

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
GBP	CURR	British Pound	Yes	No	0.00		1	1.00	No	No	00002	2
FXB	EQUI	Invesco CurrencyShares British Pound Sterling Trus	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00002	2
BP	FUTU	CME BRITISH POUND	Yes	No	25.00		62,500	1.00	No	No	00002	2
BP	OPTN	CME BRITISH POUND	Yes	No	25.00		62,500	1.00	No	No	00002	2
FXB	OPTN	Invesco CurrencyShares British Pound Sterling Trus	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00002	2
GBU	OPTN	CME BRITISH POUND 2pm	Yes	No	25.00		62,500	1.00	No	No	00002	2
WG1	OPTN	CME WK1 BRITISH POUND 2pm(Weekly)	Yes	No	25.00		62,500	1.00	No	No	00002	2
WG2	OPTN	CME WK2 BRITISH POUND 2pm(Weekly)	Yes	No	25.00		62,500	1.00	No	No	00002	2
WG3	OPTN	CME WK3 BRITISH POUND 2pm(Weekly)	Yes	No	25.00		62,500	1.00	No	No	00002	2
WG4	OPTN	CME WK4 BRITISH POUND 2pm(Weekly)	Yes	No	25.00		62,500	1.00	No	No	00002	2
WG5	OPTN	CME WK5 BRITISH POUND 2pm(Weekly)	Yes	No	25.00		62,500	1.00	No	No	00002	2
XDB	OPTN	PHLX U.S. Dollar-Settled British Pound FCO	Yes	No	25.00		100	1.00	No	No	00002	2
YB	OPTN	CME BRITISH POUND (Euro Style)	Yes	No	25.00		62,500	1.00	No	No	00002	2
1BP	OPTN	CME WK1 BRITISH POUND 2pm(Weekly)	Yes	No	25.00		62,500	1.00	No	No	00002	2
2BP	OPTN	CME WK2 BRITISH POUND 2pm(Weekly)	Yes	No	25.00		62,500	1.00	No	No	00002	2
2FXB	OPTN	Invesco CurrShs British Pound Sterling Tr(EURO/FLE	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00002	2
3BP	OPTN	CME WK3 BRITISH POUND 2pm(Weekly)	Yes	No	25.00		62,500	1.00	No	No	00002	2
4BP	OPTN	CME WK4 BRITISH POUND 2pm(Weekly)	Yes	No	25.00		62,500	1.00	No	No	00002	2
5BP	OPTN	CME WK5 BRITISH POUND 2pm(Weekly)	Yes	No	25.00		62,500	1.00	No	No	00002	2
CAD	CURR	Canadian Dollar	Yes	No	0.00		1	1.00	No	No	00003	3
FXC	EQUI	Invesco CurrencyShares Canadian Dollar Trust	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00003	3
CD	FUTU	CME CANADIAN DOLLAR	Yes	No	25.00		100,000	1.00	No	No	00003	3
CAU	OPTN	CME CANADIAN DOLLAR 2pm	Yes	No	25.00		100,000	1.00	No	No	00003	3
CD	OPTN	CME CANADIAN DOLLAR	Yes	No	25.00		100,000	1.00	No	No	00003	3
FXC	OPTN	Invesco CurrencyShares Canadian Dollar Trust	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00003	3
WD1	OPTN	CME WK1 CANADIAN DOLLAR 2pm(weekly)	Yes	No	25.00		100,000	1.00	No	No	00003	3
WD2	OPTN	CME WK2 CANADIAN DOLLAR 2pm(weekly)	Yes	No	25.00		100,000	1.00	No	No	00003	3
WD3	OPTN	CME WK3 CANADIAN DOLLAR 2pm(weekly)	Yes	No	25.00		100,000	1.00	No	No	00003	3
WD4	OPTN	CME WK4 CANADIAN DOLLAR 2pm(weekly)	Yes	No	25.00		100,000	1.00	No	No	00003	3
WD5	OPTN	CME WK5 CANADIAN DOLLAR 2pm(weekly)	Yes	No	25.00		100,000	1.00	No	No	00003	3
XDC	OPTN	PHLX U.S. Dollar-Settled Canadian FCO	Yes	No	25.00		100	1.00	No	No	00003	3
YD	OPTN	CME Canadian Dollar (Euro Style)	Yes	No	25.00		100,000	1.00	No	No	00003	3
1CD	OPTN	CME WK1 CANADIAN DOLLAR 2pm(weekly)	Yes	No	25.00		100,000	1.00	No	No	00003	3
2CD	OPTN	CME WK2 CANADIAN DOLLAR 2pm(weekly)	Yes	No	25.00		100,000	1.00	No	No	00003	3
3CD	OPTN	CME WK3 CANADIAN DOLLAR 2pm(weekly)	Yes	No	25.00		100,000	1.00	No	No	00003	3
4CD	OPTN	CME WK4 CANADIAN DOLLAR 2pm(weekly)	Yes	No	25.00		100,000	1.00	No	No	00003	3
5CD	OPTN	CME WK5 CANADIAN DOLLAR 2pm(weekly)	Yes	No	25.00		100,000	1.00	No	No	00003	3
JPY	CURR	Japanese Yen	Yes	No	0.00		1	1.00	No	No	00006	6
FXY	EQUI	Invesco CurrencyShares Japanese Yen Trust	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00006	6
YCL	EQUI	ProShares Ultra Yen	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00006	6
YCS	EQUI	ProShares UltraShort Yen	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00006	6
JY	FUTU	CME JAPANESE YEN	Yes	No	25.00		12,500,000	1.00	No	No	00006	6
J7	FUTU	CME E-Mini Japanese Yen (non-cleared)	Yes	No	25.00		6,250,000	1.00	No	No	00006	6
FXY	OPTN	Invesco CurrencyShares Japanese Yen Trust	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00006	6
JPU	OPTN	CME JAPANESE YEN 2pm	Yes	No	25.00		12,500,000	1.00	No	No	00006	6
JY	OPTN	CME JAPANESE YEN	Yes	No	25.00		12,500,000	1.00	No	No	00006	6
J7	OPTN	CME E-Mini Japanese Yen (non-cleared)	Yes	No	25.00		6,250,000	1.00	No	No	00006	6
WJ1	OPTN	CME WK1 JAPANESE YEN 2pm(weekly)	Yes	No	25.00		12,500,000	1.00	No	No	00006	6
WJ2	OPTN	CME WK2 JAPANESE YEN 2pm(weekly)	Yes	No	25.00		12,500,000	1.00	No	No	00006	6
WJ3	OPTN	CME WK3 JAPANESE YEN 2pm(weekly)	Yes	No	25.00		12,500,000	1.00	No	No	00006	6

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WJ4	OPTN	CME WK4 JAPANESE YEN 2pm(weekly)	Yes	No	25.00		12,500,000	1.00	No	No	00006	6
WJ5	OPTN	CME WK5 JAPANESE YEN 2pm(weekly)	Yes	No	25.00		12,500,000	1.00	No	No	00006	6
XDN	OPTN	PHLX U.S. Dollar-Settled Japanese Yen FCO	Yes	No	25.00		100	1.00	No	No	00006	6
YCL	OPTN	ProShares Ultra Yen	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00006	6
YCS	OPTN	ProShares UltraShort Yen	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00006	6
YJ	OPTN	CME Japanese Yen (Euro style)	Yes	No	25.00		12,500,000	1.00	No	No	00006	6
1JY	OPTN	CME WK1 JAPANESE YEN 2pm(weekly)	Yes	No	25.00		12,500,000	1.00	No	No	00006	6
2JY	OPTN	CME WK2 JAPANESE YEN 2pm(weekly)	Yes	No	25.00		12,500,000	1.00	No	No	00006	6
3JY	OPTN	CME WK3 JAPANESE YEN 2pm(weekly)	Yes	No	25.00		12,500,000	1.00	No	No	00006	6
4JY	OPTN	CME WK4 JAPANESE YEN 2pm(weekly)	Yes	No	25.00		12,500,000	1.00	No	No	00006	6
4XDN	OPTN	PHLX U.S. Dollar-Settled Japanese Yen FCO	Yes	No	25.00		100	1.00	No	No	00006	6
5JY	OPTN	CME WK5 JAPANESE YEN 2pm(weekly)	Yes	No	25.00		12,500,000	1.00	No	No	00006	6
CHF	CURR	Swiss Franc	Yes	No	0.00		1	1.00	No	No	00007	7
FXF	EQUI	Invesco CurrencyShares Swiss Franc Trust	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00007	7
SF	FUTU	CME SWISS FRANC	Yes	No	25.00		125,000	1.00	No	No	00007	7
CHU	OPTN	CME SWISS FRANC 2pm	Yes	No	25.00		125,000	1.00	No	No	00007	7
FXF	OPTN	Invesco CurrencyShares Swiss Franc Trust	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00007	7
SF	OPTN	CME SWISS FRANC	Yes	No	25.00		125,000	1.00	No	No	00007	7
XDS	OPTN	PHLX U.S. Dollar-Settled Swiss Franc FCO	Yes	No	25.00		100	1.00	No	No	00007	7
YS	OPTN	CME Swiss Franc (Euro Style)	Yes	No	25.00		125,000	1.00	No	No	00007	7
1SF	OPTN	CME WK1 SWISS FRANC 2pm(weekly)	Yes	No	25.00		125,000	1.00	No	No	00007	7
2SF	OPTN	CME WK2 SWISS FRANC 2pm(weekly)	Yes	No	25.00		125,000	1.00	No	No	00007	7
3SF	OPTN	CME WK3 SWISS FRANC 2pm(weekly)	Yes	No	25.00		125,000	1.00	No	No	00007	7
4SF	OPTN	CME WK4 SWISS FRANC 2pm(weekly)	Yes	No	25.00		125,000	1.00	No	No	00007	7
5SF	OPTN	CME WK5 SWISS FRANC 2pm(weekly)	Yes	No	25.00		125,000	1.00	No	No	00007	7
ONEQ	EQUI	FIDELITY COMWLTH TRNASDAQ COMPSIT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00011	8
QN	FUTU	CME E-MINI NASDAQ COMPOSITE INDEX	Yes	No	5.00		20	1.00	No	No	00011	8
ONEQ	OPTN	FIDELITY NASDAQ COMPOSITE INDEX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00011	8
QQEW	EQUI	FIRST TR NAS100 EQ WEIGHTEDSHS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00021	8
QQQE	EQUI	Direxion NASDAQ-100 Equal Weighted Index Shares	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00021	8
QQEW	OPTN	First Trust NASDAQ-100 Equal Weighted Index Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00021	8
QQQE	OPTN	Direxion NASDAQ-100 Equal Weighted Index Shares	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00021	8
2QQQE	OPTN	Direxion NASDAQ-100 Equal Weighted Ind (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00021	8
PSQ	EQUI	ProShares Short QQQ	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	00022	8
QID	EQUI	ProShares UltraShort QQQ	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00022	8
QLD	EQUI	ProShares Ultra QQQ	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00022	8
QQQ	EQUI	Invesco QQQ Trust Series 1	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00022	8
QQQM	EQUI	INVESCO NASDAQ 100 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00022	8
SQQQ	EQUI	PROSHARES TRULTPR SHRT QQQ	Yes	Yes	0.00	0.00	1	-3.00	Yes	No	00022	8
TQQQ	EQUI	PROSHARES TRULTRAPRO QQQ	Yes	Yes	0.00	0.00	1	3.00	Yes	No	00022	8
AQR	FUTU	CME Total Return AIR E-mini Nasdaq 100 EFR Future	Yes	No	2.50		10	1.00	No	No	00022	8
MNQ	FUTU	CME MICRO E-MINI NASDAQ 100 INDEX	Yes	No	0.50		2	1.00	No	No	00022	8
NQ	FUTU	CME E-MINI NASDAQ 100 INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
D1A	OPTN	WK1 CME Micro E-mini Nasdaq 100 Options	Yes	No	0.50		2	1.00	No	No	00022	8
D1B	OPTN	WK1 CME Micro E-mini Nasdaq 100 Options	Yes	No	0.50		2	1.00	No	No	00022	8
D1C	OPTN	WK1 CME Micro E-mini Nasdaq 100 Options	Yes	No	0.50		2	1.00	No	No	00022	8
D1D	OPTN	WK1 CME Micro E-mini Nasdaq 100 Options	Yes	No	0.50		2	1.00	No	No	00022	8
D2A	OPTN	WK2 CME Micro E-mini Nasdaq 100 Options	Yes	No	0.50		2	1.00	No	No	00022	8
D2B	OPTN	WK2 CME Micro E-mini Nasdaq 100 Options	Yes	No	0.50		2	1.00	No	No	00022	8
D2C	OPTN	WK2 CME Micro E-mini Nasdaq 100 Options	Yes	No	0.50		2	1.00	No	No	00022	8

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D2D	OPTN	WK2 CME Micro E-mini Nasdaq 100 Options	Yes	No	0.50		2	1.00	No	No	00022	8
D3A	OPTN	WK3 CME Micro E-mini Nasdaq 100 Options	Yes	No	0.50		2	1.00	No	No	00022	8
D3B	OPTN	WK3 CME Micro E-mini Nasdaq 100 Options	Yes	No	0.50		2	1.00	No	No	00022	8
D3C	OPTN	WK3 CME Micro E-mini Nasdaq 100 Options	Yes	No	0.50		2	1.00	No	No	00022	8
D3D	OPTN	WK3 CME Micro E-mini Nasdaq 100 Options	Yes	No	0.50		2	1.00	No	No	00022	8
D4A	OPTN	WK4 CME Micro E-mini Nasdaq 100 Options	Yes	No	0.50		2	1.00	No	No	00022	8
D4B	OPTN	WK4 CME Micro E-mini Nasdaq 100 Options	Yes	No	0.50		2	1.00	No	No	00022	8
D4C	OPTN	WK4 CME Micro E-mini Nasdaq 100 Options	Yes	No	0.50		2	1.00	No	No	00022	8
D4D	OPTN	WK4 CME Micro E-mini Nasdaq 100 Options	Yes	No	0.50		2	1.00	No	No	00022	8
D5A	OPTN	WK5 CME Micro E-mini Nasdaq 100 Options	Yes	No	0.50		2	1.00	No	No	00022	8
D5B	OPTN	WK5 CME Micro E-mini Nasdaq 100 Options	Yes	No	0.50		2	1.00	No	No	00022	8
D5C	OPTN	WK5 CME Micro E-mini Nasdaq 100 Options	Yes	No	0.50		2	1.00	No	No	00022	8
D5D	OPTN	WK5 CME Micro E-mini Nasdaq 100 Options	Yes	No	0.50		2	1.00	No	No	00022	8
MNQ	OPTN	CME Micro E-mini Nasdaq 100 Quarterly Options	Yes	No	0.50		2	1.00	No	No	00022	8
MQE	OPTN	CME Micro E-mini Nasdaq 100 EOM Options	Yes	No	0.50		2	1.00	No	No	00022	8
MQ1	OPTN	WK1 CME Micro E-mini Nasdaq 100 Options	Yes	No	0.50		2	1.00	No	No	00022	8
MQ2	OPTN	WK2 CME Micro E-mini Nasdaq 100 Options	Yes	No	0.50		2	1.00	No	No	00022	8
MQ3	OPTN	WK3 CME Micro E-mini Nasdaq 100 Options	Yes	No	0.50		2	1.00	No	No	00022	8
MQ4	OPTN	WK4 CME Micro E-mini Nasdaq 100 Options	Yes	No	0.50		2	1.00	No	No	00022	8
NDX	OPTN	NASDAQ 100 INDEX EURO/OPEN	Yes	Yes	25.00	37.50	100	1.00	No	No	00022	8
NDXP	OPTN	NASDAQ-100 Index PM Settled Options	Yes	Yes	25.00	37.50	100	1.00	No	No	00022	8
NQ	OPTN	CME E-MINI NASDQ100 INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
NQX	OPTN	Nasdaq-100 Reduced Value Index Options	Yes	Yes	25.00	37.50	100	1.00	No	No	00022	8
PSQ	OPTN	ProShares Short QQQ	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	00022	8
PSQ1	OPTN	ProShares Short QQQ (1:5 Reverse Split)	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	00022	8
QID	OPTN	ProShares UltraShort QQQ	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00022	8
QID1	OPTN	ProShares UltraShort QQQ (1:5 Reverse Split)	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00022	8
QLD	OPTN	ProShares Ultra QQQ	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00022	8
QNE	OPTN	E-mini Nasdaq 100 End-of month	Yes	No	5.00		20	1.00	No	No	00022	8
QN1	OPTN	CME WK1 E-MINI NASDAQ100 WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
QN2	OPTN	CME WK2 E-MINI NASDAQ100 WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
QN3	OPTN	CME WK3 E-MINI NASDAQ100 WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
QN4	OPTN	CME WK4 E-MINI NASDAQ100 WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
QN5	OPTN	CME WK5 E-MINI NASDAQ100 WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
QQQ	OPTN	Invesco QQQ Trust Series 1	Yes	Yes	2.50	3.75	100	1.00	Yes	No	00022	8
QQQM	OPTN	INVESCO NASDAQ 100 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00022	8
Q1A	OPTN	CME E-MINI NASDAQ100 MONDAY WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
Q1B	OPTN	CME E-MINI NASDAQ100 TUESDAY WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
Q1C	OPTN	CME E-MINI NASDAQ100 WEDNESDAY WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
Q1D	OPTN	CME E-MINI NASDAQ100 THURSDAY WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
Q2A	OPTN	CME E-MINI NASDAQ100 MONDAY WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
Q2B	OPTN	CME E-MINI NASDAQ100 TUESDAY WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
Q2C	OPTN	CME E-MINI NASDAQ100 WEDNESDAY WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
Q2D	OPTN	CME E-MINI NASDAQ100 THURSDAY WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
Q3A	OPTN	CME E-MINI NASDAQ100 MONDAY WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
Q3B	OPTN	CME E-MINI NASDAQ100 TUESDAY WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
Q3C	OPTN	CME E-MINI NASDAQ100 WEDNESDAY WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
Q3D	OPTN	CME E-MINI NASDAQ100 THURSDAY WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
Q4A	OPTN	CME E-MINI NASDAQ100 MONDAY WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
Q4B	OPTN	CME E-MINI NASDAQ100 TUESDAY WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8

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Q4C	OPTN	CME E-MINI NASDAQ100 WEDNESDAY WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
Q4D	OPTN	CME E-MINI NASDAQ100 THURSDAY WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
Q5A	OPTN	CME E-MINI NASDAQ100 MONDAY WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
Q5B	OPTN	CME E-MINI NASDAQ100 TUESDAY WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
Q5C	OPTN	CME E-MINI NASDAQ100 WEDNESDAY WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
Q5D	OPTN	CME E-MINI NASDAQ100 THURSDAY WEEKLY INDEX	Yes	No	5.00		20	1.00	No	No	00022	8
SQQQ	OPTN	ProShares Ultra Pro Short QQQ	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	00022	8
SQQQ1	OPTN	ProShares Ultra Pro Short QQQ (1:5 Reverse Split)	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	00022	8
TQQQ	OPTN	ProShares Ultra Pro QQQ	Yes	Yes	25.00	37.50	100	3.00	Yes	No	00022	8
XND	OPTN	Nasdaq-100 Micro Index	Yes	Yes	25.00	37.50	100	1.00	No	No	00022	8
1QQQ	OPTN	Invesco QQQ Trust Series 1 (AMER/FLEX)	Yes	Yes	2.50	3.75	100	1.00	Yes	No	00022	8
2NDX	OPTN	NASDAQ 100 AM INDEX/EURO FLEX	Yes	Yes	25.00	37.50	100	1.00	No	No	00022	8
2QQQ	OPTN	Invesco QQQ Trust Series 1 (EURO/FLEX)	Yes	Yes	2.50	3.75	100	1.00	Yes	No	00022	8
2QQQ1	OPTN	Invesco QQQ Trust Series 1 (EURO/FLEX)(cash dist)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00022	8
2TQQQ	OPTN	ProShares Ultra Pro QQQ (EURO/FLEX)	Yes	Yes	25.00	37.50	100	3.00	Yes	No	00022	8
4NDX	OPTN	NASDAQ 100 PM INDEX/EURO FLEX	Yes	Yes	25.00	37.50	100	1.00	No	No	00022	8
4NDXP	OPTN	NASDAQ-100 Index PM Settled Options (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	00022	8
4QQQ	OPTN	Invesco QQQ Trust Series 1 (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00022	8
4XND	OPTN	Nasdaq-100 Micro Index (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	00022	8
QQMG	EQUI	INVESCO EXCH TRADED FD TR IIESG NASDAQ 100	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00023	8
QTOP	EQUI	ISHARES TRNASDAQ TOP 30	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00027	8
QTOP	OPTN	ISHARES NASDAQ TOP 30 STOCKS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00027	8
OEF	EQUI	iShares S&P 100 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00013	9
OEF	OPTN	iShares S&P 100 ETF	Yes	Yes	2.50	3.75	100	1.00	Yes	No	00013	9
OEX	OPTN	CBOE S&P 100 CLOSE/AMER INDEX	Yes	Yes	25.00	37.50	100	1.00	No	No	00013	9
XEO	OPTN	CBOE S&P 100 CLOSE/EURO INDEX	Yes	Yes	25.00	37.50	100	1.00	No	No	00013	9
2OEX	OPTN	CBOE/S&P 100 AM/EURO INDEX	Yes	Yes	25.00	37.50	100	1.00	No	No	00013	9
4OEX	OPTN	CBOE S&P 100 PM/EURO INDEX	Yes	Yes	25.00	37.50	100	1.00	No	No	00013	9
4XEO	OPTN	CBOE S&P 100 CLOSE/EURO INDEX	Yes	Yes	25.00	37.50	100	1.00	No	No	00013	9
IWV	EQUI	iShares Russell 3000 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00015	9
VTHR	EQUI	VANGUARD SCOTTSDALE FDSVNG RUS3000IDX	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00015	9
IWV	OPTN	iShares Russell 3000 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00015	9
VTHR	OPTN	VANGUARD RUSSELL 3000 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00015	9
DDM	EQUI	ProShares Ultra Dow30	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00016	9
DIA	EQUI	SPDR Dow Jones Industrial Average ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00016	9
DOG	EQUI	ProShares Short Dow30	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	00016	9
DXD	EQUI	ProShares UltraShort Dow30	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00016	9
SDOW	EQUI	PROSHARES ULTRAPRO SHORT DOW30	Yes	Yes	0.00	0.00	1	-3.00	Yes	No	00016	9
UDOW	EQUI	PROSHARES ULTRAPRO DOW30	Yes	Yes	0.00	0.00	1	3.00	Yes	No	00016	9
ADR	FUTU	CME Total Return AIR Dow Jones EFR Futures	Yes	No	0.50		2	1.00	No	No	00016	9
MYM	FUTU	CBOT Micro E-MINI-SIZED DOW JONES FUTURE	Yes	No	0.125		0.5	1.00	No	No	00016	9
YM	FUTU	CBOT MINI-SIZED DOW JONES FUTURE	Yes	No	25.00		50	1.00	No	No	00016	9
ZD	FUTU	Dow Jonex Index (\$10 Multiplier) Futures	Yes	No	25.00		100	1.00	No	No	00016	9
DDM	OPTN	ProShares Ultra Dow30	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00016	9
DIA	OPTN	SPDR DJIA ETF Trust	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00016	9
DJX	OPTN	CBOE DOW JONES INDUSTRIAL	Yes	Yes	5.00	7.50	100	1.00	No	No	00016	9
DJX9	OPTN	CBOE DOW JONES MICRO	Yes	Yes	0.25	0.375	1	1.00	No	No	00016	9
DOG	OPTN	ProShares Short Dow30	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	00016	9
DXD	OPTN	ProShares UltraShort Dow30	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00016	9
EYM	OPTN	EOM DOW JONES MINI FUTURE	Yes	No	25.00		50	1.00	No	No	00016	9

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
SDOW	OPTN	ProShares UltraPro Short Dow30	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	00016	9
SDOW1	OPTN	ProShares UltraPro Short Dow30 (1:4 R Split)	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	00016	9
UDOW	OPTN	ProShares UltraPro Dow30	Yes	Yes	25.00	37.50	100	3.00	Yes	No	00016	9
YM	OPTN	CBOT DOW JONES MINI FUTURE	Yes	No	25.00		50	1.00	No	No	00016	9
YM1	OPTN	DOW JONES MINI FUTURE (Weekly Options)	Yes	No	25.00		50	1.00	No	No	00016	9
YM2	OPTN	DOW JONES MINI FUTURE (Weekly Options)	Yes	No	25.00		50	1.00	No	No	00016	9
YM3	OPTN	DOW JONES MINI FUTURE (Weekly Options)	Yes	No	25.00		50	1.00	No	No	00016	9
YM4	OPTN	DOW JONES MINI FUTURE (Weekly Options)	Yes	No	25.00		50	1.00	No	No	00016	9
1DJX9	OPTN	CBOE DOW JONES INDUSTRIAL Micro Flex AM/AMER	Yes	Yes	0.25	0.375	1	1.00	No	No	00016	9
2DIA	OPTN	SPDR DJIA ETF Trust (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00016	9
2DJX	OPTN	CBOE DOW JONES INDUSTRIAL (EURO/FLEX)	Yes	Yes	5.00	7.50	100	1.00	No	No	00016	9
2DJX9	OPTN	CBOE DOW JONES INDUSTRIAL Micro Flex AM/EURO	Yes	Yes	0.25	0.375	1	1.00	No	No	00016	9
3DJX9	OPTN	CBOE DOW JONES INDUSTRIAL Micro Flex PM/AMER	Yes	Yes	0.25	0.375	1	1.00	No	No	00016	9
4DJX	OPTN	DOW JONES INDEX PM/EURO (FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	00016	9
4DJX9	OPTN	CBOE DOW JONES INDUSTRIAL Micro Flex PM/EURO	Yes	Yes	0.25	0.375	1	1.00	No	No	00016	9
5DJX	OPTN	CBOE Dow Jones Asian Flex Option	Yes	No	25.00		100	1.00	No	No	00016	9
6DJX	OPTN	CBOE Dow Jones Cliquet Flex Option	Yes	No	25.00		100	1.00	No	No	00016	9
IWB	EQUI	iShares Russell 1000 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00017	9
VONE	EQUI	VANGUARD SCOTTSDALE FDSVNG RUS1000IDX	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00017	9
ARR	FUTU	CME Total Return AIR E-mini Russell 1000 EFFF Futu	Yes	No	2.50		10	1.00	No	No	00017	9
RS1	FUTU	E-mini Russell 1000 Index	Yes	No	12.50		50	1.00	No	No	00017	9
IWB	OPTN	iShares Russell 1000 ETF	Yes	Yes	2.50	3.75	100	1.00	Yes	No	00017	9
RUI	OPTN	CBOE Russell 1000 Index Options	Yes	Yes	25.00	37.50	100	1.00	No	No	00017	9
VONE	OPTN	VANGUARD RUSSELL 1000 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00017	9
IVV	EQUI	iShares Core S&P 500 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00018	9
SDS	EQUI	ProShares UltraShort S&P500	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00018	9
SH	EQUI	ProShares Short S&P500	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	00018	9
SPDN	EQUI	Direxion Daily S&P 500 Bear 1X Shares	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	00018	9
SPLG	EQUI	SPDR Portfolio S&P 500 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00018	9
SUUU	EQUI	DIREXION SHS ETF TRDLY S&P500 2XS	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00018	9
SPXL	EQUI	Direxion Daily S&P 500 Bull 3X Shares	Yes	Yes	0.00	0.00	1	3.00	Yes	No	00018	9
SPXS	EQUI	Direxion Daily S&P 500 Bear 3X Shares	Yes	Yes	0.00	0.00	1	-3.00	Yes	No	00018	9
SPXU	EQUI	Prosh Ultrapro Short S&P 500	Yes	Yes	0.00	0.00	1	-3.00	Yes	No	00018	9
SPY	EQUI	SPY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00018	9
SPYU	EQUI	BANK MONTREAL QUENT LKD 43	Yes	No	0.00		1	4.00	No	Yes	00018	9
SSO	EQUI	ProShares Ultra S&P500	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00018	9
UPRO	EQUI	ProShares Ultrapro S&P 500	Yes	Yes	0.00	0.00	1	3.00	Yes	No	00018	9
VOO	EQUI	VANGUARD S&P 500 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00018	9
ASPR	FUTU	CME Total Return AIR S&P 500 SOFR Futures	Yes	No	6.25		25	1.00	No	No	00018	9
ASR	FUTU	CME Total Return AIR S&P 500 EFFF Futures	Yes	No	6.25		25	1.00	No	No	00018	9
ES	FUTU	CME E-MINI S&P 500 INDEX	Yes	No	12.50		50	1.00	No	No	00018	9
EV	FUTU	CME S&P 500 EOM Future	No	No			250	1.00	No	No	00018	9
EW	FUTU	CME E-MINI S&P 500 EOM FUTURE	Yes	No	12.50		50	1.00	No	No	00018	9
MES	FUTU	CME MICRO E-MINI S&P 500 INDEX	Yes	No	1.25		5	1.00	No	No	00018	9
SP	FUTU	CME S&P 500 INDEX	No	No			250	1.00	No	No	00018	9
TRI	FUTU	CME S&P 500 TOTAL RETURN INDEX FUTURES	Yes	No	6.25		25	1.00	No	No	00018	9
ES	OPTN	CME E-MINI S&P 500 INDEX	Yes	No	12.50		50	1.00	No	No	00018	9
EV	OPTN	CME S&P 500 EOM Options	No	No			250	1.00	No	No	00018	9
EW	OPTN	CME E-MINI S&P 500 EOM Options	Yes	No	12.50		50	1.00	No	No	00018	9
EW1	OPTN	SDO WK1 CME E-MINI S&P 500 Weekly Options	Yes	No	12.50		50	1.00	No	No	00018	9

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
EW2	OPTN	SDO WK2 CME E-MINI S&P 500 Weekly Options	Yes	No	12.50		50	1.00	No	No	00018	9
EW3	OPTN	SDO WK3 CME E-MINI S&P 500 Weekly Options	Yes	No	12.50		50	1.00	No	No	00018	9
EW4	OPTN	SDO WK4 CME E-MINI S&P 500 Weekly Options	Yes	No	12.50		50	1.00	No	No	00018	9
EW5	OPTN	SDO WK5 CME E-MINI S&P 500 Weekly Options	Yes	No	12.50		50	1.00	No	No	00018	9
EX	OPTN	CME Micro E-MINI S&P 500 EOM Options	Yes	No	1.25		5	1.00	No	No	00018	9
EX1	OPTN	WK1 CME Micro E-MINI S&P 500 Options	Yes	No	1.25		5	1.00	No	No	00018	9
EX2	OPTN	WK2 CME Micro E-MINI S&P 500 Options	Yes	No	1.25		5	1.00	No	No	00018	9
EX3	OPTN	WK3 CME Micro E-MINI S&P 500 Options	Yes	No	1.25		5	1.00	No	No	00018	9
EX4	OPTN	WK4 CME Micro E-MINI S&P 500 Options	Yes	No	1.25		5	1.00	No	No	00018	9
EYC	OPTN	E-mini S&P 500 quarterly PM options (Euro)	Yes	No	12.50		50	1.00	No	No	00018	9
E1A	OPTN	Monday WK1 CME E-MINI S&P 500 Weekly Options	Yes	No	12.50		50	1.00	No	No	00018	9
E1B	OPTN	Tuesday Weekly Options on E-mini Standard and Poor	Yes	No	12.50		50	1.00	No	No	00018	9
E1C	OPTN	Wednesday WK1 CME E-MINI S&P 500 Weekly Options	Yes	No	12.50		50	1.00	No	No	00018	9
E1D	OPTN	Thursday Weekly Options on E-mini Standard and Poo	Yes	No	12.50		50	1.00	No	No	00018	9
E2A	OPTN	Monday WK2 CME E-MINI S&P 500 Weekly Options	Yes	No	12.50		50	1.00	No	No	00018	9
E2B	OPTN	Tuesday Weekly Options on E-mini Standard and Poor	Yes	No	12.50		50	1.00	No	No	00018	9
E2C	OPTN	Wednesday WK2 CME E-MINI S&P 500 Weekly Options	Yes	No	12.50		50	1.00	No	No	00018	9
E2D	OPTN	Thursday Weekly Options on E-mini Standard and Poo	Yes	No	12.50		50	1.00	No	No	00018	9
E3A	OPTN	Monday WK3 CME E-MINI S&P 500 Weekly Options	Yes	No	12.50		50	1.00	No	No	00018	9
E3B	OPTN	Tuesday Weekly Options on E-mini Standard and Poor	Yes	No	12.50		50	1.00	No	No	00018	9
E3C	OPTN	Wednesday WK3 CME E-MINI S&P 500 Weekly Options	Yes	No	12.50		50	1.00	No	No	00018	9
E3D	OPTN	Thursday Weekly Options on E-mini Standard and Poo	Yes	No	12.50		50	1.00	No	No	00018	9
E4A	OPTN	Monday WK4 CME E-MINI S&P 500 Weekly Options	Yes	No	12.50		50	1.00	No	No	00018	9
E4B	OPTN	Tuesday Weekly Options on E-mini Standard and Poor	Yes	No	12.50		50	1.00	No	No	00018	9
E4C	OPTN	Wednesday WK4 CME E-MINI S&P 500 Weekly Options	Yes	No	12.50		50	1.00	No	No	00018	9
E4D	OPTN	Thursday Weekly Options on E-mini Standard and Poo	Yes	No	12.50		50	1.00	No	No	00018	9
E5A	OPTN	Monday WK5 CME E-MINI S&P 500 Weekly Options	Yes	No	12.50		50	1.00	No	No	00018	9
E5B	OPTN	Tuesday Weekly Options on E-mini Standard and Poor	Yes	No	12.50		50	1.00	No	No	00018	9
E5C	OPTN	Wednesday WK5 CME E-MINI S&P 500 Weekly Options	Yes	No	12.50		50	1.00	No	No	00018	9
E5D	OPTN	Thursday Weekly Options on E-mini Standard and Poo	Yes	No	12.50		50	1.00	No	No	00018	9
IVV	OPTN	iShares Core S&P 500 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00018	9
MES	OPTN	CME Micro E-Mini S&P 500 Quarterly Options	Yes	No	1.25		5	1.00	No	No	00018	9
NANOS	OPTN	Cboe Nanos S&P 500 Index Options	Yes	Yes	0.25	0.375	1	1.00	No	No	00018	9
SDS	OPTN	ProShares UltraShort S&P 500	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00018	9
SH	OPTN	ProShares Short S&P 500	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	00018	9
SH1	OPTN	ProShares Short S&P 500 (1:4 Reverse Split)	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	00018	9
SP	OPTN	CME S&P 500 INDEX	No	No			250	1.00	No	No	00018	9
SPDN	OPTN	Direxion Daily S&P 500 Bear 1X Shares	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	00018	9
SPLG	OPTN	SPDR Portfolio S&P 500 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00018	9
SPUU	OPTN	DIREXION DAILY S&P 500 BULL 2X SHARES	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00018	9
SPX	OPTN	CBOE S&P 500 OPEN/EURO INDEX	Yes	Yes	25.00	37.50	100	1.00	No	No	00018	9
SPXL	OPTN	Direxion Daily S&P 500 Bull 3X Shares	Yes	Yes	25.00	37.50	100	3.00	Yes	No	00018	9
SPXS	OPTN	Direxion Daily S&P 500 Bear 3X Shares	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	00018	9
SPXU	OPTN	Prosh Ultrapro Short S&P 500	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	00018	9
SPXU1	OPTN	Prosh Ultrapro Short S&P 500 (1:5 Reverse Split)	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	00018	9
SPXW	OPTN	CBOE S&P 500 CLOSE/EURO INDEX (End of Week Option)	Yes	Yes	25.00	37.50	100	1.00	No	No	00018	9
SPX9	OPTN	CBOE S&P 500 MICRO	Yes	Yes	0.25	0.375	1	1.00	No	No	00018	9
SPY	OPTN	SPY Option	Yes	Yes	2.50	3.75	100	1.00	Yes	No	00018	9
SSO	OPTN	ProShares Ultra S&P 500	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00018	9
UPRO	OPTN	ProShares Ultrapro S&P 500	Yes	Yes	25.00	37.50	100	3.00	Yes	No	00018	9

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
VOO	OPTN	Vanguard S&P 500 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00018	9
XSP	OPTN	CBOE MINI S&P 500 (PM SETTLED)	Yes	Yes	2.50	3.75	100	1.00	No	No	00018	9
X1A	OPTN	WK1 CME Micro E-MINI S&P 500 Options	Yes	No	1.25		5	1.00	No	No	00018	9
X1B	OPTN	WK1 CME Micro E-MINI S&P 500 Options	Yes	No	1.25		5	1.00	No	No	00018	9
X1C	OPTN	WK1 CME Micro E-MINI S&P 500 Options	Yes	No	1.25		5	1.00	No	No	00018	9
X1D	OPTN	WK1 CME Micro E-MINI S&P 500 Options	Yes	No	1.25		5	1.00	No	No	00018	9
X2A	OPTN	WK2 CME Micro E-MINI S&P 500 Options	Yes	No	1.25		5	1.00	No	No	00018	9
X2B	OPTN	WK2 CME Micro E-MINI S&P 500 Options	Yes	No	1.25		5	1.00	No	No	00018	9
X2C	OPTN	WK1 CME Micro E-MINI S&P 500 Options	Yes	No	1.25		5	1.00	No	No	00018	9
X2D	OPTN	WK2 CME Micro E-MINI S&P 500 Options	Yes	No	1.25		5	1.00	No	No	00018	9
X3A	OPTN	WK3 CME Micro E-MINI S&P 500 Options	Yes	No	1.25		5	1.00	No	No	00018	9
X3B	OPTN	WK3 CME Micro E-MINI S&P 500 Options	Yes	No	1.25		5	1.00	No	No	00018	9
X3C	OPTN	WK3 CME Micro E-MINI S&P 500 Options	Yes	No	1.25		5	1.00	No	No	00018	9
X3D	OPTN	WK3 CME Micro E-MINI S&P 500 Options	Yes	No	1.25		5	1.00	No	No	00018	9
X4A	OPTN	WK4 CME Micro E-MINI S&P 500 Options	Yes	No	1.25		5	1.00	No	No	00018	9
X4B	OPTN	WK4 CME Micro E-MINI S&P 500 Options	Yes	No	1.25		5	1.00	No	No	00018	9
X4C	OPTN	WK4 CME Micro E-MINI S&P 500 Options	Yes	No	1.25		5	1.00	No	No	00018	9
X4D	OPTN	WK4 CME Micro E-MINI S&P 500 Options	Yes	No	1.25		5	1.00	No	No	00018	9
X5A	OPTN	WK5 CME Micro E-MINI S&P 500 Options	Yes	No	1.25		5	1.00	No	No	00018	9
X5B	OPTN	WK5 CME Micro E-MINI S&P 500 Options	Yes	No	1.25		5	1.00	No	No	00018	9
X5C	OPTN	WK5 CME Micro E-MINI S&P 500 Options	Yes	No	1.25		5	1.00	No	No	00018	9
X5D	OPTN	WK5 CME Micro E-MINI S&P 500 Options	Yes	No	1.25		5	1.00	No	No	00018	9
1SPX	OPTN	CBOE S&P 500 OPEN/EURO INDEX (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	00018	9
1SPX9	OPTN	CBOE S&P 500 INDEX Micro Flex AM/AMER	Yes	Yes	0.25	0.375	1	1.00	No	No	00018	9
1SPY	OPTN	SPY Option (Amer Flex)	Yes	Yes	2.50	3.75	100	1.00	Yes	No	00018	9
2IVV	OPTN	iShares Core S&P 500 ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00018	9
2SPLG	OPTN	SPDR Portfolio S&P 500 ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00018	9
2SPX	OPTN	S&P 500 INDEX AM/EURO (FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	00018	9
2SPXL	OPTN	Direxion Daily S&P 500 Bull 3X Shares (EURO/FLEX)	Yes	Yes	25.00	37.50	100	3.00	Yes	No	00018	9
2SPX9	OPTN	CBOE S&P 500 INDEX Micro Flex AM/EURO	Yes	Yes	0.25	0.375	1	1.00	No	No	00018	9
2SPY	OPTN	SPY Option (Euro Flex)	Yes	Yes	2.50	3.75	100	1.00	Yes	No	00018	9
2XSP	OPTN	CBOE MINI S&P 500 (PM SETTLED) (EURO/FLEX)	Yes	Yes	2.50	3.75	100	1.00	No	No	00018	9
3SPX	OPTN	CBOE S&P 500 OPEN/EURO INDEX (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	00018	9
3SPX9	OPTN	CBOE S&P 500 INDEX Micro Flex PM/AMER	Yes	Yes	0.25	0.375	1	1.00	No	No	00018	9
4SPX	OPTN	S&P 500 INDEX PM/EURO (FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	00018	9
4SPX9	OPTN	CBOE S&P 500 INDEX Micro Flex PM/EURO	Yes	Yes	0.25	0.375	1	1.00	No	No	00018	9
4SPY	OPTN	SPY Option (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00018	9
4XSP	OPTN	CBOE MINI S&P 500 PM/EURO INDEX (EURO/FLEX)	Yes	Yes	2.50	3.75	100	1.00	No	No	00018	9
5SPX	OPTN	S&P 500 Asian Flex Option	Yes	No	25.00		100	1.00	No	No	00018	9
5XSP	OPTN	CBOE Mini S&P 500 Asian Flex Option (Euro/ Flex)	Yes	No	25.00		100	1.00	No	No	00018	9
6SPX	OPTN	S&P 500 Cliquet Flex Option	Yes	No	25.00		100	1.00	No	No	00018	9
6XSP	OPTN	CBOE MINI S&P 500 Cliquet Flex Option	Yes	No	25.00		100	1.00	No	No	00018	9
SPXOT	OTCO	OVER THE COUNTER SPX INDEX	No	No			0	1.00	No	No	00018	9
SCHB	EQUI	SCHWAB STRATEGIC TRUS BRD MKT ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00019	9
SCHB	OPTN	Schwab US Broad Market ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00019	9
PBUS	EQUI	Invesco MSCI USA ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00024	9
MUN	FUTU	MSCI USA Index Future	Yes	No	12.50		50	1.00	No	No	00024	9
MXUSA	OPTN	Cboe MSCI USA Index Options	Yes	Yes	25.00	37.50	100	1.00	No	No	00024	9
STRV	EQUI	EA SERIES TRUSTSTRIVE 500 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00107	9
STRV	OPTN	STRIVE 500 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00107	9



**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
VTI	EQUI	VANGUARD INDEX FDSSTK MRK ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00506	9
VTI	OPTN	Vanguard Total Stock Market ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00506	9
IYY	EQUI	ISHARES TRDOW JONES US ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00517	9
IYY	OPTN	ISHARES DOW JONES U.S. ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00517	9
ITOT	EQUI	iShares Core S&P Total U.S. Stock Market ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00520	9
ITOT	OPTN	iShares Core S&P Total U.S. Stock Market ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00520	9
SPTM	EQUI	SPDR Portfolio S&P 1500 Composite Stock Market ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00530	9
SPTM	OPTN	SPDR Portfolio S&P 1500 Composite Stock Market ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00530	9
EFIV	EQUI	SPDR SER TRS&P 500 ESG ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00600	9
SNPE	EQUI	Xtrackers S&P 500 Scored & Screened ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00600	9
ESG	FUTU	Emini S&P 500 ESG Index Future	Yes	No	125.00		500	1.00	No	No	00600	9
SNPE	OPTN	Xtrackers S&P 500 Scored & Screened ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00600	9
SPESG	OPTN	CBOE ESG Index Option	Yes	Yes	25.00	37.50	100	1.00	No	No	00600	9
GUSA	EQUI	GOLDMAN SACHS ETF TRUST IIMARKETBETA US EQ	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00601	9
ESGV	EQUI	Vanguard ESG U.S. Stock ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00604	9
ESGV	OPTN	VANGUARD ESG U.S. STOCK ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00604	9
USCA	EQUI	DBX ETF TRXTRACKERS MSCI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00603	10
XAU	OPTN	PHLX GOLD/SILVER CLOSE/AMER	Yes	Yes	25.00	37.50	100	1.00	No	No	00020	12
4XAU	OPTN	PHLX GOLD/SILVER PM/EURO	Yes	Yes	25.00	37.50	100	1.00	No	No	00020	12
DUST	EQUI	Direxion Daily Gold Miners Index Bear 2X Shares	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00032	12
GDX	EQUI	VanEck Gold Miners ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00032	12
NUGT	EQUI	Direxion Daily Gold Miners Index Bull 2X Shares	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00032	12
DUST	OPTN	Direxion Daily Gold Miners Index Bear 2X Shares	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00032	12
DUST1	OPTN	Direxion Daily Gold Miners Index Bear 2X Sh(1:10)	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00032	12
GDX	OPTN	VanEck Gold Miners ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00032	12
NUGT	OPTN	Direxion Daily Gold Miners Index Bull 2X Shares	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00032	12
1GDX	OPTN	VanEck Gold Miners ETF (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00032	12
2GDX	OPTN	VanEck Gold Miners ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00032	12
GDXD	EQUI	MicroSectors Gold Miners -3X Inverse Leveraged ETN	Yes	No	0.00		1	-3.00	No	Yes	00033	12
GDXU	EQUI	BANK MONTREAL QUEMICROSCTR 3X LEV	Yes	No	0.00		1	3.00	No	Yes	00033	12
UDN	EQUI	Invesco DB US Dollar Index Bearish Fund	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	00008	13
UDN	OPTN	Invesco DB US Dollar Index Bearish Fund	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	00008	13
UUP	EQUI	Invesco DB US Dollar Index Bullish Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00009	13
UUP	OPTN	Invesco DB US Dollar Index Bullish Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00009	13
DX	FUTU	US Dollar Index Future	Yes	No	250.00		1,000	1.00	No	No	00010	13
DX	OPTN	US DOLLAR INDEX OPTIONS	Yes	No	250.00		1,000	1.00	No	No	00010	13
OSX	OPTN	PHLX Oil Service Sector AM/Euro	Yes	Yes	25.00	37.50	100	1.00	No	No	00031	15
OSXPM	OPTN	PHLX Oil Service Sector Close/Euro (Qtrly)	Yes	Yes	25.00	37.50	100	1.00	No	No	00031	15
2OSX	OPTN	PHLX OIL INDEX AM/EURO (FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	00031	15
4OSX	OPTN	PHLX OIL INDEX PM/EURO (FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	00031	15
IEZ	EQUI	iShares U.S. Oil Equipment & Services ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00102	15
IEZ	OPTN	iShares U.S. Oil Equipment & Services ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00102	15
OIH	EQUI	VanEck Oil Services ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00105	15
OIH	OPTN	VanEck Oil Services ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00105	15
PXJ	EQUI	Invesco Oil & Gas Services ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00113	15
PXJ	OPTN	Invesco Oil & Gas Services ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00113	15
XES	EQUI	SPDR S&P Oil & Gas Equipment & Services ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00114	15
XES	OPTN	SPDR S&P Oil & Gas Equipment & Services ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00114	15
DDG	EQUI	ProShares Short Oil & Gas	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	00116	15
DIG	EQUI	ProShares Ultra Energy	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00116	15



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Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
DUG	EQUI	ProShares UltraShort Energy	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00116	15
ERX	EQUI	Direxion Daily Energy Bull 2X Shares	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00116	15
ERY	EQUI	Direxion Daily Energy Bear 2X Shares	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00116	15
XLE	EQUI	ENERGY SELECT SECT SPDR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00116	15
XAE	FUTU	E-mini Energy Select Sector Futures	Yes	No	25.00		100	1.00	No	No	00116	15
DDG	OPTN	ProShares Short Oil & Gas	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	00116	15
DIG	OPTN	ProShares Ultra Energy	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00116	15
DUG	OPTN	ProShares UltraShort Energy	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00116	15
DUG1	OPTN	ProShares UltraShort Energy (1:4 Reverse Split)	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00116	15
ERX	OPTN	Direxion Daily Energy Bull 2X Shares	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00116	15
ERY	OPTN	Direxion Daily Energy Bear 2X Shares	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00116	15
SIXE	OPTN	Energy Select Sector Index Options	Yes	Yes	25.00	37.50	100	1.00	No	No	00116	15
XAE	OPTN	E-mini Energy Select Sector Futures Options	Yes	No	25.00		100	1.00	No	No	00116	15
XLE	OPTN	ENERGY SECTOR SPDR	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00116	15
2XLE	OPTN	ENERGY SECTOR SPDR (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00116	15
VDE	EQUI	VANGUARD ENERGY ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00117	15
VDE	OPTN	Vanguard Energy ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00117	15
IYE	EQUI	iShares U.S. Energy ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00118	15
IYE	OPTN	iShares U.S. Energy ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00118	15
FCG	EQUI	First Trust Natural Gas ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00100	16
FCG	OPTN	First Trust Natural Gas ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00100	16
OILD	EQUI	MicroSectors Oil & Gas Exploration & Production -3	Yes	No	0.00		1	-3.00	No	Yes	00103	16
OILU	EQUI	BANK MONTREAL QUECAL LKD 41	Yes	No	0.00		1	3.00	No	Yes	00103	16
IEO	EQUI	iShares U.S. Oil & Gas Exploration Production ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00104	16
IEO	OPTN	iShares U.S. Oil & Gas Exploration Production ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00104	16
DRIP	EQUI	Direxion Daily S&P Oil&Gas Exp.& Prod. Bear2XShrs	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00115	16
GUSH	EQUI	Direxion Daily S&P Oil&Gas Exp.& Prod.Bull 2XShr	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00115	16
XOP	EQUI	SPDR S&P Oil & Gas Exploration & Production ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00115	16
SXO	FUTU	E-mini S&P Oil & Gas Exploration & Production Sele	Yes	No	6.25		25	1.00	No	No	00115	16
DRIP	OPTN	Direxion Daily S&P Oil&Gas Exp.& Prod. Bear2XShrs	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00115	16
GUSH	OPTN	Direxion Daily S&P Oil&Gas Exp.& Prod.Bull 2XShr	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00115	16
XOP	OPTN	SPDR S&P Oil & Gas Exploration & Production ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00115	16
2XOP	OPTN	SPDR S&P Oil & Gas Exploration & Produ (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00115	16
FNGA	EQUI	BANK MONTREAL QUEMICROSECTORS FAN	Yes	No	0.00		1	3.00	No	Yes	00025	25
FNGD	EQUI	MicroSectors FANG+ Index -3X Inverse Leveraged ETN	Yes	No	0.00		1	-3.00	No	Yes	00025	25
FNGO	EQUI	BANK MONTREAL QUE2X LEVERAGED	Yes	No	0.00		1	2.00	No	Yes	00025	25
FNGS	EQUI	BANK MONTREAL QUEMICRSECTR FANG	Yes	No	0.00		1	1.00	No	Yes	00025	25
FNG	FUTU	NYSE Fang Index Future	Yes	No	1.25		5	1.00	No	No	00025	25
FNGS	OPTN	MICROSECTORS FANG ETN	Yes	No	25.00		100	1.00	No	Yes	00025	25
ITB	EQUI	iShares U.S. Home Construction ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00028	30
NAIL	EQUI	DIREXION SHS ETF TRDALY HOM B&S BUL	Yes	Yes	0.00	0.00	1	3.00	Yes	No	00028	30
ITB	OPTN	iShares U.S. Home Construction ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00028	30
NAIL	OPTN	DIREXION SHARES ETF TRUST-DIREXION DAILY	Yes	Yes	25.00	37.50	100	3.00	Yes	No	00028	30
XHB	EQUI	SPDR S&P Homebuilders ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00029	30
XHB	OPTN	SPDR S&P Homebuilders ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00029	30
HGX	OPTN	PHLX HOUSING SECT	Yes	Yes	25.00	37.50	100	1.00	No	No	00030	30
EUR	CURR	Euro	Yes	No	0.00		1	1.00	No	No	00035	35
EUO	EQUI	ProShares UltraShort Euro	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00035	35
FXE	EQUI	Invesco CurrencyShares Euro Currency Trust	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00035	35
ULE	EQUI	ProShares Ultra Euro	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00035	35

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
EC	FUTU	CME Euro FX	Yes	No	25.00		125,000	1.00	No	No	00035	35
E7	FUTU	CME E-MINI Euro FX (non-cleared)	Yes	No	25.00		62,500	1.00	No	No	00035	35
EC	OPTN	CME Euro FX (Amer Style)	Yes	No	25.00		125,000	1.00	No	No	00035	35
EUO	OPTN	ProShares UltraShort Euro	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00035	35
EUU	OPTN	CME Euro FX 2pm	Yes	No	25.00		125,000	1.00	No	No	00035	35
E7	OPTN	CME E-Mini Euro FX (non-cleared)	Yes	No	25.00		62,500	1.00	No	No	00035	35
FXE	OPTN	Invesco CurrencyShares Euro Currency Trust	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00035	35
ULE	OPTN	ProShares Ultra Euro	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00035	35
WE1	OPTN	CME WK1 EURO 2pm(weekly)	Yes	No	25.00		125,000	1.00	No	No	00035	35
WE2	OPTN	CME WK2 EURO 2pm(weekly)	Yes	No	25.00		125,000	1.00	No	No	00035	35
WE3	OPTN	CME WK3 EURO 2pm(weekly)	Yes	No	25.00		125,000	1.00	No	No	00035	35
WE4	OPTN	CME WK4 EURO 2pm(weekly)	Yes	No	25.00		125,000	1.00	No	No	00035	35
WE5	OPTN	CME WK5 EURO 2pm(weekly)	Yes	No	25.00		125,000	1.00	No	No	00035	35
XDE	OPTN	PHLX U.S. Dollar-Settled Euro FCO	Yes	No	25.00		100	1.00	No	No	00035	35
YT	OPTN	CME Euro FX (Euro style)	Yes	No	25.00		125,000	1.00	No	No	00035	35
1EU	OPTN	CME WK1 EURO 2pm(weekly)	Yes	No	25.00		125,000	1.00	No	No	00035	35
1T	OPTN	CME Euro FX (Euro Style) WK1	Yes	No	25.00		125,000	1.00	No	No	00035	35
2EU	OPTN	CME WK2 EURO 2pm(weekly)	Yes	No	25.00		125,000	1.00	No	No	00035	35
2T	OPTN	CME Euro FX (Euro Style) WK2	Yes	No	25.00		125,000	1.00	No	No	00035	35
3EU	OPTN	CME WK3 EURO 2pm(weekly)	Yes	No	25.00		125,000	1.00	No	No	00035	35
3T	OPTN	CME Euro FX (Euro Style) WK3	Yes	No	25.00		125,000	1.00	No	No	00035	35
4EU	OPTN	CME WK4 EURO 2pm(weekly)	Yes	No	25.00		125,000	1.00	No	No	00035	35
4T	OPTN	CME Euro FX (Euro Style) WK4	Yes	No	25.00		125,000	1.00	No	No	00035	35
5EU	OPTN	CME WK5 EURO 2pm(weekly)	Yes	No	25.00		125,000	1.00	No	No	00035	35
5T	OPTN	CME Euro FX (Euro Style) WK5	Yes	No	25.00		125,000	1.00	No	No	00035	35
FBT	EQUI	FIRST TR EXCHANGE TRADED FDNY ARCA BIOTECH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00039	36
FBT	OPTN	First Trust NYSE Arca Biotechnology Index Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00039	36
BIB	EQUI	PROSHARES TRPSHS ULT NASB	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00044	36
BIS	EQUI	PROSHARES TRPSHS ULSH NA B	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00044	36
IBBQ	EQUI	INVESCO EXCH TRADED FD TR IINASDAQ BIOTECH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00044	36
BQ	FUTU	CME E-MINI NASDAQ BIOTECHNOLOGY INDEX FUTURE	Yes	No	6.25		25	1.00	No	No	00044	36
BIB	OPTN	ProShares Ultra Nasdaq Biotechnology	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00044	36
BIS	OPTN	ProShares UltraShort Nasdaq Biotechnology	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00044	36
IBBQ	OPTN	INVESCO NASDAQ BIOTECHNOLOGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00044	36
IBB	EQUI	iShares Biotechnology ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00136	36
IBB	OPTN	iShares Biotechnology ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00136	36
LABD	EQUI	Direxion Daily S&P Biotech Bear 3X Shares ETF	Yes	Yes	0.00	0.00	1	-3.00	Yes	No	00513	36
LABU	EQUI	Direxion Daily S&P Biotech Bull 3X Shares ETF	Yes	Yes	0.00	0.00	1	3.00	Yes	No	00513	36
XBI	EQUI	SPDR S&P Biotech ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00513	36
SXT	FUTU	E-mini S&P Biotechnology Select Industry Futures	Yes	No	2.50		10	1.00	No	No	00513	36
LABD	OPTN	Direxion Daily S&P Biotech Bear 3X Shares	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	00513	36
LABU	OPTN	Direxion Daily S&P Biotech Bull 3X Shares	Yes	Yes	25.00	37.50	100	3.00	Yes	No	00513	36
LABU1	OPTN	Direxion Daily S&P Biotech Bull 3X (1:20 Rev Spl)	Yes	Yes	25.00	37.50	100	3.00	Yes	No	00513	36
XBI	OPTN	SPDR S&P Biotech ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00513	36
2XBI	OPTN	SPDR S&P Biotech ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00513	36
PBE	EQUI	Invesco Biotechnology & Genome ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00516	36
PBE	OPTN	Invesco Biotechnology & Genome ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00516	36
PPH	EQUI	VanEck Pharmaceutical ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00036	37
PPH	OPTN	VanEck Pharmaceutical ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00036	37
IHE	EQUI	iShares U.S. Pharmaceuticals ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00037	37

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
IHE	OPTN	iShares U.S. Pharmaceuticals ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00037	37
PJP	EQUI	Invesco Pharmaceuticals ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00038	37
PJP	OPTN	Invesco Pharmaceuticals ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00038	37
IEV	EQUI	iShares Europe ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00034	42
IEV	OPTN	iShares Europe ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00034	42
FEZ	EQUI	SPDR Euro Stoxx 50 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00040	42
FEZ	OPTN	SPDR EURO STOXX 50 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00040	42
EZU	EQUI	iShares MSCI Eurozone ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00041	42
EZU	OPTN	iShares MSCI Eurozone ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00041	42
EPV	EQUI	ProShares UltraShort FTSE Europe	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00042	42
UPV	EQUI	PROSHARES TRULT FTSE EUROPE	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00042	42
VGK	EQUI	Vanguard FTSE Europe ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00042	42
EPV	OPTN	ProShares UltraShort FTSE Europe	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00042	42
EPV1	OPTN	ProShares UltraShort FTSE Europe (1:5 R Split)	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00042	42
UPV	OPTN	PROSHARES ULTRA FTSE EUROPE	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00042	42
VGK	OPTN	Vanguard FTSE Europe ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00042	42
IEUR	EQUI	ISHARES TRCORE MSCI EURO	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00063	42
IEUR	OPTN	iShares Core MSCI Europe ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00063	42
SPEU	EQUI	SPDR INDEX SHS FDSPORTFLO EURP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00065	42
SPEU	OPTN	SPDR PORTFOLIO EUROPE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00065	42
BBEU	EQUI	JP MORGAN BETA BUILDERS EUROPE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00074	42
BBEU	OPTN	JP MORGAN BETA BUILDERS EUROPE	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00074	42
IWM	EQUI	iShares Russell 2000 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00043	45
IWML	EQUI	UBS AG LONDON BRANCHCAL LKD 51	Yes	No	0.00		1	2.00	No	Yes	00043	45
RSSL	EQUI	Global X Russell 2000 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00043	45
RWM	EQUI	ProShares Short Russell2000	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	00043	45
SRTY	EQUI	PROSHARES ULTRAPRO SHORT RUSSELL2000	Yes	Yes	0.00	0.00	1	-3.00	Yes	No	00043	45
TNA	EQUI	Direxion Daily Small Cap Bull 3X Shares	Yes	Yes	0.00	0.00	1	3.00	Yes	No	00043	45
TWM	EQUI	ProShares UltraShort Russell2000	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00043	45
TZA	EQUI	Direxion Daily Small Cap Bear 3X Shares	Yes	Yes	0.00	0.00	1	-3.00	Yes	No	00043	45
URTY	EQUI	PROSHARES ULTRAPRO RUSSELL2000	Yes	Yes	0.00	0.00	1	3.00	Yes	No	00043	45
UWM	EQUI	ProShares Ultra Russell2000	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00043	45
VTWO	EQUI	VANGUARD RUSSELL 2000 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00043	45
A2R	FUTU	CME Total Return AIR E-mini Russell 2000 EFR Futu	Yes	No	2.50		10	1.00	No	No	00043	45
M2K	FUTU	CME Micro E-mini Russell 2000 Index Futures	Yes	No	1.25		5	1.00	No	No	00043	45
RTY	FUTU	E-mini Russell 2000 Index Futures	Yes	No	12.50		50	1.00	No	No	00043	45
IWM	OPTN	iShares Russell 2000 ETF	Yes	Yes	2.50	3.75	100	1.00	Yes	No	00043	45
MRUT	OPTN	Mini Russell 2000 Index Options	Yes	Yes	25.00	37.50	100	1.00	No	No	00043	45
RSSL	OPTN	GLOBAL X RUSSELL 2000 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00043	45
RTM	OPTN	E-mini Russell 2000 EOM Options	Yes	No	12.50		50	1.00	No	No	00043	45
RTO	OPTN	E-mini Russell 2000 Options	Yes	No	12.50		50	1.00	No	No	00043	45
RUT	OPTN	RUSSELL 2000 OPEN/EURO INDEX	Yes	Yes	25.00	37.50	100	1.00	No	No	00043	45
RUTW	OPTN	Russell 2000 Index Option	Yes	Yes	25.00	37.50	100	1.00	No	No	00043	45
RUT9	OPTN	RUSSELL 2000 MICRO	Yes	Yes	0.25	0.375	1	1.00	No	No	00043	45
RWM	OPTN	ProShares Short Russell 2000	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	00043	45
R1A	OPTN	E-mini Russell 2000 Weekly Monday	Yes	No	12.50		50	1.00	No	No	00043	45
R1C	OPTN	E-mini Russell 2000 Weekly Wednesday	Yes	No	12.50		50	1.00	No	No	00043	45
R1D	OPTN	E-mini Russell 2000 Weekly Thursday	Yes	No	12.50		50	1.00	No	No	00043	45
R1E	OPTN	E-mini Russell 2000 Weekly Options	Yes	No	12.50		50	1.00	No	No	00043	45
R1U	OPTN	E-mini Russell 2000 Weekly Tuesday	Yes	No	12.50		50	1.00	No	No	00043	45

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R2A	OPTN	E-mini Russell 2000 Weekly Monday	Yes	No	12.50		50	1.00	No	No	00043	45
R2C	OPTN	E-mini Russell 2000 Weekly Wednesday	Yes	No	12.50		50	1.00	No	No	00043	45
R2D	OPTN	E-mini Russell 2000 Weekly Thursday	Yes	No	12.50		50	1.00	No	No	00043	45
R2E	OPTN	E-mini Russell 2000 Weekly Options	Yes	No	12.50		50	1.00	No	No	00043	45
R2U	OPTN	E-mini Russell 2000 Weekly Tuesday	Yes	No	12.50		50	1.00	No	No	00043	45
R3A	OPTN	E-mini Russell 2000 Weekly Monday	Yes	No	12.50		50	1.00	No	No	00043	45
R3C	OPTN	E-mini Russell 2000 Weekly Wednesday	Yes	No	12.50		50	1.00	No	No	00043	45
R3D	OPTN	E-mini Russell 2000 Weekly Thursday	Yes	No	12.50		50	1.00	No	No	00043	45
R3E	OPTN	E-mini Russell 2000 Weekly Options	Yes	No	12.50		50	1.00	No	No	00043	45
R3U	OPTN	E-mini Russell 2000 Weekly Tuesday	Yes	No	12.50		50	1.00	No	No	00043	45
R4A	OPTN	E-mini Russell 2000 Weekly Monday	Yes	No	12.50		50	1.00	No	No	00043	45
R4C	OPTN	E-mini Russell 2000 Weekly Wednesday	Yes	No	12.50		50	1.00	No	No	00043	45
R4D	OPTN	E-mini Russell 2000 Weekly Thursday	Yes	No	12.50		50	1.00	No	No	00043	45
R4E	OPTN	E-mini Russell 2000 Weekly Options	Yes	No	12.50		50	1.00	No	No	00043	45
R4U	OPTN	E-mini Russell 2000 Weekly Tuesday	Yes	No	12.50		50	1.00	No	No	00043	45
R5A	OPTN	E-mini Russell 2000 Weekly Monday	Yes	No	12.50		50	1.00	No	No	00043	45
R5C	OPTN	E-mini Russell 2000 Weekly Wednesday	Yes	No	12.50		50	1.00	No	No	00043	45
R5D	OPTN	E-mini Russell 2000 Weekly Thursday	Yes	No	12.50		50	1.00	No	No	00043	45
R5U	OPTN	E-mini Russell 2000 Weekly Tuesday	Yes	No	12.50		50	1.00	No	No	00043	45
SRTY	OPTN	ProShares UltraPro Short Russell2000	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	00043	45
TNA	OPTN	Direxion Daily Small Cap Bull 3X Shares	Yes	Yes	25.00	37.50	100	3.00	Yes	No	00043	45
TWM	OPTN	Proshares UltrShort Russell 2000	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00043	45
TWM1	OPTN	Proshares UltrShort Russell 2000 (1:5 R Split)	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00043	45
TZA	OPTN	Direxion Daily Small Cap Bear 3X Shares	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	00043	45
URTY	OPTN	ProShares UltraPro Russell2000	Yes	Yes	25.00	37.50	100	3.00	Yes	No	00043	45
UWM	OPTN	ProShares Ultra Russell2000	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00043	45
VTWO	OPTN	Vanguard Russell 2000 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00043	45
1IWM	OPTN	iShares Russell 2000 ETF (AMER/FLEX)	Yes	Yes	2.50	3.75	100	1.00	Yes	No	00043	45
1MRUT	OPTN	AM Flex Mini Russell 2000 Index Options	Yes	Yes	25.00	37.50	100	1.00	No	No	00043	45
1RUT	OPTN	RUSSELL 2000 OPEN/EURO INDEX (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	00043	45
1RUT9	OPTN	CBOE RUSSELL 2000 INDEX Micro Flex AM/AMER	Yes	Yes	0.25	0.375	1	1.00	No	No	00043	45
2IWM	OPTN	iShares Russell 2000 ETF (EURO/FLEX)	Yes	Yes	2.50	3.75	100	1.00	Yes	No	00043	45
2MRUT	OPTN	AM Flex Mini Russell 2000 Index Options	Yes	Yes	25.00	37.50	100	1.00	No	No	00043	45
2RUT	OPTN	RUSSELL 2000 INDEX AM/EURO (FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	00043	45
2RUT9	OPTN	CBOE RUSSELL 2000 INDEX Micro Flex AM/EURO	Yes	Yes	0.25	0.375	1	1.00	No	No	00043	45
3RUT	OPTN	RUSSELL 2000 OPEN/EURO INDEX (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	00043	45
3RUT9	OPTN	CBOE RUSSELL 2000 INDEX Micro Flex PM/AMER	Yes	Yes	0.25	0.375	1	1.00	No	No	00043	45
4IWM	OPTN	iShares Russell 2000 ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00043	45
4RUT	OPTN	RUSSELL 2000 INDEX PM/EURO (FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	00043	45
4RUT9	OPTN	CBOE RUSSELL 2000 INDEX Micro Flex PM/EURO	Yes	Yes	0.25	0.375	1	1.00	No	No	00043	45
5RUT	OPTN	Russell 2000 Asian Flex Option	Yes	No	25.00		100	1.00	No	No	00043	45
6RUT	OPTN	Russell 2000 Cliquet Flex Option	Yes	No	25.00		100	1.00	No	No	00043	45
IJR	EQUI	iShares Core S&P Small-Cap ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00045	45
SAA	EQUI	ProShares Ultra SmallCap600	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00045	45
SBB	EQUI	PROSHARES TRSHRT SMALLCAP60	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	00045	45
SDD	EQUI	PROSHARES TRULTSHT SMLCP600	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00045	45
SPSM	EQUI	SPDR Portfolio S&P 600 Small Cap ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00045	45
VIOO	EQUI	VANGUARD ADMIRAL FDS INCSMLLCP 600 IDX	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00045	45
MSC	FUTU	MICRO E-MINI S&P SMALLCAP 600 FUTURES	Yes	No	2.50		10	1.00	No	No	00045	45
SMC	FUTU	CME E-MINI S&P SMALLCAP 600 INDEX	Yes	No	25.00		100	1.00	No	No	00045	45

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IJR	OPTN	iShares Core S&P Small-Cap ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00045	45
SAA	OPTN	ProShares Ultra SmallCap 600	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00045	45
SBB	OPTN	PROSHARES SHORT SMALLCAP600	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	00045	45
SDD	OPTN	PROSHARES ULTRASHORT SMALLCAP600	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00045	45
SMC	OPTN	CME E-Mini S&P SmallCap 600 Index Futures	Yes	No	25.00		100	1.00	No	No	00045	45
SPSM	OPTN	SPDR Portfolio S&P 600 Small Cap ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00045	45
VIOO	OPTN	VANGUARD S&P SMALL-CAP 600 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00045	45
VB	EQUI	Vanguard Small-Cap ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00046	45
VB	OPTN	Vanguard Small-Cap ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00046	45
VXF	EQUI	VANGUARD INDEX FDSEXTEND MKT ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00048	45
VXF	OPTN	Vanguard Extended Market Index Fund ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00048	45
IWO	EQUI	iShares Russell 2000 Growth ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00058	45
VTWG	EQUI	Vanguard Russell 2000 Growth ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00058	45
R2G	FUTU	E-mini Russell 2000 Growth Index Futures	Yes	No	12.50		50	1.00	No	No	00058	45
IWO	OPTN	iShares Russell 2000 Growth ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00058	45
VTWG	OPTN	VANGUARD RUSSELL 2000 GROWTH FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00058	45
IWN	EQUI	iShares Russell 2000 Value ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00066	45
VTWV	EQUI	VANGUARD SCOTTSDALE FDSVNG RUS2000VAL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00066	45
R2V	FUTU	E-mini Russell 2000 Value Index Futures	Yes	No	12.50		50	1.00	No	No	00066	45
IWN	OPTN	iShares Russell 2000 Value ETF	Yes	Yes	2.50	3.75	100	1.00	Yes	No	00066	45
VTWV	OPTN	VANGUARD RUSSELL 2000 VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00066	45
IJT	EQUI	iShares S&P Small-Cap 600 Growth ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00073	45
SLYG	EQUI	SPDR SER TRS&P 600 SMCP GRW	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00073	45
VIOG	EQUI	VANGUARD ADMIRAL FDS INCSMLCP 600 GRTH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00073	45
IJT	OPTN	iShares S&P Small-Cap 600 Growth ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00073	45
SLYG	OPTN	SPDR S&P 600 SMALL CAP GROWTH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00073	45
VIOG	OPTN	VANGUARD S&P SMALL-CAP 600 GROWTH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00073	45
SCHA	EQUI	SCHWAB STRATEGIC TRUS SML CAP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00077	45
SCHA	OPTN	Schwab US Small-Cap ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00077	45
RZG	EQUI	INVE스코 EXCHANGE TRADED FD TS&P SML600 GWT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00086	45
RZG	OPTN	INVE스코 S&P SMALLCAP 600 PURE GROWTH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00086	45
GSSC	EQUI	GOLDMAN SACHS ETF TRACTIVEBETA US	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00087	45
IJH	EQUI	iShares Core S&P Mid-Cap ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00012	47
IVOO	EQUI	VANGUARD ADMIRAL FDS INCMIDCP 400 IDX	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00012	47
MDY	EQUI	SPDR S&P MidCap 400 ETF Trust	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00012	47
MIDU	EQUI	Direxionshares Daily Mid Cap Bull 3X Shares	Yes	Yes	0.00	0.00	1	3.00	Yes	No	00012	47
MVV	EQUI	PROSHARES TRPSHS ULT MCAP400	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00012	47
MYV	EQUI	ProShares Short MidCap400	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	00012	47
MZZ	EQUI	ProShares UltraShort MidCap400	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00012	47
SMDD	EQUI	PROSHARES TRULTPRO SHT MDCP	Yes	Yes	0.00	0.00	1	-3.00	Yes	No	00012	47
SPMD	EQUI	SPDR SER TRPORTFOLIO S&P400	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00012	47
UMDD	EQUI	PROSHARES ULTRAPRO MIDCAP400	Yes	Yes	0.00	0.00	1	3.00	Yes	No	00012	47
ME	FUTU	CME E-MINI S&P MID-CAP 400	Yes	No	25.00		100	1.00	No	No	00012	47
MMC	FUTU	MICRO E-MINI S&P MIDCAP 400 FUTURES	Yes	No	2.50		10	1.00	No	No	00012	47
IJH	OPTN	iShares Core S&P Mid-Cap ETF	Yes	Yes	2.50	3.75	100	1.00	Yes	No	00012	47
IVOO	OPTN	VANGUARD S&P MID-CAP 400 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00012	47
MDY	OPTN	SPDR S&P MidCap 400 ETF Trust	Yes	Yes	5.00	7.50	100	1.00	Yes	No	00012	47
ME	OPTN	CME E-MINI S&P MID-CAP 400	Yes	No	25.00		100	1.00	No	No	00012	47
ME3	OPTN	CME E-MINI S&P MID-CAP 400	Yes	No	25.00		100	1.00	No	No	00012	47
MIDU	OPTN	Direxionshares Daily Mid Cap Bull 3X Shares	Yes	Yes	25.00	37.50	100	3.00	Yes	No	00012	47

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MVV	OPTN	PROSHARES ULTRA MIDCAP400	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00012	47
MYY	OPTN	ProShares Short MidCap 400	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	00012	47
MZZ	OPTN	ProShares UltraShort MidCap400	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00012	47
SMDD	OPTN	PROSHARES ULTRAPRO SHORT MIDCAP400	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	00012	47
SPMD	OPTN	SPDR PORTFOLIO S&P 400 MID CAP ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00012	47
UMDD	OPTN	ProShares UltraPro MidCap400	Yes	Yes	25.00	37.50	100	3.00	Yes	No	00012	47
2MDY	OPTN	SPDR S&P MidCap 400 ETF Trust (EURO/FLEX)	Yes	Yes	5.00	7.50	100	1.00	Yes	No	00012	47
IWR	EQUI	iShares Russell Mid-Cap ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00047	47
IWR	OPTN	iShares Russell Mid-Cap ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00047	47
IJK	EQUI	iShares S&P Mid-Cap 400 Growth ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00049	47
IVOG	EQUI	VANGUARD ADMIRAL FDS INCMIDCP 400 GRTH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00049	47
MDYG	EQUI	SPDR SER TRS&P 400 MDCP GRW	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00049	47
IJK	OPTN	iShares S&P Mid-Cap 400 Growth ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00049	47
IVOG	OPTN	VANGUARD S&P MID-CAP 400 GROWTH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00049	47
MDYG	OPTN	S&P 400 MIDCAP GROWTH	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00049	47
IWS	EQUI	iShares Russell Mid-Cap Value ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00079	47
IWS	OPTN	iShares Russell Mid-Cap Value ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00079	47
XMHQ	EQUI	INVESCO EXCHANGE TRADED FD TS&P MDCP QUALITY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00082	47
XMHQ	OPTN	INVESCO S&P MIDCAP QUALITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00082	47
IQSM	EQUI	NEW YORK LIFE INVESTMENTS ETCANDRIAM US MID	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00088	47
XJH	EQUI	iShares ESG Screened S&P Mid-Cap ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00090	47
IUSG	EQUI	iShares Core S&P U.S. Growth ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00050	52
IUSG	OPTN	iShares Core S&P U.S. Growth ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00050	52
IWF	EQUI	iShares Russell 1000 Growth ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00051	52
IWFL	EQUI	UBS AG LONDON BRANCHNT LKD 51	Yes	No	0.00		1	2.00	No	Yes	00051	52
VONG	EQUI	VANGUARD SCOTTSDALE FDSVNG RUS1000GRW	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00051	52
RSG	FUTU	E-mini Russell Growth 1000 Index	Yes	No	12.50		50	1.00	No	No	00051	52
IWF	OPTN	iShares Russell 1000 Growth ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00051	52
RLG	OPTN	CBOE Russell 1000 Growth Index Options	Yes	Yes	25.00	37.50	100	1.00	No	No	00051	52
VONG	OPTN	VANGUARD RUSSELL 1000 GROWTH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00051	52
IVW	EQUI	iShares S&P 500 Growth ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00052	52
SPYG	EQUI	SPDR Portfolio S&P 500 Growth ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00052	52
VOOG	EQUI	VANGUARD ADMIRAL FDS INC500 GRTH IDX F	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00052	52
SG	FUTU	CME S&P BARRA GROWTH INDEX	Yes	No	62.50		250	1.00	No	No	00052	52
IVW	OPTN	iShares S&P 500 Growth ETF	Yes	Yes	2.50	3.75	100	1.00	Yes	No	00052	52
SPYG	OPTN	SPDR PORTFOLIO S&P 500 GROWTH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00052	52
VOOG	OPTN	VANGUARD S&P 500 GROWTH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00052	52
IVE	EQUI	iShares S&P 500 Value ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00053	53
SPYV	EQUI	SPDR Portfolio S&P 500 Value ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00053	53
VOOV	EQUI	VANGUARD ADMIRAL FDS INC500 VAL IDX FD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00053	53
SU	FUTU	CME S&P BARRA VALUE INDEX	Yes	No	62.50		250	1.00	No	No	00053	53
IVE	OPTN	iShares S&P 500 Value ETF	Yes	Yes	2.50	3.75	100	1.00	Yes	No	00053	53
SPYV	OPTN	SPDR PORTFOLIO S&P 500 VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00053	53
VOOV	OPTN	VANGUARD S&P 500 VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00053	53
IWD	EQUI	iShares Russell 1000 Value ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00055	53
IWDL	EQUI	UBS AG LONDON BRANCHCAL LKD 51	Yes	No	0.00		1	2.00	No	Yes	00055	53
VONV	EQUI	VANGUARD SCOTTSDALE FDSVNG RUS1000VAL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00055	53
RSV	FUTU	E-mini Russell 1000 Value Index	Yes	No	12.50		50	1.00	No	No	00055	53
IWD	OPTN	iShares Russell 1000 Value ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00055	53
RLV	OPTN	CBOE Russell 1000 Value Index Options	Yes	Yes	25.00	37.50	100	1.00	No	No	00055	53

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
VONV	OPTN	VANGUARD RUSSELL 1000 VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00055	53
IUSV	EQUI	iShares Core S&P U.S. Value ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00069	53
IUSV	OPTN	ISHARES CORE S&P U.S. VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00069	53
TEQI	EQUI	T ROWE PRICE ETF INCPRICE EQT INCOME	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00072	53
UTY	OPTN	PHLX UTILITY INDEX OPTION	Yes	Yes	25.00	37.50	100	1.00	No	No	00057	57
4UTY	OPTN	PHLX UTILITY INDEX OPTION PM/EURO	Yes	Yes	25.00	37.50	100	1.00	No	No	00057	57
IDU	EQUI	iShares U.S. Utilities ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00257	57
IDU	OPTN	iShares U.S. Utilities ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00257	57
SDP	EQUI	PROSHARES TRULSHRT UTILS NEW	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00501	57
UPW	EQUI	PROSHARES TRPSHS ULTRA UTIL	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00501	57
XLU	EQUI	UTILITIES SELECT SECT SPDR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00501	57
XAU	FUTU	E-mini Utilities Select Sector Futures	Yes	No	25.00		100	1.00	No	No	00501	57
SDP	OPTN	PROSHARES ULTRASHORT UTILITIES	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00501	57
SDP1	OPTN	PROSHARES ULTRASHORT UTILITIES (1:2 R Split)	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00501	57
SIXU	OPTN	Utilities Select Sector Index Options	Yes	Yes	25.00	37.50	100	1.00	No	No	00501	57
UPW	OPTN	PROSHARES ULTRA UTILITIES	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00501	57
XAU	OPTN	E-mini Utilities Select Sector Futures	Yes	No	25.00		100	1.00	No	No	00501	57
XLU	OPTN	UTILITIES SECTOR SPDR	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00501	57
2XLU	OPTN	UTILITIES SECTOR SPDR (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00501	57
VPU	EQUI	VANGUARD WORLD FDSUTILITIES ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00505	57
VPU	OPTN	Vanguard Utilities Index Fund ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00505	57
RSPU	EQUI	INVESCO EXCHANGE TRADED FD TS&P500 EQL UTL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00515	57
RSPU	OPTN	Invesco S&P 500 Equal Weight Utilities ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00515	57
EWJ	EQUI	iShares MSCI Japan ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00054	59
EWV	EQUI	ProShares UltraShort MSCI Japan	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00054	59
EZJ	EQUI	PROSHARES ULTRA MSCI JAPAN ETF	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00054	59
EWJ	OPTN	iShares MSCI Japan ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00054	59
EWV	OPTN	ProShares UltraShort MSCI Japan	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00054	59
EWV1	OPTN	ProShares UltraShort MSCI Japan (1:4 R Split)	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00054	59
EZJ	OPTN	ProShares Ultra MSCI Japan	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00054	59
2EWJ	OPTN	iShares MSCI Japan ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00054	59
FLJP	EQUI	FRANKLIN TEMPLETON ETF TRFTSE JAPAN ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00056	59
FLJP	OPTN	FRANKLIN FTSE JAPAN ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00056	59
BBJP	EQUI	JPMORGAN BETABUILDERS JAPAN ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00059	59
BBJP	OPTN	JPMORGAN BETABUILDERS JAPAN ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00059	59
JPXN	EQUI	ISHARES TRJPX NIKKEI 400	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00151	59
FT1	FUTU	E-mini FTSE 100 Index	Yes	No	2.50		10	1.00	No	No	00060	60
URTH	EQUI	ISHARESMSCI WORLD ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00067	67
MWL	FUTU	Mini MSCI World Index Future	Yes	No	12.50		50	1.00	No	No	00067	67
MXWLD	OPTN	Cboe MSCI World Index Options	Yes	Yes	25.00	37.50	100	1.00	No	No	00067	67
URTH	OPTN	iShares MSCI World ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00067	67
ACWI	EQUI	iShares MSCI ACWI ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00165	67
MMW	FUTU	MSCI ACWI NTR Index Future	Yes	No	50.00		200	1.00	No	No	00165	67
ACWI	OPTN	iShares MSCI ACWI ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00165	67
MXACW	OPTN	Cboe MSCI ACWI Options	Yes	Yes	25.00	37.50	100	1.00	No	No	00165	67
VT	EQUI	Vanguard TOT World STK Index	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00166	67
VT	OPTN	Vanguard Total World Stock Index Fund ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00166	67
VEU	EQUI	Vanguard FTSE All-World Ex-US Index Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00167	67
VEU	OPTN	Vanguard FTSE All-World ex US ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00167	67
SPDW	EQUI	SPDR Portfolio Developed World ex-US ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00168	67



RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
SPDW	OPTN	SPDR Portfolio Developed World ex-US ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00168	67
ACWX	EQUI	iShares MSCI ACWI ex US ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00169	67
CWI	EQUI	SPDR MSCI ACWI ex-US ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00169	67
ACWX	OPTN	iShares MSCI ACWI ex US ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00169	67
CWI	OPTN	SPDR MSCI ACWI ex-US ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00169	67
VXUS	EQUI	Vanguard Total International Stock ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00170	67
VXUS	OPTN	Vanguard Total International Stock ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00170	67
SCHF	EQUI	SCHWAB STRATEGIC TRINTL EQTY ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00171	67
SCHF	OPTN	Schwab International Equity ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00171	67
SPGM	EQUI	SPDR INDEX SHS FDSPORTFLI MSCI GBL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00172	67
SPGM	OPTN	SPDR PORTFOLIO MSCI GLOBAL STOCK MARKET ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00172	67
VSGX	EQUI	Vanguard ESG Intl Stock ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00173	67
VSGX	OPTN	VANGUARD ESG INTERNATIONAL STOCK ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00173	67
GSIE	EQUI	GOLDMAN SACHS ETF TRACTIVEBETA INT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00174	67
GSIE	OPTN	Goldman Sachs ActiveBeta International Equity ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00174	67
CRBN	EQUI	ISHARES TRMSCI LW CRB TG	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00175	67
CRBN	OPTN	ISHARES MSCI ACWI LOW CARBON TARGET ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00175	67
IYR	EQUI	iShares U.S. Real Estate ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00061	68
JR	FUTU	CME DOW JONES U.S. Real Estate	Yes	No	25.00		100	1.00	No	No	00061	68
IYR	OPTN	iShares U.S. Real Estate ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00061	68
2IYR	OPTN	iShares U.S. Real Estate ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00061	68
4IYR	OPTN	iShares U.S. Real Estate ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00061	68
VNQ	EQUI	Vanguard Real Estate ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00062	68
VNQ	OPTN	Vanguard Real Estate ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00062	68
RWR	EQUI	SPDR Dow Jones REIT ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00064	68
SCHH	EQUI	SCHWAB STRATEGIC TRUS REIT ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00064	68
RWR	OPTN	SPDR Dow Jones REIT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00064	68
SCHH	OPTN	Schwab U.S. REIT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00064	68
ICF	EQUI	iShares Cohen & Steers REIT ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00068	68
ICF	OPTN	iShares Cohen & Steers REIT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00068	68
DRN	EQUI	Direxion Daily Real Estate Bull 3X Shares	Yes	Yes	0.00	0.00	1	3.00	Yes	No	00070	68
DRV	EQUI	Direxion Daily Real Estate Bear 3X Shares	Yes	Yes	0.00	0.00	1	-3.00	Yes	No	00070	68
REK	EQUI	ProShares Short Real Estate	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	00070	68
SRS	EQUI	ProShares UltraShort Real Estate	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00070	68
URE	EQUI	ProShares Ultra Real Estate	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00070	68
XLRE	EQUI	Real Estate Select Sector SPDR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00070	68
XAR	FUTU	E-mini S&P Real Estate Select Sector Index Futures	Yes	No	62.50		250	1.00	No	No	00070	68
DRN	OPTN	Direxion Daily Real Estate Bull 3X Shares	Yes	Yes	25.00	37.50	100	3.00	Yes	No	00070	68
DRV	OPTN	Direxion Daily Real Estate Bear 3X Shares	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	00070	68
REK	OPTN	ProShares Short Real Estate	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	00070	68
SIXRE	OPTN	Real Estate Select Sector Index Options	Yes	Yes	25.00	37.50	100	1.00	No	No	00070	68
SRS	OPTN	ProShares UltraShort Real Estate	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00070	68
SRS1	OPTN	ProShares UltraShort Real Estate (1:4 R Split)	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00070	68
URE	OPTN	ProShares UltraShort Real Estate	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00070	68
XLRE	OPTN	Real Estate Select Sector SPDR	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00070	68
2XLRE	OPTN	Real Estate Select Sector SPDR (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00070	68
RSPR	EQUI	INVESCO EXCHANGE TRADED FD TS&P500 EQL REL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00071	68
RSPR	OPTN	Invesco S&P 500 Equal Weight Real Estate ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00071	68
REW	EQUI	ProShares UltraShort Technology	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00128	76
ROM	EQUI	ProShares Ultra Technology	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00128	76

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
TECL	EQUI	Direxion Daily Technology Bull 3X Shares	Yes	Yes	0.00	0.00	1	3.00	Yes	No	00128	76
TECS	EQUI	Direxion Daily Technology Bear 3X Shares	Yes	Yes	0.00	0.00	1	-3.00	Yes	No	00128	76
XLK	EQUI	TECHNOLOGY SELECT SECT SPDR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00128	76
XAK	FUTU	E-mini Technology Select Sector Futures	Yes	No	25.00		100	1.00	No	No	00128	76
REW	OPTN	ProShares UltraShort Technology	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00128	76
ROM	OPTN	ProShares Ultra Technology	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00128	76
SIXT	OPTN	Technology Select Sector Index Options	Yes	Yes	25.00	37.50	100	1.00	No	No	00128	76
TECL	OPTN	Direxion Daily Technology Bull 3X Shares	Yes	Yes	25.00	37.50	100	3.00	Yes	No	00128	76
TECS	OPTN	Direxion Daily Technology Bear 3X Shares	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	00128	76
TECS1	OPTN	Direxion Daily Technology Bear 3X Shares(1:10)	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	00128	76
XAK	OPTN	E-mini Technology Select Sector Futures Options	Yes	No	25.00		100	1.00	No	No	00128	76
XLK	OPTN	TECHNOLOGY SECTOR SPDR	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00128	76
1XLK	OPTN	TECHNOLOGY SECTOR SPDR (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00128	76
2XLK	OPTN	TECHNOLOGY SECTOR SPDR (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00128	76
VGT	EQUI	VANGUARD WORLD FDSINF TECH ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00129	76
VGT	OPTN	Vanguard Information Technology ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00129	76
FTEC	EQUI	Fidelity MSCI Information Technology Index ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00130	76
FTEC	OPTN	Fidelity MSCI Information Technology Index ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00130	76
IYW	EQUI	iShares U.S. Technology ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00176	76
IYW	OPTN	iShares U.S. Technology ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00176	76
RSPT	EQUI	INVESCO EXCHANGE TRADED FD TS&P500 EQL TEC	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00509	76
RSPT	OPTN	Invesco S&P 500 Equal Weight Technology ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00509	76
FXI	EQUI	iShares China Large CAP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00080	81
FXP	EQUI	ProShares UltraShort FTSE China 50	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00080	81
XPP	EQUI	ProShares Ultra FTSE China 50	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00080	81
YANG	EQUI	Direxion Daily FTSE China Bear 3X Shares	Yes	Yes	0.00	0.00	1	-3.00	Yes	No	00080	81
YINN	EQUI	Direxion Daily FTSE China Bull 3X Shares	Yes	Yes	0.00	0.00	1	3.00	Yes	No	00080	81
YXI	EQUI	PROSHARES TRSHT FTSE CHIN 50	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	00080	81
FT5	FUTU	E-mini FTSE China 50 Index	Yes	No	0.50		2	1.00	No	No	00080	81
FXI	OPTN	iShares China Large-Cap ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00080	81
FXP	OPTN	ProShares UltraShort FTSE China 50	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00080	81
XPP	OPTN	ProShares Ultra FTSE China 50	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00080	81
YANG	OPTN	Direxion Daily FTSE China Bear 3X Shares	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	00080	81
YANG1	OPTN	Direxion Daily FTSE China Bear 3X Shares(1:20)	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	00080	81
YINN	OPTN	Direxion Daily FTSE China Bull 3X Shares	Yes	Yes	25.00	37.50	100	3.00	Yes	No	00080	81
YXI	OPTN	ProShares Short FTSE China 50	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	00080	81
2FXI	OPTN	iShares China Large-Cap ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00080	81
MCHI	EQUI	iShares MSCI China ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00081	81
MCHI	OPTN	iShares MSCI China ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00081	81
GXC	EQUI	SPDR DJ China ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00091	81
GXC	OPTN	SPDR S&P China ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00091	81
CN	EQUI	DBX ETF TRXTRACK MSCI CHNA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00181	81
KALL	EQUI	KRANESHARES TRMSCI ALL CHINA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00181	81
KALL	OPTN	KRANESHARES MSCI ALL CHINA INDEX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00181	81
IYT	EQUI	iShares U.S. Transportation ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00185	85
TPOR	EQUI	DIREXION SHS ETF TRDAILY TRANS 3X	Yes	Yes	0.00	0.00	1	3.00	Yes	No	00185	85
IYT	OPTN	iShares U.S. Transportation ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00185	85
TPOR	OPTN	DIREXION DAILY TRANSPORTATION BULL 3X SHARES	Yes	Yes	25.00	37.50	100	3.00	Yes	No	00185	85
XTN	EQUI	SPDR SER TRS&P TRANSN ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00186	85
XTN	OPTN	SPDR S&P TRANSPORTATION ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00186	85

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
FTXR	EQUI	FIRST TR EXCHANGE-TRADED FDNASDAQ TRANSN	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00519	85
FTXR	OPTN	FIRST TRUST NASDAQ TRANSPORTATION ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00519	85
DBEF	EQUI	Xtrackers MSCI EAFE Hedged Equity ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00205	90
HEFA	EQUI	ISHARES TRHDG MSCI EAFE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00205	90
DBEF	OPTN	Xtrackers MSCI EAFE Hedged Equity ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00205	90
HEFA	OPTN	iShares Currency Hedged MSCI EAFE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00205	90
2HEFA	OPTN	iShares Currency Hedged MSCI EAFE ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00205	90
DBEU	EQUI	Xtrackers MSCI Europe Hedged Equity ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00210	95
DBEU	OPTN	Xtrackers MSCI Europe Hedged Equity ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00210	95
HEZU	EQUI	iShares Currency Hedged MSCI Eurozone ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00211	95
HEZU	OPTN	iShares Currency Hedged MSCI Eurozone ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00211	95
HEDJ	EQUI	WISDOMTREE TREUROPE HEDGED EQ	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00212	95
HEDJ	OPTN	WisdomTree Europe Hedged Equity Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00212	95
DBEZ	EQUI	DBX ETF TRXTRACK MSCI EURO	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00213	95
IYG	EQUI	iShares U.S. Financial Services ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00096	99
IYG	OPTN	iShares U.S. Financial Services ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00096	99
FAS	EQUI	Direxionshares Daily Financial Bull 3X Shares	Yes	Yes	0.00	0.00	1	3.00	Yes	No	00098	99
FAZ	EQUI	Direxionshares Daily Financial Bear 3X Shares	Yes	Yes	0.00	0.00	1	-3.00	Yes	No	00098	99
SEF	EQUI	ProShares Short Financials	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	00098	99
SKF	EQUI	ProShares UltraShort Financials	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00098	99
UYG	EQUI	ProShares Ultra Financials	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00098	99
XLF	EQUI	FINANCIAL SELECT SECT SPDR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00098	99
XAF	FUTU	CME E-mini Financial Select Sector Futures	Yes	No	62.50		250	1.00	No	No	00098	99
FAS	OPTN	Direxionshares Daily Financial Bull 3X Shares	Yes	Yes	25.00	37.50	100	3.00	Yes	No	00098	99
FAZ	OPTN	Direxionshares Daily Financial Bear 3X Shares	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	00098	99
SEF	OPTN	Short Financials ProShares	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	00098	99
SEF1	OPTN	Short Financials ProShares (1:4 Reverse Split)	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	00098	99
SIXM	OPTN	Financial Select Sector Index Options	Yes	Yes	25.00	37.50	100	1.00	No	No	00098	99
SKF	OPTN	ProShares UltraShort Financials	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00098	99
SKF1	OPTN	ProShares UltraShort Financials (1:4 R Split)	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00098	99
UYG	OPTN	ProShares Ultra Financials	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00098	99
XAF	OPTN	E-mini Financial Select Sector Futures Options	Yes	No	62.50		250	1.00	No	No	00098	99
XLF	OPTN	FINANCIAL SECTOR SPDR	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00098	99
1XLF	OPTN	FINANCIAL SECTOR SPDR (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00098	99
2XLF	OPTN	FINANCIAL SECTOR SPDR (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00098	99
4XLF	OPTN	FINANCIAL SECTOR SPDR (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00098	99
IYF	EQUI	iShares U.S. Financials ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00101	99
IYF	OPTN	iShares U.S. Financials ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00101	99
RSPF	EQUI	INVESCO EXCHANGE TRADED FD TS&P500 EQL FIN	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00106	99
RSPF	OPTN	Invesco S&P 500 Equal Weight Financials ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00106	99
SOXQ	EQUI	INVESCO EXCH TRADED FD TR IINVESCO PHLX SM	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00076	104
SOX	FUTU	E-mini PHLX Semiconductor Sector Futures	Yes	No	6.25		25	1.00	No	No	00076	104
SOX	OPTN	PHLX Semiconductor Sector	Yes	Yes	25.00	37.50	100	1.00	No	No	00076	104
SOXPM	OPTN	PHLX Semicondutor Sector Close/ (Qtrly)	Yes	Yes	25.00	37.50	100	1.00	No	No	00076	104
SOXQ	OPTN	INVESCO PHLX SEMICONDUCTOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00076	104
1SOX	OPTN	PHLX Semiconductor Sector (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	00076	104
2SOX	OPTN	PHLX Semiconductor Sector (EurFlex)	Yes	Yes	25.00	37.50	100	1.00	No	No	00076	104
4SOX	OPTN	PHLX Semiconductor Sector PM/EURO	Yes	Yes	25.00	37.50	100	1.00	No	No	00076	104
SOXL	EQUI	DIREXION SHS ETF TRDLY SCOND 3XBU	Yes	Yes	0.00	0.00	1	3.00	Yes	No	00078	104
SOXS	EQUI	DIREXION SHS ETF TRDLY SCOND 3XBR	Yes	Yes	0.00	0.00	1	-3.00	Yes	No	00078	104

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
SOXX	EQUI	iShares Semiconductor ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00078	104
SOXL	OPTN	Direxion Daily Semiconductor Bull 3X Shares ETF	Yes	Yes	25.00	37.50	100	3.00	Yes	No	00078	104
SOXS	OPTN	Direxion Daily Semiconductor Bear 3X Shares ETF	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	00078	104
SOXS1	OPTN	Direxion Daily Semiconductor Bear 3X (1:10 Rev)	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	00078	104
SOXX	OPTN	iShares Semiconductor ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00078	104
1SOXX	OPTN	iShares Semiconductor ETF (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00078	104
XSD	EQUI	SPDR S&P Semiconductor ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00085	104
XSD	OPTN	SPDR S&P Semiconductor ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00085	104
SSG	EQUI	PROSHARES TRULSHRT SEMIC NEW	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00120	104
USD	EQUI	ProShares Ultra Semiconductors	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00120	104
SSG	OPTN	PROSHARES ULTRASHORT SEMICONDUCTORS	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00120	104
SSG1	OPTN	PROSHARES ULTRASHORT SEMICONDUCTORS (1:5 R Split)	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00120	104
USD	OPTN	ProShares Ultra Semiconductors	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00120	104
SMH	EQUI	VanEck Semiconductor ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00125	104
SMH	OPTN	VanEck Semiconductor ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00125	104
2SMH	OPTN	VanEck Semiconductor ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00125	104
AUD	CURR	Australian Dollar	Yes	No	0.00		1	1.00	No	No	00110	110
FXA	EQUI	Invesco CurrencyShares Australian Dollar Trust	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00110	110
AD	FUTU	CME AUSTRALIAN DOLLAR	Yes	No	25.00		100,000	1.00	No	No	00110	110
AD	OPTN	CME AUSTRALIAN DOLLAR	Yes	No	25.00		100,000	1.00	No	No	00110	110
ADU	OPTN	CME AUSTRALIAN DOLLAR 2pm	Yes	No	25.00		100,000	1.00	No	No	00110	110
FXA	OPTN	Invesco CurrencyShares Australian Dollar Trust	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00110	110
WA1	OPTN	CME WK1 AUSTRALIAN DOLLAR 2pm(weekly)	Yes	No	25.00		100,000	1.00	No	No	00110	110
WA2	OPTN	CME WK2 AUSTRALIAN DOLLAR 2pm(weekly)	Yes	No	25.00		100,000	1.00	No	No	00110	110
WA3	OPTN	CME WK3 AUSTRALIAN DOLLAR 2pm(weekly)	Yes	No	25.00		100,000	1.00	No	No	00110	110
WA4	OPTN	CME WK4 AUSTRALIAN DOLLAR 2pm(weekly)	Yes	No	25.00		100,000	1.00	No	No	00110	110
WA5	OPTN	CME WK5 AUSTRALIAN DOLLAR 2pm(weekly)	Yes	No	25.00		100,000	1.00	No	No	00110	110
XA	OPTN	CME AUSTRALIAN DOLLAR	Yes	No	25.00		100,000	1.00	No	No	00110	110
XDA	OPTN	PHLX U.S. Dollar-Settled Australian FCO	Yes	No	25.00		100	1.00	No	No	00110	110
1AD	OPTN	CME WK1 AUSTRALIAN DOLLAR 2pm(weekly)	Yes	No	25.00		100,000	1.00	No	No	00110	110
2AD	OPTN	CME WK2 AUSTRALIAN DOLLAR 2pm(weekly)	Yes	No	25.00		100,000	1.00	No	No	00110	110
3AD	OPTN	CME WK3 AUSTRALIAN DOLLAR 2pm(weekly)	Yes	No	25.00		100,000	1.00	No	No	00110	110
4AD	OPTN	CME WK4 AUSTRALIAN DOLLAR 2pm(weekly)	Yes	No	25.00		100,000	1.00	No	No	00110	110
5AD	OPTN	CME WK5 AUSTRALIAN DOLLAR 2pm(weekly)	Yes	No	25.00		100,000	1.00	No	No	00110	110
SPIP	EQUI	SPDR SER TRPORTFLI TIPS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00334	134
SPIP	OPTN	SPDR PORTFOLIO TIPS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00334	134
MUB	EQUI	iShares National Muni Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00331	135
MUB	OPTN	iShares National Muni Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00331	135
VTEB	EQUI	VANGUARD MUN BD FDSTAX EXEMPT BD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00335	135
VTEB	OPTN	VANGUARD TAX-EXEMPT BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00335	135
RINF	EQUI	PROSHARES TRINFLATN EXPECTNS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00337	137
RINF	OPTN	PROSHARES INFLATION EXPECTATIONS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00337	137
ITM	EQUI	VanEck Intermediate Muni ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00338	138
ITM	OPTN	VanEck Intermediate Muni ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00338	138
TDTT	EQUI	FLEXSHARES TRIBOXX 3R TARGT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00339	139
GOVZ	EQUI	ISHARES 25 YEAR TREASURY STRIPS BOND ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00340	140
ZROZ	EQUI	PIMCO ETF TR25YR+ ZERO U S INDEX FUND	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00340	140
GOVZ	OPTN	ISHARES 25 YEAR TREASURY STRIPS BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00340	140
ZROZ	OPTN	PIMCO 25+ Year Zero Coupon U.S. Treasury Index Fun	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00340	140
EDV	EQUI	Vanguard Extended Duration Treasury ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00341	141

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
EDV	OPTN	VANGUARD EXTENDED DURATION TREASURY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00341	141
TYD	EQUI	Direxion Daily 7 to 10 Year Treasury Bull 3X Shrs	Yes	Yes	0.00	0.00	1	3.00	Yes	No	00342	142
TYO	EQUI	Direxion Daily 7 to 10 Year Treasury Bear 3X Shrs	Yes	Yes	0.00	0.00	1	-3.00	Yes	No	00342	142
TYD	OPTN	Direxion Daily 7 to 10 Year Treasury Bull 3X Shrs	Yes	Yes	25.00	37.50	100	3.00	Yes	No	00342	142
TYO	OPTN	Direxion Daily 7 to 10 Year Treasury Bear 3X Shrs	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	00342	142
BAB	EQUI	INVESCO EXCH TRADED FD TR IITAXABLE MUN BD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00333	143
BAB	OPTN	INVESCO TAXABLE MUNICIPAL BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00333	143
TIPX	EQUI	SPDR Bloomberg 1-10 Year TIPS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00332	144
TIPX	OPTN	SPDR Bloomberg 1-10 Year TIPS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00332	144
SHM	EQUI	SPDR SER TRNUVEEN BLMBRG SH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00346	146
SHM	OPTN	SPDR NUVEEN BLOOMBERG SHORT TERM MUNICIPAL	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00346	146
SCHR	EQUI	Schwab Intermediate-Term U.S. Treasury ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00336	147
SPTI	EQUI	SPDR Portfolio Intermediate Term Treasury ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00336	147
VGIT	EQUI	Vanguard Intermediate-Term Treasury ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00336	147
SCHR	OPTN	SCHWAB INTERMEDIATE-TERM US TREASURY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00336	147
SPTI	OPTN	SPDR PORTFOLIO INTERMEDIATE TERM TREASURY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00336	147
VGIT	OPTN	VANGUARD INTERMEDIATE-TERM TREASURY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00336	147
IEI	EQUI	iShares 3-7 Year Treasury Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00347	147
IEI	OPTN	iShares 3-7 Year Treasury Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00347	147
TLH	EQUI	iShares 10-20 Year Treasury Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00348	148
TLH	OPTN	iShares 10-20 Year Treasury Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00348	148
SHV	EQUI	iShares Short Treasury Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00349	149
SHV	OPTN	ISHARES SHORT TREASURY BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00349	149
SHY	EQUI	iShares 1-3 Year Treasury Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00350	150
SHY	OPTN	iShares 1-3 Year Treasury Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00350	150
SCHO	EQUI	SCHWAB SHORT TM US TRES ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00354	150
SPTS	EQUI	SPDR SER TRPORTFOLIO SH TSR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00354	150
VGSH	EQUI	Vanguard Short-Term Treasury ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00354	150
SCHO	OPTN	SCHWAB SHORT-TERM US TREASURY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00354	150
SPTS	OPTN	SPDR PORTFOLIO SHORT TERM TREASURY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00354	150
VGSH	OPTN	VANGUARD SHORT-TERM TREASURY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00354	150
IEF	EQUI	iShares 7-10 Year Treasury Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00351	151
PST	EQUI	ProShares UltraShort Lehman 7-10 Year Treasury	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00351	151
TBX	EQUI	PROSHARES TRSHT 7-10 YR TR	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	00351	151
UST	EQUI	PROSHARES TRULTR 7-10 TREA	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00351	151
IEF	OPTN	iShares 7-10 Year Treasury Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00351	151
PST	OPTN	ProShares UltraShort Lehman 7-10 Year Treasury	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00351	151
UST	OPTN	ProShares Ultra 7-10 Year Treasury	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00351	151
ZIEF	OPTN	iShares 7-10 Year Treasury Bond ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00351	151
AGG	EQUI	iShares Core U.S. Aggregate Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00352	152
BBAG	EQUI	J P MORGAN EXCHANGE TRADED FBETABUILDERS US	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00352	152
BKAG	EQUI	BNY MELLON ETF TRUSTCORE BOND ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00352	152
SCHZ	EQUI	SCHWAB STRATEGIC TRUS AGGREGATE B	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00352	152
SPAB	EQUI	SPDR SER TRPORTFOLIO AGRGTE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00352	152
AGG	OPTN	iShares Core U.S. Aggregate Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00352	152
SCHZ	OPTN	SCHWAB US AGGREGATE BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00352	152
SPAB	OPTN	SPDR PORTFOLIO AGGREGATE BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00352	152
2AGG	OPTN	iShares Core U.S. Aggregate Bond ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00352	152
BND	EQUI	Vanguard Total Bond Market ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00357	152
BND	OPTN	Vanguard Total Bond Market ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00357	152

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
APCB	EQUI	TRUST FOR PROFESSIONAL MANAGACTIVEPASSIVE CR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00358	152
BNDI	EQUI	NEOS ETF TRUSTNEOS ENHCD INME	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00393	152
EAGG	EQUI	ISHARES TRESG AWR US AGRGT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00394	152
EAGG	OPTN	ISHARES ESG AWARE US AGGREGATE BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00394	152
FBND	EQUI	FIDELITY MERRIMACK STR TRTOTAL BD ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00395	152
FBND	OPTN	FIDELITY TOTAL BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00395	152
FIXD	EQUI	FIRST TR EXCHNG TRADED FD VITCW OPPORTUNIS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00396	152
FIXD	OPTN	FIRST TRUST TCW OPPORTUNISTIC FIXED INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00396	152
FLCB	EQUI	FRANKLIN TEMPLETON ETF TRUS CORE BOND ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00397	152
IUSB	EQUI	ISHARES TRCORE TOTAL USD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00398	152
IUSB	OPTN	ISHARES CORE TOTAL USD BOND MARKET ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00398	152
AVIG	EQUI	AMERICAN CENTY ETF TRAVANTIS CORE FI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00399	152
BIV	EQUI	Vanguard Intermediate-Term Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00401	152
BIV	OPTN	Vanguard Intermediate-Term Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00401	152
IGIB	EQUI	iSharesTrustiShares 5-10 Yr Inv Grade Corp BondETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00405	152
IGIB	OPTN	iSharesTrustiShares 5-10 Yr Inv Grade Corp BondETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00405	152
SCHI	EQUI	SCHWAB STRATEGIC TR5 10YR CORP BD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00407	152
VCIT	EQUI	VANGUARD SCOTTSDALE FDSINT-TERM CORP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00407	152
SCHI	OPTN	SCHWAB 5-10 YEAR CORPORATE BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00407	152
VCIT	OPTN	Vanguard Intermediate-Term Corporate Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00407	152
STIP	EQUI	ISHARES TR0-5 YR TIPS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00353	153
VTIP	EQUI	VANGUARD MALVERN FDSSTRM INFPROIDX	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00353	153
STIP	OPTN	ISHARES 0-5 YEAR TIPS BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00353	153
VTIP	OPTN	VANGUARD SHORT-TERM INFLATION-PROTECTED	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00353	153
UTWY	EQUI	RBB FD INCUS TREAS 20YR BD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00198	154
UTWY	OPTN	THE RBB FUND, INC. US TREASURY 20 YEAR BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00198	154
UTHY	EQUI	RBB FD INCUS TREAS 30YR BD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00199	154
UTHY	OPTN	THE RBB FUND, INC. US TREASURY 30 YEAR BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00199	154
TBF	EQUI	PROSHARES SHRT 20+YR TRSRY	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	00343	154
TBT	EQUI	Proshares Ultrashort 20+ Year Treasury	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00343	154
TLT	EQUI	iShares 20+ Year Treasury Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00343	154
TMF	EQUI	Direxion Daily 20 Year Treasury Bull 3X Shares	Yes	Yes	0.00	0.00	1	3.00	Yes	No	00343	154
TMV	EQUI	Direxion Daily 20 Year Treasury Bear 3X Shares	Yes	Yes	0.00	0.00	1	-3.00	Yes	No	00343	154
TTT	EQUI	PROSHARES TRULTPRO SH 20YR	Yes	Yes	0.00	0.00	1	-3.00	Yes	No	00343	154
UBT	EQUI	PROSHARES TRULTRA 20YR TRE	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00343	154
TBF	OPTN	ProShares Short 20+ Year Treasury ETF	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	00343	154
TBT	OPTN	Proshares Ultrashort 20+ Year Treasury	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00343	154
TLT	OPTN	iShares 20+ Year Treasury Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00343	154
TMF	OPTN	Direxion Daily 20 Year Treasury Bull 3X Shares	Yes	Yes	25.00	37.50	100	3.00	Yes	No	00343	154
TMF1	OPTN	Direxion Daily 20 Year Treasury Bull 3X (1:10 Rev)	Yes	Yes	25.00	37.50	100	3.00	Yes	No	00343	154
TMV	OPTN	Direxion Daily 20 Year Treasury Bear 3X Shares	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	00343	154
TTT	OPTN	ProShares UltraPro Short 20+ Year Treasury	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	00343	154
UBT	OPTN	ProShares Ultra 20+ Year Treasury	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00343	154
1TLT	OPTN	iShares 20+ Year Treasury Bond ETF (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00343	154
2TLT	OPTN	iShares 20+ Year Treasury Bond ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00343	154
4TLT	OPTN	iShares 20+ Year Treasury Bond ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00343	154
SCHQ	EQUI	SCHWAB STRATEGIC TRLONG TERM US	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00379	154
SPTL	EQUI	SPDR Portfolio Long Term Treasury ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00379	154
VGLT	EQUI	Vanguard Long-Term Treasury ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00379	154
SPTL	OPTN	SPDR PORTFOLIO LONG TERM TREASURY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00379	154

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
VGLT	OPTN	VANGUARD LONG-TERM TREASURY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00379	154
JMST	EQUI	JPMORGAN ULTRA-SHORT MUNICIPAL INCOME ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00355	155
JMST	OPTN	JPMORGAN ULTRA-SHORT MUNICIPAL INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00355	155
TFI	EQUI	SPDR Nuveen Bloomberg Municipal Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00356	156
TFI	OPTN	SPDR Nuveen Bloomberg Municipal Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00356	156
USFR	EQUI	WISDOMTREE TRFLOATNG RAT TREA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00159	157
USFR	OPTN	WISDOMTREE FLOATING RATE TREASURY FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00159	157
KBE	EQUI	SPDR S&P Bank ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00092	158
KBE	OPTN	SPDR S&P Bank ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00092	158
KBWR	EQUI	INVESCO EXCH TRADED FD TR IIKBW REGL BKG	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00157	158
KBWR	OPTN	INVESCO KBW REGIONAL BANKING ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00157	158
DPST	EQUI	DIREXION SHS ETF TRDAILY RGNAL BULL	Yes	Yes	0.00	0.00	1	3.00	Yes	No	00158	158
KRE	EQUI	SPDR S&P Regional Banking ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00158	158
SXB	FUTU	E-mini S&P Regional Banks Select Industry Futures	Yes	No	12.50		50	1.00	No	No	00158	158
DPST	OPTN	DIREXION DAILY REGIONAL BANKS BULL 3X SHARES	Yes	Yes	25.00	37.50	100	3.00	Yes	No	00158	158
KRE	OPTN	SPDR S&P Regional Banking ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00158	158
2KRE	OPTN	SPDR S&P Regional Banking ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00158	158
NYF	EQUI	ISHARES TRNEW YORK MUN ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00359	159
HYD	EQUI	VanEck High Yield Muni ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00360	160
HYD	OPTN	VanEck High Yield Muni ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00360	160
SCHP	EQUI	SCHWAB STRATEGIC TRUS TIPS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00361	161
TIP	EQUI	iShares TIPS Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00361	161
SCHP	OPTN	Schwab U.S. TIPS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00361	161
TIP	OPTN	iShares TIPS Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00361	161
TFLO	EQUI	ISHARES TRTRS FLT RT BD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00362	162
TFLO	OPTN	ISHARES TREASURY FLOATING RATE BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00362	162
USIG	EQUI	iShares Broad USD Investment Grade Corp Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00363	163
USIG	OPTN	iShares Broad USD Investment Grade Corp Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00363	163
BIL	EQUI	SPDR Bloomberg 1-3 Month T-Bill ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00364	164
BIL	OPTN	SPDR Bloomberg 1-3 Month T-Bill ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00364	164
2BIL	OPTN	SPDR Bloomberg 1-3 Month T-Bill ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00364	164
CMF	EQUI	ISHARES TRCALIF MUN BD ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00365	165
CMF	OPTN	ISHARES CALIFORNIA MUNI BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00365	165
GBIL	EQUI	GOLDMAN SACHS ETF TRACCES TREASURY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00366	166
GBIL	OPTN	GOLDMAN SACHS ACCESS TREASURY 0-1 YEAR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00366	166
GOVI	EQUI	INVESCO EXCH TRADED FD TR IIEQUAL WEGT 0-30	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00367	167
PZA	EQUI	Invesco National AMT-Free Municipal Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00368	168
PZA	OPTN	Invesco National AMT-Free Municipal Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00368	168
MUNI	EQUI	PIMCO Intermediate Municipal Bond Active ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00369	169
MUNI	OPTN	PIMCO Intermediate Municipal Bond Active ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00369	169
NAN	EQUI	NUVEEN NEW YORK QUALITY MUNICIPAL INCOME FUND	Yes	Yes	0.00	0.00	1	1.00	No	No	00386	170
NAN	OPTN	NUVEEN NEW YORK QUALITY MUNICIPAL INCOME FU	Yes	Yes	25.00	37.50	100	1.00	No	No	00386	170
LTPZ	EQUI	PIMCO ETF TR15+ YR US TIPS INDEX FUND	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00371	171
LTPZ	OPTN	PIMCO 15+ Year U.S. TIPS Index Exchange-Traded Fnd	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00371	171
IBHY	FUTU	CBOE iBoxx iShares \$ High Yield Corporate Bond Ind	Yes	No	250.00		1,000	1.00	No	No	00345	172
IBYO	OPTN	CBOE Options on iBoxx iShares \$ High Yield Corpora	Yes	No	250.00		1,000	1.00	No	No	00345	172
JNK	EQUI	SPDR Bloomberg High Yield Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00370	172
JNK	OPTN	SPDR Bloomberg High Yield Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00370	172
HYG	EQUI	iShares iBoxx \$ High Yield Corporate Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00372	172
SJB	EQUI	PROSHARES SHORT HIGH YIELD	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	00372	172



**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
UJB	EQUI	PROSHARES TRULTRA HIGH YLD	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00372	172
HYG	OPTN	iShares iBoxx \$ High Yield Corporate Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00372	172
SJB	OPTN	ProShares Short High Yield	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	00372	172
2HYG	OPTN	iShares iBoxx \$ High Yield Corporate B (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00372	172
4HYG	OPTN	iShares iBoxx \$ High Yield Corporate B (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00372	172
HYS	EQUI	PIMCO 0-5 Year High Yield Corporate Bond Index Fun	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00380	172
HYS	OPTN	PIMCO 0-5 Year High Yield Corporate Bond Index Fun	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00380	172
USHY	EQUI	iShares Broad USD High Yield Corporate Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00381	172
USHY	OPTN	iShares Broad USD High Yield Corporate Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00381	172
SJNK	EQUI	SPDR Bloomberg Short Term High Yield Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00382	172
SJNK	OPTN	SPDR Bloomberg Short Term High Yield Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00382	172
HYLB	EQUI	XTRACKERS USD HIGH YIELD CORPORATE BOND ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00383	172
HYLB	OPTN	XTRACKERS USD HIGH YIELD CORPORATE BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00383	172
SHYG	EQUI	ISHARES TR0-5YR HI YL CP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00384	172
SHYG	OPTN	iShares 0-5 Year High Yield Corporate Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00384	172
BBHY	EQUI	JPMorgan BetaBuilders USD High Yield Corporate Bon	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00387	172
SPHY	EQUI	SPDR SER TRPORTFLI HIGH YLD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00387	172
SPHY	OPTN	SPDR PORTFOLIO HIGH YIELD BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00387	172
HYDB	EQUI	iShares High Yield Systematic Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00392	172
STPZ	EQUI	PIMCO ETF TR1-5 US TIP IDX	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00373	173
STPZ	OPTN	PIMCO 1-5 YEAR US TIPS INDEX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00373	173
HYMB	EQUI	SPDR Nuveen Bloomberg High Yield Municipal Bond ET	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00374	174
HYMB	OPTN	SPDR Nuveen Bloomberg High Yield Municipal Bond ET	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00374	174
FMB	EQUI	FIRST TR EXCH TRADED FD IIIMANAGD MUN ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00375	175
TIPZ	EQUI	PIMCO ETF TRBROAD US TIPS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00376	176
GOVT	EQUI	iShares U.S. Treasury Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00377	177
GOVT	OPTN	iShares U.S. Treasury Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00377	177
SMMU	EQUI	PIMCO ETF TRSHTRM MUN BD ACT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00378	178
TBIL	EQUI	THE RBB FUND, INC. US TREASURY 3 MONTH BILL ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00180	180
TBIL	OPTN	THE RBB FUND, INC. US TREASURY 3 MONTH BILL ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00180	180
PWZ	EQUI	INVESCO EXCH TRADED FD TR IICALIF AMT MUN	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00388	181
PWZ	OPTN	INVESCO CALIFORNIA AMT-FREE MUNICIPAL BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00388	181
UTWO	EQUI	THE RBB FUND, INC. US TREASURY 2 YEAR NOTE ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00182	182
UTWO	OPTN	THE RBB FUND, INC. US TREASURY 2 YEAR NOTE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00182	182
UTEN	EQUI	THE RBB FUND, INC. US TREASURY 10 YEAR NOTE ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00183	183
UTEN	OPTN	THE RBB FUND, INC. US TREASURY 10 YEAR NOTE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00183	183
SGOV	EQUI	ISHARES TR0-3 MNTH TREASRY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00184	184
SGOV	OPTN	ISHARES 0-3 MONTH TREASURY BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00184	184
MLN	EQUI	VANECK VECTORS ETF TRAMT FREE LONG MU	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00389	185
MLN	OPTN	VANECK LONG MUNI ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00389	185
BILS	EQUI	SPDR SER TRBLOOMBERG 3-12 M	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00390	186
BILS	OPTN	SPDR BLOOMBERG 3-12 MONTH T-BILL ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00390	186
SMB	EQUI	VANECK VECTORS ETF TRAMT FREE SHORT M	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00391	187
SMB	OPTN	VANECK SHORT MUNI ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00391	187
IBIG	FUTU	Cboe iBoxx iShares Investment Grade Corp Bond	Yes	No	250.00		1,000	1.00	No	No	00320	188
IBGO	OPTN	CBOE Options on iBoxx iShares Index Future	Yes	No	250.00		1,000	1.00	No	No	00320	188
LQD	EQUI	iShares iBoxx \$ Investment Grade Corporate Bond ET	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00321	188
LQD	OPTN	iShares iBoxx \$ Investment Grade Corporate Bond ET	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00321	188
2LQD	OPTN	iShares iBoxx \$ Investment Grade Corpo (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00321	188
4LQD	OPTN	iShares iBoxx \$ Investment Grade Corpo (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00321	188

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
FLGV	EQUI	FRANKLIN TEMPLETON ETF TRUS TREASURY BOND	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00190	190
OBIL	EQUI	RBB FD INCUS TREASRY 12 MT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00191	191
TBLL	EQUI	INVESCO EXCH TRADED FD TR IISHORT TERM TREAS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00192	192
UTRE	EQUI	RBB FD INCUS TREAS 3 YR NT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00193	193
SPTB	EQUI	SPDR SER TRPORTFOLIO TREASU	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00194	194
UFIV	EQUI	RBB FD INCUS TREAS 5 YR NT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00195	195
XBIL	EQUI	RBB FD INCUS TRSRY 6 MNTH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00196	196
XBIL	OPTN	THE RBB FUND, INC. US TREASURY 6 MONTH BILL ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00196	196
USVN	EQUI	RBB FD INCUS TREAS 7 YR NT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00197	197
VGUS	EQUI	VANGUARD INSTL INDEX FDULTRA-SHORT TREA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00206	198
VBIL	EQUI	VANGUARD INSTL INDEX FD0-3 MO TREAS BIL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00207	199
RSP	EQUI	Invesco S&P 500 Equal Weight ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00507	207
EWF	FUTU	E-MINI S&P 500 Equal Weight Future	Yes	No	5.00		20	1.00	No	No	00507	207
RSP	OPTN	Invesco S&P 500 Equal Weight ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00507	207
2RSP	OPTN	Invesco S&P 500 Equal Weight ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00507	207
4RSP	OPTN	Invesco S&P 500 Equal Weight ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00507	207
UNG	EQUI	United States Natural Gas Fund LP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00228	232
UNG	OPTN	United States Natural Gas Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00228	232
UNG1	OPTN	United States Natural Gas Fund (1:4 Rev Split)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00228	232
BOIL	EQUI	ProShares Ultra Bloomberg Natural Gas	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00229	232
KOLD	EQUI	ProShares UltraShort Bloomberg Natural Gas	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00229	232
BOIL	OPTN	ProShares Ultra Bloomberg Natural Gas	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00229	232
BOIL2	OPTN	ProShares Ultra Bloomberg Natural Gas (1:5 RSplit)	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00229	232
KOLD	OPTN	ProShares UltraShort Bloomberg Natural Gas	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00229	232
USO	EQUI	UNITED STATES OIL FUND LP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00201	234
USO	OPTN	United States Oil Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00201	234
SCO	EQUI	ProShares UltraShort Bloomberg Crude Oil	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00203	234
UCO	EQUI	ProShares Ultra Bloomberg Crude Oil	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00203	234
SCO	OPTN	ProShares UltraShort Bloomberg Crude Oil	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00203	234
UCO	OPTN	ProShares Ultra Bloomberg Crude Oil	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00203	234
BNO	EQUI	United States Brent Oil Fund LP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00204	234
BNO	OPTN	United States Brent Oil Fund LP	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00204	234
DBO	EQUI	Invesco DB Oil Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00234	234
DBO	OPTN	Invesco DB Oil Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00234	234
QI	FUTU	NYMEX COMEX E-Mini Silver Futures	Yes	No	625.00		2,500	1.00	No	No	00231	236
SI	FUTU	NYMEX COMEX Silver Future	Yes	No	25.00		5,000	1.00	No	No	00231	236
SIL	FUTU	NYMEX COMEX Micro Silver Futures	Yes	No	250.00		1,000	1.00	No	No	00231	236
M1S	OPTN	SILVER WEEKLY MONDAY OPTION	Yes	No	25.00		5,000	1.00	No	No	00231	236
M2S	OPTN	SILVER WEEKLY MONDAY OPTION	Yes	No	25.00		5,000	1.00	No	No	00231	236
M3S	OPTN	SILVER WEEKLY MONDAY OPTION	Yes	No	25.00		5,000	1.00	No	No	00231	236
M4S	OPTN	SILVER WEEKLY MONDAY OPTION	Yes	No	25.00		5,000	1.00	No	No	00231	236
M5S	OPTN	SILVER WEEKLY MONDAY OPTION	Yes	No	25.00		5,000	1.00	No	No	00231	236
R1S	OPTN	SILVER WEEKLY THURSDAY OPTION	Yes	No	25.00		5,000	1.00	No	No	00231	236
R2S	OPTN	SILVER WEEKLY THURSDAY OPTION	Yes	No	25.00		5,000	1.00	No	No	00231	236
R3S	OPTN	SILVER WEEKLY THURSDAY OPTION	Yes	No	25.00		5,000	1.00	No	No	00231	236
R4S	OPTN	SILVER WEEKLY THURSDAY OPTION	Yes	No	25.00		5,000	1.00	No	No	00231	236
R5S	OPTN	SILVER WEEKLY THURSDAY OPTION	Yes	No	25.00		5,000	1.00	No	No	00231	236
SI	OPTN	NYMEX COMEX Silver Future	Yes	No	25.00		5,000	1.00	No	No	00231	236
SO1	OPTN	Week 1 Silver Option	Yes	No	25.00		5,000	1.00	No	No	00231	236
SO2	OPTN	Week 2 Silver Option	Yes	No	25.00		5,000	1.00	No	No	00231	236

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
SO3	OPTN	Week 3 Silver Option	Yes	No	25.00		5,000	1.00	No	No	00231	236
SO4	OPTN	Week 4 Silver Option	Yes	No	25.00		5,000	1.00	No	No	00231	236
SO5	OPTN	Week 5 Silver Option	Yes	No	25.00		5,000	1.00	No	No	00231	236
S1T	OPTN	SILVER WEEKLY TUESDAY OPTION	Yes	No	25.00		5,000	1.00	No	No	00231	236
S2T	OPTN	SILVER WEEKLY TUESDAY OPTION	Yes	No	25.00		5,000	1.00	No	No	00231	236
S3T	OPTN	SILVER WEEKLY TUESDAY OPTION	Yes	No	25.00		5,000	1.00	No	No	00231	236
S4T	OPTN	SILVER WEEKLY TUESDAY OPTION	Yes	No	25.00		5,000	1.00	No	No	00231	236
S5T	OPTN	SILVER WEEKLY TUESDAY OPTION	Yes	No	25.00		5,000	1.00	No	No	00231	236
W1S	OPTN	SILVER WEEKLY WEDNESDAY OPTION	Yes	No	25.00		5,000	1.00	No	No	00231	236
W2S	OPTN	SILVER WEEKLY WEDNESDAY OPTION	Yes	No	25.00		5,000	1.00	No	No	00231	236
W3S	OPTN	SILVER WEEKLY WEDNESDAY OPTION	Yes	No	25.00		5,000	1.00	No	No	00231	236
W4S	OPTN	SILVER WEEKLY WEDNESDAY OPTION	Yes	No	25.00		5,000	1.00	No	No	00231	236
W5S	OPTN	SILVER WEEKLY WEDNESDAY OPTION	Yes	No	25.00		5,000	1.00	No	No	00231	236
SLV	EQUI	ISHARES SILVER TRUST	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00232	236
SLV	OPTN	iShares Silver Trust	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00232	236
2SLV	OPTN	iShares Silver Trust (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00232	236
AGQ	EQUI	ProShares Ultra Silver	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00235	236
ZSL	EQUI	Proshares Ultrashort Silver	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00235	236
AGQ	OPTN	ProShares Ultra Silver	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00235	236
ZSL	OPTN	ProShares UltraShort Silver	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00235	236
ZSL1	OPTN	ProShares UltraShort Silver (1:4 Reverse Split)	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00235	236
PSLV	EQUI	SPROTT PHYSICAL SILVER TRTR UNIT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00236	236
SIVR	EQUI	abrdn Physical Silver Shares ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00238	236
SIVR	OPTN	abrdn Physical Silver Shares ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00238	236
GLL	EQUI	ProShares UltraShort Gold	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00240	244
UGL	EQUI	ProShares Ultra Gold	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00240	244
GLL	OPTN	ProShares UltraShort Gold	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00240	244
UGL	OPTN	ProShares Ultra Gold	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00240	244
AAAU	EQUI	Goldman Sachs Physical Gold ETF Shares	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00244	244
GLD	EQUI	SPDR Gold Trust	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00244	244
GLDM	EQUI	WORLD GOLD TRSPDR GLD MINIS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00244	244
IAU	EQUI	iShares Gold Trust	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00244	244
SGOL	EQUI	abrdn Physical Gold Shares ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00244	244
AAAU	OPTN	GOLDMAN SACHS PHYSICAL GOLD ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00244	244
GLD	OPTN	SPDR Gold Trust	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00244	244
IAU	OPTN	iShares Gold Trust	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00244	244
SGOL	OPTN	abrdn Physical Gold Shares ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00244	244
2GLD	OPTN	SPDR Gold Trust (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00244	244
2IAU	OPTN	iShares Gold Trust (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00244	244
4GLD	OPTN	SPDR Gold Trust (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00244	244
GC	FUTU	NYMEX COMEX Gold Future	Yes	No	25.00		100	1.00	No	No	00246	244
MGC	FUTU	NYMEX COMEX Micro Gold Futures	Yes	No	2.50		10	1.00	No	No	00246	244
QO	FUTU	NYMEX COMEX E-Mini Gold Future	Yes	No	12.50		50	1.00	No	No	00246	244
1OZ	FUTU	NYMEX COMEX 1 OZ Gold Futures	Yes	No	0.25		1	1.00	No	No	00246	244
GC	OPTN	NYMEX COMEX - Gold Future	Yes	No	25.00		100	1.00	No	No	00246	244
G1M	OPTN	Gold Weekly Monday Option	Yes	No	25.00		100	1.00	No	No	00246	244
G1R	OPTN	Gold Weekly Thursday Option	Yes	No	25.00		100	1.00	No	No	00246	244
G1T	OPTN	Gold Weekly Tuesday Option	Yes	No	25.00		100	1.00	No	No	00246	244
G1W	OPTN	Gold Weekly Wednesday Option	Yes	No	25.00		100	1.00	No	No	00246	244
G2M	OPTN	Gold Weekly Monday Option	Yes	No	25.00		100	1.00	No	No	00246	244

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
G2R	OPTN	Gold Weekly Thursday Option	Yes	No	25.00		100	1.00	No	No	00246	244
G2T	OPTN	Gold Weekly Tuesday Option	Yes	No	25.00		100	1.00	No	No	00246	244
G2W	OPTN	Gold Weekly Wednesday Option	Yes	No	25.00		100	1.00	No	No	00246	244
G3M	OPTN	Gold Weekly Monday Option	Yes	No	25.00		100	1.00	No	No	00246	244
G3R	OPTN	Gold Weekly Thursday Option	Yes	No	25.00		100	1.00	No	No	00246	244
G3T	OPTN	Gold Weekly Tuesday Option	Yes	No	25.00		100	1.00	No	No	00246	244
G3W	OPTN	Gold Weekly Wednesday Option	Yes	No	25.00		100	1.00	No	No	00246	244
G4M	OPTN	Gold Weekly Monday Option	Yes	No	25.00		100	1.00	No	No	00246	244
G4R	OPTN	Gold Weekly Thursday Option	Yes	No	25.00		100	1.00	No	No	00246	244
G4T	OPTN	Gold Weekly Tuesday Option	Yes	No	25.00		100	1.00	No	No	00246	244
G4W	OPTN	Gold Weekly Wednesday Option	Yes	No	25.00		100	1.00	No	No	00246	244
G5M	OPTN	Gold Weekly Monday Option	Yes	No	25.00		100	1.00	No	No	00246	244
G5R	OPTN	Gold Weekly Thursday Option	Yes	No	25.00		100	1.00	No	No	00246	244
G5T	OPTN	Gold Weekly Tuesday Option	Yes	No	25.00		100	1.00	No	No	00246	244
G5W	OPTN	Gold Weekly Wednesday Option	Yes	No	25.00		100	1.00	No	No	00246	244
OG1	OPTN	Week 1 Gold Option	Yes	No	25.00		100	1.00	No	No	00246	244
OG2	OPTN	Week 2 Gold Option	Yes	No	25.00		100	1.00	No	No	00246	244
OG3	OPTN	Week 3 Gold Option	Yes	No	25.00		100	1.00	No	No	00246	244
OG4	OPTN	Week 4 Gold Option	Yes	No	25.00		100	1.00	No	No	00246	244
OG5	OPTN	Week 5 Gold Option	Yes	No	25.00		100	1.00	No	No	00246	244
OMG	OPTN	CME Micro Gold Option	Yes	No	2.50		10	1.00	No	No	00246	244
1FG	OPTN	CME Micro Gold Weekly Friday Option	Yes	No	2.50		10	1.00	No	No	00246	244
1MG	OPTN	CME Micro Gold Weekly Monday Option	Yes	No	2.50		10	1.00	No	No	00246	244
1WG	OPTN	CME Micro Gold Weekly Wednesday Option	Yes	No	2.50		10	1.00	No	No	00246	244
2FG	OPTN	CME Micro Gold Weekly Friday Option	Yes	No	2.50		10	1.00	No	No	00246	244
2MG	OPTN	CME Micro Gold Weekly Monday Option	Yes	No	2.50		10	1.00	No	No	00246	244
2WG	OPTN	CME Micro Gold Weekly Wednesday Option	Yes	No	2.50		10	1.00	No	No	00246	244
3FG	OPTN	CME Micro Gold Weekly Friday Option	Yes	No	2.50		10	1.00	No	No	00246	244
3MG	OPTN	CME Micro Gold Weekly Monday Option	Yes	No	2.50		10	1.00	No	No	00246	244
3WG	OPTN	CME Micro Gold Weekly Wednesday Option	Yes	No	2.50		10	1.00	No	No	00246	244
4FG	OPTN	CME Micro Gold Weekly Friday Option	Yes	No	2.50		10	1.00	No	No	00246	244
4MG	OPTN	CME Micro Gold Weekly Monday Option	Yes	No	2.50		10	1.00	No	No	00246	244
4WG	OPTN	CME Micro Gold Weekly Wednesday Option	Yes	No	2.50		10	1.00	No	No	00246	244
5FG	OPTN	CME Micro Gold Weekly Friday Option	Yes	No	2.50		10	1.00	No	No	00246	244
5MG	OPTN	CME Micro Gold Weekly Monday Option	Yes	No	2.50		10	1.00	No	No	00246	244
5WG	OPTN	CME Micro Gold Weekly Wednesday Option	Yes	No	2.50		10	1.00	No	No	00246	244
PHYS	EQUI	SPROTT PHYSICAL GOLD TRUNIT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00247	244
VTEC	EQUI	VANGUARD CALIFORNIA TAX-EXEMPT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00265	265
VTEC	OPTN	VANGUARD CALIFORNIA TAX-EXEMPT	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00265	265
VTEI	EQUI	VANGUARD INTERMEDIATE TAX-EXEMPT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00266	266
VTEI	OPTN	VANGUARD INTERMEDIATE TAX-EXEMPT	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00266	266
VTES	EQUI	VANGUARD WELLINGTON FDSHORT TRM TAX EX	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00267	267
VTES	OPTN	VANGUARD SHORT-TERM TAX-EXEMPT	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00267	267
BILZ	EQUI	PIMCO ETF TRULTRA SHORT GOVT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00300	300
CLIP	EQUI	GLOBAL X FDS1-3 MONTH T-BILL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00301	301
WEEK	EQUI	ROUNDHILL ETF TRUSTWEEKLY T BILL ET	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00302	302
XHLF	EQUI	BONDBLOXX ETF TRUSTBLOOMBERG SIX MN	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00303	303
XONE	EQUI	BONDBLOXX ETF TRUSTBLOOMBERG ONE YR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00304	304
XTWO	EQUI	BONDBLOXX ETF TRUSTBLOOMBERG TWO YR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00305	305
XTRE	EQUI	BONDBLOXX ETF TRUSTBLOOMBERG THREE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00306	306

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
XFIV	EQUI	BONDBLOXX ETF TRUSTBLOOMBERG FVE YR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00307	307
XSVN	EQUI	BONDBLOXX ETF TRUSTBLOOMBERG SEVEN	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00308	308
XTEN	EQUI	BONDBLOXX ETF TRUSTBLOOMBERG TEN YR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00309	309
XTWY	EQUI	BONDBLOXX ETF TRUSTBLOOMBERG TWENTY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00310	310
NZD	CURR	New Zealand Dollar	Yes	No	0.00		1	1.00	No	No	00402	402
XDZ	OPTN	PHLX U.S. Dollar-Settled New Zealand Dollar	Yes	No	25.00		100	1.00	No	No	00402	402
VX	FUTU	CBOE VOLATILITY INDEX FUTURE	Yes	No	25.00		1,000	1.00	No	No	00500	500
VXM	FUTU	Cboe Mini Volatility Index Future - Monthly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM01	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM02	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM03	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM04	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM05	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM06	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM07	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM08	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM09	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM10	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM11	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM12	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM13	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM14	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM15	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM16	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM17	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM18	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM19	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM20	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM21	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM22	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM23	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM24	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM25	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM26	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM27	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM28	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM29	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM30	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM31	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM32	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM33	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM34	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM35	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM36	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM37	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM38	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM39	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM40	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM41	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500
VXM42	FUTU	Cboe Mini Volatility Index Future - Weekly	Yes	No	25.00		100	1.00	No	No	00500	500



**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
VX40	FUTU	CBOE Volatility Index Future (Weekly)	Yes	No	250.00		1,000	1.00	No	No	00500	500
VX41	FUTU	CBOE Volatility Index Future (Weekly)	Yes	No	250.00		1,000	1.00	No	No	00500	500
VX42	FUTU	CBOE Volatility Index Future (Weekly)	Yes	No	250.00		1,000	1.00	No	No	00500	500
VX43	FUTU	CBOE Volatility Index Future (Weekly)	Yes	No	250.00		1,000	1.00	No	No	00500	500
VX44	FUTU	CBOE Volatility Index Future (Weekly)	Yes	No	250.00		1,000	1.00	No	No	00500	500
VX45	FUTU	CBOE Volatility Index Future (Weekly)	Yes	No	250.00		1,000	1.00	No	No	00500	500
VX46	FUTU	CBOE Volatility Index Future (Weekly)	Yes	No	250.00		1,000	1.00	No	No	00500	500
VX47	FUTU	CBOE Volatility Index Future (Weekly)	Yes	No	250.00		1,000	1.00	No	No	00500	500
VX48	FUTU	CBOE Volatility Index Future (Weekly)	Yes	No	250.00		1,000	1.00	No	No	00500	500
VX49	FUTU	CBOE Volatility Index Future (Weekly)	Yes	No	250.00		1,000	1.00	No	No	00500	500
VX50	FUTU	CBOE Volatility Index Future (Weekly)	Yes	No	250.00		1,000	1.00	No	No	00500	500
VX51	FUTU	CBOE Volatility Index Future (Weekly)	Yes	No	250.00		1,000	1.00	No	No	00500	500
VX52	FUTU	CBOE Volatility Index Future (Weekly)	Yes	No	250.00		1,000	1.00	No	No	00500	500
VX53	FUTU	CBOE Volatility Index Future (Weekly)	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX1A	OPTN	VIX Option on Future - 1st Monday	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX1B	OPTN	VIX Option on Future - 1st Tuesday	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX1C	OPTN	VIX Option on Future - 1st Wednesday	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX1D	OPTN	VIX Option on Future - 1st Thursday	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX1E	OPTN	VIX Option on Future - 1st Friday	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX2A	OPTN	VIX Option on Future - 2nd Monday	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX2B	OPTN	VIX Option on Future - 2nd Tuesday	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX2C	OPTN	VIX Option on Future - 2nd Wednesday	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX2D	OPTN	VIX Option on Future - 2nd Thursday	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX2E	OPTN	VIX Option on Future - 2nd Friday	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX3A	OPTN	VIX Option on Future - 3rd Monday	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX3B	OPTN	VIX Option on Future - 3rd Tuesday	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX3C	OPTN	VIX Option on Future - 3rd Wednesday	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX3D	OPTN	VIX Option on Future - 3rd Thursday	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX3E	OPTN	VIX Option on Future - 3rd Friday	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX4A	OPTN	VIX Option on Future - 4th Monday	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX4B	OPTN	VIX Option on Future - 4th Tuesday	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX4C	OPTN	VIX Option on Future - 4th Wednesday	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX4D	OPTN	VIX Option on Future - 4th Thursday	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX4E	OPTN	VIX Option on Future - 4th Friday	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX5A	OPTN	VIX Option on Future - 5th Monday	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX5B	OPTN	VIX Option on Future - 5th Tuesday	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX5C	OPTN	VIX Option on Future - 5th Wednesday	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX5D	OPTN	VIX Option on Future - 5th Thursday	Yes	No	250.00		1,000	1.00	No	No	00500	500
UX5E	OPTN	VIX Option on Future - 5th Friday	Yes	No	250.00		1,000	1.00	No	No	00500	500
VIX	OPTN	CBOE Volatility Index Options	Yes	Yes	2.50	3.75	100	1.00	No	No	00500	500
VIXW	OPTN	CBOE Volatility Index Options	Yes	Yes	2.50	3.75	100	1.00	No	No	00500	500
2VIX	OPTN	CBOE Volatility Index Options (euor/am) Flex	Yes	Yes	2.50	3.75	100	1.00	No	No	00500	500
EFAV	EQUI	iShares MSCI EAFE Min Vol Factor ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00122	522
EFAV	OPTN	iShares MSCI EAFE Min Vol Factor ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00122	522
SCZ	EQUI	iShares MSCI EAFE Small-Cap ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00123	522
SCZ	OPTN	iShares MSCI EAFE Small-Cap ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00123	522
EFA	EQUI	iShares MSCI EAFE ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00522	522
EFU	EQUI	ProShares UltraShort MSCI EAFE	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00522	522
EFZ	EQUI	ProShares Short MSCI EAFE	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	00522	522
MFS	FUTU	Mini MSCI EAFE Index Future	Yes	No	12.50		50	1.00	No	No	00522	522



**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
EFA	OPTN	iShares MSCI EAFE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00522	522
EFZ	OPTN	ProShares Short MSCI EAFE	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	00522	522
MXEA	OPTN	MSCI EAFE Index Options	Yes	Yes	25.00	37.50	100	1.00	No	No	00522	522
MXEA9	OPTN	MSCI EAFE MICRO	Yes	Yes	0.25	0.375	1	1.00	No	No	00522	522
2EFA	OPTN	iShares MSCI EAFE ETF(EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00522	522
4EFA	OPTN	iShares MSCI EAFE ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00522	522
4MXEA	OPTN	MSCI EAFE Index Options (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	00522	522
4MXEA9	OPTN	Mini MSCI EAFE Index Flex Micro PM/EURO	Yes	Yes	0.25	0.375	1	1.00	No	No	00522	522
5MXA	OPTN	CBOE MSCI EAFE Asian FLEX Option	Yes	Yes	25.00	37.50	100	1.00	No	No	00522	522
6MXA	OPTN	CBOE MSCI EAFE Cliquet FLEX Option	Yes	Yes	25.00	37.50	100	1.00	No	No	00522	522
VEA	EQUI	Vanguard FTSE Developed Markets ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00525	522
VEA	OPTN	Vanguard FTSE Developed Markets ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00525	522
IEFA	EQUI	iShares Core MSCI EAFE ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00527	522
IEFA	OPTN	iShares Core MSCI EAFE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00527	522
EFG	EQUI	iShares MSCI EAFE Growth ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00528	522
EFG	OPTN	iShares MSCI EAFE Growth ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00528	522
IXUS	EQUI	ISHARES TRCORE MSCITOTAL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00536	522
IXUS	OPTN	iShares Core MSCI Total International Stock ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00536	522
IDEV	EQUI	ISHARES TRCORE MSCI INTL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00544	522
IDEV	OPTN	ISHARES CORE MSCI INTERNATIONAL DEVELOPED	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00544	522
BBIN	EQUI	JPMORGAN BETABUILDERS INTERNATIONAL EQUITY ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00545	522
BBIN	OPTN	JPMORGAN BETABUILDERS INTERNATIONAL EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00545	522
ESGD	EQUI	ISHARES TRESG AW MSCI EAFE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00546	522
ESGD	OPTN	ISHARES ESG AWARE MSCI EAFE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00546	522
BKIE	EQUI	BNY MELLON ETF TRUSTINTERNATIONL EQT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00547	522
IQLT	EQUI	ISHARES TRMSCI INTL QUALTY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00548	522
IQLT	OPTN	ISHARES MSCI INTI QUALITY FACTOR	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00548	522
QEFA	EQUI	SPDR INDEX SHS FDSMSCI EAFE STRTGC	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00549	522
QEFA	OPTN	SPDR MSCI EAFE STRATEGICFACTORS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00549	522
PXUS	EQUI	Principal INT ADAP MULTI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00550	522
EDC	EQUI	Direxion Daily Emerging Markets Bull 3X Shares	Yes	Yes	0.00	0.00	1	3.00	Yes	No	00523	523
EDZ	EQUI	Direxion Daily Emerging Markets Bear 3X Shares	Yes	Yes	0.00	0.00	1	-3.00	Yes	No	00523	523
EEM	EQUI	iShares MSCI Emerging Markets ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00523	523
EET	EQUI	PROSHARES uTRa MSCI EMRG ETF	Yes	Yes	0.00	0.00	1	2.00	Yes	No	00523	523
EEV	EQUI	ProShares UltraShort MSCI Emerging Markets	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	00523	523
EUM	EQUI	ProShares Short MSCI Emerging Markets	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	00523	523
MME	FUTU	Mini MSCI Emerging Markets Index Future	Yes	No	12.50		50	1.00	No	No	00523	523
EDC	OPTN	Direxion Daily Emerging Markets Bull 3X Shares	Yes	Yes	25.00	37.50	100	3.00	Yes	No	00523	523
EDZ	OPTN	Direxion Daily Emerging Markets Bear 3X Share	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	00523	523
EEM	OPTN	iShares MSCI Emerging Markets ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00523	523
EET	OPTN	PROSHARES ULTRA MSCI EMRG ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	00523	523
EEV	OPTN	ProShares UltraShort MSCI Emerging Markets	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	00523	523
EUM	OPTN	Short MSCI Emerging Markets ProShares	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	00523	523
EUM1	OPTN	Short MSCI Emerging Markets ProShares (1:2 RSplit)	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	00523	523
MXEF	OPTN	MSCI Emerging Markets Index	Yes	Yes	25.00	37.50	100	1.00	No	No	00523	523
MXEF9	OPTN	MSCI Emerging Markets MICRO	Yes	Yes	0.25	0.375	1	1.00	No	No	00523	523
1EEM	OPTN	iShares MSCI Emerging Markets ETF (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00523	523
2EEM	OPTN	iShares MSCI Emerging Markets ETF (euro/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00523	523
4EEM	OPTN	iShares MSCI Emerging Markets ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00523	523
4MXEF	OPTN	MSCI Emerging Markets Index (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	00523	523

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
4MXEF9	OPTN	MSCI Emerging Markets Index Flex Micro PM/EURO	Yes	Yes	0.25	0.375	1	1.00	No	No	00523	523
5MXF	OPTN	CBOE MSCI Emerging Markets Asian FLEX Option	Yes	Yes	25.00	37.50	100	1.00	No	No	00523	523
6MXF	OPTN	CBOE MSCI Emerging Markets Cliquets FLEX Option	Yes	Yes	25.00	37.50	100	1.00	No	No	00523	523
SCHE	EQUI	SCHWAB STRATEGIC TREMRG MKTEQ ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00526	523
SCHE	OPTN	Schwab Emerging Markets Equity ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00526	523
PXH	EQUI	Invesco RAFI Emerging Markets ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00531	523
PXH	OPTN	Invesco RAFI Emerging Markets ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00531	523
IEMG	EQUI	iShares Core MSCI Emerging Markets ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00534	523
IEMG	OPTN	iShares Core MSCI Emerging Markets ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00534	523
VVO	EQUI	Vanguard FTSE Emerging Markets ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00535	523
VVO	OPTN	Vanguard FTSE Emerging Markets ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00535	523
SPEM	EQUI	SPDR PORTFOLIO EMG MK ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00537	523
SPEM	OPTN	SPDR PORTFOLIO EMERGING MARKETS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00537	523
EEMV	EQUI	iShares MSCI Emerging Markets Min Vol Factor ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00538	523
EEMV	OPTN	iShares MSCI Emerging Markets Min Vol Factor ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00538	523
DGS	EQUI	Wisdom Tree Emerging Markets Small Cap Dividend Fu	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00539	523
DGS	OPTN	WisdomTree Emerging Markets SmallCap Dividend Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00539	523
FNDE	EQUI	Schwab Fundamental Emerging Markets Equity ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00540	523
FNDE	OPTN	Schwab Fundamental Emerging Markets Equity ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00540	523
GEM	EQUI	Goldman Sachs ActiveBeta Emerging Markets Equity E	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00541	523
GEM	OPTN	Goldman Sachs ActiveBeta Emerging Markets Equity E	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00541	523
EWX	EQUI	SPDR S & P Emerging Small CAP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00542	523
EWX	OPTN	SPDR S&P Emerging Small Cap ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00542	523
EMXC	EQUI	ISHARES INCMSCI EMRG CHN	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00543	523
KEMX	EQUI	KRANESHARES TRMSCI EMG EX CH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00543	523
EMXC	OPTN	ISHARES MSCI EMERGING MARKETS EX CHINA ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00543	523
KEMX	OPTN	KRANESHARES MSCI EMERGING MARKETS EX CHINA INDEX	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00543	523
MLE	FUTU	Mini MSCI Emerging Market Latin Amer Index Future	Yes	No	5.00		20	1.00	No	No	00524	524
ILF	EQUI	iShares Latin America 40 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	00533	524
ILF	OPTN	iShares Latin America 40 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	00533	524
A	EQUI	AGILENT TECHNOLOGIES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	A	999
A	OPTN	AGILENT TECHNOLOGIES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	A	999
2A	OPTN	AGILENT TECHNOLOGIES, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	A	999
AA	EQUI	Alcoa Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	AA	999
AA	OPTN	Alcoa Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	AA	999
AAL	EQUI	American Airlines Group Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	AAL	999
AAL	OPTN	American Airlines Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AAL	999
1AAL	OPTN	American Airlines Group, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AAL	999
2AAL	OPTN	American Airlines Group, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AAL	999
AAOI	EQUI	APPLIED OPTOELECTRONICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AAOI	999
AAOI	OPTN	Applied Optoelectronics Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	AAOI	999
AAON	EQUI	AAON INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AAON	999
AAON	OPTN	AAON INC	Yes	Yes	25.00	37.50	100	1.00	No	No	AAON	999
AAP	EQUI	ADVANCED AUTO PARTS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AAP	999
AAP	OPTN	ADVANCED AUTO PARTS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	AAP	999
AAPB	EQUI	GraniteShares ETF Trust 2x Long AAPL Daily ETF	Yes	Yes	0.00	0.00	1	2.00	Yes	No	AAPB	999
AAPB	OPTN	GraniteShares ETF Trust 2x Long AAPL Daily ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	AAPB	999
AAPD	EQUI	DIREXION DAILY AAPL BEAR 1X SHARES	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	AAPD	999
AAPD	OPTN	DIREXION DAILY AAPL BEAR 1X SHARES	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	AAPD	999
AAPL	EQUI	APPLE INC	Yes	Yes	0.00	0.00	1	1.00	No	No	AAPL	999

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Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
AAPL	OPTN	Apple Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	AAPL	999
1AAPL	OPTN	Apple Inc (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AAPL	999
2AAPL	OPTN	Apple Inc (Euro Flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	AAPL	999
AAPU	EQUI	Direxion Daily AAPL Bull 2X Shares	Yes	Yes	0.00	0.00	1	2.00	Yes	No	AAPU	999
AAPU	OPTN	Direxion Daily AAPL Bull 2X Shares	Yes	Yes	25.00	37.50	100	2.00	Yes	No	AAPU	999
AAPW	EQUI	ROUNDHILL ETF TRUSTAAPL WEEKLYPAY E	Yes	Yes	0.00	0.00	1	1.20	Yes	No	AAPW	999
AAPW	OPTN	ROUNDHILL AAPL WEEKLYPAY ETF	Yes	Yes	25.00	37.50	100	1.20	Yes	No	AAPW	999
AAPX	EQUI	T-REX 2XLONG APPLE DAILY TARGET	Yes	Yes	0.00	0.00	1	2.00	Yes	No	AAPX	999
AAPX	OPTN	T-REX 2XLONG APPLE DAILY TARGET	Yes	Yes	25.00	37.50	100	2.00	Yes	No	AAPX	999
AAPY	EQUI	KURV YIELD PREMIUM STRATEGY APPLE AAPL ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AAPY	999
AAPY	OPTN	KURV YIELD PREMIUM STRATEGY APPLE AAPL ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AAPY	999
AAT	EQUI	AMERICAN ASSETS TR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AAT	999
AAT	OPTN	American Assets Trust, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AAT	999
AAXJ	EQUI	iShares MSCI All Country Asia ex Japan ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AAXJ	999
AAXJ	OPTN	iShares MSCI All Country Asia ex Japan ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AAXJ	999
AB	OPTN	AllianceBernstein Holding L.P.	Yes	Yes	25.00	37.50	100	1.00	No	No	AB	999
ABAT	EQUI	AMERICAN BATTERY TECHNOLOGYCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	ABAT	999
ABAT	OPTN	AMERICAN BATTERY TECHNOLOGY CO.	Yes	Yes	25.00	37.50	100	1.00	No	No	ABAT	999
ABBV	EQUI	Abbvie Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ABBV	999
ABBV	OPTN	AbbVie Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ABBV	999
2ABBV	OPTN	AbbVie Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ABBV	999
ABCB	EQUI	AMERIS BANCORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ABCB	999
ABCB	OPTN	Ameris Bancorp	Yes	Yes	25.00	37.50	100	1.00	No	No	ABCB	999
ABCL	EQUI	ABCELLERA BIOLOGICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ABCL	999
ABCL	OPTN	ABCELLERA BIOLOGICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ABCL	999
ABEO	EQUI	Abeona Therapeutics Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ABEO	999
ABEO	OPTN	ABEONA THERAPEUTICS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ABEO	999
2ABEO	OPTN	ABEONA THERAPEUTICS INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ABEO	999
ABEOW	WARR	Abeona Therapeutics Inc (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	ABEO	999
ABEV	EQUI	Ambev S.A. ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	ABEV	999
ABEV	OPTN	Ambev S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	ABEV	999
ABFL	EQUI	Abacus FCF ETF Trust	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ABFL	999
ABFL	OPTN	Abacus FCF ETF Trust	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ABFL	999
ABG	EQUI	ASBURY AUTOMOTIVE GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ABG	999
ABG	OPTN	ASBURY AUTOMOTIVE GROUP INCCOM	Yes	Yes	25.00	37.50	100	1.00	No	No	ABG	999
ABL	EQUI	Abacus Global Management, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ABL	999
ABL	OPTN	Abacus Global Management, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ABL	999
ABLLW	WARR	Abacus Global Management, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	ABL	999
ABM	EQUI	ABM INDS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ABM	999
ABM	OPTN	ABM INDUSTRIES INCORPORATED	Yes	Yes	25.00	37.50	100	1.00	No	No	ABM	999
ABNB	EQUI	AIRBNB INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	ABNB	999
ABNB	OPTN	AIRBNB INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ABNB	999
1ABNB	OPTN	AIRBNB INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ABNB	999
2ABNB	OPTN	AIRBNB INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ABNB	999
ABNY	EQUI	TIDAL TR IYIELDMAX ABNB OP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ABNY	999
ABNY	OPTN	YIELDMAX ABNB OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ABNY	999
ABOS	EQUI	ACUMEN PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ABOS	999
ABOS	OPTN	ACUMEN PHARMACEUTICALS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ABOS	999
ABR	EQUI	ARBOR RLTY TR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ABR	999
ABR	OPTN	Arbor Realty Trust Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ABR	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
ABSI	EQUI	ABSCI CORPORATIONCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ABSI	999
ABSI	OPTN	ABSCI CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	ABSI	999
ABT	EQUI	ABBOTT LABS	Yes	Yes	0.00	0.00	1	1.00	No	No	ABT	999
ABT	OPTN	ABBOTT LABORATORIES	Yes	Yes	25.00	37.50	100	1.00	No	No	ABT	999
2ABT	OPTN	ABBOTT LABORATORIES (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ABT	999
ABTS	EQUI	Abits Group Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	ABTS	999
ABTS1	OPTN	Abits Group Inc (1:15 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	ABTS	999
ABUS	EQUI	Arbutus Biopharma Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	ABUS	999
ABUS	OPTN	Arbutus Biopharma Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	ABUS	999
ACA	EQUI	ARCOSA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ACA	999
ACA	OPTN	ARCOSA INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ACA	999
ACAD	EQUI	ACADIA PHARMACEUTICALS	Yes	Yes	0.00	0.00	1	1.00	No	No	ACAD	999
ACAD	OPTN	ACADIA Pharmaceuticals Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ACAD	999
ACB	EQUI	AURORA CANNABIS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ACB	999
ACB	OPTN	Aurora Cannabis Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ACB	999
ACB1	OPTN	Aurora Cannabis Inc. (1:10 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	ACB	999
ACCD	EQUI	ACCOLADE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ACCD	999
ACCD	OPTN	ACCOLADE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ACCD	999
ACCO	EQUI	ACCO BRANDS CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	ACCO	999
ACCO	OPTN	ACCO Brands Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	ACCO	999
ACDC	EQUI	PROFRAC HLDG CORPCLASS A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	ACDC	999
ACDC	OPTN	ProFrac Holding Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	ACDC	999
ACEL	EQUI	ACCEL ENTERTAINMENT INCCOM CL A1	Yes	Yes	0.00	0.00	1	1.00	No	No	ACEL	999
ACEL	OPTN	ACCEL ENTERTAINMENT, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ACEL	999
ACES	EQUI	ALPS CLEAN ENERGY ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ACES	999
ACES	OPTN	ALPS CLEAN ENERGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ACES	999
ACET	EQUI	Adicet Bio, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ACET	999
ACET	OPTN	ADICET BIO INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ACET	999
ACGL	EQUI	ARCH CAP GROUP LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	ACGL	999
ACGL	OPTN	ARCH CAPITAL GROUP Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	ACGL	999
ACHC	EQUI	ACADIA HEALTHCARE COMPANY INCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ACHC	999
ACHC	OPTN	Acadia Healthcare Co Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ACHC	999
ACHR	EQUI	Archer Aviation Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	ACHR	999
ACHR	OPTN	Archer Aviation Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ACHR	999
ACHRWS	WARR	Archer Aviation Inc (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	ACHR	999
ACHV	EQUI	ACHIEVE LIFE SCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ACHV	999
ACHV	OPTN	ACHIEVE LIFE SCIENCES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ACHV	999
ACI	EQUI	ALBERTSONS COS INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	ACI	999
ACI	OPTN	ALBERTSONS COMPANIES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ACI	999
ACIC	EQUI	American Coastal Insurance Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	ACIC	999
ACIC	OPTN	American Coastal Insurance Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	ACIC	999
ACIO	EQUI	APTUS COLLARED INVESTMENT OPPORTUNITY ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ACIO	999
ACIO	OPTN	APTUS COLLARED INVESTMENT OPPORTUNITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ACIO	999
ACIU	EQUI	AC IMMUNE SASHS	Yes	Yes	0.00	0.00	1	1.00	No	No	ACIU	999
ACIU	OPTN	AC IMMUNE SA	Yes	Yes	25.00	37.50	100	1.00	No	No	ACIU	999
ACIW	EQUI	ACI Worldwide Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	ACIW	999
ACIW	OPTN	ACI Worldwide Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ACIW	999
ACLS	EQUI	AXCELIS TECHNOLOGIES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ACLS	999
ACLS	OPTN	Axcelis Technologies Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ACLS	999
ACLX	EQUI	ARCELLX INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	ACLX	999

## RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
ACLX	OPTN	ARCELLX, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ACLX	999
1ACLX	OPTN	ARCELLX, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ACLX	999
ACM	EQUI	AECOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ACM	999
ACM	OPTN	AECOM	Yes	Yes	25.00	37.50	100	1.00	No	No	ACM	999
ACMR	EQUI	ACM RESEARCH INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	ACMR	999
ACMR	OPTN	ACM RESEARCH, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ACMR	999
ACN	EQUI	Accenture PLC	Yes	Yes	0.00	0.00	1	1.00	No	No	ACN	999
ACN	OPTN	Accenture PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	ACN	999
2ACN	OPTN	Accenture PLC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ACN	999
ACNB	EQUI	ACNB CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	ACNB	999
ACNB	OPTN	ACNB CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	ACNB	999
ACNT	EQUI	Ascent Industries Co.	Yes	Yes	0.00	0.00	1	1.00	No	No	ACNT	999
ACNT	OPTN	Ascent Industries Co.	Yes	Yes	25.00	37.50	100	1.00	No	No	ACNT	999
ACR	EQUI	ACRES Commercial Realty Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	ACR	999
ACR	OPTN	ACRES Commercial Realty Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	ACR	999
ACRE	EQUI	ARES COML REAL ESTATE CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ACRE	999
ACRE	OPTN	Ares Commercial Real Estate Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	ACRE	999
ACRS	EQUI	ACLARIS THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ACRS	999
ACRS	OPTN	Aclaris Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ACRS	999
ACT	EQUI	ENACT HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ACT	999
ACT	OPTN	ENACT HOLDINGS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ACT	999
ACTG	EQUI	ACACIA RESEARCH - ACACIA TECHNOLOGIES	Yes	Yes	0.00	0.00	1	1.00	No	No	ACTG	999
ACTG	OPTN	Acacia Research	Yes	Yes	25.00	37.50	100	1.00	No	No	ACTG	999
ACVA	EQUI	ACV AUCTIONS INCCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	ACVA	999
ACVA	OPTN	ACV AUCTIONS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ACVA	999
ACWV	EQUI	iShares MSCI Global Min Vol Factor ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ACWV	999
ACWV	OPTN	iShares MSCI Global Min Vol Factor ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ACWV	999
ACXP	EQUI	ACURX PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ACXP	999
ACXP	OPTN	ACURX PHARMACEUTICALS LLC	Yes	Yes	25.00	37.50	100	1.00	No	No	ACXP	999
ADAP	EQUI	ADAPT IMMUNE THERAPEUTICS PLC SPONDS ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	ADAP	999
ADAP	OPTN	Adaptimmune Therapeutics plc	Yes	Yes	25.00	37.50	100	1.00	No	No	ADAP	999
ADBE	EQUI	Adobe Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ADBE	999
ADBE	OPTN	Adobe Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ADBE	999
2ADBE	OPTN	Adobe Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ADBE	999
ADC	EQUI	AGREE REALTY CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	ADC	999
ADC	OPTN	Agree Realty Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	ADC	999
2ADC	OPTN	Agree Realty Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ADC	999
ADCT	EQUI	ADC THERAPEUTICS SASHS	Yes	Yes	0.00	0.00	1	1.00	No	No	ADCT	999
ADCT	OPTN	ADC THERAPEUTICS SA	Yes	Yes	25.00	37.50	100	1.00	No	No	ADCT	999
ADEA	EQUI	Adeia Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ADEA	999
ADEA	OPTN	Adeia Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ADEA	999
ADI	EQUI	ANALOG DEVICES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ADI	999
ADI	OPTN	ANALOG DEVICES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ADI	999
2ADI	OPTN	ANALOG DEVICES INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ADI	999
ADM	EQUI	ARCHER DANIELS MIDLAND CO	Yes	Yes	0.00	0.00	1	1.00	No	No	ADM	999
ADM	OPTN	ARCHER DANIELS MIDLAND CO	Yes	Yes	25.00	37.50	100	1.00	No	No	ADM	999
2ADM	OPTN	ARCHER DANIELS MIDLAND CO (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ADM	999
ADMA	EQUI	ADMA BIOLOGICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ADMA	999
ADMA	OPTN	ADMA Biologics Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ADMA	999
ADN	EQUI	Advent Technologies Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ADN	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
ADNWW	WARR	Advent Technologies Holdings, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	ADN	999
ADNT	EQUI	ADIENT PLCORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	ADNT	999
ADNT	OPTN	Adient plc	Yes	Yes	25.00	37.50	100	1.00	No	No	ADNT	999
ADP	EQUI	AUTOMATIC DATA PROCESSING IN	Yes	Yes	0.00	0.00	1	1.00	No	No	ADP	999
ADP	OPTN	AUTOMATIC DATA PROCESSINGINC	Yes	Yes	25.00	37.50	100	1.00	No	No	ADP	999
2ADP	OPTN	AUTOMATIC DATA PROCESSINGINC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ADP	999
ADPT	EQUI	ADAPTIVE BIOTECHNOLOGIES CORCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ADPT	999
ADPT	OPTN	ADAPTIVE BIOTECHNOLOGIES CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	ADPT	999
ADSE	EQUI	ADS-TEC ENERGY PLC	Yes	Yes	0.00	0.00	1	1.00	No	No	ADSE	999
ADSE	OPTN	ADS-TEC ENERGY PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	ADSE	999
ADSEW	WARR	ADS-TEC ENERGY PLC (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	ADSE	999
ADSK	EQUI	AUTODESK INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ADSK	999
ADSK	OPTN	AUTODESK INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ADSK	999
ADT	EQUI	ADT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ADT	999
ADT	OPTN	ADT, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ADT	999
1ADT	OPTN	ADT, INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ADT	999
ADTN	EQUI	ADTRAN Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ADTN	999
ADTN	OPTN	ADTRAN Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ADTN	999
ADUS	EQUI	ADDUS HOMECARE CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ADUS	999
ADUS	OPTN	Addus HomeCare Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	ADUS	999
ADV	EQUI	Advantage Solutions Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	ADV	999
ADV	OPTN	Advantage Solutions Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ADV	999
ADVWW	WARR	Advantage Solutions Inc (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	ADV	999
ADVM	EQUI	Adverum Biotechnologies, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ADVM	999
ADVM	OPTN	Adverum Biotechnologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ADVM	999
AEE	EQUI	AMEREN CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	AEE	999
AEE	OPTN	AMEREN CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	AEE	999
AEG	EQUI	Aegon Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	AEG	999
AEG	OPTN	Aegon Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	AEG	999
AEHR	EQUI	AEHR TEST SYSCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AEHR	999
AEHR	OPTN	AEHR TEST SYSTEMS	Yes	Yes	25.00	37.50	100	1.00	No	No	AEHR	999
AEIS	EQUI	ADVANCED ENERGY INDSCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AEIS	999
AEIS	OPTN	ADVANCED ENERGY	Yes	Yes	25.00	37.50	100	1.00	No	No	AEIS	999
AEM	EQUI	Agnico Eagle Mines Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	AEM	999
AEM	OPTN	Agnico Eagle Mines Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	AEM	999
2AEM	OPTN	Agnico Eagle Mines Limited (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AEM	999
AEO	EQUI	AMERICAN EAGLE OUTFITTERS NECOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AEO	999
AEO	OPTN	AMERICAN EAGLE OUTFITTERS	Yes	Yes	25.00	37.50	100	1.00	No	No	AEO	999
AEP	EQUI	AMERICAN ELEC PWR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AEP	999
AEP	OPTN	AMERICAN ELEC POWER	Yes	Yes	25.00	37.50	100	1.00	No	No	AEP	999
2AEP	OPTN	AMERICAN ELEC POWER (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AEP	999
AER	EQUI	AERCAP HOLDINGS NVSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	AER	999
AER	OPTN	AerCap Holdings NV	Yes	Yes	25.00	37.50	100	1.00	No	No	AER	999
AES	EQUI	AES CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	AES	999
AES	OPTN	AES CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	AES	999
2AES	OPTN	AES CORP. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AES	999
AESI	EQUI	ATLAS ENERGY SOLUTIONS INCCOM CLASS A	Yes	Yes	0.00	0.00	1	1.00	No	No	AESI	999
AESI	OPTN	ATLAS ENERGY SOLUTIONS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	AESI	999
AETH	EQUI	Bitwise Trendwise Ether&Treasuries RotationStratgy	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AETH	999
AETH	OPTN	Bitwise Trendwise Ether&Treasuries RotationStratgy	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AETH	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
AEVA	EQUI	Aeva Technologies, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	AEVA	999
AEVA	OPTN	Aeva Technologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AEVA	999
AEVAW	WARR	Aeva Technologies, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	AEVA	999
AEYE	EQUI	AUDIOEYE INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	AEYE	999
AEYE	OPTN	AUDIOEYE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	AEYE	999
AFCG	EQUI	Advanced Flower Capital Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	AFCG	999
AFCG	OPTN	Advanced Flower Capital Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AFCG	999
AFG	EQUI	AMERICAN FINL GROUP INC OHIO	Yes	Yes	0.00	0.00	1	1.00	No	No	AFG	999
AFG	OPTN	AMERICAN FINANCIAL GROUP	Yes	Yes	25.00	37.50	100	1.00	No	No	AFG	999
AFK	EQUI	VanEck Africa Index ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AFK	999
AFK	OPTN	VanEck Africa Index ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AFK	999
AFL	EQUI	AFLAC INC	Yes	Yes	0.00	0.00	1	1.00	No	No	AFL	999
AFL	OPTN	AFLAC INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	AFL	999
2AFL	OPTN	AFLAC INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AFL	999
AFLG	EQUI	FIRST TR EXCHNG TRADED FD VIACTV FCTR LGCP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AFLG	999
AFMC	EQUI	FIRST TR EXCHNG TRADED FD VIACTV FCTR MDCP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AFMC	999
AFMD	EQUI	AFFIMED N VCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AFMD	999
AFMD	OPTN	Affimed NV	Yes	Yes	25.00	37.50	100	1.00	No	No	AFMD	999
AFRM	EQUI	AFFIRM HLDGS INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	AFRM	999
AFRM	OPTN	AFFIRM HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	AFRM	999
2AFRM	OPTN	AFFIRM HOLDINGS, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AFRM	999
AFSM	EQUI	FIRST TR EXCHNG TRADED FD VIACTV FCTR SMCP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AFSM	999
AFTY	EQUI	Pacer CSOP FTSE China A50 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AFTY	999
AFYA	EQUI	AFYA LTDCL A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	AFYA	999
AFYA	OPTN	AFYA LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	AFYA	999
AG	EQUI	FIRST MAJESTIC SILVER CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AG	999
AG	OPTN	First Majestic Silver Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	AG	999
AG1	OPTN	GATOS SILVER, INC. (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	AG	999
AGCO	EQUI	AGCO CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	AGCO	999
AGCO	OPTN	AGCO CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	AGCO	999
2AGCO	OPTN	AGCO CORP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AGCO	999
AGEN	EQUI	AGENUS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	AGEN	999
AGEN	OPTN	Agenus Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AGEN	999
AGGY	EQUI	WISDOMTREE TRYIELD ENHANCD US	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AGGY	999
AGGY	OPTN	WISDOMTREE YIELD ENHANCED U.S. AGGREGATE BOND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AGGY	999
AGI	EQUI	Alamos Gold Inc. Class A Shares	Yes	Yes	0.00	0.00	1	1.00	No	No	AGI	999
AGI	OPTN	Alamos Gold Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	AGI	999
1AGI	OPTN	Alamos Gold Inc (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AGI	999
AGIO	EQUI	AGIOS PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AGIO	999
AGIO	OPTN	Agios Pharmaceuticals Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	AGIO	999
1AGIO	OPTN	Agios Pharmaceuticals Inc (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AGIO	999
AGL	EQUI	AGILON HEALTH INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AGL	999
AGL	OPTN	AGILON HEALTH INC	Yes	Yes	25.00	37.50	100	1.00	No	No	AGL	999
AGM	EQUI	FEDERAL AGRICULTURE CORP CLS C	Yes	Yes	0.00	0.00	1	1.00	No	No	AGM	999
AGM	OPTN	Federal Agricultural Mortgage Corp. (CI C)	Yes	Yes	25.00	37.50	100	1.00	No	No	AGM	999
AGNC	EQUI	AGNC Investment Corp.	Yes	Yes	0.00	0.00	1	1.00	No	No	AGNC	999
AGNC	OPTN	AGNC Investment Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	AGNC	999
1AGNC	OPTN	AGNC Investment Corp. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AGNC	999
AGNG	EQUI	GLOBAL X FDSAGING POPULATION	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AGNG	999
AGNG	OPTN	GLOBAL X AGING POPULATION ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AGNG	999



RBH/CPM Included Products

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AGO	EQUI	Assured Guaranty LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	AGO	999
AGO	OPTN	ASSURED GUARANTY LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	AGO	999
AGRO	EQUI	ADECOAGRO S ACOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AGRO	999
AGRO	OPTN	AdecoAgro SA	Yes	Yes	25.00	37.50	100	1.00	No	No	AGRO	999
AGS	EQUI	PLAYAGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AGS	999
AGS	OPTN	PLAYAGS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	AGS	999
AGX	EQUI	ARGAN INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AGX	999
AGX	OPTN	Argan Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	AGX	999
AGYS	EQUI	AGILYSYS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	AGYS	999
AGYS	OPTN	AGILYSYS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	AGYS	999
AGZ	EQUI	ISHARES TRAGENCY BOND ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AGZ	999
AGZ	OPTN	ISHARES AGENCY BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AGZ	999
AHCO	EQUI	AdaptHealth Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	AHCO	999
AHCO	OPTN	AdaptHealth Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	AHCO	999
2AHCO	OPTN	AdaptHealth Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AHCO	999
AHH	EQUI	ARMADA HOFFLER PPTYS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AHH	999
AHH	OPTN	Armada Hoffler Properties, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AHH	999
AHOY	EQUI	TIDAL ETF TRNEWDAY OCN HEALT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AHOY	999
AHR	EQUI	AMERICAN HEALTHCARE REIT INCCOM SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	AHR	999
AHR	OPTN	AMERICAN HEALTHCARE REIT INC	Yes	Yes	25.00	37.50	100	1.00	No	No	AHR	999
AHT	EQUI	ASHFORD HOSPITALITY TR INCCOM SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	AHT	999
AHT1	OPTN	Ashford Hospitality Trust Inc. (1:10 R Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	AHT	999
AI	EQUI	C3 AI INCCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	AI	999
AI	OPTN	C3.AI, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	AI	999
2AI	OPTN	C3.AI, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AI	999
AIA	EQUI	ISHARES TRASIA 50 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AIA	999
AIA	OPTN	ISHARES ASIA 50 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AIA	999
AIBD	EQUI	DIREXION SHS ETF TRDAILY AI AND BIG	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	AIBU	999
AIBU	EQUI	DIREXION SHS ETF TRDAILY AI AND BIG	Yes	Yes	0.00	0.00	1	2.00	Yes	No	AIBU	999
AIBU	OPTN	DIREXION DAILY AI AND BIG DATA BULL 2X SHARES	Yes	Yes	25.00	37.50	100	2.00	Yes	No	AIBU	999
AIEQ	EQUI	Amplify AI Powered Equity ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AIEQ	999
AIEQ	OPTN	Amplify AI Powered Equity ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AIEQ	999
AIFU	EQUI	AIX Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	AIFU	999
AIFU	OPTN	AIX Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AIFU	999
AIG	EQUI	AMERICAN INTL GROUP INC	Yes	Yes	0.00	0.00	1	1.00	No	No	AIG	999
AIG	OPTN	AMERICAN INTERNATIONAL GROUP	Yes	Yes	25.00	37.50	100	1.00	No	No	AIG	999
2AIG	OPTN	AMERICAN INTERNATIONAL GROUP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AIG	999
AIGWS	WARR	American International Group (warrant)	No	No			1	1.00	No	No	AIG	999
AIN	EQUI	ALBANY INTL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	AIN	999
AIN	OPTN	Albany International Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	AIN	999
AIOT	EQUI	PowerFleet, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	AIOT	999
AIOT	OPTN	PowerFleet, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AIOT	999
AIP	EQUI	ARTERIS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AIP	999
AIP	OPTN	ARTERIS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	AIP	999
API	EQUI	ETF OPPORTUNITIES TRUSTREX AI EQUITY PR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	API	999
API	OPTN	REX AI EQUITY PREMIUM INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	API	999
AIQ	EQUI	GLOBAL X FDSARTIFICIAL ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AIQ	999
AIQ	OPTN	GLOBAL X ARTIFICIAL INTELLIGENCE & TECHNOLOGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AIQ	999
AIR	EQUI	AAR CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AIR	999
AIR	OPTN	AAR CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	AIR	999

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AIRG	EQUI	AIRGAIN INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AIRG	999
AIRG	OPTN	Airgain Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	AIRG	999
AIRR	EQUI	FIRST TR EXCHANGE-TRADED FDRBA INDL ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AIRR	999
AIRR	OPTN	FIRST TRUST RBA AMERICAN INDUSTRIAL RENAISSANCE	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AIRR	999
AIRS	EQUI	AIRSCULPT TECHNOLOGIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AIRS	999
AIRS	OPTN	AIRSCULPT TECHNOLOGIES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	AIRS	999
AISP	EQUI	Airship AI Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	AISP	999
AISP	OPTN	AIRSHIP AI HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	AISP	999
AISPW	WARR	Airship AI Holdings, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	AISP	999
AIT	EQUI	APPLIED INDL TECHNOLOGIES IN	Yes	Yes	0.00	0.00	1	1.00	No	No	AIT	999
AIT	OPTN	Applied Industrial Technologies Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AIT	999
AIV	EQUI	APARTMENT INVT & MGMT CO	Yes	Yes	0.00	0.00	1	1.00	No	No	AIV	999
AIV	OPTN	APARTMENT INVEST & MGMT CL. A	Yes	Yes	25.00	37.50	100	1.00	No	No	AIV	999
AIVI	EQUI	WISDOMTREE TRINTERNTNL AI ENH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AIVI	999
AIVI	OPTN	WISDOMTREE INTERNATIONAL AI ENHANCED VALUE FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AIVI	999
AIVL	EQUI	WisdomTree U.S. AI Enhanced Value Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AIVL	999
AIVL	OPTN	WisdomTree U.S. AI Enhanced Value Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AIVL	999
AIYY	EQUI	TIDAL TR IYIELDMAX AI OPT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AIYY	999
AIYY	OPTN	YIELDMAX AI OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AIYY	999
AIZ	EQUI	ASSURANT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AIZ	999
AIZ	OPTN	ASSURANT INC	Yes	Yes	25.00	37.50	100	1.00	No	No	AIZ	999
2AIZ	OPTN	ASSURANT INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AIZ	999
AJG	EQUI	GALLAGHER ARTHUR J & CO	Yes	Yes	0.00	0.00	1	1.00	No	No	AJG	999
AJG	OPTN	ARTHUR J. GALLAGHER & CO.	Yes	Yes	25.00	37.50	100	1.00	No	No	AJG	999
2AJG	OPTN	ARTHUR J. GALLAGHER & CO. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AJG	999
RPT	EQUI	Rithm Property Trust Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	AJX	999
RPT	OPTN	Rithm Property Trust Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AJX	999
1RPT	OPTN	Rithm Property Trust Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AJX	999
AKAM	EQUI	AKAMAI TECHNOLOGIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AKAM	999
AKAM	OPTN	AKAMAI TECHNOLOGIES, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	AKAM	999
1AKAM	OPTN	AKAMAI TECHNOLOGIES, INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AKAM	999
2AKAM	OPTN	AKAMAI TECHNOLOGIES, INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AKAM	999
AKBA	EQUI	AKEBIA THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AKBA	999
AKBA	OPTN	Akebia Therapeutics Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	AKBA	999
AKR	EQUI	ACADIA RLTY TR	Yes	Yes	0.00	0.00	1	1.00	No	No	AKR	999
AKR	OPTN	Acadia Realty Trust	Yes	Yes	25.00	37.50	100	1.00	No	No	AKR	999
AKRO	EQUI	AKERO THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AKRO	999
AKRO	OPTN	AKERO THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	AKRO	999
AKTSQ	EQUI	AKOUSTIS TECHNOLOGIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AKTSQ	999
AKTSQ	OPTN	Akoustis Technologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AKTSQ	999
AKYA	EQUI	AKOYA BIOSCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AKYA	999
AKYA	OPTN	AKOYA BIOSCIENCES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	AKYA	999
AL	EQUI	AIR LEASE CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	AL	999
AL	OPTN	Air Lease Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	AL	999
ALAB	EQUI	ASTERA LABS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ALAB	999
ALAB	OPTN	ASTERA LABS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ALAB	999
2ALAB	OPTN	ASTERA LABS, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ALAB	999
ALB	EQUI	ALBEMARLE CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	ALB	999
ALB	OPTN	ALBEMARLE CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	ALB	999
2ALB	OPTN	ALBEMARLE CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ALB	999

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ALC	EQUI	Alcon Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ALC	999
ALC	OPTN	ALCON INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ALC	999
ALDX	EQUI	ALDEYRA THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ALDX	999
ALDX	OPTN	ALDEYRA THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ALDX	999
ALE	EQUI	ALLETE INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	ALE	999
ALE	OPTN	ALLETE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ALE	999
ALEC	EQUI	ALECTOR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ALEC	999
ALEC	OPTN	ALECTOR INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ALEC	999
ALEX	EQUI	Alexander & Baldwin Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ALEX	999
ALEX	OPTN	Alexander & Baldwin Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ALEX	999
ALG	EQUI	ALAMO GROUP INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ALG	999
ALG	OPTN	Alamo Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ALG	999
ALGM	EQUI	ALLEGRO MICROSYSTEMS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ALGM	999
ALGM	OPTN	ALLEGRO MICROSYSTEMS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ALGM	999
ALGN	EQUI	ALIGN TECHNOLOGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ALGN	999
ALGN	OPTN	ALIGN TECHNOLOGY INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ALGN	999
ALGS	EQUI	ALIGOS THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ALGS	999
ALGS1	OPTN	ALIGOS THERAPEUTICS, INC.(1:25)	Yes	Yes	25.00	37.50	100	1.00	No	No	ALGS	999
ALGT	EQUI	ALLEGIANT TRAVEL COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ALGT	999
ALGT	OPTN	Allegiant Travel Company	Yes	Yes	25.00	37.50	100	1.00	No	No	ALGT	999
ALHC	EQUI	ALIGNMENT HEALTHCARE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ALHC	999
ALHC	OPTN	ALIGNMENT HEALTHCARE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ALHC	999
ALIT	EQUI	Alight, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	ALIT	999
ALIT	OPTN	Alight, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ALIT	999
ALK	EQUI	ALASKA AIR GROUP INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ALK	999
ALK	OPTN	ALASKA AIR GROUP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ALK	999
2ALK	OPTN	ALASKA AIR GROUP INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ALK	999
ALKS	EQUI	Alkermes plc	Yes	Yes	0.00	0.00	1	1.00	No	No	ALKS	999
ALKS	OPTN	Alkermes plc	Yes	Yes	25.00	37.50	100	1.00	No	No	ALKS	999
ALKT	EQUI	ALKAMI TECHNOLOGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ALKT	999
ALKT	OPTN	ALKAMI TECHNOLOGY INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ALKT	999
ALL	EQUI	ALLSTATE CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	ALL	999
ALL	OPTN	ALLSTATE CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	ALL	999
2ALL	OPTN	ALLSTATE CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ALL	999
ALLE	EQUI	ALLEGION PUB LTD COORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	ALLE	999
ALLE	OPTN	Allegion PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	ALLE	999
ALLGF	EQUI	Allego N.V.	Yes	Yes	0.00	0.00	1	1.00	No	No	ALLGF	999
ALLGF	OPTN	Allego N.V.	Yes	Yes	25.00	37.50	100	1.00	No	No	ALLGF	999
ALLK	EQUI	ALLAKOS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ALLK	999
ALLK	OPTN	ALLAKOS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ALLK	999
ALLO	EQUI	ALLOGENE THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ALLO	999
ALLO	OPTN	ALLOGENE THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ALLO	999
ALLT	EQUI	Allot Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	ALLT	999
ALLT	OPTN	Allot Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	ALLT	999
1ALLT	OPTN	Allot Ltd. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ALLT	999
2ALLT	OPTN	Allot Ltd. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ALLT	999
ALLY	EQUI	ALLY FINL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ALLY	999
ALLY	OPTN	Ally Financial Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ALLY	999
ALNT	EQUI	Allient Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ALNT	999
ALNT	OPTN	Allient Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ALNT	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
ALNY	EQUI	ALNYLAM PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ALNY	999
ALNY	OPTN	ALNYLAM PHARMACEUTICALS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ALNY	999
ALPP	EQUI	ALPINE 4 HOLDINGS INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	ALPP	999
ALPP	OPTN	ALPINE 4 HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ALPP	999
ALRM	EQUI	ALARM COM HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ALRM	999
ALRM	OPTN	Alarm.com Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ALRM	999
ALRS	EQUI	ALERUS FINANCIAL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	ALRS	999
ALRS	OPTN	ALERUS FINANCIAL CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	ALRS	999
ALSN	EQUI	ALLISON TRANSMISSION HLDGS ICOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ALSN	999
ALSN	OPTN	Allison Transmission Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ALSN	999
ALT	EQUI	Altimmune, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ALT	999
ALT	OPTN	ALTIMMUNE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ALT	999
ALTG	EQUI	Alta Equipment Group Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ALTG	999
ALTG	OPTN	ALTA EQUIPMENT GROUP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ALTG	999
ALTL	EQUI	PACER FDS TRLUNT LRG CP ALTR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ALTL	999
ALTL	OPTN	PACER LUNT LARGE CAP ALTERNATOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ALTL	999
ALTM	OPTN	ARCADIUM LITHIUM PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	ALTM	999
ALTM1	OPTN	LIVENT CORP (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	ALTM	999
ALTO	EQUI	Alto Ingredients, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ALTO	999
ALTO	OPTN	Alto Ingredients, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ALTO	999
ALTR	OPTN	Altair Engineering Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ALTR	999
ALTS	EQUI	ALT5 SIGMA CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ALTS	999
ALTS	OPTN	ALT5 SIGMA CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	ALTS	999
ALTY	EQUI	Global X Funds Global X Alternative Income ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ALTY	999
ALTY	OPTN	Global X Funds Global X Alternative Income ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ALTY	999
ALUR	EQUI	Allurion Technologies, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ALUR	999
ALUR1	OPTN	ALLURION TECHNOLOGIES INC (1:25 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	ALUR	999
ALURWS	WARR	ALLURION TECHNOLOGIES INC (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	ALUR	999
ALV	EQUI	AUTOLIV INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ALV	999
ALV	OPTN	AUTOLIV, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ALV	999
ALXO	EQUI	ALX ONCOLOGY HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ALXO	999
ALXO	OPTN	ALX ONCOLOGY HOLDINGS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ALXO	999
AM	EQUI	Antero Midstream Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	AM	999
AM	OPTN	Antero Midstream Partners LP	Yes	Yes	25.00	37.50	100	1.00	No	No	AM	999
AMAL	EQUI	Amalgamated Financial Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	AMAL	999
AMAL	OPTN	AMALGAMATED FINANCIAL CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	AMAL	999
AMAT	EQUI	APPLIED MATERIALS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	AMAT	999
AMAT	OPTN	APPLIED MATERIALS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	AMAT	999
1AMAT	OPTN	APPLIED MATERIALS, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AMAT	999
2AMAT	OPTN	APPLIED MATERIALS, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AMAT	999
AMBA	EQUI	AMBARELLA INCSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	AMBA	999
AMBA	OPTN	Ambarella Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	AMBA	999
AMBC	EQUI	AMBAC FINL GROUP INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	AMBC	999
AMBC	OPTN	Ambac Financial Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AMBC	999
2AMBC	OPTN	Ambac Financial Group, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AMBC	999
AMBCWS	WARR	Ambac Financial Group, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	AMBC	999
AMBP	EQUI	Ardagh Metal Packaging S.A.	Yes	Yes	0.00	0.00	1	1.00	No	No	AMBP	999
AMBP	OPTN	Ardagh Metal Packaging S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	AMBP	999
AMBPWS	WARR	Ardagh Metal Packaging S.A. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	AMBP	999
AMC	EQUI	AMC ENTMT HLDGS INCCL A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	AMC	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
AMC	OPTN	AMC Entertainment Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AMC	999
AMC2	OPTN	AMC Entertainment Holdings Inc. (Stock Div)	Yes	Yes	25.00	37.50	100	1.00	No	No	AMC	999
AMCR	EQUI	AMCOR PLC	Yes	Yes	0.00	0.00	1	1.00	No	No	AMCR	999
AMCR	OPTN	AMCOR PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	AMCR	999
2AMCR	OPTN	AMCOR PLC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AMCR	999
AMCX	EQUI	AMC NETWORKS INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	AMCX	999
AMCX	OPTN	AMC Networks Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AMCX	999
AMD	EQUI	ADVANCED MICRO DEVICES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	AMD	999
AMD	OPTN	ADVANCED MICRO-DEVICES	Yes	Yes	25.00	37.50	100	1.00	No	No	AMD	999
1AMD	OPTN	ADVANCED MICRO-DEVICES (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AMD	999
2AMD	OPTN	ADVANCED MICRO-DEVICES (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AMD	999
AMDL	EQUI	GRANITESHARES ETF TRGRANITE 2X LONG	Yes	Yes	0.00	0.00	1	2.00	Yes	No	AMDL	999
AMDL	OPTN	GRANITESHARES 2X LONG AMD DAILY ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	AMDL	999
AMDS	EQUI	GRANITESHARES ETF TR1X SHORT AMD DLY	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	AMDS	999
AMDS	OPTN	GRANITESHARES 1X SHORT AMD DAILY ETF	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	AMDS	999
AMDY	EQUI	TIDAL ETF TR IYIELDMAX AMD OPT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AMDY	999
AMDY	OPTN	YIELDMAX AMD OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AMDY	999
AME	EQUI	AMETEK INC NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	AME	999
AME	OPTN	AMETEK, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	AME	999
2AME	OPTN	AMETEK, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AME	999
AMED	EQUI	AMEDISYS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AMED	999
AMED	OPTN	AMEDISYS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	AMED	999
AMG	EQUI	AFFILIATED MANAGERS GROUP	Yes	Yes	0.00	0.00	1	1.00	No	No	AMG	999
AMG	OPTN	AFFILIATED MANAGERS GROUP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	AMG	999
AMGN	EQUI	AMGEN INC	Yes	Yes	0.00	0.00	1	1.00	No	No	AMGN	999
AMGN	OPTN	AMGEN	Yes	Yes	25.00	37.50	100	1.00	No	No	AMGN	999
2AMGN	OPTN	AMGEN (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AMGN	999
AMH	EQUI	AMERICAN HOMES 4 RENTCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	AMH	999
AMH	OPTN	American Homes 4 Rent	Yes	Yes	25.00	37.50	100	1.00	No	No	AMH	999
2AMH	OPTN	American Homes 4 Rent (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AMH	999
AMJ	EQUI	JPMORGAN Alerian MLP ETN	Yes	No	0.00		1	1.00	No	Yes	AMJ	999
AMKR	EQUI	AMKOR TECHNOLOGY INC	Yes	Yes	0.00	0.00	1	1.00	No	No	AMKR	999
AMKR	OPTN	AMKOR TECHNOLOGY	Yes	Yes	25.00	37.50	100	1.00	No	No	AMKR	999
AMLP	EQUI	ALPS ETF TRALERIAN MLP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AMLP	999
AMLP	OPTN	Alerian MLP ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AMLP	999
AMLX	EQUI	AMYLYX PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AMLX	999
AMLX	OPTN	AMYLYX PHARMACEUTICALS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	AMLX	999
AMN	EQUI	AMN HEALTHCARE SERVICES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AMN	999
AMN	OPTN	AMN Healthcare Services, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AMN	999
AMOM	EQUI	QRAFT AI-ENHANCED U.S. LARGE CAP MOMENTUM ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AMOM	999
AMOM	OPTN	QRAFT AI-ENHANCED U.S. LARGE CAP MOMENTUM ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AMOM	999
AMP	EQUI	AMERIPRISE FINL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AMP	999
AMP	OPTN	AMERIPRISE FINANCIAL INC	Yes	Yes	25.00	37.50	100	1.00	No	No	AMP	999
2AMP	OPTN	AMERIPRISE FINANCIAL INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AMP	999
AMPH	EQUI	AMPHASTAR PHARMACEUTICALS INCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AMPH	999
AMPH	OPTN	AMPHASTAR PHARMACEUTICALS, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	AMPH	999
AMPL	EQUI	AMPLITUDE INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	AMPL	999
AMPL	OPTN	AMPLITUDE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	AMPL	999
AMPS	EQUI	Altus Power, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	AMPS	999
AMPS	OPTN	Altus Power, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AMPS	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
AMPX	EQUI	AMPRIUS TECHNOLOGIES INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	AMPX	999
AMPX	OPTN	AMPRIUS TECHNOLOGIES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	AMPX	999
AMPXWS	WARR	AMPRIUS TECHNOLOGIES INCCOMMON STOCK (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	AMPX	999
AMPY	EQUI	Amplify Energy Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	AMPY	999
AMPY	OPTN	Amplify Energy Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	AMPY	999
AMR	EQUI	Alpha Metallurgical Resources, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	AMR	999
AMR	OPTN	Alpha Metallurgical Resources, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AMR	999
AMRC	EQUI	AMERESCO INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	AMRC	999
AMRC	OPTN	Ameresco, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AMRC	999
AMRK	EQUI	A-MARK PRECIOUS METALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AMRK	999
AMRK	OPTN	A-MARK PRECIOUS METALS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	AMRK	999
AMRN	EQUI	AMARIN CORP PLCSPONS ADR NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	AMRN	999
AMRN	OPTN	Amarin Corp. PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	AMRN	999
AMRX	EQUI	Amneal Pharmaceuticals, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	AMRX	999
AMRX	OPTN	Amneal Pharmaceuticals, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AMRX	999
AMSC	EQUI	AMERICAN SUPERCONDUCTOR CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AMSC	999
AMSC	OPTN	AMERICAN SUPERCONDUCTOR CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	AMSC	999
AMSF	EQUI	AMERISAFE INC	Yes	Yes	0.00	0.00	1	1.00	No	No	AMSF	999
AMSF	OPTN	AMERISAFE, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AMSF	999
AMT	EQUI	AMERICAN TOWER CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	AMT	999
AMT	OPTN	AMERICAN TOWER CL A	Yes	Yes	25.00	37.50	100	1.00	No	No	AMT	999
2AMT	OPTN	AMERICAN TOWER CL A (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AMT	999
AMTB	EQUI	Amerant Bancorp Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	AMTB	999
AMTB	OPTN	AMERANT BANCORP INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	AMTB	999
AMTM	EQUI	Amentum Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	AMTM	999
AMTM	OPTN	AMENTUM HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	AMTM	999
AMTX	EQUI	AEMETIS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	AMTX	999
AMTX	OPTN	AEMETIS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	AMTX	999
AMWD	EQUI	AMERICAN WOODMARK CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AMWD	999
AMWD	OPTN	American Woodmark Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	AMWD	999
AMWL	EQUI	AMERICAN WELL CORPCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	AMWL	999
AMWL	OPTN	AMERICAN WELL CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	AMWL	999
AMX	EQUI	America Movil, S.A.B. de C.V. Series B	Yes	Yes	0.00	0.00	1	1.00	No	No	AMX	999
AMX	OPTN	America Movil, S.A.B. de C.V. Series B	Yes	Yes	25.00	37.50	100	1.00	No	No	AMX	999
2AMX	OPTN	America Movil, S.A.B. de C.V. Series B (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AMX	999
AMZA	EQUI	InfraCap MLP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AMZA	999
AMZA	OPTN	InfraCap MLP ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AMZA	999
AMZD	EQUI	DIREXION SHS ETF TRDAILY AMZN BR 1X	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	AMZD	999
AMZD	OPTN	DIREXION DAILY AMZN BEAR 1X SHARES ETF	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	AMZD	999
AMZN	EQUI	AMAZON COM INC	Yes	Yes	0.00	0.00	1	1.00	No	No	AMZN	999
AMZN	OPTN	AMAZON COM	Yes	Yes	25.00	37.50	100	1.00	No	No	AMZN	999
1AMZN	OPTN	AMAZON COM (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AMZN	999
2AMZN	OPTN	AMAZON COM (Euro Flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	AMZN	999
AMZP	EQUI	KURV YIELD PREMIUM STRATEGY AMAZON AMZN ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AMZP	999
AMZP	OPTN	KURV YIELD PREMIUM STRATEGY AMAZON AMZN ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AMZP	999
AMZU	EQUI	Direxion Daily AMZN Bull 2X Shares	Yes	Yes	0.00	0.00	1	2.00	Yes	No	AMZU	999
AMZU	OPTN	Direxion Daily AMZN Bull 2X Shares	Yes	Yes	25.00	37.50	100	2.00	Yes	No	AMZU	999
AMZY	EQUI	TIDAL ETF TR IYIELDMAX AMZN OP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AMZY	999
AMZY	OPTN	YIELDMAX AMZN OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AMZY	999
AMZZ	EQUI	GRANITESHARES ETF TRGRANITESHARES 2X	Yes	Yes	0.00	0.00	1	2.00	Yes	No	AMZZ	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
AMZZ	OPTN	GRANITESHARES 2X LONG AMZN DAILY ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	AMZZ	999
AN	EQUI	AUTONATION INC	Yes	Yes	0.00	0.00	1	1.00	No	No	AN	999
AN	OPTN	AUTONATION, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	AN	999
ANAB	EQUI	ANAPTYSBIO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ANAB	999
ANAB	OPTN	AnaptysBio, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ANAB	999
ANDE	EQUI	ANDERSONS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ANDE	999
ANDE	OPTN	The Andersons, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ANDE	999
ANET	EQUI	ARISTA NETWORKS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ANET	999
ANET	OPTN	Arista Networks Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ANET	999
2ANET	OPTN	Arista Networks Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ANET	999
ANEW	EQUI	PROSHARES TRMSCI TRANFRMTNAL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ANEW	999
ANEW	OPTN	PROSHARES MSCI TRANSFORMATIONAL CHANGES	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ANEW	999
ANF	EQUI	ABERCROMBIE & FITCH CO	Yes	Yes	0.00	0.00	1	1.00	No	No	ANF	999
ANF	OPTN	ABERCROMBIE & FITCH CO	Yes	Yes	25.00	37.50	100	1.00	No	No	ANF	999
ANGI	EQUI	Angi Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	ANGI	999
ANGI	OPTN	Angi Inc. Class A	Yes	Yes	25.00	37.50	100	1.00	No	No	ANGI	999
ANGI1	OPTN	Angi Inc. Class A (1:10 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	ANGI	999
ANGL	EQUI	VanEck Fallen Angel High Yield Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ANGL	999
ANGL	OPTN	VanEck Fallen Angel High Yield Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ANGL	999
ANGO	EQUI	ANGIODYNAMICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ANGO	999
ANGO	OPTN	AngioDynamcis, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ANGO	999
ANIK	EQUI	ANIKA THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ANIK	999
ANIK	OPTN	Anika Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ANIK	999
ANIP	EQUI	ANI Pharmaceuticals Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ANIP	999
ANIP	OPTN	ANI Pharmaceuticals Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ANIP	999
ANIX	EQUI	ANIXA BIOSCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ANIX	999
ANIX	OPTN	ANIXA BIOSCIENCES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ANIX	999
ANNX	EQUI	ANNEXON INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ANNX	999
ANNX	OPTN	ANNEXON, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ANNX	999
ANRO	EQUI	ALTO NEUROSCIENCE INCCOM SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	ANRO	999
ANRO	OPTN	ALTO NEUROSCIENCE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ANRO	999
ANSS	EQUI	ANSYS, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ANSS	999
ANSS	OPTN	ANSYS, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ANSS	999
ANVS	EQUI	ANNOVIS BIO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ANVS	999
ANVS	OPTN	ANNOVIS BIO INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ANVS	999
ANY	EQUI	SPHERE 3D CORP NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ANY	999
ANY	OPTN	SPHERE 3D CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	ANY	999
AOA	EQUI	iShares Core 80/20 Aggressive Allocation ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AOA	999
AOA	OPTN	iShares Core 80/20 Aggressive Allocation ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AOA	999
AOK	EQUI	ISHARES TRCONSER ALLOC ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AOK	999
AOM	EQUI	iShares Core 40/60 Moderate Allocation ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AOM	999
AOM	OPTN	iShares Core 40/60 Moderate Allocation ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AOM	999
AON	EQUI	Aon plc	Yes	Yes	0.00	0.00	1	1.00	No	No	AON	999
AON	OPTN	Aon plc	Yes	Yes	25.00	37.50	100	1.00	No	No	AON	999
2AON	OPTN	Aon plc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AON	999
AOR	EQUI	iShares Core 60/40 Balanced Allocation ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AOR	999
AOR	OPTN	iShares Core 60/40 Balanced Allocation ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AOR	999
AORT	EQUI	Artivion, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	AORT	999
AORT	OPTN	Artivion, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AORT	999
AOS	EQUI	SMITH A O	Yes	Yes	0.00	0.00	1	1.00	No	No	AOS	999



**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
AOS	OPTN	Smith (A.O.) Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	AOS	999
AOSL	EQUI	ALPHA & OMEGA SEMICONDUCTORSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	AOSL	999
AOSL	OPTN	Alpha and Omega Semiconductor Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	AOSL	999
AOUT	EQUI	AMERICAN OUTDOOR BRANDS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AOUT	999
AOUT	OPTN	AMERICAN OUTDOOR BRANDS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	AOUT	999
AP	EQUI	Ampco Pittsburgh Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	AP	999
AP	OPTN	Ampco pittsburgh Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	AP	999
APWS	WARR	Ampco-Pittsburgh Corporation (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	AP	999
APA	EQUI	APA Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	APA	999
APA	OPTN	APA Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	APA	999
APA1	OPTN	Callon Petroleum Company (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	APA	999
2APA	OPTN	APA Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	APA	999
APAM	EQUI	ARTISAN PARTNERS ASSET MGMTCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	APAM	999
APAM	OPTN	Artisan Partners Asset Management, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	APAM	999
APD	EQUI	AIR PRODS & CHEMS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	APD	999
APD	OPTN	AIR PRODUCTS AND CHEMICALS,INC	Yes	Yes	25.00	37.50	100	1.00	No	No	APD	999
2APD	OPTN	AIR PRODUCTS AND CHEMICALS,INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	APD	999
APEI	EQUI	AMERICAN PUBLIC EDUCATION INCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	APEI	999
APEI	OPTN	American Public Education Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	APEI	999
APG	EQUI	API GROUP CORPCOM STK	Yes	Yes	0.00	0.00	1	1.00	No	No	APG	999
APG	OPTN	API GROUP CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	APG	999
APGE	EQUI	APOGEE THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	APGE	999
APGE	OPTN	APOGEE THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	APGE	999
1APGE	OPTN	APOGEE THERAPEUTICS, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	APGE	999
APH	EQUI	AMPHENOL CORP NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	APH	999
APH	OPTN	AMPHENOL CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	APH	999
2APH	OPTN	AMPHENOL CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	APH	999
API	EQUI	AGORA INCADS	Yes	Yes	0.00	0.00	1	1.00	No	No	API	999
API	OPTN	AGORA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	API	999
APLD	EQUI	APPLIED DIGITAL CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	APLD	999
APLD	OPTN	APPLIED DIGITAL CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	APLD	999
1APLD	OPTN	APPLIED DIGITAL CORPORATION (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	APLD	999
APPLE	EQUI	APPLE HOSPITALITY REIT INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	APPLE	999
APPLE	OPTN	Apple Hospitality REIT Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	APPLE	999
APLS	EQUI	APELLIS PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	APLS	999
APLS	OPTN	APELLIS PHARMACEUTICALS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	APLS	999
APLT	EQUI	APPLIED THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	APLT	999
APLT	OPTN	APPLIED THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	APLT	999
APLY	EQUI	TIDAL ETF TR IYIELDMAX AAPL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	APLY	999
APLY	OPTN	YIELDMAX AAPL OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	APLY	999
APO	EQUI	Apollo Global Management, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	APO	999
APO	OPTN	Apollo Global Management, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	APO	999
1APO	OPTN	Apollo Global Management, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	APO	999
2APO	OPTN	Apollo Global Management, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	APO	999
APOG	EQUI	APOGEE ENTERPRISES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	APOG	999
APOG	OPTN	APOGEE ENTERPRISES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	APOG	999
APP	EQUI	APPLOVIN CORPCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	APP	999
APP	OPTN	APPLOVIN CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	APP	999
2APP	OPTN	APPLOVIN CORP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	APP	999
APPF	EQUI	APPFOLIO INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	APPF	999

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APPF	OPTN	Appfolio Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	APPF	999
APPN	EQUI	APPIAN CORPCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	APPN	999
APPN	OPTN	Appian Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	APPN	999
APPS	EQUI	Digital Turbine, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	APPS	999
APPS	OPTN	Digital Turbine, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	APPS	999
APT	EQUI	ALPHA PRO TECH LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	APT	999
APT	OPTN	Alpha Pro Tech Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	APT	999
APTV	EQUI	Aptiv PLC	Yes	Yes	0.00	0.00	1	1.00	No	No	APTV	999
APTV	OPTN	Aptiv PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	APTV	999
1APTV	OPTN	Aptiv PLC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	APTV	999
2APTV	OPTN	Aptiv PLC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	APTV	999
APYX	EQUI	Apyx Medical Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	APYX	999
APYX	OPTN	Apyx Medical Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	APYX	999
AQMS	EQUI	AQUA METALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AQMS	999
AQMS	OPTN	Aqua Metals, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AQMS	999
AQMS1	OPTN	Aqua Metals, Inc. (1:20 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	AQMS	999
AQN	EQUI	ALGONQUIN PWR UTILS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AQN	999
AQN	OPTN	ALGONQUIN POWER & UTILITIES CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	AQN	999
1AQN	OPTN	ALGONQUIN POWER & UTILITIES CORP (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AQN	999
AQST	EQUI	AQUESTIVE THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AQST	999
AQST	OPTN	AQUESTIVE THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	AQST	999
AQWA	EQUI	GLOBAL X FDSCLEAN WTR ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AQWA	999
AQWA	OPTN	GLOBAL X CLEAN WATER ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AQWA	999
AR	EQUI	ANTERO RES CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AR	999
AR	OPTN	Antero Resources Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	AR	999
2AR	OPTN	Antero Resources Corp. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AR	999
ARAY	EQUI	ACCURAY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ARAY	999
ARAY	OPTN	Accuray Incorporated	Yes	Yes	25.00	37.50	100	1.00	No	No	ARAY	999
ARBE	EQUI	Arbe Robotics Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	ARBE	999
ARBE	OPTN	ARBE ROBOTICS LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	ARBE	999
ARBEW	WARR	Arbe Robotics Ltd.(Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	ARBE	999
ARBK	EQUI	ARGO BLOCKCHAIN PLCADS	Yes	Yes	0.00	0.00	1	1.00	No	No	ARBK	999
ARBK	OPTN	ARGO BLOCKCHAIN PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	ARBK	999
ARCB	EQUI	ArcBest Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	ARCB	999
ARCB	OPTN	ArcBest Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	ARCB	999
ARCC	EQUI	ARES CAP CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ARCC	999
ARCC	OPTN	Ares Capital Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	ARCC	999
ARCO	EQUI	ARCOS DORADOS HOLDINGS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ARCO	999
ARCO	OPTN	Arcos Dorados Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ARCO	999
ARCT	EQUI	Arcturus Therapeutics Holdings Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ARCT	999
ARCT	OPTN	Arcturus Therapeutics Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ARCT	999
ARDT	EQUI	ARDENT HEALTH PARTNERS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ARDT	999
ARDT	OPTN	ARDENT HEALTH PARTNERS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ARDT	999
2ARDT	OPTN	ARDENT HEALTH PARTNERS, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ARDT	999
ARDX	EQUI	ARDELYX INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ARDX	999
ARDX	OPTN	Ardelyx, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ARDX	999
ARE	EQUI	ALEXANDRIA REAL ESTATE EQ IN	Yes	Yes	0.00	0.00	1	1.00	No	No	ARE	999
ARE	OPTN	ALEXANDRIA REAL ESTATE EQUITIES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ARE	999
2ARE	OPTN	ALEXANDRIA REAL ESTATE EQUITIES INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ARE	999
AREC	EQUI	AMERICAN RES CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	AREC	999

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AREC	OPTN	AMERICAN RESOURCES CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	AREC	999
AREC1	OPTN	AMERICAN RESOURCES CORP (Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	AREC	999
AREN	EQUI	THE ARENA GROUP HOLDINGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AREN	999
AREN	OPTN	ARENA GROUP HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	AREN	999
ARES	EQUI	Ares Management Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	ARES	999
ARES	OPTN	Ares Management Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	ARES	999
ARGT	EQUI	Global X MSCI Argentina ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ARGT	999
ARGT	OPTN	Global X MSCI Argentina ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ARGT	999
ARGX	EQUI	ARGENX SESPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	ARGX	999
ARGX	OPTN	ARGENX SE ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	ARGX	999
2ARGX	OPTN	ARGENX SE ADR (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ARGX	999
ARHS	EQUI	ARHAUS INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	ARHS	999
ARHS	OPTN	ARHAUS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ARHS	999
ARI	EQUI	APOLLO COML REAL EST FIN INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ARI	999
ARI	OPTN	Apollo Commercial Real Estate Finance	Yes	Yes	25.00	37.50	100	1.00	No	No	ARI	999
1ARI	OPTN	Apollo Commercial Real Estate Finance (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ARI	999
ARIS	EQUI	ARIS WATER SOLUTIONS INCCCLASS A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	ARIS	999
ARIS	OPTN	ARIS WATER SOLUTIONS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ARIS	999
ARKA	EQUI	ARK 21Shares Active Bitcoin Futures Strategy ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ARKA	999
ARKA	OPTN	ARK 21SHARES ACTIVE BITCOIN FUTURES STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ARKA	999
ARKB	EQUI	Ark 21Shares Bitcoin ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ARKB	999
ARKB	OPTN	ARK 21SHARES BITCOIN ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ARKB	999
ARKC	EQUI	ARK 21SHARES ACTIVE ON-CHAIN BITCOIN STRATEGY ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ARKC	999
ARKC	OPTN	ARK 21SHARES ACTIVE ON-CHAIN BITCOIN STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ARKC	999
ARKD	EQUI	ARK 21SHRS BLOCKCHAIN AND DIGITAL ECON	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ARKD	999
ARKD	OPTN	ARK 21SHRS BLOCKCHAIN AND DIGITAL ECON	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ARKD	999
ARKF	EQUI	ARK ETF TRFINTECH INNOVA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ARKF	999
ARKF	OPTN	ARK FINTECH INNOVATION	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ARKF	999
ARKG	EQUI	ARK ETF TRGENOMIC REV ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ARKG	999
ARKG	OPTN	ARK GENOMIC REVOLUTION ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ARKG	999
ARKK	EQUI	ARK INNOVATION ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ARKK	999
SARK	EQUI	Investment Mngrs Series Trust II Tradr 2X Short	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	ARKK	999
ARKK	OPTN	ARK Innovation ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ARKK	999
SARK	OPTN	Investment Mngrs Series Trust II Tradr 2X Short	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	ARKK	999
SARK1	OPTN	Tradr 2X Short Innovation Daily ETF (1:3 R Split)	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	ARKK	999
2ARKK	OPTN	ARK Innovation ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ARKK	999
ARKO	EQUI	ARKO Corp. Common Stock	Yes	Yes	0.00	0.00	1	1.00	No	No	ARKO	999
ARKO	OPTN	ARKO CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	ARKO	999
ARKOW	WARR	ARKO Corp. Common Stock (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	ARKO	999
ARKQ	EQUI	ARK ETF TRAUTNMUS TECHNLOGY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ARKQ	999
ARKQ	OPTN	ARK AUTONOMOUS TECH & ROBOTICS	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ARKQ	999
ARKW	EQUI	ARK Next Generation Internet ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ARKW	999
ARKW	OPTN	ARK Next Generation Internet ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ARKW	999
ARKX	EQUI	ARK SPACE EXPLORATION & INNOVATION ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ARKX	999
ARKX	OPTN	ARK SPACE EXPLORATION & INNOVATION ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ARKX	999
ARKZ	EQUI	ARK 21SHARES ACTIVE ETHEREUM FUTURES STRATEGY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ARKZ	999
ARKZ	OPTN	ARK 21SHARES ACTIVE ETHEREUM FUTURES STRATEGY	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ARKZ	999
ARLO	EQUI	ARLO TECHNOLOGIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ARLO	999
ARLO	OPTN	Arlo Technologies Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ARLO	999
ARLP	EQUI	ALLIANCE RES PARTNER L P	Yes	Yes	0.00	0.00	1	1.00	No	No	ARLP	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
ARLP	OPTN	ALLIANCE RESOURCE PARTNERS	Yes	Yes	25.00	37.50	100	1.00	No	No	ARLP	999
1ARLP	OPTN	ALLIANCE RESOURCE PARTNERS (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ARLP	999
2ARLP	OPTN	ALLIANCE RESOURCE PARTNERS (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ARLP	999
ARM	EQUI	ARM HOLDINGS PLCSPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	ARM	999
ARM	OPTN	ARM HOLDINGS PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	ARM	999
2ARM	OPTN	ARM HOLDINGS PLC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ARM	999
ARMK	EQUI	Aramark	Yes	Yes	0.00	0.00	1	1.00	No	No	ARMK	999
ARMK	OPTN	Aramark	Yes	Yes	25.00	37.50	100	1.00	No	No	ARMK	999
ARMP	EQUI	ARMATA PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ARMP	999
ARMP	OPTN	ARMATA PHARMACEUTICALS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ARMP	999
ARMU	EQUI	ETF OPPORTUNITIES TRUSTT REX 2X LONG AR	Yes	Yes	0.00	0.00	1	2.00	Yes	No	ARMU	999
ARMU	OPTN	T-REX 2X LONG ARM DAILY TARGET ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	ARMU	999
AROC	EQUI	Archrock, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	AROC	999
AROC	OPTN	Archrock, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AROC	999
2AROC	OPTN	Archrock, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AROC	999
AROW	EQUI	ARROW FINL CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AROW	999
AROW	OPTN	Arrow Financial Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	AROW	999
ARQ	EQUI	Arq, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ARQ	999
ARQ	OPTN	Arq, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ARQ	999
ARQQ	EQUI	Arqit Quantum Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ARQQ	999
ARQQ	OPTN	ARQIT QUANTUM INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ARQQ	999
ARQQ1	OPTN	ARQIT QUANTUM INC. (1:25 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	ARQQ	999
ARQQW	WARR	ARQIT QUANTUM INC. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	ARQQ	999
ARQT	EQUI	ARCUTIS BIOTHERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ARQT	999
ARQT	OPTN	ARCUTIS BIOTHERAPEUTICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ARQT	999
1ARQT	OPTN	ARCUTIS BIOTHERAPEUTICS INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ARQT	999
ARR	EQUI	ARMOUR RESIDENTIAL REIT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ARR	999
ARR	OPTN	ARMOUR Residential REIT, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ARR	999
ARR1	OPTN	ARMOUR Residential REIT, Inc. (1:5 Rev Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	ARR	999
ARRY	EQUI	ARRAY TECHNOLOGIES INCCOM SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	ARRY	999
ARRY	OPTN	ARRY TECHNOLOGIES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ARRY	999
ARVN	EQUI	ARVINAS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ARVN	999
ARVN	OPTN	Arvinas,inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ARVN	999
ARVR	EQUI	FIRST TR EXCHANGE TRADED FDINDXX METAVERSE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ARVR	999
ARVR	OPTN	FIRST TRUST INDXX METAVERSE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ARVR	999
ARW	EQUI	ARROW ELECTRS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ARW	999
ARW	OPTN	ARROW ELECTRONICS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ARW	999
ARWR	EQUI	Arrowhead Pharmaceuticals, Inc. Common Stock	Yes	Yes	0.00	0.00	1	1.00	No	No	ARWR	999
ARWR	OPTN	Arrowhead Pharmaceuticals, Inc Common Stock	Yes	Yes	25.00	37.50	100	1.00	No	No	ARWR	999
AS	EQUI	AMER SPORTS INCCOM SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	AS	999
AS	OPTN	AMER SPORTS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	AS	999
ASA	EQUI	ASA Gold and Precious Metals Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	ASA	999
ASA	OPTN	ASA Gold and Precious Metals Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	ASA	999
ASAIY	EQUI	Sendas Distribuidora S.A.	Yes	Yes	0.00	0.00	1	1.00	No	No	ASAI	999
ASAIY	OPTN	Sendas Distribuidora S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	ASAI	999
ASAN	EQUI	ASANA INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	ASAN	999
ASAN	OPTN	Asana, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ASAN	999
ASB	EQUI	ASSOCIATED BANC CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ASB	999
ASB	OPTN	ASSOCIATED BANC CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	ASB	999
ASC	EQUI	ARDMORE SHIPPING CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ASC	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
ASC	OPTN	Ardmore Shipping Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	ASC	999
ASEA	EQUI	GLOBAL X FDSGBL X FTSE ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ASEA	999
ASEA	OPTN	GLOBAL X FTSE SOUTHEAST ASIA ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ASEA	999
ASGN	EQUI	ASGN Incorporated	Yes	Yes	0.00	0.00	1	1.00	No	No	ASGN	999
ASGN	OPTN	ASGN Incorporated	Yes	Yes	25.00	37.50	100	1.00	No	No	ASGN	999
ASH	EQUI	Ashland Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ASH	999
ASH	OPTN	Ashland Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ASH	999
ASHR	EQUI	Xtrackers Harvest CSI 300 China A-Shares ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ASHR	999
CHAU	EQUI	DIREXION SHS ETF TRCSI 300 BULL2X	Yes	Yes	0.00	0.00	1	2.00	Yes	No	ASHR	999
ASHR	OPTN	Xtrackers Harvest CSI 300 China A-Shares ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ASHR	999
CHAU	OPTN	Direxion Daily CSI 300 China A Share Bull 2X Share	Yes	Yes	25.00	37.50	100	2.00	Yes	No	ASHR	999
2ASHR	OPTN	Xtrackers Harvest CSI 300 China A-Shar (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ASHR	999
ASHS	EQUI	Xtrackers Harvest CSI 500 China A-ShrsSmallCap ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ASHS	999
ASHS	OPTN	Xtrackers Harvest CSI 500 China A-ShrsSmallCap ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ASHS	999
ASHX	EQUI	DBX ETF TRXTRACK MSCI CHIN	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ASHX	999
ASIX	EQUI	ADVANSIX INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ASIX	999
ASIX	OPTN	AdvanSix, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ASIX	999
ASLE	EQUI	AERSALE CORPORATIONCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ASLE	999
ASLE	OPTN	AERSALE CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	ASLE	999
ASML	EQUI	ASML HOLDING N VNY REG SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	ASML	999
ASML	OPTN	ASML HOLDING NV	Yes	Yes	25.00	37.50	100	1.00	No	No	ASML	999
2ASML	OPTN	ASML HOLDING NV (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ASML	999
ASND	EQUI	ASCENDIS PHARMA A SPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	ASND	999
ASND	OPTN	ASCENDIS PHARMA AS SPONSORED ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	ASND	999
ASO	EQUI	ACADEMY SPORTS & OUTDOORS INCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ASO	999
ASO	OPTN	ACADEMY SPORTS & OUTDOOR INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ASO	999
ASPI	EQUI	ASP ISOTOPES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ASPI	999
ASPI	OPTN	ASP ISOTOPES INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ASPI	999
ASPN	EQUI	ASPEN AEROGELS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ASPN	999
ASPN	OPTN	ASPEN AEROGELS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ASPN	999
ASR	EQUI	GRUPO AEROPORTUARIO DEL SURESPON ADR SER B	Yes	Yes	0.00	0.00	1	1.00	No	No	ASR	999
ASR	OPTN	Grupo Aeroportuario del Sureste SAB de CV	Yes	Yes	25.00	37.50	100	1.00	No	No	ASR	999
ASRT	EQUI	Assertio Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ASRT	999
ASRT	OPTN	Assertio Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ASRT	999
ASRV	EQUI	AMERISERV FINL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ASRV	999
ASRV	OPTN	AmeriServ Financial, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ASRV	999
ASTE	EQUI	ASTEC INDS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ASTE	999
ASTE	OPTN	ASTEC INDUSTRIES, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ASTE	999
ASTH	EQUI	Astrana Health Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ASTH	999
ASTH	OPTN	Astrana Health Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ASTH	999
ASTL	EQUI	Algoma Steel Group Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ASTL	999
ASTL	OPTN	ALGOMA STEEL GROUP INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ASTL	999
ASTLW	WARR	ALGOMA STEEL GROUP INC. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	ASTL	999
ASTS	EQUI	AST SpaceMobile, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	ASTS	999
ASTS	OPTN	AST SpaceMobile, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ASTS	999
2ASTS	OPTN	AST SpaceMobile, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ASTS	999
ASUR	EQUI	ASURE SOFTWARE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ASUR	999
ASUR	OPTN	Asure Software Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ASUR	999
ASX	EQUI	ASE TECHNOLOGY HLDG CO LTDSPPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	ASX	999
ASX	OPTN	ASE TECHNOLOGY HOLDING CO., LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	ASX	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
ASYS	EQUI	AMTECH SYS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ASYS	999
ASYS	OPTN	Amtech Systems, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ASYS	999
ATAI	EQUI	ATAI LIFE SCIENCES NVSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	ATAI	999
ATAI	OPTN	ATAI LIFE SCIENCES N.V.	Yes	Yes	25.00	37.50	100	1.00	No	No	ATAI	999
ATAT	EQUI	ATOURE LIFESTYLE HLDGS LTDSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	ATAT	999
ATAT	OPTN	ATOURE LIFESTYLE HOLDINGS LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	ATAT	999
A TEC	EQUI	Alphatec Holdings Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	A TEC	999
A TEC	OPTN	ALPHATEC HOLDINGS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	A TEC	999
ATEN	EQUI	A10 NETWORKS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ATEN	999
ATEN	OPTN	A10 Networks, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ATEN	999
ATER	EQUI	Aterian, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ATER	999
ATER	OPTN	Aterian, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ATER	999
ATEX	EQUI	Anterix Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ATEX	999
ATEX	OPTN	Anterix Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ATEX	999
ATGE	EQUI	Adtalem Global Education Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ATGE	999
ATGE	OPTN	Adtalem Global Education Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ATGE	999
ATHA	EQUI	ATHIRA PHARMA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ATHA	999
ATHA	OPTN	ATHIRA PHARMA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ATHA	999
ATHM	EQUI	AUTOHOME INCSP ADR RP CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	ATHM	999
ATHM	OPTN	Autohome Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ATHM	999
ATI	EQUI	ATI Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ATI	999
ATI	OPTN	ATI Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ATI	999
ATIP	EQUI	ATI Physical Therapy, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	ATIP	999
ATIPW	WARR	ATI Physical Therapy, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	ATIP	999
ATKR	EQUI	Atkore Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ATKR	999
ATKR	OPTN	Atkore Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ATKR	999
ATLO	EQUI	AMES NATL CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ATLO	999
ATLO	OPTN	AMES NATIONAL CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	ATLO	999
ATLX	EQUI	ATLAS LITHIUM CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	ATLX	999
ATLX	OPTN	ATLAS LITHIUM CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	ATLX	999
ATMP	EQUI	BARCLAYS BK PLCETN+ SEL MLP	Yes	No	0.00		1	1.00	No	Yes	ATMP	999
ATMP	OPTN	BARCLAYS ETN & SELECT MLP ETN	Yes	No	25.00		100	1.00	No	Yes	ATMP	999
ATMU	EQUI	ATMUS FILTRATION TECHNOLOGIECOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ATMU	999
ATMU	OPTN	ATMUS FILTRATION TECHNOLOGIE	Yes	Yes	25.00	37.50	100	1.00	No	No	ATMU	999
ATNF	EQUI	180 LIFE SCIENCES CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ATNF	999
ATNFW	WARR	180 LIFE SCIENCES CORP. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	ATNF	999
ATNI	EQUI	ATN International, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ATNI	999
ATNI	OPTN	ATN International, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ATNI	999
ATNM	EQUI	ACTINIUM PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ATNM	999
ATNM	OPTN	Actinium Pharmaceuticals, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ATNM	999
ATO	EQUI	ATMOS ENERGY CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	ATO	999
ATO	OPTN	Atmos Energy Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	ATO	999
ATOM	EQUI	ATOMERA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ATOM	999
ATOM	OPTN	ATOMERA INCORPORATED	Yes	Yes	25.00	37.50	100	1.00	No	No	ATOM	999
ATOS	EQUI	Atossa Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ATOS	999
ATOS	OPTN	Atossa Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ATOS	999
ATR	EQUI	APTARGROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ATR	999
ATR	OPTN	AptarGroup Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ATR	999
2ATR	OPTN	AptarGroup Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ATR	999
ATRC	EQUI	ATRICURE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ATRC	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
ATRC	OPTN	AtriCure Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ATRC	999
ATRO	EQUI	ASTRONICS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ATRO	999
ATRO	OPTN	ASTRONICS CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	ATRO	999
ATS	EQUI	ATS CORPORATION	Yes	Yes	0.00	0.00	1	1.00	No	No	ATS	999
ATS	OPTN	ATS CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	ATS	999
ATSG	EQUI	AIR TRANSPORT SERVICES GRP ICOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ATSG	999
ATSG	OPTN	Air Transport Services Group Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ATSG	999
ATUS	EQUI	ALTICE USA INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	ATUS	999
ATUS	OPTN	Altice USA, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ATUS	999
ATXS	EQUI	Astria Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ATXS	999
ATXS	OPTN	Astria Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ATXS	999
ATYR	EQUI	ATYR PHARMA INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	ATYR	999
ATYR	OPTN	aTyr Pharma, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ATYR	999
AU	EQUI	AngloGold Ashanti plc	Yes	Yes	0.00	0.00	1	1.00	No	No	AU	999
AU	OPTN	AngloGold Ashanti plc	Yes	Yes	25.00	37.50	100	1.00	No	No	AU	999
2AU	OPTN	AngloGold Ashanti plc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AU	999
AUB	EQUI	Atlantic Union Bankshares Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	AUB	999
AUB	OPTN	Atlantic Union Bankshares Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	AUB	999
AUB1	OPTN	Sandy Spring Bancorp, Inc. (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	AUB	999
SASR	OPTN	Sandy Spring Bancorp, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AUB	999
AUDC	EQUI	AUDIOCODES LTDORD	Yes	Yes	0.00	0.00	1	1.00	No	No	AUDC	999
AUDC	OPTN	AUDIOCODES LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	AUDC	999
AUPH	EQUI	AURINIA PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AUPH	999
AUPH	OPTN	Aurinia Pharmaceuticals, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AUPH	999
AUR	EQUI	Aurora Innovation, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	AUR	999
AUR	OPTN	Aurora Innovation, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AUR	999
AUROW	WARR	Aurora Innovation, Inc. Class A (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	AUR	999
AURA	EQUI	AURA BIOSCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AURA	999
AURA	OPTN	AURA BIOSCIENCES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	AURA	999
AUTL	EQUI	AUTOLUS THERAPEUTICS PLCSPON ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	AUTL	999
AUTL	OPTN	AUTOLUS THERAPEUTICS PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	AUTL	999
AVA	EQUI	AVISTA CORPORATION	Yes	Yes	0.00	0.00	1	1.00	No	No	AVA	999
AVA	OPTN	AVISTA CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	AVA	999
AVAH	EQUI	AVEANNA HEALTHCARE HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AVAH	999
AVAH	OPTN	AVEANNA HEALTHCARE HOLDINGS	Yes	Yes	25.00	37.50	100	1.00	No	No	AVAH	999
AVAV	EQUI	AEROVIRONMENT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AVAV	999
AVAV	OPTN	Aerovironment Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	AVAV	999
AVB	EQUI	AVALONBAY COMMUNTIES	Yes	Yes	0.00	0.00	1	1.00	No	No	AVB	999
AVB	OPTN	AVALONBAY COMMUNITIES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	AVB	999
2AVB	OPTN	AVALONBAY COMMUNITIES INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AVB	999
AVD	EQUI	AMERICAN VANGUARD CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AVD	999
AVD	OPTN	American Vanguard Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	AVD	999
AVDE	EQUI	AMERICAN CENTY ETF TRINTL EQT ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AVDE	999
AVDE	OPTN	AVANTIS INTERNATIONAL EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AVDE	999
AVDL	EQUI	Avadel Pharmaceuticals PLC	Yes	Yes	0.00	0.00	1	1.00	No	No	AVDL	999
AVDL	OPTN	Avadel Pharmaceuticals plc	Yes	Yes	25.00	37.50	100	1.00	No	No	AVDL	999
AVDV	EQUI	AMERICAN CENTY ETF TRINTL SMCP VLU	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AVDV	999
AVDV	OPTN	AVANTIS INTERNATIONAL SMALL CAP VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AVDV	999
AVDX	EQUI	AVIDXCHANGE HOLDINGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AVDX	999
AVDX	OPTN	AVIDXCHANGE HOLDINGS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	AVDX	999



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AVEM	EQUI	AMERICAN CENTY ETF TRAVANTIS EMGMKT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AVEM	999
AVEM	OPTN	AVANTIS EMERGING MARKETS EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AVEM	999
AVGE	EQUI	AMERICAN CENTY ETF TRAVANTIS ALL EQT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AVGE	999
AVGE	OPTN	AVANTIS ALL EQUITY MARKETS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AVGE	999
AVGO	EQUI	Broadcom Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	AVGO	999
AVGO	OPTN	Broadcom Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AVGO	999
2AVGO	OPTN	Broadcom Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AVGO	999
AVGV	EQUI	AMERICAN CENTY ETF TRAVANTIS ALL EQT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AVGV	999
AVGV	OPTN	AVANTIS ALL EQUITY MARKETS VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AVGV	999
AVGX	EQUI	TIDAL TR IIDEF DLY TGT AVGO	Yes	Yes	0.00	0.00	1	2.00	Yes	No	AVGX	999
AVGX	OPTN	DEFIANCE DAILY TARGET 2X LONG AVGO ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	AVGX	999
AVIE	EQUI	AMERICAN CENTY ETF TRAVANTIS INFLATIN	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AVIE	999
AVIE	OPTN	AVANTIS INFLATION FOCUSED EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AVIE	999
AVIR	EQUI	ATEA PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AVIR	999
AVIR	OPTN	ATE PHARMACEUTICAL INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	AVIR	999
AVLC	EQUI	AMERICAN CENTY ETF TRAVANTIS US LARG	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AVLC	999
AVLC	OPTN	AVANTIS U.S. LARGE CAP EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AVLC	999
AVLV	EQUI	AMERICAN CENTY ETF TRUS LARGE CAP VLU	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AVLV	999
AVLV	OPTN	AVANTIS U.S. LARGE CAP VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AVLV	999
AVMA	EQUI	AMERICAN CENTY ETF TRAVANTIS MODERAT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AVMA	999
AVMA	OPTN	AVANTIS MODERATE ALLOCATION ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AVMA	999
AVMC	EQUI	AMERICAN CENTY ETF TRAVANTIS US MID C	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AVMC	999
AVMC	OPTN	AVANTIS U.S. MID CAP EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AVMC	999
AVMU	EQUI	AMERICAN CENTY ETF TRCORE MUNI FXD IN	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AVMU	999
AVMU	OPTN	AVANTIS CORE MUNICIPAL FIXED INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AVMU	999
AVMV	EQUI	AMERICAN CENTY ETF TRAVANTIS US MID C	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AVMV	999
AVMV	OPTN	AVANTIS U.S. MID CAP VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AVMV	999
AVNM	EQUI	AMERICAN CENTY ETF TRAVANTIS ALL INT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AVNM	999
AVNM	OPTN	AVANTIS ALL INTERNATIONAL MARKETS EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AVNM	999
AVNS	EQUI	Avanos Medical, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	AVNS	999
AVNS	OPTN	Avanos Medical, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AVNS	999
AVNT	EQUI	Avient Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	AVNT	999
AVNT	OPTN	Avient Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	AVNT	999
AVNV	EQUI	AMERICAN CENTY ETF TRAVANTIS ALL INT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AVNV	999
AVNV	OPTN	AVANTIS ALL INTERNATIONAL MARKETS VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AVNV	999
AVNW	EQUI	AVIAT NETWORKS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	AVNW	999
AVNW	OPTN	AVIAT NETWORKS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	AVNW	999
AVO	EQUI	MISSION PRODUCE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AVO	999
AVO	OPTN	MISSION PRODUCE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	AVO	999
AVPT	EQUI	AvePoint, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	AVPT	999
AVPT	OPTN	AvePoint, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AVPT	999
AVPTW	WARR	AvePoint, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	AVPT	999
AVRE	EQUI	AMERICAN CENTY ETF TRREAL ESTATE ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AVRE	999
AVRE	OPTN	AVANTIS REAL ESTATE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AVRE	999
AVSC	EQUI	AMERICAN CENTY ETF TRAVANTIS US SMALL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AVSC	999
AVSC	OPTN	AVANTIS U.S SMALL CAP EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AVSC	999
AVSU	EQUI	AMERICAN CENTY ETF TRAVANTIS RESPON U	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AVSU	999
AVSU	OPTN	AVANTIS RESPONSIBLE U.S. EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AVSU	999
AVT	EQUI	AVNET INC	Yes	Yes	0.00	0.00	1	1.00	No	No	AVT	999
AVT	OPTN	AVNET INC	Yes	Yes	25.00	37.50	100	1.00	No	No	AVT	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
AVTE	EQUI	AEROVATE THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AVTE	999
AVTE	OPTN	AEROVATE THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	AVTE	999
AVTR	EQUI	AVANTOR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AVTR	999
AVTR	OPTN	AVANTOR INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	AVTR	999
AVUS	EQUI	AMERICAN CENTY ETF TRUS EQT ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AVUS	999
AVUS	OPTN	AVANTIS U.S. EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AVUS	999
AVUV	EQUI	AMERICAN CENTY ETF TRUS SML CP VALU	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AVUV	999
AVUV	OPTN	AVANTIS U.S. SMALL CAP VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AVUV	999
AVXL	EQUI	ANAVEX LIFE SCIENCES CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	AVXL	999
AVXL	OPTN	Anavex Life Sciences Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	AVXL	999
AVY	EQUI	AVERY DENNISON CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	AVY	999
AVY	OPTN	AVERY DENNISON CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	AVY	999
AWAY	EQUI	Amplify Travel Tech ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	AWAY	999
AWAY	OPTN	Amplify Travel Tech ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	AWAY	999
AWI	EQUI	ARMSTRONG WORLD INDS INC NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AWI	999
AWI	OPTN	Armstrong World Industries, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AWI	999
AWK	EQUI	AMERICAN WTR WKS CO INC NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AWK	999
AWK	OPTN	American Water Works Co., Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AWK	999
2AWK	OPTN	American Water Works Co., Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AWK	999
AWR	EQUI	AMERICAN STS WTR CO	Yes	Yes	0.00	0.00	1	1.00	No	No	AWR	999
AWR	OPTN	American States Water Company	Yes	Yes	25.00	37.50	100	1.00	No	No	AWR	999
AWRE	EQUI	AWARE INC MASSCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AWRE	999
AWRE	OPTN	Aware Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	AWRE	999
AX	EQUI	Axos Financial, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	AX	999
AX	OPTN	Axos Financial, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AX	999
AXDX	EQUI	Accelerate Diagnostics Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	AXDX	999
AXDX	OPTN	ACCELERATE DIAGNOSTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	AXDX	999
AXGN	EQUI	Axogen, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	AXGN	999
AXGN	OPTN	Axogen, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AXGN	999
AXL	EQUI	AMERICAN AXLE & MFG HLDGS IN	Yes	Yes	0.00	0.00	1	1.00	No	No	AXL	999
AXL	OPTN	AMERICAN AXLE & MFG. HLDNGS	Yes	Yes	25.00	37.50	100	1.00	No	No	AXL	999
AXLA1	OPTN	AXCELLA HEALTH, INC. (1:25 Rev Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	AXLA	999
AXON	EQUI	Axon Enterprise, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	AXON	999
AXON	OPTN	Axon Enterprise, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AXON	999
2AXON	OPTN	Axon Enterprise, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AXON	999
AXP	EQUI	AMERICAN EXPRESS CO	Yes	Yes	0.00	0.00	1	1.00	No	No	AXP	999
AXP	OPTN	AMERICAN EXPRESS	Yes	Yes	25.00	37.50	100	1.00	No	No	AXP	999
2AXP	OPTN	AMERICAN EXPRESS (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AXP	999
AXS	EQUI	AXIS CAPITAL HOLDINGSSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	AXS	999
AXS	OPTN	AXIS CAPITAL HOLDINGS LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	AXS	999
AXSM	EQUI	AXSOME THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AXSM	999
AXSM	OPTN	Axsome Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AXSM	999
AXTA	EQUI	AXALTA COATING SYS LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AXTA	999
AXTA	OPTN	Axalta Coating Systems Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	AXTA	999
AXTI	EQUI	AXT INC	Yes	Yes	0.00	0.00	1	1.00	No	No	AXTI	999
AXTI	OPTN	AXT Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	AXTI	999
AYI	EQUI	Acuity Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	AYI	999
AYI	OPTN	Acuity Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AYI	999
AZ	EQUI	A2Z CUST2MATE SOLUTIONS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	AZ	999
AZ	OPTN	A2Z CUST2MATE SOLUTIONS CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	AZ	999

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Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
AZEK	EQUI	AZEK CO INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	AZEK	999
AZEK	OPTN	AZEK COMPANY INC	Yes	Yes	25.00	37.50	100	1.00	No	No	AZEK	999
2AZEK	OPTN	AZEK COMPANY INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AZEK	999
AZN	EQUI	ASTRAZENECA PLC ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	AZN	999
AZN	OPTN	ASTRAZENECA PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	AZN	999
2AZN	OPTN	ASTRAZENECA PLC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	AZN	999
AZO	EQUI	AUTOZONE INC	Yes	Yes	0.00	0.00	1	1.00	No	No	AZO	999
AZO	OPTN	AUTOZONE INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	AZO	999
AZPN	OPTN	Aspen Technology, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AZPN	999
AZTA	EQUI	Azenta, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	AZTA	999
AZTA	OPTN	Azenta, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AZTA	999
AZUL	EQUI	AZUL S ASPONSR ADR PFD	Yes	Yes	0.00	0.00	1	1.00	No	No	AZUL	999
AZUL	OPTN	Azul S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	AZUL	999
AZZ	EQUI	AZZ Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	AZZ	999
AZZ	OPTN	AZZ Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	AZZ	999
BA	EQUI	BOEING CO	Yes	Yes	0.00	0.00	1	1.00	No	No	BA	999
BA	OPTN	BOEING CO	Yes	Yes	25.00	37.50	100	1.00	No	No	BA	999
1BA	OPTN	BOEING CO (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BA	999
2BA	OPTN	BOEING CO (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BA	999
BABA	EQUI	ALIBABA GROUP HLDG LTDSPPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	BABA	999
BABA	OPTN	Alibaba Group Holding Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	BABA	999
BABA1	OPTN	Alibaba Group Holding Ltd (Cash Distribution)	Yes	Yes	25.00	37.50	100	1.00	No	No	BABA	999
1BABA	OPTN	Alibaba Group Holding Ltd (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BABA	999
2BABA	OPTN	Alibaba Group Holding Ltd (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BABA	999
BABO	EQUI	TIDAL TR IYIELDMAX BABA OP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BABO	999
BABO	OPTN	YIELDMAX BABA OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BABO	999
BABX	EQUI	GraniteShares ETF Trust 2x Long BABA Daily ETF	Yes	Yes	0.00	0.00	1	2.00	Yes	No	BABX	999
BABX	OPTN	GraniteShares ETF Trust 2x Long BABA Daily ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	BABX	999
BAC	EQUI	BANK OF AMERICA CORPORATION	Yes	Yes	0.00	0.00	1	1.00	No	No	BAC	999
BAC	OPTN	BANK OF AMERICA CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	BAC	999
1BAC	OPTN	BANK OF AMERICA CORP. (Amer Flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	BAC	999
2BAC	OPTN	BANK OF AMERICA CORP. (Euro Flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	BAC	999
BAH	EQUI	BOOZ ALLEN HAMILTON HLDG CORCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	BAH	999
BAH	OPTN	Booze Allen Hamilton	Yes	Yes	25.00	37.50	100	1.00	No	No	BAH	999
BAI	EQUI	BLACKROCK ETF TRUSTISHARES A I INNO	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BAI	999
BAI	OPTN	ISHARES A.I. INNOVATION AND TECH ACTIVE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BAI	999
BALI	EQUI	ISHARES ADVANTAGE LARGE CAP INCOME ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BALI	999
BALI	OPTN	ISHARES ADVANTAGE LARGE CAP INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BALI	999
BALL	EQUI	BALL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	BALL	999
BALL	OPTN	Ball Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	BALL	999
2BALL	OPTN	Ball Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BALL	999
BALT	EQUI	INNOVATOR DEFINED WEALTH SHIELD ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BALT	999
BALT	OPTN	INNOVATOR DEFINED WEALTH SHIELD ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BALT	999
BAM	EQUI	BROOKFIELD ASSET MANAGMT LTDCL A LMT VTG SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	BAM	999
BAM	OPTN	BROOKFIELD ASSET MANAGEMENT LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	BAM	999
BAMD	EQUI	Brookstone Dividend Stock ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BAMD	999
BANC	EQUI	Banc of California Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	BANC	999
BANC	OPTN	Banc of California, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BANC	999
BANC1	OPTN	PacWest Bancorp (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	BANC	999
BAND	EQUI	BANDWIDTH INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	BAND	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
BAND	OPTN	BANDWIDTH, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	BAND	999
BANF	EQUI	BANCFIRST CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BANF	999
BANF	OPTN	BANCFIRST CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	BANF	999
BANR	EQUI	BANNER CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BANR	999
BANR	OPTN	Banner Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	BANR	999
BANX	EQUI	ArrowMark Financial Corp.	Yes	Yes	0.00	0.00	1	1.00	No	No	BANX	999
BANX	OPTN	ArrowMark Financial Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	BANX	999
BAP	EQUI	CREDICORP LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	BAP	999
BAP	OPTN	Credicorp Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	BAP	999
BAP1	OPTN	Credicorp Limited (Cash Distribution)	Yes	Yes	25.00	37.50	100	1.00	No	No	BAP	999
BARK	EQUI	BARK, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BARK	999
BARK	OPTN	BARK, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BARK	999
BARKWS	WARR	The Original BARK Company (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	BARK	999
BASE	EQUI	COUCHBASE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BASE	999
BASE	OPTN	COUCHBASE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BASE	999
BATRA	EQUI	Atlanta Braves Holdings, Inc. Series A	Yes	Yes	0.00	0.00	1	1.00	No	No	BATRA	999
BATRA	OPTN	Atlanta Braves Holdings, Inc. Series A	Yes	Yes	25.00	37.50	100	1.00	No	No	BATRA	999
BATRK	EQUI	Atlanta Braves Holdings, Inc. Series C	Yes	Yes	0.00	0.00	1	1.00	No	No	BATRK	999
BATRK	OPTN	Atlanta Braves Holdings, Inc. Series C	Yes	Yes	25.00	37.50	100	1.00	No	No	BATRK	999
BATT	EQUI	AMPLIFY ETF TRAMPLIFY LITHIUM	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BATT	999
BATT	OPTN	AMPLIFY LITHIUM & BATTERY TECHNOLOGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BATT	999
BAX	EQUI	BAXTER INTL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BAX	999
BAX	OPTN	BAXTER INTERNATIONAL INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BAX	999
2BAX	OPTN	BAXTER INTERNATIONAL INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BAX	999
BB	EQUI	BlackBerry Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	BB	999
BB	OPTN	BlackBerry Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	BB	999
BBAI	EQUI	BigBear.ai Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BBAI	999
BBAI	OPTN	BigBear.ai Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BBAI	999
BBAIWS	WARR	BigBear.ai Holdings, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	BBAI	999
BBAR	EQUI	Banco BBVA Argentina S.A.	Yes	Yes	0.00	0.00	1	1.00	No	No	BBAR	999
BBAR	OPTN	Banco BBVA Argentina S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	BBAR	999
BBAX	EQUI	JPMorgan BetaBuilders Dev Asia Pacific-ex JapanETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BBAX	999
BBAX	OPTN	JPMorgan BetaBuilders Dev Asia Pacific-ex JapanETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BBAX	999
BBBI	EQUI	BONDBLOXX ETF TRUSTBBB RATED 5 10 Y	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BBBI	999
BBBL	EQUI	BONDBLOXX ETF TRUSTBBB RATED 10 YE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BBBL	999
BBBS	EQUI	BONDBLOXX ETF TRUSTBBB RATED 1 5 YE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BBBS	999
BBC	EQUI	ETFIS SER TR IBIOSHS BIO CLI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BBC	999
BBC	OPTN	VIRTUS LIFESCI BIOTECH CLINICAL TRIALS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BBC	999
BBCA	EQUI	JP MORGAN BETA BUILDER CANADA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BBCA	999
BBCA	OPTN	JP MORGAN BETA BUILDER CANADA	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BBCA	999
BBCP	EQUI	CONCRETE PUMPING HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BBCP	999
BBCP	OPTN	CONCRETE PUMPING HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BBCP	999
BBD	EQUI	BANCO BRADESCO S ASP ADR PFD NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	BBD	999
BBD	OPTN	Banco Bradesco - ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	BBD	999
BBDC	EQUI	Barings BDC, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BBDC	999
BBDC	OPTN	Barings BDC, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BBDC	999
BBH	EQUI	VanEck Biotech ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BBH	999
BBH	OPTN	VanEck Biotech ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BBH	999
BBIO	EQUI	BRIDGEBIO PHARMA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BBIO	999
BBIO	OPTN	BRIDGEBIO PHARMA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BBIO	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
1BBIO	OPTN	BRIDGEBIO PHARMA, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BBIO	999
2BBIO	OPTN	BRIDGEBIO PHARMA, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BBIO	999
BBMC	EQUI	J P MORGAN EXCHANGE TRADED FBETABUILDERS US	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BBMC	999
BBMC	OPTN	JPMORGAN BETABUILDERS U.S. MID CAP EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BBMC	999
BBP	EQUI	ETFIS SER TR IBIOSHS BIOTE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BBP	999
BBP	OPTN	VIRTUS LIFESCI BIOTECH PRODUCTS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BBP	999
BBRE	EQUI	JPMorgan Beta Builders MSCI U.S. Reti ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BBRE	999
BBSI	EQUI	BARRETT BUSINESS SERVICES IN	Yes	Yes	0.00	0.00	1	1.00	No	No	BBSI	999
BBSI	OPTN	Barrett Business Services Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BBSI	999
BBU	EQUI	Brookfield Business Partners L.P.	Yes	Yes	0.00	0.00	1	1.00	No	No	BBU	999
BBU	OPTN	BROOKFIELD BUSINESS PARTNERS LP	Yes	Yes	25.00	37.50	100	1.00	No	No	BBU	999
BBUC	EQUI	BROOKFIELD BUSINESS CORPCL A EXC SUB VTG	Yes	Yes	0.00	0.00	1	1.00	No	No	BBUC	999
BBUC	OPTN	BROOKFIELD BUSINESS CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	BBUC	999
BBUS	EQUI	JPMorgan BetaBuilders U.S. Equity ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BBUS	999
BBUS	OPTN	JP MORGAN BETABUILDERS U.S. EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BBUS	999
BBVA	EQUI	BANCO BILBAO VIZCAYA ARGENTINA	Yes	Yes	0.00	0.00	1	1.00	No	No	BBVA	999
BBVA	OPTN	BANCO BILBAO VIZCAYA	Yes	Yes	25.00	37.50	100	1.00	No	No	BBVA	999
BBW	EQUI	BUILD A BEAR WORKSHOPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BBW	999
BBW	OPTN	Build-A-Bear Workshop, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	BBW	999
BBWI	EQUI	Bath & Body Works, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BBWI	999
BBWI	OPTN	Bath & Body Works, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BBWI	999
BBY	EQUI	BEST BUY INC	Yes	Yes	0.00	0.00	1	1.00	No	No	BBY	999
BBY	OPTN	BEST BUY CO. INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BBY	999
2BBY	OPTN	BEST BUY CO. INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BBY	999
BC	EQUI	BRUNSWICK CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	BC	999
BC	OPTN	BRUNSWICK CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	BC	999
BCAB	EQUI	BIOATLA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BCAB	999
BCAB	OPTN	BIOATLA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BCAB	999
BCAX	EQUI	BICARA THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BCAX	999
BCAX	OPTN	BICARA THERAPEUTICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	BCAX	999
BCBP	EQUI	BCB BANCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BCBP	999
BCBP	OPTN	BCB Bancorp Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BCBP	999
BCC	EQUI	BOISE CASCADE CO DELCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BCC	999
BCC	OPTN	Boise Cascade Co.	Yes	Yes	25.00	37.50	100	1.00	No	No	BCC	999
BCD	EQUI	ABRDN ETFSBBRG ALL COMMDY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BCD	999
BCD	OPTN	ABRDN ETFS BBRG ALL COMMDY	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BCD	999
BCE	EQUI	BCE INC	Yes	Yes	0.00	0.00	1	1.00	No	No	BCE	999
BCE	OPTN	BCE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	BCE	999
BCH	EQUI	BANCO DE CHILE	Yes	Yes	0.00	0.00	1	1.00	No	No	BCH	999
BCH	OPTN	BANCO DE CHILE	Yes	Yes	25.00	37.50	100	1.00	No	No	BCH	999
BCI	EQUI	abrdn Bloomberg All Commodity Strategy K-1 FreeETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BCI	999
BCI	OPTN	abrdn Bloomberg All Commodity Strategy K-1 FreeETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BCI	999
BCIM	EQUI	ABRDN ETFSBBG INDUSTRL MET	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BCIM	999
BCIM	OPTN	ABRDN BLOOMBERG INDUSTRIAL METALS STRATEGY K-1	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BCIM	999
BCLI	EQUI	BRAINSTORM CELL THERAPEUTICSCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	BCLI	999
BCLI1	OPTN	Brainstorm Cell Therapeutics Inc (1:15 Rev Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	BCLI	999
BCML	EQUI	BAYCOM CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BCML	999
BCML	OPTN	BAYCOM CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	BCML	999
BCO	EQUI	BRINKS COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BCO	999
BCO	OPTN	BRINK'S COMPANY THE	Yes	Yes	25.00	37.50	100	1.00	No	No	BCO	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
BCPC	EQUI	BALCHEM CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	BCPC	999
BCPC	OPTN	Balchem Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	BCPC	999
2BCPC	OPTN	Balchem Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BCPC	999
BCRX	EQUI	BIOCRYST PHARMACEUTICALSCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BCRX	999
BCRX	OPTN	BIOCRYST PHARMACEUTICAS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	BCRX	999
BCS	EQUI	BARCLAYS PLCADR	Yes	Yes	0.00	0.00	1	1.00	No	No	BCS	999
BCS	OPTN	Barclays PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	BCS	999
BCSF	EQUI	BAIN CAPITAL SPECIALTY FINANCE, INC.	Yes	Yes	0.00	0.00	1	1.00	No	No	BCSF	999
BCSF	OPTN	BAIN CAPITAL SPECIALTY FINANCE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BCSF	999
BCTX	EQUI	BRIACELL THERAPEUTICS CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	BCTX	999
BCTX1	OPTN	BRIACELL THERAPEUTICS CORP (Dist)	Yes	Yes	25.00	37.50	100	1.00	No	No	BCTX	999
BCTX2	OPTN	BRIACELL THERAPEUTICS CORP (1:15 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	BCTX	999
BCTXW	WARR	BRIACELL THERAPEUTICS CORPCOM NEW (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	BCTX	999
BCYC	EQUI	BICYCLE THERAPEUTICS PLCSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	BCYC	999
BCYC	OPTN	BICYCLE THERAPEUTICS PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	BCYC	999
BDC	EQUI	BELDEN INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BDC	999
BDC	OPTN	Belden Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	BDC	999
BDCX	EQUI	UBS AG LONDON BRANCHETRACS QUARTERLY	Yes	No	0.00		1	1.50	No	Yes	BDCX	999
BDDX	EQUI	DEUTSCHE BK AG LONDON BRHDB BASE MET DBLE	Yes	No	0.00		1	2.00	No	Yes	BDDX	999
BDN	EQUI	BRANDYWINE RLTY TR	Yes	Yes	0.00	0.00	1	1.00	No	No	BDN	999
BDN	OPTN	Brandywine Realty Trust	Yes	Yes	25.00	37.50	100	1.00	No	No	BDN	999
BDRY	EQUI	Breakwave Dry Bulk Shipping ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BDRY	999
BDRY	OPTN	BREAKWAVE DRY BULK SHIPPING ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BDRY	999
BDSX	EQUI	BIODESIX INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BDSX	999
BDSX	OPTN	BIODESIX, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BDSX	999
BDTX	EQUI	BLACK DIAMOND THERAPEUTICS ICOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BDTX	999
BDTX	OPTN	Black Diamond Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BDTX	999
BDX	EQUI	BECTON DICKINSON & CO	Yes	Yes	0.00	0.00	1	1.00	No	No	BDX	999
BDX	OPTN	BECTON, DICKINSON AND CO	Yes	Yes	25.00	37.50	100	1.00	No	No	BDX	999
2BDX	OPTN	BECTON, DICKINSON AND CO (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BDX	999
BE	EQUI	BLOOM ENERGY CORPCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	BE	999
BE	OPTN	Bloom Energy Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	BE	999
2BE	OPTN	Bloom Energy Corp (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BE	999
BEAM	EQUI	BEAM THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BEAM	999
BEAM	OPTN	BEAM THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BEAM	999
1BEAM	OPTN	BEAM THERAPEUTICS, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BEAM	999
BECN	EQUI	BEACON ROOFING SUPPLY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BECN	999
BECN	OPTN	BEACON ROOFING SUPPLY, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	BECN	999
BEDZ	EQUI	ADVISORSHARES TRHOTEL ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BEDZ	999
BEDZ	OPTN	ADVISORSHARES HOTEL ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BEDZ	999
BEEM	EQUI	BEAM GLOBALCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BEEM	999
BEEM	OPTN	BEAM GLOBAL	Yes	Yes	25.00	37.50	100	1.00	No	No	BEEM	999
BEEMW	WARR	BEAM GLOBALCOM (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	BEEM	999
BEKE	EQUI	KE HLDGS INCSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	BEKE	999
BEKE	OPTN	KE Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BEKE	999
BELFB	EQUI	Bel Fuse Inc. Class B	Yes	Yes	0.00	0.00	1	1.00	No	No	BELFB	999
BELFB	OPTN	Bel Fuse Inc. Class B	Yes	Yes	25.00	37.50	100	1.00	No	No	BELFB	999
BEN	EQUI	FRANKLIN RES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	BEN	999
BEN	OPTN	FRANKLIN RESOURCES INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BEN	999
2BEN	OPTN	FRANKLIN RESOURCES INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BEN	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
BEP	EQUI	BROOKFIELD RENEWABLE PARTNERS LP	Yes	Yes	0.00	0.00	1	1.00	No	No	BEP	999
BEP	OPTN	BROOKFIELD RENEWABLE PARTNERS LP	Yes	Yes	25.00	37.50	100	1.00	No	No	BEP	999
BEPC	EQUI	BROOKFIELD RENEWABLE CORPCL A SUB VTG	Yes	Yes	0.00	0.00	1	1.00	No	No	BEPC	999
BEPC	OPTN	BROOKFIELD RENEWABLE CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	BEPC	999
BERY	EQUI	Berry Global Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BERY	999
BERY	OPTN	Berry Global Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BERY	999
BERY1	OPTN	Berry Global Group, Inc. (Distribution)	Yes	Yes	25.00	37.50	100	1.00	No	No	BERY	999
BEST	OPTN	BEST Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BEST	999
BETZ	EQUI	LISTED FD TRROUNDHILL SPORTS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BETZ	999
BETZ	OPTN	ROUNDHILL SPORTS BETTING & IGAMING ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BETZ	999
BFA	EQUI	BROWN FORMAN CORPCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	BFA	999
BFA	OPTN	Brown Forman Corporation Class A	Yes	Yes	25.00	37.50	100	1.00	No	No	BFA	999
BFAM	EQUI	BRIGHT HORIZONS FAM SOL IN DCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BFAM	999
BFAM	OPTN	Bright Horizons Family Solutions Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	BFAM	999
BFB	EQUI	BROWN FORMAN CORP CL.B	Yes	Yes	0.00	0.00	1	1.00	No	No	BFB	999
BFB	OPTN	Brown Forman Corporation Cl. B	Yes	Yes	25.00	37.50	100	1.00	No	No	BFB	999
BFH	EQUI	Bread Financial Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BFH	999
BFH	OPTN	Bread Financial Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BFH	999
BFICQ	OPTN	BurgerFi International, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BFICQ	999
BFIN	EQUI	BankFinancial Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	BFIN	999
BFIN	OPTN	BANKFINANCIAL CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	BFIN	999
BFIX	EQUI	BUILD FUNDS TRUSTBOND INNOVATION	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BFIX	999
BFIX	OPTN	BUILD BOND INNOVATION ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BFIX	999
BFLY	EQUI	Butterfly Network, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	BFLY	999
BFLY	OPTN	Butterfly Network, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BFLY	999
BFLYWS	WARR	Butterfly Network Inc (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	BFLY	999
BFOR	EQUI	BARRONS 400 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BFOR	999
BFOR	OPTN	Barron's 400 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BFOR	999
BFS	EQUI	Saul Centers Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	BFS	999
BFS	OPTN	SAUL CENTERS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BFS	999
BFST	EQUI	BUSINESS FIRST BANCSHARES INCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BFST	999
BFST	OPTN	BUSINESS FIRST BANCSHARES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BFST	999
BFTR	EQUI	BLACKROCK ETF TRUSTFUTURE INVTR ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BFTR	999
BFTR	OPTN	FUTURE INNOVATORS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BFTR	999
BG	EQUI	Bunge Global SA	Yes	Yes	0.00	0.00	1	1.00	No	No	BG	999
BG	OPTN	Bunge Global SA	Yes	Yes	25.00	37.50	100	1.00	No	No	BG	999
2BG	OPTN	Bunge Global SA (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BG	999
BGC	EQUI	BGC Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BGC	999
BGC	OPTN	BGC Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BGC	999
BGFV	EQUI	BIG 5 SPORTING GOODS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BGFV	999
BGFV	OPTN	Big 5 Sporting Goods Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	BGFV	999
ONC	EQUI	BEIGENE LTDSPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	BGNE	999
ONC	OPTN	BeiGene, Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	BGNE	999
BGS	EQUI	B & G Foods Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	BGS	999
BGS	OPTN	B&G Foods Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BGS	999
BGSF	EQUI	BGSF INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BGSF	999
BGSF	OPTN	BGSF, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BGSF	999
BHB	EQUI	Bar Harbor BankShares	Yes	Yes	0.00	0.00	1	1.00	No	No	BHB	999
BHB	OPTN	BAR HARBOR BANKSHARES	Yes	Yes	25.00	37.50	100	1.00	No	No	BHB	999
BHC	EQUI	Bausch Health Companies Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BHC	999



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BHC	OPTN	Bausch Health Companies Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BHC	999
BHE	EQUI	BENCHMARK ELECTRS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	BHE	999
BHE	OPTN	BENCHMARK ELECTRONICS	Yes	Yes	25.00	37.50	100	1.00	No	No	BHE	999
BHF	EQUI	BRIGHTHOUSE FINL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BHF	999
BHF	OPTN	Brighthouse Financial, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	BHF	999
BHIL	EQUI	Benson Hill, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BHIL	999
BHLWQ	WARR	Benson Hill, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	BHIL	999
BHLB	EQUI	BERKSHIRE HILLS BANCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BHLB	999
BHLB	OPTN	Berkshire Hills Bancorp, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	BHLB	999
BHP	EQUI	BHP Group Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	BHP	999
BHP	OPTN	BHP Group Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	BHP	999
2BHP	OPTN	BHP Group Limited (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BHP	999
BHR	EQUI	Braemar Hotels & Resorts Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BHR	999
BHR	OPTN	Braemar Hotels & Resorts Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BHR	999
BHVN	EQUI	BIOHAVEN LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BHVN	999
BHVN	OPTN	BIOHAVEN LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	BHVN	999
1BHVN	OPTN	BIOHAVEN LTD (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BHVN	999
2BHVN	OPTN	BIOHAVEN LTD (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BHVN	999
BIBL	EQUI	NORTHERN LTS FD TR IVINSPIRE 100 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BIBL	999
BIBL	OPTN	INSPIRE 100 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BIBL	999
BIDU	EQUI	Baidu Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	BIDU	999
BIDU	OPTN	Baidu Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	BIDU	999
2BIDU	OPTN	Baidu Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BIDU	999
BIGB	EQUI	LISTED FD TRROUNDHILL BIG BK	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BIGB	999
BIGC	EQUI	BIGCOMMERCE HLDGS INCCOM SER 1	Yes	Yes	0.00	0.00	1	1.00	No	No	BIGC	999
BIGC	OPTN	BIGCOMMERCE HOLDINGS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	BIGC	999
BIGGQ	EQUI	BIG LOTS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BIGGQ	999
BIGGQ	OPTN	Big Lots, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BIGGQ	999
BIGY	EQUI	TIDAL TR IYIELDMAX TRGT12	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BIGY	999
BIGY	OPTN	YIELDMAX TARGET 12 BIG 50 OPTION INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BIGY	999
BIIB	EQUI	Biogen Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BIIB	999
BIIB	OPTN	Biogen Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BIIB	999
2BIIB	OPTN	Biogen Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BIIB	999
BILI	EQUI	BILIBILI INCSPONS ADS REP Z	Yes	Yes	0.00	0.00	1	1.00	No	No	BILI	999
BILI	OPTN	BILIBILI INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BILI	999
2BILI	OPTN	BILIBILI INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BILI	999
BILL	EQUI	BILL Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BILL	999
BILL	OPTN	BILL Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BILL	999
2BILL	OPTN	BILL Holdings, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BILL	999
BIO	EQUI	BIO RAD LABS INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	BIO	999
BIO	OPTN	BIO-RAD LAB. INC CL. A	Yes	Yes	25.00	37.50	100	1.00	No	No	BIO	999
BIOA	EQUI	BIOAGE LABS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BIOA	999
BIOA	OPTN	BIOAGE LABS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	BIOA	999
BIORQ	EQUI	Biora Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BIOR	999
BIOR1	OPTN	Biora Therapeutics, Inc. (1:10 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	BIOR	999
BIOX	EQUI	BIOCERES CROP SOLUTIONS CORPSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	BIOX	999
BIOX	OPTN	BIOCERES CROP SOLUTIONS CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	BIOX	999
BIP	EQUI	BROOKFIELD INFRAST PARTNERSLP INT UNIT	Yes	Yes	0.00	0.00	1	1.00	No	No	BIP	999
BIP	OPTN	Brookfield Infrastructure Partners L.P.	Yes	Yes	25.00	37.50	100	1.00	No	No	BIP	999
BIPC	EQUI	BROOKFIELD INFRASTRUCTURE COCOM SB VTG SHS A	Yes	Yes	0.00	0.00	1	1.00	No	No	BIPC	999

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Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
BIPC	OPTN	BROOKFIELD INFRASTRUCTURE CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	BIPC	999
BIRD	EQUI	ALLBIRDS INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	BIRD	999
BIRD1	OPTN	ALLBIRDS, INC. CLASS A (1:20 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	BIRD	999
BIRK	EQUI	BIRKENSTOCK HOLDING PLCCOM SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	BIRK	999
BIRK	OPTN	BIRKENSTOCK HOLDING LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	BIRK	999
1BIRK	OPTN	BIRKENSTOCK HOLDING LIMITED (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BIRK	999
BITB	EQUI	BITWISE BITCOIN ETF TRSHS BEN INT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BITB	999
BITB	OPTN	BITWISE BITCOIN ETF TRUST	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BITB	999
BITF	EQUI	BITFARMS LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BITF	999
BITF	OPTN	BITFARMS LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	BITF	999
BITF1	OPTN	STRONGHOLD DIGITAL MINING CLASS A COM (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	BITF	999
BITI	EQUI	ProShares Short Bitcoin ETF	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	BITI	999
BITI	OPTN	ProShares Short Bitcoin ETF	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	BITI	999
BITI1	OPTN	ProShares Short Bitcoin ETF (1:5 Reverse Split)	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	BITI	999
BITO	EQUI	ProShares Bitcoin ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BITO	999
BITO	OPTN	ProShares Bitcoin ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BITO	999
BITQ	EQUI	BITWISE CRYPTO INDUSTRY INNOVATORS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BITQ	999
BITQ	OPTN	BITWISE CRYPTO INDUSTRY INNOVATORS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BITQ	999
BITS	EQUI	GLOBAL X FDSBLOCKCHAIN & BIT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BITS	999
BITS	OPTN	GLOBAL X BLOCKCHAIN & BITCOIN STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BITS	999
BITU	EQUI	PROSHARES TRULTRA BITCOIN ET	Yes	Yes	0.00	0.00	1	2.00	Yes	No	BITU	999
BITU	OPTN	PROSHARES ULTRA BITCOIN ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	BITU	999
BITX	EQUI	2X BITCOIN STRATEGY ETF	Yes	Yes	0.00	0.00	1	2.00	Yes	No	BITX	999
BITX	OPTN	2X BITCOIN STRATEGY ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	BITX	999
BIZD	EQUI	VanEck BDC Income ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BIZD	999
BIZD	OPTN	VanEck BDC Income ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BIZD	999
BJ	EQUI	BJS WHSL CLUB HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BJ	999
BJ	OPTN	BJs Wholesale Club Holdings Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	BJ	999
BJK	EQUI	VanEck Gaming ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BJK	999
BJK	OPTN	VanEck Gaming ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BJK	999
BJRI	EQUI	BJs Restaurants Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BJRI	999
BJRI	OPTN	BJ S RESTAURANTS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	BJRI	999
BK	EQUI	BANK OF NEW YORK MELLON CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BK	999
BK	OPTN	The Bank of New York Mellon Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	BK	999
BKCH	EQUI	GLOBAL X FDSGBL X BLOCKCHAIN	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BKCH	999
BKCH	OPTN	GLOBAL X BLOCKCHAIN ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BKCH	999
BKD	EQUI	BROOKDALE SR LIVING INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BKD	999
BKD	OPTN	Brookdale Senior Living Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	BKD	999
BKE	EQUI	BUCKLE INC	Yes	Yes	0.00	0.00	1	1.00	No	No	BKE	999
BKE	OPTN	The Buckle, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BKE	999
BKF	EQUI	iShares MSCI BIC ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BKF	999
BKF	OPTN	iShares MSCI BIC ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BKF	999
BKH	EQUI	BLACK HILLS CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	BKH	999
BKH	OPTN	BLACK HILLS CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	BKH	999
BKKT	EQUI	Bakkt Holdings, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	BKKT	999
BKKT1	OPTN	Bakkt Holdings, Inc. (1:25 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	BKKT	999
BKKTWS	WARR	Bakkt Holdings Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	BKKT	999
BKLC	EQUI	BNY MELLON ETF TRUSTUS LRG CP CORE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BKLC	999
BKLC	OPTN	BNY MELLON US LARGE CAP CORE EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BKLC	999
BKLN	EQUI	Invesco Senior Loan ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BKLN	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
BKLN	OPTN	Invesco Senior Loan ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BKLN	999
BKNG	EQUI	Booking Holdings Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BKNG	999
BKNG	OPTN	Booking Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BKNG	999
1BKNG	OPTN	Booking Holdings Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BKNG	999
2BKNG	OPTN	Booking Holdings Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BKNG	999
BKR	EQUI	Baker Hughes Company	Yes	Yes	0.00	0.00	1	1.00	No	No	BKR	999
BKR	OPTN	Baker Hughes Company	Yes	Yes	25.00	37.50	100	1.00	No	No	BKR	999
2BKR	OPTN	Baker Hughes Company (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BKR	999
BKSY	EQUI	BlackSky Technology Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	BKSY	999
BKSY	OPTN	BlackSky Technology Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BKSY	999
BKSYWS	WARR	BlackSky Technology Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	BKSY	999
BKU	EQUI	BANKUNITED INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BKU	999
BKU	OPTN	BankUnited, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BKU	999
BKV	EQUI	BKV CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BKV	999
BKV	OPTN	BKV CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	BKV	999
KBWB	EQUI	Invesco KBW Bank ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BKX	999
BKX	OPTN	KBW BANK OPEN/EURO INDEX	Yes	Yes	25.00	37.50	100	1.00	No	No	BKX	999
BKXPM	OPTN	KBW BANK CLOSE/EURO (Qtrly)	Yes	Yes	25.00	37.50	100	1.00	No	No	BKX	999
KBWB	OPTN	Invesco KBW Bank ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BKX	999
2BKX	OPTN	KBW BANK OPEN/EURO INDEX (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BKX	999
4BKX	OPTN	KBW BANK PM/EURO (FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BKX	999
BL	EQUI	BLACKLINE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BL	999
BL	OPTN	BlackLine, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BL	999
BLBD	EQUI	BLUE BIRD CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BLBD	999
BLBD	OPTN	BLUEBIRD CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	BLBD	999
BLCN	EQUI	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BLCN	999
BLCN	OPTN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BLCN	999
BLCO	EQUI	BAUSCH PLUS LOMB CORPCOMMON SHARES	Yes	Yes	0.00	0.00	1	1.00	No	No	BLCO	999
BLCO	OPTN	BAUSCH & LOMB CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	BLCO	999
BLD	EQUI	TOPBUILD CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BLD	999
BLD	OPTN	TopBuild Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	BLD	999
BLDE	EQUI	Blade Air Mobility, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	BLDE	999
BLDE	OPTN	Blade Air Mobility, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BLDE	999
BLDEW	WARR	Blade Air Mobility, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	BLDE	999
BLDP	EQUI	BALLARD PWR SYS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BLDP	999
BLDP	OPTN	BALLARD POWER SYSTEMS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	BLDP	999
BLDR	EQUI	Builders FirstSource Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BLDR	999
BLDR	OPTN	Builders FirstSource Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BLDR	999
BLFS	EQUI	BIOLIFE SOLUTIONS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	BLFS	999
BLFS	OPTN	BILOLIFE SOLUTIONS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	BLFS	999
BLFY	EQUI	BLUE FOUNDRY BANCORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BLFY	999
BLFY	OPTN	BLUE FOUNDRY BANCORP	Yes	Yes	25.00	37.50	100	1.00	No	No	BLFY	999
1BLFY	OPTN	BLUE FOUNDRY BANCORP (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BLFY	999
BLK	EQUI	BLACKROCK INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BLK	999
BLK	OPTN	BLACKROCK INC	Yes	Yes	25.00	37.50	100	1.00	No	No	BLK	999
2BLK	OPTN	BLACKROCK INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BLK	999
BLKB	EQUI	BLACKBAUD INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BLKB	999
BLKB	OPTN	Blackbaud, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BLKB	999
BLKC	EQUI	INVESCO ALERIAN GALAXY BLOCKCHAIN USERS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BLKC	999
BLKC	OPTN	INVESCO ALERIAN GALAXY BLOCKCHAIN USERS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BLKC	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
BLMN	EQUI	Bloomin Brands Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BLMN	999
BLMN	OPTN	Bloomin Brands Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BLMN	999
BLND	EQUI	BLEND LABS INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	BLND	999
BLND	OPTN	BLEND LABS, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	BLND	999
BLNK	EQUI	BLINK CHARGING COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BLNK	999
BLNK	OPTN	Blink Charing Co	Yes	Yes	25.00	37.50	100	1.00	No	No	BLNK	999
BLNKW	WARR	Blink Charging Co (warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	BLNK	999
BLOK	EQUI	AMPLIFY Transformational Data Sharing ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BLOK	999
BLOK	OPTN	AMPLIFY TRANSFORMATIONAL DATA SHARING ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BLOK	999
BLRX	EQUI	BIOLINERX LTDSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	BLRX	999
BLRX	OPTN	BIOLINE RX LTD SPONSORED ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	BLRX	999
BLRX1	OPTN	BIOLINE RX LTD SPONSORED ADR (1:40 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	BLRX	999
BLUE	EQUI	BLUEBIRD BIO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BLUE	999
BLUE	OPTN	Bluebird Bio Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	BLUE	999
BLUE1	OPTN	Bluebird Bio Inc (1:20 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	BLUE	999
BLV	EQUI	Vanguard Long-Term Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BLV	999
BLV	OPTN	Vanguard Long-Term Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BLV	999
BLX	EQUI	BANCO LATINOAMERICANO DE COMSHS E	Yes	Yes	0.00	0.00	1	1.00	No	No	BLX	999
BLX	OPTN	Banco Latino Americano de Comerico Exterior SA	Yes	Yes	25.00	37.50	100	1.00	No	No	BLX	999
BLZE	EQUI	BACKBLAZE INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	BLZE	999
BLZE	OPTN	BACKBLAZE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BLZE	999
BMA	EQUI	BANCO MACRO SASPON ADR B	Yes	Yes	0.00	0.00	1	1.00	No	No	BMA	999
BMA	OPTN	Banco Macro SA	Yes	Yes	25.00	37.50	100	1.00	No	No	BMA	999
BMBL	EQUI	BUMBLE INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	BMBL	999
BMBL	OPTN	BUMBLE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BMBL	999
BMEA	EQUI	BIOMEA FUSION INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BMEA	999
BMEA	OPTN	BIOMEA FUSION INC	Yes	Yes	25.00	37.50	100	1.00	No	No	BMEA	999
BMED	EQUI	iShares Health Innovation Active ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BMED	999
BMED	OPTN	iShares Health Innovation Active ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BMED	999
BMI	EQUI	BADGER METER INC	Yes	Yes	0.00	0.00	1	1.00	No	No	BMI	999
BMI	OPTN	Badger Meter, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BMI	999
BMO	EQUI	BANK MONTREAL QUE	Yes	Yes	0.00	0.00	1	1.00	No	No	BMO	999
BMO	OPTN	Bank of Montreal	Yes	Yes	25.00	37.50	100	1.00	No	No	BMO	999
1BMO	OPTN	Bank of Montreal (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BMO	999
BMRA	EQUI	BIOMERICA INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	BMRA	999
BMRA	OPTN	BIOMERICA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BMRA	999
BMRC	EQUI	BANK MARIN BANCORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BMRC	999
BMRC	OPTN	BANK OF MARIN BANCORP	Yes	Yes	25.00	37.50	100	1.00	No	No	BMRC	999
BMRN	EQUI	BIOMARIN PHARMACEUTICAL INC	Yes	Yes	0.00	0.00	1	1.00	No	No	BMRN	999
BMRN	OPTN	BIOMARIN PHARMACEUTICAL I	Yes	Yes	25.00	37.50	100	1.00	No	No	BMRN	999
1BMRN	OPTN	BIOMARIN PHARMACEUTICAL I (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BMRN	999
BMY	EQUI	BRISTOL MYERS SQUIBB CO	Yes	Yes	0.00	0.00	1	1.00	No	No	BMY	999
BMY	OPTN	BRISTOL-MYERS SQUIBB COMPANY	Yes	Yes	25.00	37.50	100	1.00	No	No	BMY	999
2BMY	OPTN	BRISTOL-MYERS SQUIBB COMPANY (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BMY	999
BN	EQUI	Brookfield Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	BN	999
BN	OPTN	BROOKFIELD CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	BN	999
BNDD	EQUI	KRANESHARES TRQUADRATIC DEFLA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BNDD	999
BNDD	OPTN	KRANESHARES QUADRATIC DEFLATION ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BNDD	999
BNDW	EQUI	VANGUARD SCOTTSDALE FDSTOTAL WLD BD ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BNDW	999
BNDW	OPTN	VANGUARD TOTAL WORLD BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BNDW	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
BNDX	EQUI	Vanguard Total International Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BNDX	999
BNDX	OPTN	Vanguard Total International Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BNDX	999
BNED	EQUI	BARNES & NOBLE ED INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BNED	999
BNED	OPTN	BARNES & NOBLE EDUCATION, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BNED	999
BNGE	EQUI	FIRST TR EXCHANGE-TRADED FDS NETWORK STREAM	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BNGE	999
BNGE	OPTN	FIRST TRUST S-NETWORK STREAMING AND GAMING ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BNGE	999
BNGO	EQUI	BIONANO GENOMICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BNGO	999
BNGO1	OPTN	BIONANO GENOMICS, INC. (1:60 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	BNGO	999
BNL	EQUI	Broadstone Net Lease, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BNL	999
BNL	OPTN	Broadstone Net Lease, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BNL	999
BNT	EQUI	Brookfield Wealth Solutions Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	BNRE	999
BNT	OPTN	Brookfield Wealth Solutions Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	BNRE	999
BNS	EQUI	BANK NOVA SCOTIA HALIFAXCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BNS	999
BNS	OPTN	Bank of Nova Scotia	Yes	Yes	25.00	37.50	100	1.00	No	No	BNS	999
1BNS	OPTN	Bank of Nova Scotia (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BNS	999
2BNS	OPTN	Bank of Nova Scotia (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BNS	999
BNTX	EQUI	BIONTECH SESPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	BNTX	999
BNTX	OPTN	BIONTECH SE SPONSORED ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	BNTX	999
BOAT	EQUI	TIDAL ETF TRSONICSHARES GBL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BOAT	999
BOAT	OPTN	SONICSHARES GLOBAL SHIPPING ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BOAT	999
BOC	EQUI	BOSTON OMAHA CORPCL A COM STK	Yes	Yes	0.00	0.00	1	1.00	No	No	BOC	999
BOC	OPTN	BOSTON OMAHA CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	BOC	999
BODI	EQUI	The Beachbody Company, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	BODY	999
BODYW	WARR	The Beachbody Co Inc (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	BODY	999
BOH	EQUI	BANK OF HAWAII CORP.	Yes	Yes	0.00	0.00	1	1.00	No	No	BOH	999
BOH	OPTN	Bank of Hawaii Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	BOH	999
BOKF	EQUI	BOK FINL CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	BOKF	999
BOKF	OPTN	Bok Financial Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	BOKF	999
BOMM	EQUI	DEUTSCHE BK AG LONDON BRHDB BASE MET DBL	Yes	No	0.00		1	-2.00	No	Yes	BOMM	999
BOND	EQUI	PIMCO Active Bond Exchange-Traded Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BOND	999
BOND	OPTN	PIMCO Active Bond Exchange-Traded Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BOND	999
BOOM	EQUI	DMC Global Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BOOM	999
BOOM	OPTN	DMC Global Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BOOM	999
1BOOM	OPTN	DMC Global Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BOOM	999
BOOT	EQUI	BOOT BARN HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BOOT	999
BOOT	OPTN	Boot Barn Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BOOT	999
BORR	EQUI	BORR DRILLING LTDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	BORR	999
BORR	OPTN	BORR DRILLING LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	BORR	999
BOSS	EQUI	GLOBAL X FOUNDER-RUN COMPANIES ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BOSS	999
BOSX	EQUI	DEUTSCHE BK AG LONDON BRHDB BASE MET SHT	Yes	No	0.00		1	-1.00	No	Yes	BOSX	999
BOTZ	EQUI	GLOBAL X ROBOTICS & ARTIFICI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BOTZ	999
BOTZ	OPTN	GLOBAL X ROBOTICS & ARTIFICI	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BOTZ	999
BOUT	EQUI	INNOVATOR ETFS TRUSTIBD BREAKOUT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BOUT	999
BOX	EQUI	BOX INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	BOX	999
BOX	OPTN	Box Inc Class A	Yes	Yes	25.00	37.50	100	1.00	No	No	BOX	999
BP	EQUI	BP PLC	Yes	Yes	0.00	0.00	1	1.00	No	No	BP	999
BP	OPTN	BP PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	BP	999
2BP	OPTN	BP PLC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BP	999
BPMC	EQUI	BLUEPRINT MEDICINES CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BPMC	999
BPMC	OPTN	Blueprint Medicines Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	BPMC	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
BPOP	EQUI	POPULAR INC	Yes	Yes	0.00	0.00	1	1.00	No	No	BPOP	999
BPOP	OPTN	Popular Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BPOP	999
BPT	EQUI	BP PRUDHOE BAY RTY TR	Yes	Yes	0.00	0.00	1	1.00	No	No	BPT	999
BPT	OPTN	BP PRUDHOE BAY ROYALTY TRUST	Yes	Yes	25.00	37.50	100	1.00	No	No	BPT	999
BR	EQUI	BROADRIDGE FINL SOLUTIONS INCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BR	999
BR	OPTN	Broadridge Financial Solutions LLC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BR	999
2BR	OPTN	Broadridge Financial Solutions LLC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BR	999
BRAG	EQUI	BRAGG GAMING GROUP INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	BRAG	999
BRAG	OPTN	BRAGG GAMING GROUP INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BRAG	999
BRBR	EQUI	BellRing Brands, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BRBR	999
BRBR	OPTN	BellRing Brands, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BRBR	999
BRBS	EQUI	BLUE RIDGE BANKSHARES INC VACOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BRBS	999
BRBS	OPTN	BLUE RIDGE BANKSHARES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BRBS	999
BRC	EQUI	BRADY CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	BRC	999
BRC	OPTN	Brady Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	BRC	999
BRCC	EQUI	BRC Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	BRCC	999
BRCC	OPTN	BRC Inc. Class A	Yes	Yes	25.00	37.50	100	1.00	No	No	BRCC	999
BRDG	EQUI	BRIDGE INVT GROUP HLDGS INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	BRDG	999
BRDG	OPTN	BRIDGE INVESTMENT GROUP HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BRDG	999
BRF	EQUI	VanEck Brazil Small-Cap ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BRF	999
BRF	OPTN	VanEck Brazil Small-Cap ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BRF	999
BRFS	EQUI	BRF S.A.	Yes	Yes	0.00	0.00	1	1.00	No	No	BRFS	999
BRFS	OPTN	BRF S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	BRFS	999
BRKB	EQUI	Berkshire Hathaway Inc - Class B	Yes	Yes	0.00	0.00	1	1.00	No	No	BRKB	999
BRKB	OPTN	Berkshire Hathaway Inc. - CI B	Yes	Yes	25.00	37.50	100	1.00	No	No	BRKB	999
2BRKB	OPTN	Berkshire Hathaway Inc. - CI B (Euro Flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	BRKB	999
BRKL	EQUI	BROOKLINE BANCORP INC DELCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BRKL	999
BRKL	OPTN	Brookline Bancorp, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BRKL	999
BRKR	EQUI	BRUKER CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BRKR	999
BRKR	OPTN	Bruker Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	BRKR	999
BRLT	EQUI	BRILLIANT EARTH GROUP INCCL A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	BRLT	999
BRLT	OPTN	BRILLIANT EARTH GROUP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BRLT	999
BRO	EQUI	BROWN & BROWN INC	Yes	Yes	0.00	0.00	1	1.00	No	No	BRO	999
BRO	OPTN	BROWN & BROWN, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	BRO	999
BROS	EQUI	DUTCH BROS INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	BROS	999
BROS	OPTN	DUTCH BROS INC. CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	BROS	999
BWIN	EQUI	The Baldwin Insurance Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BRP	999
BWIN	OPTN	The Baldwin Insurance Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BRP	999
BRSP	EQUI	BrightSpire Capital, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	BRSP	999
BRSP	OPTN	BrightSpire Capital, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BRSP	999
1BRSP	OPTN	BrightSpire Capital, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BRSP	999
BRT	EQUI	BRT APARTMENTS CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	BRT	999
BRT	OPTN	BRT APARTMENTS CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	BRT	999
BRX	EQUI	BRIXMOR PPTY GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BRX	999
BRX	OPTN	Brixmor Property Group Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	BRX	999
2BRX	OPTN	Brixmor Property Group Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BRX	999
BRY	EQUI	Berry Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	BRY	999
BRY	OPTN	Berry Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	BRY	999
BRZE	EQUI	BRAZE INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	BRZE	999
BRZE	OPTN	BRAZE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BRZE	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
1BRZE	OPTN	BRAZE, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BRZE	999
BSAC	EQUI	BANCO SANTANDER CHILE NEWSP ADR REP COM	Yes	Yes	0.00	0.00	1	1.00	No	No	BSAC	999
BSAC	OPTN	Banco Santander Chile	Yes	Yes	25.00	37.50	100	1.00	No	No	BSAC	999
BSBR	EQUI	BANCO SANTANDER BRASIL S AADS REP 1 UNIT	Yes	Yes	0.00	0.00	1	1.00	No	No	BSBR	999
BSBR	OPTN	Banco Santander Brasil SA	Yes	Yes	25.00	37.50	100	1.00	No	No	BSBR	999
BSET	EQUI	BASSETT FURNITURE INDS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BSET	999
BSET	OPTN	Bassett Furniture Industries Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	BSET	999
AAMI	EQUI	Acadian Asset Management Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BSIG	999
AAMI	OPTN	Acadian Asset Management Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BSIG	999
BSM	EQUI	BLACK STONE MINERALS L PCOM UNIT	Yes	Yes	0.00	0.00	1	1.00	No	No	BSM	999
BSM	OPTN	Black Stone Minerals LP	Yes	Yes	25.00	37.50	100	1.00	No	No	BSM	999
BSRR	EQUI	SIERRA BANCORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BSRR	999
BSRR	OPTN	Sierra Bancorp	Yes	Yes	25.00	37.50	100	1.00	No	No	BSRR	999
BSV	EQUI	Vanguard Short-Term Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BSV	999
BSV	OPTN	Vanguard Short-Term Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BSV	999
BSVO	EQUI	EA SERIES TRUSTEA BRIDGEWAY OMN	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BSVO	999
BSVO	OPTN	EA BRIDGEWAY OMNI SMALL-CAP VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BSVO	999
BSX	EQUI	BOSTON SCIENTIFIC CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	BSX	999
BSX	OPTN	BOSTON SCIENTIFIC CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	BSX	999
2BSX	OPTN	BOSTON SCIENTIFIC CORP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BSX	999
BSY	EQUI	BENTLEY SYS INCCOM CL B	Yes	Yes	0.00	0.00	1	1.00	No	No	BSY	999
BSY	OPTN	BENTLEY SYSTEMS, INCORPORATED	Yes	Yes	25.00	37.50	100	1.00	No	No	BSY	999
BTAI	EQUI	BIOXCEL THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BTAI	999
BTAI1	OPTN	BIOXCEL THERAPEUTICS, INC. (1:16 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	BTAI	999
BTAL	EQUI	AGF INVTS TRUS MARKET NETRL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BTAL	999
BTAL	OPTN	AGF U.S. MARKET NEUTRAL ANTI-BETA FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BTAL	999
BTBT	EQUI	BIT DIGITAL, INC.	Yes	Yes	0.00	0.00	1	1.00	No	No	BTBT	999
BTBT	OPTN	BIT DIGITAL, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BTBT	999
BTC	EQUI	GRAYSCALE BITCOIN MINI TR ETSHS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BTC	999
BTC	OPTN	GRAYSCALE BITCOIN MINI TRUST ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BTC	999
BTCL	EQUI	T-REX 2X LONG BITCOIN DAILY TARGET ETF	Yes	Yes	0.00	0.00	1	2.00	Yes	No	BTCL	999
BTCL	OPTN	T-REX 2X LONG BITCOIN DAILY TARGET ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	BTCL	999
BTCM	EQUI	BIT Mining Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	BTCM	999
BTCM	OPTN	BIT Mining Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	BTCM	999
BTCY	EQUI	BIOTRICITY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BTCY	999
BTCY	OPTN	BIOTRICITY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BTCY	999
BTCZ	EQUI	T-REX 2X INVERSE BITCOIN DAILY TARGET ETF	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	BTCZ	999
BTCZ	OPTN	T-REX 2X INVERSE BITCOIN DAILY TARGET ETF	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	BTCZ	999
BTDR	EQUI	Bitdeer Technologies Group	Yes	Yes	0.00	0.00	1	1.00	No	No	BTDR	999
BTDR	OPTN	BITDEER TECHNOLOGIES GROUP CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	BTDR	999
BTE	EQUI	Baytex Energy Corp.	Yes	Yes	0.00	0.00	1	1.00	No	No	BTE	999
BTE	OPTN	BAYTEX ENERGY CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	BTE	999
BTEK	EQUI	BLACKROCK ETF TRUSTFUTURE TECH ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BTEK	999
BTF	EQUI	Valkyrie ETF Trst II CoinShrs Valk Btcn & Ethr Str	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BTF	999
BTF	OPTN	Valkyrie ETF Trst II CoinShrs Valk Btcn & Ethr Str	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BTF	999
BTFX	EQUI	VALKYRIE ETF TRUST IICOINSHARES VALKY	Yes	Yes	0.00	0.00	1	2.00	Yes	No	BTFX	999
BTFX	OPTN	COINSHARES VALKYRIE BITCOIN FUTURES LEVERAGED	Yes	Yes	25.00	37.50	100	2.00	Yes	No	BTFX	999
BTG	EQUI	B2GOLD CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BTG	999
BTG	OPTN	B2Gold Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	BTG	999
BTGD	EQUI	Tidal Trust II STKd 100% Bitcoin & 100% Gold ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BTGD	999



RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
BTGD	OPTN	Tidal Trust II STKd 100% Bitcoin & 100% Gold ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BTGD	999
BTI	EQUI	BRITISH AMERN TOB PLC	Yes	Yes	0.00	0.00	1	1.00	No	No	BTI	999
BTI	OPTN	British American Tobacco PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	BTI	999
2BTI	OPTN	British American Tobacco PLC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BTI	999
BTOP	EQUI	Bitwise Trendwise BTC/ETH and Treasuries Rotation	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BTOP	999
BTOP	OPTN	Bitwise Trendwise BTC/ETH and Treasuries Rotation	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BTOP	999
BTRN	EQUI	GLOBAL X FDSBITCOIN TREND ST	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BTRN	999
BTRN	OPTN	GLOBAL X BITCOIN TREND STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BTRN	999
BTSG	EQUI	BRIGHTSPRING HEALTH SVCS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BTSG	999
BTSG	OPTN	BRIGHTSPRING HEALTH SERVICES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	BTSG	999
BTU	EQUI	PEABODY ENERGY CORP NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BTU	999
BTU	OPTN	Peabody Energy Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	BTU	999
BUD	EQUI	ANHEUSER BUSCH INBEV SA/NVSPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	BUD	999
BUD	OPTN	Anheuser-Busch InBev	Yes	Yes	25.00	37.50	100	1.00	No	No	BUD	999
BUG	EQUI	GLOBAL X FDSCYBRSCURTY ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BUG	999
BUG	OPTN	GLOBAL X CYBER SECURITY	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BUG	999
BERZ	EQUI	BANK MONTREAL QUEMICROSECTORS FAN	Yes	No	0.00		1	-3.00	Yes	No	BULZ	999
BULZ	EQUI	BANK MONTREAL QUENT LKD 41	Yes	No	0.00		1	3.00	Yes	No	BULZ	999
BUR	EQUI	BURFORD CAP LTDORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	BUR	999
BUR	OPTN	BURFORD CAP LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	BUR	999
BURL	EQUI	BURLINGTON STORES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BURL	999
BURL	OPTN	Burlington Stores Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BURL	999
BURU	EQUI	Nuburu, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BURU	999
BURUW	WARR	Nuburu, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	BURU	999
BUSE	EQUI	FIRST BUSEY CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BUSE	999
BUSE	OPTN	First Busey Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	BUSE	999
BUSE1	OPTN	CROSSFIRST BANKSHARES, INC. (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	BUSE	999
BUYZ	EQUI	FRANKLIN DISRUPTIVE COMMERCE ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BUYZ	999
BUYZ	OPTN	FRANKLIN DISRUPTIVE COMMERCE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BUYZ	999
BUZZ	EQUI	VanEck Social Sentiment ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BUZZ	999
BUZZ	OPTN	VanEck Social Sentiment ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BUZZ	999
BV	EQUI	BRIGHTVIEW HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BV	999
BV	OPTN	BRIGHTVIEW HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BV	999
BVN	EQUI	COMPANIA DE MINAS BUENAVENTUSPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	BVN	999
BVN	OPTN	COMPANIA DE MINAS BUENAVENTURA S.A.-ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	BVN	999
BVS	EQUI	BIOVENTUS INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	BVS	999
BVS	OPTN	BIOVENTUS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BVS	999
BW	EQUI	BABCOCK & WILCOX ENTERPRIS ICOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BW	999
BW	OPTN	Babcock & Wilcox Enterprises Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BW	999
BWA	EQUI	BORGWARNER INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BWA	999
BWA	OPTN	BORGWARNER INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BWA	999
BWAY	EQUI	BRAINSWAY LTDSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	BWAY	999
BWAY	OPTN	BRAINSWAY LTD SPONSORED ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	BWAY	999
BWB	EQUI	BRIDGEWATER BANCSHARES INCCOM ACCD INV	Yes	Yes	0.00	0.00	1	1.00	No	No	BWB	999
BWB	OPTN	BRIDGEWATER BANCSHARES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BWB	999
BWEN	EQUI	BROADWIND INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	BWEN	999
BWEN	OPTN	BROADWIND, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BWEN	999
BWET	EQUI	Breakwave Tanker Shipping ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BWET	999
BWET	OPTN	BREAKWAVE TANKER SHIPPING ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BWET	999
BWMN	EQUI	BOWMAN CONSULTING GROUP LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BWMN	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
BWMN	OPTN	BOWMAN CONSULTING GROUP, LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	BWMN	999
BWMX	EQUI	Betterware de Mexico, S.A.P.I. de C.V.	Yes	Yes	0.00	0.00	1	1.00	No	No	BWMX	999
BWMX	OPTN	Betterware de Mexico, S.A.P.I. de C.V.	Yes	Yes	25.00	37.50	100	1.00	No	No	BWMX	999
BWX	EQUI	SPDR Bloomberg International Treasury Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BWX	999
BWX	OPTN	SPDR Bloomberg International Treasury Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	BWX	999
BWXT	EQUI	BWX Technologies, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BWXT	999
BWXT	OPTN	BWX Technologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BWXT	999
BWZ	EQUI	SPDR SER TRBLOOMBERG SHORT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BWZ	999
BX	EQUI	Blackstone Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BX	999
BX	OPTN	Blackstone Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BX	999
2BX	OPTN	Blackstone Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BX	999
BXC	EQUI	BLUELINX HLDGS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	BXC	999
BXC	OPTN	Bluelinx Holdings Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	BXC	999
BXMT	EQUI	Blackstone Mortgage Trust Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BXMT	999
BXMT	OPTN	Blackstone Mortgage Trust Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BXMT	999
BXP	EQUI	BXP, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BXP	999
BXP	OPTN	BXP, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BXP	999
BXSL	EQUI	BLACKSTONE SECD LENDING FDCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	BXSL	999
BXSL	OPTN	BLACKSTONE SECURED LENDING FUND	Yes	Yes	25.00	37.50	100	1.00	No	No	BXSL	999
1BXSL	OPTN	BLACKSTONE SECURED LENDING FUND (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BXSL	999
BY	EQUI	BYLINE BANCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BY	999
BY	OPTN	BYLINE BANCORP INC COM	Yes	Yes	25.00	37.50	100	1.00	No	No	BY	999
BYD	EQUI	BOYD GAMING CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	BYD	999
BYD	OPTN	BOYD GAMING CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	BYD	999
2BYD	OPTN	BOYD GAMING CORP. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	BYD	999
BYND	EQUI	BEYOND MEAT, INC.	Yes	Yes	0.00	0.00	1	1.00	No	No	BYND	999
BYND	OPTN	BEYOND MEAT, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BYND	999
BYOB	EQUI	SoFi Be Your Own Boss ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	BYOB	999
BYON	EQUI	Beyond, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BYON	999
BYON	OPTN	Beyond, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BYON	999
BYRN	EQUI	BYRNA TECHNOLOGIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BYRN	999
BYRN	OPTN	BYRNA TECHNOLOGIES INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BYRN	999
BYSI	EQUI	BEYONDSRING INCSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	BYSI	999
BYSI	OPTN	BEYONDSRING INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BYSI	999
BZ	EQUI	KANZHUN LIMITEDSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	BZ	999
BZ	OPTN	KANZHUN LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	BZ	999
BZAI	EQUI	BLAIZE HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	BZAI	999
BZAI	OPTN	BLAIZE HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BZAI	999
BZFD	EQUI	BuzzFeed, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	BZFD	999
BZFD	OPTN	BUZZFEED, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	BZFD	999
BZFDW	WARR	BUZZFEED, INC (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	BZFD	999
BZH	EQUI	BEAZER HOMES USA INC	Yes	Yes	0.00	0.00	1	1.00	No	No	BZH	999
BZH	OPTN	BEAZER HOMES USA INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	BZH	999
BZUN	EQUI	BAOZUN INCSPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	BZUN	999
BZUN	OPTN	Baozun Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	BZUN	999
C	EQUI	CITIGROUP INC	Yes	Yes	0.00	0.00	1	1.00	No	No	C	999
C	OPTN	CITIGROUP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	C	999
1C	OPTN	CITIGROUP INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	C	999
2C	OPTN	CITIGROUP INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	C	999
CAAP	EQUI	CORPORACION AMER ARPTS S ACOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CAAP	999

## RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
CAAP	OPTN	CORPORACION AMERICA AIRPORTS S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	CAAP	999
CAAS	EQUI	CHINA AUTOMOTIVE SYS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CAAS	999
CAAS	OPTN	China Automotive Systems Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CAAS	999
CABA	EQUI	CABALETTA BIO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CABA	999
CABA	OPTN	CABALETTA BIO, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CABA	999
CAC	EQUI	Camden National Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	CAC	999
CAC	OPTN	Camden National Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	CAC	999
CACC	EQUI	CREDIT ACCEP CORP MICHCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CACC	999
CACC	OPTN	Credit Acceptance Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	CACC	999
CACI	EQUI	CACI INTL INCCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	CACI	999
CACI	OPTN	CACI INTERNATIONAL, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CACI	999
CADE	EQUI	Cadence Bank	Yes	Yes	0.00	0.00	1	1.00	No	No	CADE	999
CADE	OPTN	Cadence Bancorp	Yes	Yes	25.00	37.50	100	1.00	No	No	CADE	999
2CADE	OPTN	Cadence Bancorp (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CADE	999
CADL	EQUI	CANDEL THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CADL	999
CADL	OPTN	CANDEL THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CADL	999
CAE	EQUI	CAE INC.	Yes	Yes	0.00	0.00	1	1.00	No	No	CAE	999
CAE	OPTN	CAE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CAE	999
CAF	EQUI	MORGAN STANLEY CHINA A SH FDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CAF	999
CAF	OPTN	Morgan Stanley China A Share Fund, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CAF	999
CAG	EQUI	Conagra Brands, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CAG	999
CAG	OPTN	Conagra Brands, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CAG	999
CAH	EQUI	CARDINAL HEALTH INC	Yes	Yes	0.00	0.00	1	1.00	No	No	CAH	999
CAH	OPTN	CARDINAL HEALTH INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CAH	999
2CAH	OPTN	CARDINAL HEALTH INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CAH	999
CAKE	EQUI	CHEESECAKE FACTORY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CAKE	999
CAKE	OPTN	THE CHEESECAKE FACTORY	Yes	Yes	25.00	37.50	100	1.00	No	No	CAKE	999
CAL	EQUI	Caleres, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CAL	999
CAL	OPTN	Caleres, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CAL	999
CALF	EQUI	Pacer US Small Cap Cash Cows ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CALF	999
CALF	OPTN	Pacer US Small Cap Cash Cows ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CALF	999
CALM	EQUI	CAL MAINE FOODS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	CALM	999
CALM	OPTN	Cal-Maine Foods, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CALM	999
CALT	OPTN	CALLIDITAS THERAPEUTICS AB	Yes	Yes	25.00	37.50	100	1.00	No	No	CALT	999
CALX	EQUI	Calix, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CALX	999
CALX	OPTN	Calix, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CALX	999
CAMT	EQUI	CAMTEK LTDORD	Yes	Yes	0.00	0.00	1	1.00	No	No	CAMT	999
CAMT	OPTN	Camtek Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	CAMT	999
CAN	EQUI	CANAAN INCSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	CAN	999
CAN	OPTN	CANAAN INC. SPONSORED ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	CAN	999
CANE	EQUI	TEUCRIUM COMMODITY TRSUGAR FD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CANE	999
CANE	OPTN	TEUCRIUM SUGAR FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CANE	999
CAPL	EQUI	CrossAmerica Partners LP	Yes	Yes	0.00	0.00	1	1.00	No	No	CAPL	999
CAPL	OPTN	CrossAmerica Partners LP	Yes	Yes	25.00	37.50	100	1.00	No	No	CAPL	999
CAPR	EQUI	CAPRICOR THERAPEUTICS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	CAPR	999
CAPR	OPTN	CAPRICOR THERAPEUTICS, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CAPR	999
CAPT	EQUI	Captivision Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CAPT	999
CAPT	OPTN	CAPTIVISION INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CAPT	999
CAPTW	WARR	Captivision Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	CAPT	999
CAR	EQUI	Avis Budget Group Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	CAR	999

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CAR	OPTN	Avis Budget Group Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CAR	999
1CAR	OPTN	Avis Budget Group Inc (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CAR	999
CARA	EQUI	CARA THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CARA	999
CARA1	OPTN	Cara Therapeutics Inc (1:12 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	CARA	999
CARE	EQUI	CARTER BANKSHARES INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	CARE	999
CARE	OPTN	CARTER BANKSHARES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CARE	999
CARG	EQUI	CARGURUS INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	CARG	999
CARG	OPTN	CARGURUS, INC. CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	CARG	999
CARR	EQUI	CARRIER GLOBAL CORPORATIONCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CARR	999
CARR	OPTN	CARRIER GLOBAL CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	CARR	999
CARS	EQUI	Cars.com Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CARS	999
CARS	OPTN	Cars.com Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CARS	999
CART	EQUI	MAPLEBEAR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CART	999
CART	OPTN	MAPLEBEAR INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CART	999
CARD	EQUI	BANK MONTREAL QUENT CARDIV 43	Yes	No	0.00		1	-3.00	No	Yes	CARU	999
CARU	EQUI	BANK MONTREAL QUECAL LKD 43	Yes	No	0.00		1	3.00	No	Yes	CARU	999
CARZ	EQUI	First Tr Exch-Traded Fund II First Tr S-Net ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CARZ	999
CARZ	OPTN	First Tr Exch-Traded Fund II First Tr S-Net ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CARZ	999
CASH	EQUI	Pathward Financial, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CASH	999
CASH	OPTN	Pathward Financial, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CASH	999
CASI	EQUI	CASI PHARMACEUTICALS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	CASI	999
CASI	OPTN	CASI PHARMACEUTICALS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CASI	999
CASS	EQUI	CASS INFORMATION SYS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CASS	999
CASS	OPTN	Cass Information Systems, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CASS	999
CASY	EQUI	CASEYS GEN STORES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	CASY	999
CASY	OPTN	Casey's General Stores Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CASY	999
CAT	EQUI	CATERPILLAR INC DEL	Yes	Yes	0.00	0.00	1	1.00	No	No	CAT	999
CAT	OPTN	CATERPILLAR INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CAT	999
1CAT	OPTN	CATERPILLAR INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CAT	999
2CAT	OPTN	CATERPILLAR INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CAT	999
CATH	EQUI	GLOBAL X FDSS&P 500 CATHOLIC	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CATH	999
CATH	OPTN	GLOBAL X S&P 500 CATHOLIC VALUES CUSTOM ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CATH	999
CATO	EQUI	Cato Corporation-CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	CATO	999
CATO	OPTN	Cato Corp. Cl A	Yes	Yes	25.00	37.50	100	1.00	No	No	CATO	999
CATX	EQUI	PERSPECTIVE THERAPEUTICS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	CATX	999
CATX	OPTN	PERSPECTIVE THERAPEUTICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CATX	999
CATY	EQUI	CATHAY GENERAL BANCORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CATY	999
CATY	OPTN	Cathay General Bancorp	Yes	Yes	25.00	37.50	100	1.00	No	No	CATY	999
CAVA	EQUI	CAVA GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CAVA	999
CAVA	OPTN	CAVA GROUP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CAVA	999
2CAVA	OPTN	CAVA GROUP INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CAVA	999
CB	EQUI	Chubb Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	CB	999
CB	OPTN	Chubb Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	CB	999
2CB	OPTN	Chubb Limited (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CB	999
CBAN	EQUI	COLONY BANKCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CBAN	999
CBAN	OPTN	COLONY BANKCORP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CBAN	999
CBAT	EQUI	CBAK ENERGY TECHNOLOGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CBAT	999
CBAT	OPTN	CBAK ENERGY TECHNOLOGY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CBAT	999
CBL	EQUI	CBL & ASSOC PPTYS INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	CBL	999
CBL	OPTN	CBL & ASSOCIATES PROPERTIES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CBL	999

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CBLL	EQUI	CERIBELL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CBLL	999
CBLL	OPTN	CERIBELL, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CBLL	999
CBNK	EQUI	CAPITAL BANCORP INC MDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CBNK	999
CBNK	OPTN	CAPITAL BANCORP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CBNK	999
CBOE	EQUI	Cboe Global Markets, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CBOE	999
CBOE	OPTN	Cboe Global Markets, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CBOE	999
CBRE	EQUI	CBRE Group Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CBRE	999
CBRE	OPTN	CBRE Group Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CBRE	999
CBRL	EQUI	Cracker Barrel Old Country Store	Yes	Yes	0.00	0.00	1	1.00	No	No	CBRL	999
CBRL	OPTN	Cracker Barrel Old Country Store	Yes	Yes	25.00	37.50	100	1.00	No	No	CBRL	999
CBSH	EQUI	COMMERCE BANCSHARES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	CBSH	999
CBSH	OPTN	Commerce Bancshares, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CBSH	999
CBSH1	OPTN	Commerce Bancshares, Inc. (5% Stock Dividend)	Yes	Yes	26.25	39.375	105	1.00	No	No	CBSH	999
CBT	EQUI	CABOT CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	CBT	999
CBT	OPTN	CABOT CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	CBT	999
CBTX	OPTN	Cboe Bitcoin U.S. ETF Index Options	Yes	Yes	25.00	37.50	100	1.00	No	No	CBTX	999
CBTXW	OPTN	Cboe Bitcoin U.S. ETF Index Options End of Month	Yes	Yes	25.00	37.50	100	1.00	No	No	CBTX	999
MBTX	OPTN	Cboe Mini Bitcoin U.S. ETF Index Options	Yes	Yes	25.00	37.50	100	1.00	No	No	CBTX	999
MBTXW	OPTN	Cboe Mini Bitcoin U.S. ETF Index Options End of Mo	Yes	Yes	25.00	37.50	100	1.00	No	No	CBTX	999
4CBTX	OPTN	Cboe Bitcoin U.S. ETF Index Options (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CBTX	999
4MBTX	OPTN	Cboe Mini Bitcoin U.S. ETF Index Optio (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CBTX	999
CBU	EQUI	Community Financial System, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CBU	999
CBU	OPTN	Community Financial System, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CBU	999
CBUS	EQUI	Cibus, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CBUS	999
CBUS	OPTN	CIBUS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CBUS	999
CBZ	EQUI	CBIZ INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CBZ	999
CBZ	OPTN	CBIZ, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CBZ	999
CC	EQUI	The Chemours Company	Yes	Yes	0.00	0.00	1	1.00	No	No	CC	999
CC	OPTN	The Chemours Company	Yes	Yes	25.00	37.50	100	1.00	No	No	CC	999
CCAP	EQUI	Crescent Capital BDC, Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	CCAP	999
CCAP	OPTN	CRESCENT CAPITAL BDC, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CCAP	999
CCB	EQUI	COASTAL FINL CORP WACOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	CCB	999
CCB	OPTN	COASTAL FINANCIAL CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	CCB	999
CCBG	EQUI	CAPITAL CITY BK GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CCBG	999
CCBG	OPTN	CAPITAL CITY BANK GROUP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CCBG	999
CCCC	EQUI	C4 THERAPEUTICS INCCOM STK	Yes	Yes	0.00	0.00	1	1.00	No	No	CCCC	999
CCCC	OPTN	C4 THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CCCC	999
CCCS	EQUI	CCC Intelligent Solutions Holdings Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CCCS	999
CCCS	OPTN	CCC Intelligent Solutions Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CCCS	999
CCEC	EQUI	Capital Clean Energy Carriers Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	CCEC	999
CCEC	OPTN	Capital Clean Energy Carriers Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	CCEC	999
CCEP	EQUI	Coca-Cola Europacific Partners plc	Yes	Yes	0.00	0.00	1	1.00	No	No	CCEP	999
CCEP	OPTN	Coca-Cola Europacific Partners plc	Yes	Yes	25.00	37.50	100	1.00	No	No	CCEP	999
2CCEP	OPTN	Coca-Cola Europacific Partners plc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CCEP	999
CCI	EQUI	Crown Castle Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CCI	999
CCI	OPTN	Crown Castle Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CCI	999
2CCI	OPTN	Crown Castle Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CCI	999
CCJ	EQUI	CAMECO CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	CCJ	999
CCJ	OPTN	CAMECO CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	CCJ	999
CCK	EQUI	CROWN HOLDINGS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	CCK	999

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CCK	OPTN	CROWN HOLDINGS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CCK	999
2CCK	OPTN	CROWN HOLDINGS INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CCK	999
CCL	EQUI	CARNIVAL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	CCL	999
CCL	OPTN	CARNIVAL CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	CCL	999
2CCL	OPTN	CARNIVAL CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CCL	999
CCLD	EQUI	CareCloud, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CCLD	999
CCLD	OPTN	CareCloud, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CCLD	999
CCNE	EQUI	CNB FINL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	CCNE	999
CCNE	OPTN	CNB Financial Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	CCNE	999
CCO	EQUI	Clear Channel Outdoor Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CCO	999
CCO	OPTN	Clear Channel Outdoor Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CCO	999
CCOI	EQUI	Cogent Communications Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CCOI	999
CCOI	OPTN	Cogent Communications Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CCOI	999
2CCOI	OPTN	Cogent Communications Holdings, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CCOI	999
CCOR	EQUI	Core Alternative ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CCOR	999
CCOR	OPTN	CORE ALTERNATIVE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CCOR	999
CCRN	EQUI	CROSS COUNTRY HEALTHCARE INC	Yes	Yes	0.00	0.00	1	1.00	No	No	CCRN	999
CCRN	OPTN	CROSS COUNTRY HEALTHCARE	Yes	Yes	25.00	37.50	100	1.00	No	No	CCRN	999
CCRV	EQUI	ISHARES U S ETF TRCOMMODITY CURVE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CCRV	999
CCRV	OPTN	ISHARES COMMODITY CURVE CARRY STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CCRV	999
CCS	EQUI	CENTURY CMNTYS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CCS	999
CCS	OPTN	Century Communities, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CCS	999
CCSI	EQUI	CONSENSUS CLOUD SOLUTIONS INCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CCSI	999
CCSI	OPTN	CONSENSUS CLOUD SOLUTIONS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CCSI	999
CCU	EQUI	COMPANIA CERVECERIAS UNIDAS S.A.	Yes	Yes	0.00	0.00	1	1.00	No	No	CCU	999
CCU	OPTN	COMPANIA CERVECERIAS UNIDAS S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	CCU	999
DAY	EQUI	Dayforce, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CDAY	999
DAY	OPTN	Dayforce, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CDAY	999
CDC	EQUI	VICTORY PORTFOLIOS IIVCSHS US EQ INCM	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CDC	999
CDC	OPTN	VICTORYSHARES US EQ INCOME ENHANCED VOLATILITY	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CDC	999
CDE	EQUI	Coeur Mining Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CDE	999
CDE	OPTN	Coeur Mining Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CDE	999
CDE1	OPTN	SILVERCREST METALS, INC. (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	CDE	999
CDEI	EQUI	MORGAN STANLEY ETF TRUSTCALVERT US LRGCP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CDEI	999
CDEI	OPTN	CALVERT US LARGE-CAP DIVERSITY, EQUITY	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CDEI	999
CDL	EQUI	VICTORY PORTFOLIOS IIVCSHS US LRG CAP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CDL	999
CDL	OPTN	VICTORYSHARES US LARGE CAP HIGH DIV VOLATILITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CDL	999
CDLX	EQUI	CARDLYTICS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	CDLX	999
CDLX	OPTN	CARDLYTICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CDLX	999
CDNA	EQUI	CAREDX INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CDNA	999
CDNA	OPTN	CareDx, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CDNA	999
CDNS	EQUI	CADENCE DESIGN SYSTEM INC	Yes	Yes	0.00	0.00	1	1.00	No	No	CDNS	999
CDNS	OPTN	CADENCE DESIGN SYSTEMS, I	Yes	Yes	25.00	37.50	100	1.00	No	No	CDNS	999
2CDNS	OPTN	CADENCE DESIGN SYSTEMS, I (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CDNS	999
CDP	EQUI	COPT Defense Properties	Yes	Yes	0.00	0.00	1	1.00	No	No	CDP	999
CDP	OPTN	COPT Defense Properties	Yes	Yes	25.00	37.50	100	1.00	No	No	CDP	999
CDRE	EQUI	CADRE HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CDRE	999
CDRE	OPTN	CADRE HOLDINGS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CDRE	999
CDTTW	WARR	CONDUIT PHARMACEUTICALS INCCOM NEW (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	CDT	999
CDTX	EQUI	CIDARA THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CDTX	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
CDTX	OPTN	CIDARA THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CDTX	999
CDW	EQUI	CDW CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CDW	999
CDW	OPTN	CDW Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	CDW	999
CDXS	EQUI	CODEXIS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	CDXS	999
CDXS	OPTN	Codexis Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CDXS	999
CDZI	EQUI	CADIZ INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	CDZI	999
CDZI	OPTN	Cadiz, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CDZI	999
CE	EQUI	CELANESE CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	CE	999
CE	OPTN	CELANESE CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	CE	999
CECO	EQUI	CECO ENVIRONMENTAL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	CECO	999
CECO	OPTN	CECO Environmental Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	CECO	999
CEFD	EQUI	UBS AG LONDON BRANCHCAL LKD 50	Yes	No	0.00		1	1.50	No	Yes	CEFD	999
CEG	EQUI	CONSTELLATION ENERGY CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CEG	999
CEG	OPTN	CONSTELLATION ENERGY CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	CEG	999
2CEG	OPTN	CONSTELLATION ENERGY CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CEG	999
CEIN	EQUI	CAMBER ENERGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CEIN	999
CEIN	OPTN	Camber Energy Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CEIN	999
CELC	EQUI	CELCUITY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CELC	999
CELC	OPTN	CELCUITY INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CELC	999
1CELC	OPTN	CELCUITY INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CELC	999
CELH	EQUI	CELSIUS HOLDINGS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	CELH	999
CELH	OPTN	CELSIUS HOLDINGS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CELH	999
1CELH	OPTN	CELSIUS HOLDINGS INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CELH	999
2CELH	OPTN	CELSIUS HOLDINGS INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CELH	999
CELU	EQUI	Celularity Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	CELU	999
CELU	OPTN	Celularity Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CELU	999
CELUW	WARR	Celularity Inc (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	CELU	999
CEMB	EQUI	iShares JP MORGAN EM Corporate Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CEMB	999
CEMB	OPTN	ISHARES JP MORGAN EM CORPORATE BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CEMB	999
CENN	EQUI	Cenntro Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CENN	999
CENN	OPTN	Cenntro Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CENN	999
CENT	EQUI	CENTRAL GARDEN & PET COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CENT	999
CENT	OPTN	Central Garden & Pet Company Common Stock	Yes	Yes	25.00	37.50	100	1.00	No	No	CENT	999
CENTA	EQUI	CENTRAL GARDEN & PET COCL A NON-VTG	Yes	Yes	0.00	0.00	1	1.00	No	No	CENTA	999
CENTA	OPTN	Central Garden & Pet Company Class A	Yes	Yes	25.00	37.50	100	1.00	No	No	CENTA	999
CENX	EQUI	Century Aluminum Co.	Yes	Yes	0.00	0.00	1	1.00	No	No	CENX	999
CENX	OPTN	CENTURY ALUMINUM COMPANY	Yes	Yes	25.00	37.50	100	1.00	No	No	CENX	999
CEPI	EQUI	ETF OPPORTUNITIES TRUSTREX CRYPTO EQUIT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CEPI	999
CEPI	OPTN	REX CRYPTO EQUITY PREMIUM INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CEPI	999
CEPU	EQUI	CENTRAL PUERTO S ASPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	CEPU	999
CEPU	OPTN	CENTRAL PUERTO S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	CEPU	999
CEPU1	OPTN	CENTRAL PUERTO S.A. (Cash Distribution)	Yes	Yes	25.00	37.50	100	1.00	No	No	CEPU	999
CERS	EQUI	CERUS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CERS	999
CERS	OPTN	CERUS CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	CERS	999
CERT	EQUI	CERTARA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CERT	999
CERT	OPTN	CERTARA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CERT	999
CERY	EQUI	SPDR SER TRBLOOMBERG ENHNCD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CERY	999
CERY	OPTN	SPDR BLOOMBERG ENHANCED ROLL YLD COMM STRAT NO	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CERY	999
CEVA	EQUI	CEVA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CEVA	999
CEVA	OPTN	Ceva Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CEVA	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
CEW	EQUI	WisdomTree Emerging Currency Strategy Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CEW	999
CEW	OPTN	WisdomTree Emerging Currency Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CEW	999
CF	EQUI	CF INDS HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CF	999
CF	OPTN	CF Industries Holdings Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CF	999
2CF	OPTN	CF Industries Holdings Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CF	999
CFA	EQUI	VICTORYSHARES US 500 VOLATILITY WTD ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CFA	999
CFA	OPTN	VICTORYSHARES US 500 VOLATILITY WTD ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CFA	999
CFFN	EQUI	CAPITOL FED FINLCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CFFN	999
CFFN	OPTN	Capitol Federal Financial	Yes	Yes	25.00	37.50	100	1.00	No	No	CFFN	999
CFG	EQUI	CITIZENS FINL GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CFG	999
CFG	OPTN	Citizens Financial Group Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CFG	999
2CFG	OPTN	Citizens Financial Group Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CFG	999
CFLT	EQUI	CONFLUENT INCCCLASS A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	CFLT	999
CFLT	OPTN	CONFLUENT, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CFLT	999
2CFLT	OPTN	CONFLUENT, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CFLT	999
CFO	EQUI	VICTORY PORTFOLIOS IIVCSHS US 500 ENH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CFO	999
CFO	OPTN	VICTORYSHARES US 500 ENHANCED VOLATILITY WTD ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CFO	999
CFR	EQUI	CULLEN FROST BANKERS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	CFR	999
CFR	OPTN	CULLEN/FROST BANKERS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CFR	999
CG	EQUI	The Carlyle Group Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CG	999
CG	OPTN	The Carlyle Group Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CG	999
2CG	OPTN	The Carlyle Group Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CG	999
ENFY	EQUI	Enlightify Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CGA	999
ENFY	OPTN	Enlightify Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CGA	999
CGAU	EQUI	CENTERRA GOLD INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CGAU	999
CGAU	OPTN	CENTERRA GOLD INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CGAU	999
CGBD	EQUI	Carlyle Secured Lending, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CGBD	999
CGBD	OPTN	Carlyle Secured Lending, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CGBD	999
CGC	EQUI	CANOPY GROWTH CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CGC	999
CGC	OPTN	Canopy Grwoth Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	CGC	999
CGC1	OPTN	Canopy Grwoth Corporation (1:10 Rev Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	CGC	999
CGDV	EQUI	CAPITAL GROUP DIVIDEND VALUESHS CREATION UNI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CGDV	999
CGDV	OPTN	CAPITAL GROUP DIVIDEND VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CGDV	999
CGEM	EQUI	Cullinan Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CGEM	999
CGEM	OPTN	Cullinan Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CGEM	999
CGEN	EQUI	COMPUGEN LTDORD	Yes	Yes	0.00	0.00	1	1.00	No	No	CGEN	999
CGEN	OPTN	Compugen Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	CGEN	999
CGGR	EQUI	CAPITAL GROUP GROWTH ETFSHS CREATION UNI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CGGR	999
CGGR	OPTN	CAPITAL GROUP GROWTH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CGGR	999
CGNT	EQUI	COGNYTE SOFTWARE LTDORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	CGNT	999
CGNT	OPTN	COGNYTE SOFTWARE LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	CGNT	999
1CGNT	OPTN	COGNYTE SOFTWARE LTD (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CGNT	999
CGNX	EQUI	COGNEX CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CGNX	999
CGNX	OPTN	COGNEX CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	CGNX	999
CGON	EQUI	CG ONCOLOGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CGON	999
CGON	OPTN	CG ONCOLOGY INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CGON	999
1CGON	OPTN	CG ONCOLOGY INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CGON	999
CGUS	EQUI	CAPITAL GROUP CORE EQUITY ETSHS CREATION UNI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CGUS	999
CGUS	OPTN	CAPITAL GROUP CORE EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CGUS	999
CGW	EQUI	INVESCO EXCH TRADED FD TR IIS&P GBL WATER	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CGW	999



**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
CGW	OPTN	INVECO S&P GLOBAL WATER INDEX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CGW	999
CHAT	EQUI	TIDAL TR IROUNDHILL GENER	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CHAT	999
CHAT	OPTN	TIDAL TRUST II ROUNDHILL GENERATIVE AI & TECH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CHAT	999
CHB	EQUI	GLOBAL X FDSCHINA BIOTECHINV	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CHB	999
CHCO	EQUI	CITY HLDG COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CHCO	999
CHCO	OPTN	City Holding Co	Yes	Yes	25.00	37.50	100	1.00	No	No	CHCO	999
CHCT	EQUI	COMMUNITY HEALTHCARE TR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CHCT	999
CHCT	OPTN	COMMUNITY HEALTHCARE TRUST INCORPORATED	Yes	Yes	25.00	37.50	100	1.00	No	No	CHCT	999
CHD	EQUI	CHURCH & DWIGHT INC	Yes	Yes	0.00	0.00	1	1.00	No	No	CHD	999
CHD	OPTN	CHURCH & DWIGHT CO.	Yes	Yes	25.00	37.50	100	1.00	No	No	CHD	999
CHDN	EQUI	CHURCHILL DOWNS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	CHDN	999
CHDN	OPTN	Churchill Downs, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CHDN	999
CHE	EQUI	CHEMED CORPORATION	Yes	Yes	0.00	0.00	1	1.00	No	No	CHE	999
CHE	OPTN	CHEMED CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	CHE	999
CHEF	EQUI	CHEFS WHSE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CHEF	999
CHEF	OPTN	Chefs' Warehouse Inc/The	Yes	Yes	25.00	37.50	100	1.00	No	No	CHEF	999
CHGG	EQUI	CHEGG INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CHGG	999
CHGG	OPTN	Chegg Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CHGG	999
CHGX	EQUI	AXS Change Finance ESG ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CHGX	999
CHGX	OPTN	AXS CHANGE FINANCE ESG ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CHGX	999
CHH	EQUI	NEW CHOICE HOTELS INTL	Yes	Yes	0.00	0.00	1	1.00	No	No	CHH	999
CHH	OPTN	Choice Hotels International, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CHH	999
CHIC	EQUI	Global X Funds Global X MSCI China Comms Services	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CHIC	999
CHIE	EQUI	GLOBAL X FDSMSCI CHINA ENRGY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CHIE	999
CHIK	EQUI	GLOBAL X FDSMSCI CHINA IT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CHIK	999
CHIM	EQUI	GLOBAL X FDSMSCI CHINA MATRL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CHIM	999
CHIQ	EQUI	Global X MSCI China Consumer Discretionary ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CHIQ	999
CHIQ	OPTN	Global X MSCI China Consumer Discretionary ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CHIQ	999
CHIR	EQUI	GLOBAL X FDSMSCI CHINA RE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CHIR	999
CHIS	EQUI	GLOBAL X FDSMSCI CHINA CON	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CHIS	999
CHIX	EQUI	Global X MSCI China Financials ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CHIX	999
CHKP	EQUI	CHECK POINT SOFTWARE TECH LT	Yes	Yes	0.00	0.00	1	1.00	No	No	CHKP	999
CHKP	OPTN	CHECK POINT SOFTWARE	Yes	Yes	25.00	37.50	100	1.00	No	No	CHKP	999
CHMI	EQUI	CHERRY HILL MTG INVT CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CHMI	999
CHMI	OPTN	CHERRY HILL MORTGAGE INVESTMENT CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	CHMI	999
CHPS	EQUI	DBX ETF TRXTRACKERS SEMICO	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CHPS	999
CHPS	OPTN	XTRACKERS SEMICONDUCTOR SELECT EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CHPS	999
CHPT	EQUI	ChargePoint Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CHPT	999
CHPT	OPTN	ChargePoint Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CHPT	999
1CHPT	OPTN	ChargePoint Holdings, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CHPT	999
CHRD	EQUI	Chord Energy Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	CHRD	999
CHRD	OPTN	Chord Energy Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	CHRD	999
OASPW	WARR	Chord Energy Corporation (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	CHRD	999
WLLAW	WARR	WHITING PETROLEUM CORPORATION (Warrant)	Yes	No	0.25		1	1.00	No	No	CHRD	999
WLLBW	WARR	WHITING PETROLEUM CORPORATION (Warrant)	Yes	No	0.25		1	1.00	No	No	CHRD	999
CHRS	EQUI	COHERUS BIOSCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CHRS	999
CHRS	OPTN	Coherus Biosciences Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CHRS	999
CHRW	EQUI	C H ROBINSON WORLDWIDE INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	CHRW	999
CHRW	OPTN	C H ROBINSON WORLDWIDE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CHRW	999
2CHRW	OPTN	C H ROBINSON WORLDWIDE INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CHRW	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
CHT	EQUI	CHUNGHWA TELECOM CO LTDSPON ADR NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	CHT	999
CHT	OPTN	Chunghwa Telecom Co Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	CHT	999
CHTR	EQUI	CHARTER COMMUNICATIONS INC CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	CHTR	999
CHTR	OPTN	Charter Communications Inc. CI A	Yes	Yes	25.00	37.50	100	1.00	No	No	CHTR	999
2CHTR	OPTN	Charter Communications Inc. CI A (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CHTR	999
CHWY	EQUI	CHEWY INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	CHWY	999
CHWY	OPTN	CHEWY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CHWY	999
CHX	EQUI	ChampionX Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	CHX	999
CHX	OPTN	ChampionX Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	CHX	999
CI	EQUI	The Cigna Group	Yes	Yes	0.00	0.00	1	1.00	No	No	CI	999
CI	OPTN	The Cigna Group	Yes	Yes	25.00	37.50	100	1.00	No	No	CI	999
2CI	OPTN	The Cigna Group (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CI	999
CIA	EQUI	CITIZENS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	CIA	999
CIA	OPTN	Citizens Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CIA	999
CIB	EQUI	BANCOLOMBIA S A	Yes	Yes	0.00	0.00	1	1.00	No	No	CIB	999
CIB	OPTN	Bancolombia S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	CIB	999
CIBR	EQUI	First Trust Exchange-NASDAQ Cybersecurity ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CIBR	999
CIBR	OPTN	First Trust Exchange-NASDAQ Cybersecurity ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CIBR	999
CIEN	EQUI	CIENA CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	CIEN	999
CIEN	OPTN	Ciena Corp (New)	Yes	Yes	25.00	37.50	100	1.00	No	No	CIEN	999
2CIEN	OPTN	Ciena Corp (New) (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CIEN	999
CIFR	EQUI	Cipher Mining Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CIFR	999
CIFR	OPTN	Cipher Mining Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CIFR	999
CIFRW	WARR	Cipher Mining Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	CIFR	999
CIG	EQUI	COMPANHIA ENERGETICA DE MINASP ADR N-V PFD	Yes	Yes	0.00	0.00	1	1.00	No	No	CIG	999
CIG	OPTN	Companhia Energetica de Minas Gerais - CEMIG	Yes	Yes	25.00	37.50	100	1.00	No	No	CIG	999
CIGI	EQUI	COLLIERS INTL GROUP INCSUB VTG SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	CIGI	999
CIGI	OPTN	COLLIERS INTERNATIONAL GROUP INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CIGI	999
CIM	EQUI	CHIMERA INVT CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CIM	999
CIM	OPTN	Chimera Investment Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	CIM	999
CINF	EQUI	CINCINNATI FINL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	CINF	999
CINF	OPTN	Cincinnati Financial Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	CINF	999
2CINF	OPTN	Cincinnati Financial Corp (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CINF	999
CINT	EQUI	CI&T INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	CINT	999
CINT	OPTN	CI&T INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CINT	999
CIO	EQUI	CITY OFFICE REIT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CIO	999
CIO	OPTN	City Office REIT, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CIO	999
CION	EQUI	CION INVT CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CION	999
CION	OPTN	CION INVESTMENT CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	CION	999
CIVB	EQUI	CIVISTA BANCSHARES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CIVB	999
CIVB	OPTN	Civista BancShares Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CIVB	999
CIVI	EQUI	Civitas Resources, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CIVI	999
CIVI	OPTN	Civitas Resources, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CIVI	999
CKPT	EQUI	CHECKPOINT THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CKPT	999
CKPT	OPTN	CHECKPOINT THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CKPT	999
CL	EQUI	COLGATE PALMOLIVE CO	Yes	Yes	0.00	0.00	1	1.00	No	No	CL	999
CL	OPTN	COLGATE PALMOLIVE	Yes	Yes	25.00	37.50	100	1.00	No	No	CL	999
2CL	OPTN	COLGATE PALMOLIVE (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CL	999
CLAR	EQUI	Clarus Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	CLAR	999
CLAR	OPTN	Clarus Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	CLAR	999

## RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
CLB	EQUI	Core Laboratories Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CLB	999
CLB	OPTN	Core Laboratories Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CLB	999
CLBK	EQUI	COLUMBIA FINL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CLBK	999
CLBK	OPTN	Columbia Financial Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CLBK	999
CLBR	EQUI	COLOMBIER ACQUISITION CORP ICOM SHS CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	CLBR	999
CLBR	OPTN	COLOMBIER ACQUISITION CORP II CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	CLBR	999
CLBT	EQUI	Cellebrite DI Ltd. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	CLBT	999
CLBT	OPTN	Cellebrite DI Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	CLBT	999
CLDT	EQUI	CHATHAM LODGING TRCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CLDT	999
CLDT	OPTN	Chatham Lodging Trust	Yes	Yes	25.00	37.50	100	1.00	No	No	CLDT	999
CLDX	EQUI	Celldex Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CLDX	999
CLDX	OPTN	Celldex Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CLDX	999
1CLDX	OPTN	Celldex Therapeutics, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CLDX	999
CLF	EQUI	Cleveland-Cliffs Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CLF	999
CLF	OPTN	Cleveland-Cliffs Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CLF	999
1CLF	OPTN	Cleveland-Cliffs Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CLF	999
2CLF	OPTN	Cleveland-Cliffs Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CLF	999
CLFD	EQUI	CLEARFIELD INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CLFD	999
CLFD	OPTN	Clearfield, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CLFD	999
CLGN	EQUI	COLLPLANT BIOTECHNOLOGIES LTADS	Yes	Yes	0.00	0.00	1	1.00	No	No	CLGN	999
CLGN	OPTN	COLLPLANT BIOTECHNOLOGIES LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	CLGN	999
CLH	EQUI	CLEAN HARBORS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	CLH	999
CLH	OPTN	CLEAN HARBORS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CLH	999
CLIR	EQUI	ClearSign Technologies Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	CLIR	999
CLIR	OPTN	ClearSign Technologies Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	CLIR	999
CLIX	EQUI	PROSHARES TRLONG ONLINE SHRT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CLIX	999
CLIX	OPTN	PROSHARES LONG ONLINE SHORT STORES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CLIX	999
CLLS	EQUI	CELLECTIS S ASPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	CLLS	999
CLLS	OPTN	Collectis S.A. American Depositary Shares	Yes	Yes	25.00	37.50	100	1.00	No	No	CLLS	999
CLMT	EQUI	Calumet, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CLMT	999
CLMT	OPTN	Calumet, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CLMT	999
CLNE	EQUI	CLEAN ENERGY FUELS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CLNE	999
CLNE	OPTN	Clean Energy Fuels Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	CLNE	999
CLNN	EQUI	Clene Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	CLNN	999
CLNNW	WARR	Clene Inc (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	CLNN	999
CLDL	EQUI	DIREXION SHS ETF TRDAILY CLUD BUL2X	Yes	Yes	0.00	0.00	1	2.00	Yes	No	CLOU	999
CLOU	EQUI	GLOBAL X FDSCLLOUD COMPUTNG	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CLOU	999
CLDL	OPTN	DIREXION DAILY CLOUD COMPUTING BULL 2X SHARES	Yes	Yes	25.00	37.50	100	2.00	Yes	No	CLOU	999
CLOU	OPTN	GLOBAL X CLOUD COMPUTING	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CLOU	999
CLOV	EQUI	Clover Health Investments, Corporation Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	CLOV	999
CLOV	OPTN	Clover Health Investments, Corporation Class A	Yes	Yes	25.00	37.50	100	1.00	No	No	CLOV	999
2CLOV	OPTN	Clover Health Investments, Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CLOV	999
CLPR	EQUI	CLIPPER RLTY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CLPR	999
CLPR	OPTN	CLIPPER REALTY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CLPR	999
CLPS	EQUI	CLPS INCORPORATIONCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CLPS	999
CLPS	OPTN	CLPS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CLPS	999
CLPT	EQUI	CLEARPOINT NEURO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CLPT	999
CLPT	OPTN	CLEARPOINT NEURO INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CLPT	999
CLRB	EQUI	CELLECTAR BIOSCIENCES INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	CLRB	999
CLRB	OPTN	CELLECTAR BIOSCIENCES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CLRB	999

## RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
CLS	EQUI	CELESTICA INC	Yes	Yes	0.00	0.00	1	1.00	No	No	CLS	999
CLS	OPTN	CELESTICA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CLS	999
2CLS	OPTN	CELESTICA, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CLS	999
CLSD	EQUI	CLEARSIDE BIOMEDICAL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CLSD	999
CLSD	OPTN	Clearside Biomedical, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CLSD	999
CLSK	EQUI	CLEANSPARK INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	CLSK	999
CLSK	OPTN	CLEANSPARK, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CLSK	999
2CLSK	OPTN	CLEANSPARK, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CLSK	999
CLSKW	WARR	CLEANSPARK INCCOM NEW (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	CLSK	999
CLSM	EQUI	EXCHANGE LISTED FDS TRCABANA MODERATE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CLSM	999
CLVT	EQUI	Clarivate Plc	Yes	Yes	0.00	0.00	1	1.00	No	No	CLVT	999
CLVT	OPTN	Clarivate Plc	Yes	Yes	25.00	37.50	100	1.00	No	No	CLVT	999
CLW	EQUI	CLEARWATER PAPER CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CLW	999
CLW	OPTN	Clearwater Paper Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	CLW	999
CLX	EQUI	CLOROX CO DEL	Yes	Yes	0.00	0.00	1	1.00	No	No	CLX	999
CLX	OPTN	CLOROX CO	Yes	Yes	25.00	37.50	100	1.00	No	No	CLX	999
CM	EQUI	CDN IMPERIAL BK OF COMMERCECOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CM	999
CM	OPTN	Canadian Imperial Bank of Commerce	Yes	Yes	25.00	37.50	100	1.00	No	No	CM	999
1CM	OPTN	Canadian Imperial Bank of Commerce (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CM	999
2CM	OPTN	Canadian Imperial Bank of Commerce (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CM	999
CMA	EQUI	COMERICA INC	Yes	Yes	0.00	0.00	1	1.00	No	No	CMA	999
CMA	OPTN	COMERICA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CMA	999
CMBM	EQUI	CAMBIUM NETWORKS CORPSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	CMBM	999
CMBM	OPTN	CAMBIUM NETWORKS CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	CMBM	999
CMBS	EQUI	ISHARES TRCMBS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CMBS	999
CMBS	OPTN	ISHARES CMBS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CMBS	999
CMBT	EQUI	CMB.TECH NV	Yes	Yes	0.00	0.00	1	1.00	No	No	CMBT	999
CMBT	OPTN	CMB.TECH NV	Yes	Yes	25.00	37.50	100	1.00	No	No	CMBT	999
CMC	EQUI	COMMERCIAL METALS COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CMC	999
CMC	OPTN	COMMERCIAL METALS COMPANY	Yes	Yes	25.00	37.50	100	1.00	No	No	CMC	999
CMCL	EQUI	CALEDONIA MNG CORP PLCSHS NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	CMCL	999
CMCL	OPTN	CALEDONIA MINING CORPORATION PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	CMCL	999
CMCM	EQUI	CHEETAH MOBILE INCADR	Yes	Yes	0.00	0.00	1	1.00	No	No	CMCM	999
CMCM	OPTN	Cheetah Mobile Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CMCM	999
CMCO	EQUI	COLUMBUS MCKINNON CORP N YCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CMCO	999
CMCO	OPTN	Columbus McKinnon Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	CMCO	999
CMCSA	EQUI	COMCAST CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	CMCSA	999
CMCSA	OPTN	COMCAST CORPORATION CLASS	Yes	Yes	25.00	37.50	100	1.00	No	No	CMCSA	999
1CMCSA	OPTN	COMCAST CORPORATION CLASS (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CMCSA	999
2CMCSA	OPTN	COMCAST CORP SPECIAL CLA (EUR/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CMCSA	999
CMCT	EQUI	Creative Media & Community Trust Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	CMCT	999
CMCT	OPTN	Creative Media & Community Trust Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	CMCT	999
CMCT1	OPTN	Creative Media & Community Trust Corporation(1:10)	Yes	Yes	25.00	37.50	100	1.00	No	No	CMCT	999
CMDY	EQUI	ISHARES U S ETF TRBLOOMBERG ROLL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CMDY	999
CMDY	OPTN	ISHARES BLOOMBERG ROLL SELECT COMMODITY	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CMDY	999
CME	EQUI	CME Group Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	CME	999
CME	OPTN	CME Group Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CME	999
2CME	OPTN	CME Group Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CME	999
CMG	EQUI	Chipotle Mexican Grill Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	CMG	999
CMG	OPTN	Chipotle Mexican Grill Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CMG	999

**RBH/CPM Included Products**

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2CMG	OPTN	Chipotle Mexican Grill Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CMG	999
CMI	EQUI	CUMMINS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CMI	999
CMI	OPTN	CUMMINS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CMI	999
2CMI	OPTN	CUMMINS INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CMI	999
CMLS	EQUI	CUMULUS MEDIA INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	CMLS	999
CMLS	OPTN	CUMULUS MEDIA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CMLS	999
CMP	EQUI	COMPASS MINERALS INTL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CMP	999
CMP	OPTN	Compass Minerals International, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CMP	999
CMPO	EQUI	CompoSecure, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CMPO	999
CMPO	OPTN	COMPOSECURE, INC. CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	CMPO	999
CMPO1	OPTN	COMPOSECURE, INC. CLASS A (Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	CMPO	999
CMPOW	WARR	CompoSecure, Inc.(Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	CMPO	999
CMPR	EQUI	Cimpres PLC	Yes	Yes	0.00	0.00	1	1.00	No	No	CMPR	999
CMPR	OPTN	Cimpres PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	CMPR	999
1CMPR	OPTN	Cimpres PLC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CMPR	999
CMPS	EQUI	COMPASS PATHWAYS PLCSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	CMPS	999
CMPS	OPTN	COMPASS PATHWAYS PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	CMPS	999
CMPX	EQUI	COMPASS THERAPEUTICS, INC.	Yes	Yes	0.00	0.00	1	1.00	No	No	CMPX	999
CMPX	OPTN	COMPASS THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CMPX	999
CMRE	EQUI	COSTAMARE INCSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	CMRE	999
CMRE	OPTN	Costamare, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CMRE	999
CMRX	EQUI	CHIMERIX INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CMRX	999
CMRX	OPTN	Chimerix, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CMRX	999
CMS	EQUI	CMS ENERGY CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	CMS	999
CMS	OPTN	CMS ENERGY CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	CMS	999
1CMS	OPTN	CMS ENERGY CORPORATION (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CMS	999
2CMS	OPTN	CMS ENERGY CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CMS	999
CMTG	EQUI	CLAROS MTG TR INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	CMTG	999
CMTG	OPTN	CLAROS MORTGAGE TRUST, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CMTG	999
1CMTG	OPTN	CLAROS MORTGAGE TRUST, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CMTG	999
CMTL	EQUI	COMTECH TELECOMMUNICATIONS C	Yes	Yes	0.00	0.00	1	1.00	No	No	CMTL	999
CMTL	OPTN	COMTECH TELECOMMUNICATION	Yes	Yes	25.00	37.50	100	1.00	No	No	CMTL	999
CNA	EQUI	CNA FINL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	CNA	999
CNA	OPTN	CNA FINANCIAL CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	CNA	999
CNBS	EQUI	AMPLIFY ETF TRSEYMOUR CANNBS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CNBS	999
CNBS	OPTN	AMPLIFY SEYMOUR CANNABIS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CNBS	999
CNBS1	OPTN	AMPLIFY SEYMOUR CANNABIS ETF (1:12 R Split)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CNBS	999
CNC	EQUI	CENTENE CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	CNC	999
CNC	OPTN	CENTENE CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	CNC	999
2CNC	OPTN	CENTENE CORP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CNC	999
CNDT	EQUI	CONDUENT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CNDT	999
CNDT	OPTN	Conduent Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CNDT	999
CNH	EQUI	CNH Industrial N.V.	Yes	Yes	0.00	0.00	1	1.00	No	No	CNHI	999
CNH	OPTN	CNH Industrial N.V.	Yes	Yes	25.00	37.50	100	1.00	No	No	CNHI	999
2CNH	OPTN	CNH Industrial N.V. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CNHI	999
CNI	EQUI	CANADIAN NATL RY COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CNI	999
CNI	OPTN	CANADIAN NATIONAL RAILWAY	Yes	Yes	25.00	37.50	100	1.00	No	No	CNI	999
2CNI	OPTN	CANADIAN NATIONAL RAILWAY (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CNI	999
CNK	EQUI	CINEMARK HOLDINGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CNK	999
CNK	OPTN	Cinemark Holdings Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CNK	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
2CNK	OPTN	Cinemark Holdings Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CNK	999
CNM	EQUI	CORE & MAIN INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	CNM	999
CNM	OPTN	CORE & MAIN INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CNM	999
2CNM	OPTN	CORE & MAIN INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CNM	999
CNMD	EQUI	CONMED CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	CNMD	999
CNMD	OPTN	CONMED CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	CNMD	999
CNNE	EQUI	Cannae Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CNNE	999
CNNE	OPTN	Cannae Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CNNE	999
CNO	EQUI	CNO Financial Group, Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	CNO	999
CNO	OPTN	CNO Financial Group, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CNO	999
CNOB	EQUI	CONNECTONE BANCORP INC NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CNOB	999
CNOB	OPTN	ConnectOne Bancorp Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CNOB	999
CNP	EQUI	CENTERPOINT ENERGY, INC.	Yes	Yes	0.00	0.00	1	1.00	No	No	CNP	999
CNP	OPTN	CENTERPOINT ENERGY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CNP	999
1CNP	OPTN	CENTERPOINT ENERGY, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CNP	999
CNQ	EQUI	CANADIAN NAT RES LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CNQ	999
CNQ	OPTN	CANADIAN NATURAL RESOURCES LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	CNQ	999
2CNQ	OPTN	CANADIAN NATURAL RESOURCES LIMITED (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CNQ	999
CNR	EQUI	Core Natural Resources, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CNR	999
CNR	OPTN	Core Natural Resources, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CNR	999
CNR1	OPTN	Arch Resources, Inc. (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	CNR	999
CNRG	EQUI	SPDR SER TRS&P KENSHO CLEAN	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CNRG	999
CNS	EQUI	COHEN & STEERS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CNS	999
CNS	OPTN	Cohen & Steers Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CNS	999
CNTA	EQUI	CENTESEA PHARMACEUTICALS PLCSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	CNTA	999
CNTA	OPTN	CENTESEA PHARMACEUTICALS PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	CNTA	999
1CNTA	OPTN	CENTESEA PHARMACEUTICALS PLC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CNTA	999
CNTB	EQUI	CONNECT BIOPHARMA HLDGS LTDADS	Yes	Yes	0.00	0.00	1	1.00	No	No	CNTB	999
CNTB	OPTN	CONNECT BIOPHARMA HOLDINGS LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	CNTB	999
CNTY	EQUI	CENTURY CASINOS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CNTY	999
CNTY	OPTN	Century Casinos Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CNTY	999
CNVS	EQUI	CINEVERSE CORPCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	CNVS	999
CNVS	OPTN	CINEVERSE CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	CNVS	999
CNX	EQUI	CNX Resources Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	CNX	999
CNX	OPTN	CNX Resources Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	CNX	999
2CNX	OPTN	CNX Resources Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CNX	999
CNXC	EQUI	CONCENTRIX CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CNXC	999
CNXC	OPTN	CONCENTRIX CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	CNXC	999
CNXN	EQUI	P C CONNECTIONCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CNXN	999
CNXN	OPTN	PC Connection Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CNXN	999
CNXT	EQUI	VanEck ChiNext ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CNXT	999
CNXT	OPTN	VanEck ChiNext ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CNXT	999
CNXX	EQUI	CONX CORPCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	CNXX	999
CNXXW	WARR	CONX CORP. CLASS A (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	CNXX	999
CNYA	EQUI	iShare NSCI China A ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CNYA	999
CNYA	OPTN	iShare MSCI China A ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CNYA	999
COCO	EQUI	VITA COCO CO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	COCO	999
COCO	OPTN	VITA COCO COMPANY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	COCO	999
CODI	EQUI	Compass Diversified	Yes	Yes	0.00	0.00	1	1.00	No	No	CODI	999
CODI	OPTN	Compass Diversified	Yes	Yes	25.00	37.50	100	1.00	No	No	CODI	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
CODX	EQUI	CO DIAGNOSTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CODX	999
CODX	OPTN	CO-DIAGNOSTICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CODX	999
COF	EQUI	CAPITAL ONE FINL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	COF	999
COF	OPTN	CAPITAL ONE FINANCIAL	Yes	Yes	25.00	37.50	100	1.00	No	No	COF	999
1COF	OPTN	CAPITAL ONE FINANCIAL (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	COF	999
2COF	OPTN	CAPITAL ONE FINANCIAL (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	COF	999
COGT	EQUI	COGENT BIOSCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	COGT	999
COGT	OPTN	COGENT BIOSCIENCES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	COGT	999
COHR	EQUI	Coherent Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	COHR	999
COHR	OPTN	Coherent Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	COHR	999
2COHR	OPTN	Coherent Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	COHR	999
COHU	EQUI	COHU INC	Yes	Yes	0.00	0.00	1	1.00	No	No	COHU	999
COHU	OPTN	COHU, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	COHU	999
COIN	EQUI	COINBASE GLOBAL INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	COIN	999
COIN	OPTN	COINBASE GLOBAL, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	COIN	999
1COIN	OPTN	COINBASE GLOBAL, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	COIN	999
2COIN	OPTN	COINBASE GLOBAL, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	COIN	999
COIW	EQUI	ROUNDHILL ETF TRUSTCOIN WEEKLYPAY E	Yes	Yes	0.00	0.00	1	1.20	Yes	No	COIW	999
COIW	OPTN	ROUNDHILL COIN WEEKLYPAY ETF	Yes	Yes	25.00	37.50	100	1.20	Yes	No	COIW	999
COLB	EQUI	COLUMBIA BKG SYS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	COLB	999
COLB	OPTN	Columbia Banking System, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	COLB	999
2COLB	OPTN	Columbia Banking System, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	COLB	999
COLD	EQUI	Americold Realty Trust, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	COLD	999
COLD	OPTN	Americold Realty Trust, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	COLD	999
COLL	EQUI	COLLEGIUM PHARMACEUTICAL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	COLL	999
COLL	OPTN	Collegium Pharmaceutical Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	COLL	999
COLM	EQUI	COLUMBIA SPORTSWEAR COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	COLM	999
COLM	OPTN	COLUMBIA SPORTWEAR CO.	Yes	Yes	25.00	37.50	100	1.00	No	No	COLM	999
COM	EQUI	DIREXION SHS ETF TRAUSPCE CMD STG	Yes	Yes	0.00	0.00	1	1.00	Yes	No	COM	999
COM	OPTN	DIREXION AUSPICE BROAD COMMODITY STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	COM	999
COMB	EQUI	GRANITESHARES ETF TRBBG COMMD K 1	Yes	Yes	0.00	0.00	1	1.00	Yes	No	COMB	999
COMB	OPTN	GRANITESHARES BLOOMBERG COMMODITY BROAD	Yes	Yes	25.00	37.50	100	1.00	Yes	No	COMB	999
COMM	EQUI	COMMSCOPE HLDG CO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	COMM	999
COMM	OPTN	CommScope Holding Co Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	COMM	999
COMP	EQUI	COMPASS INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	COMP	999
COMP	OPTN	COMPASS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	COMP	999
COMS	EQUI	COMSovereign Holding Corp.	Yes	Yes	0.00	0.00	1	1.00	No	No	COMS	999
COMSW	WARR	COMSovereign Holding Corp. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	COMS	999
COMT	EQUI	ISHARES U S ETF TRGSCI CMDTY STGY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	COMT	999
COMT	OPTN	ISHARES U.S. ETF TRUST GSCI COMMODITY DYNAMIC ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	COMT	999
CON	EQUI	CONCENTRA GROUP HOLDINGS PARCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	CON	999
CON	OPTN	CONCENTRA GROUP HOLDINGS PARENT, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CON	999
CONI	EQUI	GRANITESHARES ETF TR1X SHORT COIN	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	CONI	999
CONI	OPTN	GRANITESHARES 1X SHORT COIN DAILY ETF	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	CONI	999
CONL	EQUI	GraniteShares ETF Trust GraniteShares 2x Long COIN	Yes	Yes	0.00	0.00	1	2.00	Yes	No	CONL	999
CONL	OPTN	GraniteShares ETF Trust GraniteShares 2x Long COIN	Yes	Yes	25.00	37.50	100	2.00	Yes	No	CONL	999
CONY	EQUI	TIDAL ETF TR IYIELDMAX COIN OP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CONY	999
CONY	OPTN	YIELDMAX COIN OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CONY	999
COO	EQUI	COOPER COS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	COO	999
COO	OPTN	Cooper Companies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	COO	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
COOK	EQUI	TRAEGER INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	COOK	999
COOK	OPTN	TRAEGER, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	COOK	999
COOP	EQUI	Mr. Cooper Group Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	COOP	999
COOP	OPTN	MR. COOPER GROUP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	COOP	999
COP	EQUI	CONOCOPHILLIPS PETROLEUM	Yes	Yes	0.00	0.00	1	1.00	No	No	COP	999
COP	OPTN	CONOCOPHILLIPS	Yes	Yes	25.00	37.50	100	1.00	No	No	COP	999
COP1	OPTN	MARATHON OIL CORP (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	COP	999
1COP	OPTN	CONOCOPHILLIPS (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	COP	999
2COP	OPTN	CONOCOPHILLIPS (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	COP	999
2COP1	OPTN	MARATHON OIL CORP (EURO/FLEX)(Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	COP	999
COPX	EQUI	GLOBAL X FDSGLOBAL X COPPER	Yes	Yes	0.00	0.00	1	1.00	Yes	No	COPX	999
COPX	OPTN	GLOBAL X COPPER MINERS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	COPX	999
COR	EQUI	Cencora, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	COR	999
COR	OPTN	Cencora, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	COR	999
2COR	OPTN	Cencora, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	COR	999
CORN	EQUI	TEUCRIUM COMMODITY TRCORN FD SHS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CORN	999
CORN	OPTN	Teucrium Commodity Trust Corn Fund Shares ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CORN	999
CORP	EQUI	PIMCO INV GRD CRP BD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CORP	999
CORT	EQUI	Corcept Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CORT	999
CORT	OPTN	Corcept Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CORT	999
CORZ	EQUI	Core Scientific, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CORZ	999
CORQ1	OPTN	Core Scientific, Inc. (Bankruptcy)	Yes	Yes	25.00	37.50	100	1.00	No	No	CORZ	999
CORZ	OPTN	CORE SCIENTIFIC, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CORZ	999
1CORZ	OPTN	CORE SCIENTIFIC, INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CORZ	999
CORZW	WARR	Core Scientific Inc (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	CORZ	999
CORZZ	WARR	Core Scientific Inc (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	CORZ	999
COSM	EQUI	COSMOS HEALTH INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	COSM	999
COSM	OPTN	COSMOS HOLDINGS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	COSM	999
COST	EQUI	COSTCO WHOLESALE CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	COST	999
COST	OPTN	COSTCO COMPANIES	Yes	Yes	25.00	37.50	100	1.00	No	No	COST	999
2COST	OPTN	COSTCO COMPANIES (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	COST	999
COTY	EQUI	COTY INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	COTY	999
COTY	OPTN	Coty Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	COTY	999
COUR	EQUI	COURSERA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	COUR	999
COUR	OPTN	COURSERA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	COUR	999
COWT	EQUI	BARCLAYS BANK PLCETN DJUBSLVSTK37	Yes	No	0.00		1	1.00	No	Yes	COW	999
COWS	EQUI	AMPLIFY ETF TRCASH FLOW DIVID	Yes	Yes	0.00	0.00	1	1.00	Yes	No	COWS	999
COWS	OPTN	AMPLIFY CASH FLOW DIVIDEND LEADERS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	COWS	999
COWZ	EQUI	PACER US CASH COWS 100 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	COWZ	999
COWZ	OPTN	PACER US CASH COWS 100 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	COWZ	999
CP	EQUI	Canadian Pacific Kansas City Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	CP	999
CP	OPTN	Canadian Pacific Kansas City Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	CP	999
2CP	OPTN	Canadian Pacific Kansas City Limited (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CP	999
CPA	EQUI	COPA HOLDINGS SA CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	CPA	999
CPA	OPTN	Copa Holdings SA	Yes	Yes	25.00	37.50	100	1.00	No	No	CPA	999
CPB	EQUI	The Campbell's Company	Yes	Yes	0.00	0.00	1	1.00	No	No	CPB	999
CPB	OPTN	The Campbell's Company	Yes	Yes	25.00	37.50	100	1.00	No	No	CPB	999
1CPB	OPTN	The Campbell's Company (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CPB	999
2CPB	OPTN	The Campbell's Company (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CPB	999
CPER	EQUI	UNITED STS COMMODITY IDX FDTCM REP COPP FD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CPER	999



**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
CPER	OPTN	UNITED STATES COPPER INDEX FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CPER	999
CPF	EQUI	CENTRAL PAC FINL CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CPF	999
CPF	OPTN	Central Pacific Financial Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	CPF	999
CPII	EQUI	TIDAL ETF TRIONIC INFLATION	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CPII	999
CPII	OPTN	IONIC INFLATION PROTECTION ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CPII	999
CPIX	EQUI	CUMBERLAND PHARMACEUTICALS ICOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CPIX	999
CPIX	OPTN	CUMBERLAND PHARMACEUTICALS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CPIX	999
CPK	EQUI	Chesapeake Utilities Corp	Yes	Yes	0.00	0.00	1	1.00	No	No	CPK	999
CPK	OPTN	Chesapeake Utilities Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	CPK	999
CPNG	EQUI	COUPANG INCCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	CPNG	999
CPNG	OPTN	COUPANG INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CPNG	999
2CPNG	OPTN	COUPANG INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CPNG	999
CPRI	EQUI	Capri Holdings Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	CPRI	999
CPRI	OPTN	Capri Holdings Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	CPRI	999
CPRT	EQUI	COPART INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CPRT	999
CPRT	OPTN	COPART INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CPRT	999
CPRX	EQUI	Catalyst Pharmaceuticals, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CPRX	999
CPRX	OPTN	Catalyst Pharmaceuticals, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CPRX	999
CPS	EQUI	COOPER STD HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CPS	999
CPS	OPTN	Cooper-Standard Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CPS	999
CPSH	EQUI	CPS TECHNOLOGIES CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CPSH	999
CPSH	OPTN	CPS TECHNOLOGIES CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	CPSH	999
CPSS	EQUI	CONSUMER PORTFOLIO SVCS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CPSS	999
CPSS	OPTN	Consumer Portfolio Services Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CPSS	999
CPT	EQUI	CAMDEN PPTY TR	Yes	Yes	0.00	0.00	1	1.00	No	No	CPT	999
CPT	OPTN	Camden Property Trust	Yes	Yes	25.00	37.50	100	1.00	No	No	CPT	999
CPXR	EQUI	TIDAL TRUST IIIUSCF DLY TRGT 2X	Yes	Yes	0.00	0.00	1	2.00	Yes	No	CPXR	999
CPXR	OPTN	USCF DAILY TARGET 2X COPPER INDEX ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	CPXR	999
CQP	EQUI	CHENIERE ENERGY PARTNERS LPCOM UNIT	Yes	Yes	0.00	0.00	1	1.00	No	No	CQP	999
CQP	OPTN	Cheniere Energy Ptnrs L.P.	Yes	Yes	25.00	37.50	100	1.00	No	No	CQP	999
CQQQ	EQUI	INVESCO EXCH TRADED FD TR IICHINA TECHN LGY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CQQQ	999
CQQQ	OPTN	INVESCO CHINA TECHNOLOGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CQQQ	999
CR	EQUI	CRANE COMPANYCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	CR	999
CR	OPTN	Crane Holdings, Co.	Yes	Yes	25.00	37.50	100	1.00	No	No	CR	999
CRAI	EQUI	CRA INTL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CRAI	999
CRAI	OPTN	CRA International, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CRAI	999
CRAK	EQUI	VanEck Oil Refiners ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CRAK	999
CRAK	OPTN	VanEck Oil Refiners ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CRAK	999
CRBG	EQUI	COREBRIDGE FINL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CRBG	999
CRBG	OPTN	COREBRIDGE FINANCIAL INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CRBG	999
CRBP	EQUI	CORBUS PHARMACEUTICALS HLDGSCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CRBP	999
CRBP	OPTN	CORBUS PHARMACEUTICALS HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CRBP	999
CRBU	EQUI	CARIBOU BIOSCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CRBU	999
CRBU	OPTN	CARIBOU BIOSCIENCES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CRBU	999
CRC	EQUI	CALIFORNIA RES CORPCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	CRC	999
CRC	OPTN	CALIFORNIA RESOURCES CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	CRC	999
CRCT	EQUI	CRICUT INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	CRCT	999
CRCT	OPTN	CRICUT, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CRCT	999
CRDA	EQUI	CRAWFORD & CO	Yes	Yes	0.00	0.00	1	1.00	No	No	CRDA	999
CRDA	OPTN	Crawford & Company	Yes	Yes	25.00	37.50	100	1.00	No	No	CRDA	999

## RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
CRDF	EQUI	CARDIFF ONCOLOGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CRDF	999
CRDF	OPTN	CARDIFF ONCOLOGY INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CRDF	999
CRDL	EQUI	CARDIOL THERAPEUTICS INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	CRDL	999
CRDL	OPTN	CARDIOL THERAPEUTICS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CRDL	999
CRDO	EQUI	CREDO TECHNOLOGY GROUP HOLDIORDINARY SHARES	Yes	Yes	0.00	0.00	1	1.00	No	No	CRDO	999
CRDO	OPTN	CREDO TECHNOLOGY GROUP HOLDING LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	CRDO	999
CRESY	EQUI	Cresud Sociedad Anonima Comer Inmobiliaria, Finaci	Yes	Yes	0.00	0.00	1	1.00	No	No	CRESY	999
CRESY	OPTN	Cresud Sociedad Anonima Comer Inmobiliaria, Finaci	Yes	Yes	25.00	37.50	100	1.00	No	No	CRESY	999
CRGX	EQUI	CARGO THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CRGX	999
CRGX	OPTN	CARGO THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CRGX	999
CRGY	EQUI	Crescent Energy Company	Yes	Yes	0.00	0.00	1	1.00	No	No	CRGY	999
CRGY	OPTN	CRESCENT ENERGY COMPANY	Yes	Yes	25.00	37.50	100	1.00	No	No	CRGY	999
CRH	EQUI	CRH Public Limited Company	Yes	Yes	0.00	0.00	1	1.00	No	No	CRH	999
CRH	OPTN	CRH Public Limited Company	Yes	Yes	25.00	37.50	100	1.00	No	No	CRH	999
2CRH	OPTN	CRH Public Limited Company (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CRH	999
CRI	EQUI	CARTER INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CRI	999
CRI	OPTN	CARTER'S , INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CRI	999
CRIT	EQUI	EXCHANGE TRADED CONCEPTS TROPTICA RARE EART	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CRIT	999
CRIT	OPTN	OPTICA RARE EARTHS & CRITICAL MATERIALS ETF OPTICA	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CRIT	999
CRK	EQUI	COMSTOCK RES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	CRK	999
CRK	OPTN	COMSTOCK RESOURCES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CRK	999
CRL	EQUI	CHARLES RIV LABS INTL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CRL	999
CRL	OPTN	CHARLES RIVER LABS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CRL	999
2CRL	OPTN	CHARLES RIVER LABS INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CRL	999
CRM	EQUI	Salesforce, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CRM	999
CRM	OPTN	Salesforce, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CRM	999
1CRM	OPTN	Salesforce, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CRM	999
2CRM	OPTN	Salesforce, Inc. (Euro/Flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	CRM	999
CRMD	EQUI	CorMedix Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	CRMD	999
CRMD	OPTN	CorMedix Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CRMD	999
CRNC	EQUI	CERENCE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CRNC	999
CRNC	OPTN	CERENCE INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CRNC	999
CRNT	EQUI	CERAGON NETWORKS LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	CRNT	999
CRNT	OPTN	Ceragon Networks Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	CRNT	999
CRNX	EQUI	CRINETICS PHARMACEUTICALS INCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CRNX	999
CRNX	OPTN	CRINETICS PHARMACEUTICALS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CRNX	999
1CRNX	OPTN	CRINETICS PHARMACEUTICALS INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CRNX	999
CRON	EQUI	CRONOS GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CRON	999
CRON	OPTN	Cronos Group Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CRON	999
CROX	EQUI	CROCS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CROX	999
CROX	OPTN	CROCS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CROX	999
2CROX	OPTN	CROCS INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CROX	999
CRPT	EQUI	FIRST TR EXCHNG TRADED FD VISKYBRIDGE CRYPTO	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CRPT	999
CRPT	OPTN	FIRST TRUST SKYBRIDGE CRYPTO INDUSTRY AND DIGITAL	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CRPT	999
CRS	EQUI	CARPENTER TECHNOLOGY CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	CRS	999
CRS	OPTN	CARPENTER TECHNOLOGY CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	CRS	999
CRSH	EQUI	TIDAL TR IYIELDMAX SHORT T	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	CRSH	999
CRSH	OPTN	YIELDMAX SHORT TSLA OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	CRSH	999
CRSP	EQUI	CRISPR Therapeutics AG	Yes	Yes	0.00	0.00	1	1.00	No	No	CRSP	999
CRSP	OPTN	CRISPR Therapeutics AG	Yes	Yes	25.00	37.50	100	1.00	No	No	CRSP	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
CRSR	EQUI	CORSAIR GAMING INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CRSR	999
CRSR	OPTN	CORSAIR GAMING, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CRSR	999
CRTC	EQUI	DBX ETF TRXTRACKERS US NAT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CRTC	999
CRTC	OPTN	XTRACKERS US NATIONAL CRITICAL TECHNOLOGIES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CRTC	999
CRTD	EQUI	CREATD INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CRTD	999
CRTDW	WARR	CREATD, INC. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	CRTD	999
CRTO	EQUI	CRITEO S ASPONS ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	CRTO	999
CRTO	OPTN	Criteo SA	Yes	Yes	25.00	37.50	100	1.00	No	No	CRTO	999
CRUS	EQUI	CIRRUS LOGIC INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CRUS	999
CRUS	OPTN	CIRRUS LOGIC, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CRUS	999
CRUZ	EQUI	ETF SER SOLUTIONSDEFIANCE HTL AIR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CRUZ	999
CRUZ	OPTN	DEFIANCE HOTEL AIRLINE AND CRUISE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CRUZ	999
CRVL	EQUI	CORVEL CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CRVL	999
CRVL	OPTN	CorVel Corp. Common Stock	Yes	Yes	25.00	37.50	100	1.00	No	No	CRVL	999
CRVS	EQUI	CORVUS PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CRVS	999
CRVS	OPTN	CORVUS PHARMACEUTICALS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CRVS	999
1CRVS	OPTN	CORVUS PHARMACEUTICALS INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CRVS	999
CRWD	EQUI	CROWDSTRIKE HLDGS INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	CRWD	999
CRWD	OPTN	CROWDSTRIKE HOLDINGS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CRWD	999
1CRWD	OPTN	CROWDSTRIKE HOLDINGS INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CRWD	999
2CRWD	OPTN	CROWDSTRIKE HOLDINGS INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CRWD	999
CRWL	EQUI	GRANITESHARES ETF TR2X LONG CRWD DAI	Yes	Yes	0.00	0.00	1	2.00	Yes	No	CRWL	999
CRWL	OPTN	GRANITESHARES 2X LONG CRWD DAILY ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	CRWL	999
CRWS	EQUI	CROWN CRAFTS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CRWS	999
CRWS	OPTN	Crown Crafts, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CRWS	999
CRWV	EQUI	COREWEAVE, INC. CLASS A COMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	CRWV	999
CRWV	OPTN	COREWEAVE, INC. CLASS A COMMON STOCK	Yes	Yes	25.00	37.50	100	1.00	No	No	CRWV	999
CSA	EQUI	VICTORY PORTFOLIOS IIVCSHS US SML CAP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CSA	999
CSB	EQUI	VICTORY PORTFOLIOS IIVCSHS US SMCP HG	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CSB	999
CSB	OPTN	VICTORYSHARES US SMALL CAP HIGH DIVIDEND VOL	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CSB	999
CSBR	EQUI	CHAMPIONS ONCOLOGY INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	CSBR	999
CSBR	OPTN	CHAMPIONS ONCOLOGY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CSBR	999
CSCO	EQUI	CISCO SYS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CSCO	999
CSCO	OPTN	CISCO SYSTEMS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CSCO	999
1CSCO	OPTN	CISCO SYSTEMS, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CSCO	999
2CSCO	OPTN	CISCO SYSTEMS, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CSCO	999
CSD	EQUI	Invesco S&P Spin-Off ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CSD	999
CSD	OPTN	Invesco S&P Spin-Off ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CSD	999
CSGP	EQUI	COSTAR GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CSGP	999
CSGP	OPTN	COSTAR GROUP	Yes	Yes	25.00	37.50	100	1.00	No	No	CSGP	999
CSGP1	OPTN	Matterport, Inc. (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	CSGP	999
1CSGP	OPTN	COSTAR GROUP (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CSGP	999
2CSGP	OPTN	COSTAR GROUP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CSGP	999
CSGS	EQUI	CSG SYSTEMS INTL INC	Yes	Yes	0.00	0.00	1	1.00	No	No	CSGS	999
CSGS	OPTN	CSG SYSTEMS INTL INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CSGS	999
CSIQ	EQUI	CANADIAN SOLAR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CSIQ	999
CSIQ	OPTN	Canadian Solar Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CSIQ	999
CSL	EQUI	CARLISLE COS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	CSL	999
CSL	OPTN	CARLISLE COMPANES INCORPORATED	Yes	Yes	25.00	37.50	100	1.00	No	No	CSL	999
CSM	EQUI	PROSHARES TRPSHS LC COR PLUS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CSM	999

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CSM	OPTN	PROSHARES LARGE CAP CORE PLUS	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CSM	999
CSR	EQUI	Centerspace	Yes	Yes	0.00	0.00	1	1.00	No	No	CSR	999
CSR	OPTN	Centerspace	Yes	Yes	25.00	37.50	100	1.00	No	No	CSR	999
CSTE	EQUI	Caesarstone Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	CSTE	999
CSTE	OPTN	Caesarstone Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	CSTE	999
CSTL	EQUI	CASTLE BIOSCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CSTL	999
CSTL	OPTN	CASTLE BIOSCIENCES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CSTL	999
CSTM	EQUI	Constellium SE	Yes	Yes	0.00	0.00	1	1.00	No	No	CSTM	999
CSTM	OPTN	Constellium SE	Yes	Yes	25.00	37.50	100	1.00	No	No	CSTM	999
CSV	EQUI	CARRIAGE SVCS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CSV	999
CSV	OPTN	Carriage Services Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CSV	999
CSWC	EQUI	CAPITAL SOUTHWEST CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CSWC	999
CSWC	OPTN	Capital Southwest Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	CSWC	999
CSWI	EQUI	CSW INDUSTRIALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CSWI	999
CSWI	OPTN	CSW INDUSTRIALS INC COM	Yes	Yes	25.00	37.50	100	1.00	No	No	CSWI	999
CSX	EQUI	CSX CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	CSX	999
CSX	OPTN	CSX CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	CSX	999
2CSX	OPTN	CSX CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CSX	999
CTA	EQUI	SIMPLIFY EXCHANGE TRADED FUNMANAGED FUTURES	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CTA	999
CTA	OPTN	SIMPLIFY EXCHANGE TRADED FUNDS MANAGED FUTURES	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CTA	999
CTAS	EQUI	CINTAS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CTAS	999
CTAS	OPTN	CINTAS CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	CTAS	999
2CTAS	OPTN	CINTAS CORP. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CTAS	999
CTBI	EQUI	COMMUNITY TR BANCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CTBI	999
CTBI	OPTN	Community Trust Bancorp Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CTBI	999
CTEC	EQUI	GLOBAL X FDSCLEANTECH ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CTEC	999
CTEC	OPTN	GLOBAL X CLEANTECH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CTEC	999
CTEV	EQUI	Claritev Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	CTEV	999
CTEV	OPTN	Claritev Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	CTEV	999
CTEV1	OPTN	Claritev Corporation (1:40 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	CTEV	999
MPLNW	WARR	Multiplan Corporation (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	CTEV	999
CTEX	EQUI	PROSHARES TRS&P KENSHO CLEA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CTEX	999
CTEX	OPTN	PROSHARES S&P KENSHO CLEANTECH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CTEX	999
CTKB	EQUI	CYTEK BIOSCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CTKB	999
CTKB	OPTN	CYTEK BIOSCIENCES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CTKB	999
CTLP	EQUI	Cantaloupe, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CTLP	999
CTLP	OPTN	Cantaloupe, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CTLP	999
CTMX	EQUI	CYTOMX THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CTMX	999
CTMX	OPTN	CytomX Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CTMX	999
CTO	EQUI	CTO RLTY GROWTH INC NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CTO	999
CTO	OPTN	CTO REALTY GROWTH INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CTO	999
CTOS	EQUI	Custom Truck One Source, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CTOS	999
CTOS	OPTN	Custom Truck One Source, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CTOS	999
CTRA	EQUI	Coterra Energy Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CTRA	999
CTRA	OPTN	Coterra Energy Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CTRA	999
2CTRA	OPTN	Coterra Energy Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CTRA	999
CTRE	EQUI	CARETRUST REIT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CTRE	999
CTRE	OPTN	CareTrust Reit, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CTRE	999
1CTRE	OPTN	CareTrust Reit, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CTRE	999
CTRI	EQUI	CENTURI HOLDINGS INCCOM SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	CTRI	999

## RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
CTRI	OPTN	CENTURI HOLDINGS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CTRI	999
CTRM	EQUI	CASTOR MARITIME INCSHS NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	CTRM	999
CTRM	OPTN	CASTOR MARITIME, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CTRM	999
CTRN	EQUI	CITI TRENDS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CTRN	999
CTRN	OPTN	Citi Trends, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CTRN	999
CTS	EQUI	CTS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CTS	999
CTS	OPTN	CTS Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	CTS	999
CTSH	EQUI	COGNIZANT TECHNOLOGY SOLUTIO	Yes	Yes	0.00	0.00	1	1.00	No	No	CTSH	999
CTSH	OPTN	COGNIZANT TECH. SOLUTIONS	Yes	Yes	25.00	37.50	100	1.00	No	No	CTSH	999
1CTSH	OPTN	COGNIZANT TECH. SOLUTIONS (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CTSH	999
2CTSH	OPTN	COGNIZANT TECH. SOLUTIONS (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CTSH	999
CTSO	EQUI	CYTOSORBENTS CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	CTSO	999
CTSO	OPTN	CytoSorbents Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	CTSO	999
CTVA	EQUI	CORTEVA INC	Yes	Yes	0.00	0.00	1	1.00	No	No	CTVA	999
CTVA	OPTN	CORTEVA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CTVA	999
2CTVA	OPTN	CORTEVA, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CTVA	999
CTXR	EQUI	CITIUS PHARMACEUTICALS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	CTXR	999
CTXR	OPTN	CITIUS PHARMACEUTICALS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CTXR	999
CTXR1	OPTN	CITIUS PHARMACEUTICALS INC (1:25 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	CTXR	999
CUBE	EQUI	CubeSmart	Yes	Yes	0.00	0.00	1	1.00	No	No	CUBE	999
CUBE	OPTN	CubeSmart	Yes	Yes	25.00	37.50	100	1.00	No	No	CUBE	999
2CUBE	OPTN	CubeSmart (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CUBE	999
CUBI	EQUI	CUSTOMERS BANCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CUBI	999
CUBI	OPTN	Customers Bancorp, Inc Common Stock	Yes	Yes	25.00	37.50	100	1.00	No	No	CUBI	999
CUE	EQUI	CUE BIOPHARMA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CUE	999
CUE	OPTN	CUE BIOPHARMA INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CUE	999
CUK	EQUI	P & O PRINCESS CRUISES PLC	Yes	Yes	0.00	0.00	1	1.00	No	No	CUK	999
CUK	OPTN	Carnival plc	Yes	Yes	25.00	37.50	100	1.00	No	No	CUK	999
CULP	EQUI	CULP INC	Yes	Yes	0.00	0.00	1	1.00	No	No	CULP	999
CULP	OPTN	Culp, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CULP	999
CURB	EQUI	Curblin Properties Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	CURB	999
CURB	OPTN	CURBLINE PROPERTIES CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	CURB	999
CURI	EQUI	CuriosityStream Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CURI	999
CURI	OPTN	CURIOSITYSTREAM INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CURI	999
CURIW	WARR	CURIOSITYSTREAM INC (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	CURI	999
CURV	EQUI	TORRID HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CURV	999
CURV	OPTN	TORRID HOLDINGS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CURV	999
CUT	EQUI	INVESCO EXCH TRADED FD TR IIMSCI GBL TIMBR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CUT	999
CUT	OPTN	INVESCO MSCI GLOBAL TIMBER ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CUT	999
CUTRQ	EQUI	Cutera, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CUTR	999
CUTRQ	OPTN	Cutera, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CUTR	999
CUZ	EQUI	COUSINS PPTYS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	CUZ	999
CUZ	OPTN	Cousins Properties Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CUZ	999
2CUZ	OPTN	Cousins Properties Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CUZ	999
CVAC	EQUI	CUREVAC N VCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CVAC	999
CVAC	OPTN	CUREVAC N.V.	Yes	Yes	25.00	37.50	100	1.00	No	No	CVAC	999
CVBF	EQUI	CVB FINL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	CVBF	999
CVBF	OPTN	CVB Financial Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	CVBF	999
CVCO	EQUI	Cavco Industries, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CVCO	999
CVCO	OPTN	Cavco Industries, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CVCO	999

## RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
CVE	EQUI	CENOVUS ENERGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CVE	999
CVE	OPTN	Cenovus Energy Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CVE	999
CVEWS	WARR	CENOVUS ENERGY INCCOM (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	CVE	999
CVEO	EQUI	CIVEO CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CVEO	999
CVEO	OPTN	Civeo Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	CVEO	999
CVGI	EQUI	Commercial Vehicle Group Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	CVGI	999
CVGI	OPTN	Commercial Vehicle Group Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CVGI	999
CVGW	EQUI	CALAVO GROWERS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CVGW	999
CVGW	OPTN	CALAVO GROWERS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	CVGW	999
CVI	EQUI	CVR ENERGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CVI	999
CVI	OPTN	CVR Energy, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CVI	999
CVIE	EQUI	MORGAN STANLEY ETF TRUSTCALVERT INTERNAT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CVIE	999
CVIE	OPTN	CALVERT INTERNATIONAL RESPONSIBLE INDEX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CVIE	999
CVLC	EQUI	MORGAN STANLEY ETF TRUSTCALVERT US LARCP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CVLC	999
CVLC	OPTN	CALVERT US LARGE-CAP CORE RESPONSIBLE INDEX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CVLC	999
CVLG	EQUI	Covenant Logistics Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CVLG	999
CVLG	OPTN	Covenant Logistics Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CVLG	999
CVLT	EQUI	COMMVAULT SYSTEMS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CVLT	999
CVLT	OPTN	Commvault Systems Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CVLT	999
CVM	EQUI	CEL SCI CORPORATION	Yes	Yes	0.00	0.00	1	1.00	No	No	CVM	999
CVM	OPTN	CEL SCI CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	CVM	999
CVMC	EQUI	MORGAN STANLEY ETF TRUSTCALVERT US MDCP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CVMC	999
CVMC	OPTN	CALVERT US MID-CAP CORE RESPONSIBLE INDEX	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CVMC	999
CVNA	EQUI	CARVANA COCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	CVNA	999
CVNA	OPTN	Carvana Company	Yes	Yes	25.00	37.50	100	1.00	No	No	CVNA	999
2CVNA	OPTN	Carvana Company (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CVNA	999
CVRX	EQUI	CVRX INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CVRX	999
CVRX	OPTN	CVRX, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CVRX	999
CVS	EQUI	CVS Health Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	CVS	999
CVS	OPTN	CVS Health Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	CVS	999
1CVS	OPTN	CVS Health Corporation (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CVS	999
2CVS	OPTN	CVS Health Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CVS	999
CVSE	EQUI	MORGAN STANLEY ETF TRUSTCALVERT US SEL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CVSE	999
CVSE	OPTN	CALVERT US SELECT EQUITY	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CVSE	999
CVU	EQUI	CPI Aerostructures, Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	CVU	999
CVU	OPTN	CPI AEROSTRUCTURES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CVU	999
CVX	EQUI	CHEVRON CORP NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CVX	999
CVX	OPTN	CHEVRON CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	CVX	999
1CVX	OPTN	CHEVRON CORP (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CVX	999
2CVX	OPTN	CHEVRON CORP (Euro Flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	CVX	999
CVY	EQUI	Invesco Zacks Multi-Asset Income ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CVY	999
CVY	OPTN	Invesco Zacks Multi-Asset Income ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CVY	999
CW	EQUI	CURTISS WRIGHT CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CW	999
CW	OPTN	Curtiss-Wright Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	CW	999
CWAN	EQUI	CLEARWATER ANALYTICS HLDGS ICL A	Yes	Yes	0.00	0.00	1	1.00	No	No	CWAN	999
CWAN	OPTN	CLEARWATER ANALYTICS HOLDINGS	Yes	Yes	25.00	37.50	100	1.00	No	No	CWAN	999
CWB	EQUI	SPDR Bloomberg Convertible Securities ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CWB	999
CWB	OPTN	SPDR Bloomberg Convertible Securities ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CWB	999
CWBC	EQUI	Community West Bancshares	Yes	Yes	0.00	0.00	1	1.00	No	No	CWBC	999
CWBC	OPTN	Community West Bancshares	Yes	Yes	25.00	37.50	100	1.00	No	No	CWBC	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
CWCO	EQUI	CONSOLIDATED WATER CO INCORD	Yes	Yes	0.00	0.00	1	1.00	No	No	CWCO	999
CWCO	OPTN	Consolidated Water Co. Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	CWCO	999
CWEN	EQUI	Clearway Energy, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CWEN	999
CWEN	OPTN	Clearway Energy, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CWEN	999
CWENA	EQUI	Clearway Energy, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	CWENA	999
CWENA	OPTN	Clearway Energy, Inc. Class A	Yes	Yes	25.00	37.50	100	1.00	No	No	CWENA	999
CWH	EQUI	CAMPING WORLD HLDGS INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	CWH	999
CWH	OPTN	Camping World Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CWH	999
CWK	EQUI	CUSHMAN WAKEFIELD PLCSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	CWK	999
CWK	OPTN	Cushman Wakefield Plc	Yes	Yes	25.00	37.50	100	1.00	No	No	CWK	999
CWS	EQUI	ADVISORSHARES TRADVISORSHS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CWS	999
CWS	OPTN	ADVISORSHARES FOCUSED EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CWS	999
CWST	EQUI	CASELLA WASTE SYS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	CWST	999
CWST	OPTN	CASELLA WASTE SYSTEMS	Yes	Yes	25.00	37.50	100	1.00	No	No	CWST	999
CWT	EQUI	CALIFORNIA WTR SVC GROUP	Yes	Yes	0.00	0.00	1	1.00	No	No	CWT	999
CWT	OPTN	California Water Service Group	Yes	Yes	25.00	37.50	100	1.00	No	No	CWT	999
CX	EQUI	CEMEX SAB DE CVSPON ADR NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	CX	999
CX	OPTN	Cemex SAB de CV	Yes	Yes	25.00	37.50	100	1.00	No	No	CX	999
CXAI	EQUI	CXAPP INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	CXAI	999
CXAI	OPTN	CXAPP INC. CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	CXAI	999
CXDO	EQUI	CREXENDO, INC.	Yes	Yes	0.00	0.00	1	1.00	No	No	CXDO	999
CXDO	OPTN	CREXENDO, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CXDO	999
CXM	EQUI	SPRINKLR INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	CXM	999
CXM	OPTN	SPRINKLR, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CXM	999
CXSE	EQUI	WISDOMTREE TRCHINADIV EX FI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CXSE	999
CXSE	OPTN	WISDOMTREE CHINA EX-STATE-OWNED ENTERPRISES	Yes	Yes	25.00	37.50	100	1.00	Yes	No	CXSE	999
CXT	EQUI	Crane NXT, Co.	Yes	Yes	0.00	0.00	1	1.00	No	No	CXT	999
CXT	OPTN	Crane NXT, Co.	Yes	Yes	25.00	37.50	100	1.00	No	No	CXT	999
CXW	EQUI	CoreCivic, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CXW	999
CXW	OPTN	CoreCivic, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	CXW	999
CYBN	EQUI	CYBIN INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	CYBN	999
CYBN	OPTN	CYBIN, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CYBN	999
CYBR	EQUI	CYBERARK SOFTWARE LTDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	CYBR	999
CYBR	OPTN	CyberArk Software Ltd/Israel	Yes	Yes	25.00	37.50	100	1.00	No	No	CYBR	999
2CYBR	OPTN	CyberArk Software Ltd/Israel (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CYBR	999
CYD	EQUI	CHINA YUCHAI INTL LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	CYD	999
CYD	OPTN	CHINA YUCHAI INTERNATIONAL LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	CYD	999
CYH	EQUI	COMMUNITY HEALTH SYS INC NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	CYH	999
CYH	OPTN	COMMUNITY HEALTH SYSTEMS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	CYH	999
CYRX	EQUI	CRYOPORT INCCOM PAR \$0.001	Yes	Yes	0.00	0.00	1	1.00	No	No	CYRX	999
CYRX	OPTN	CryoPort, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CYRX	999
CYTK	EQUI	CYTOKINETICS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	CYTK	999
CYTK	OPTN	Cytokinetics Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	CYTK	999
1CYTK	OPTN	Cytokinetics Inc (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	CYTK	999
CZA	EQUI	INVESCO EXCHANGE TRADED FD TZACKS MID CAP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	CZA	999
CZNC	EQUI	CITIZENS & NORTHN CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	CZNC	999
CZNC	OPTN	Citizens Northern Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	CZNC	999
CZOO	EQUI	Cazoo Group Ltd	Yes	Yes	0.00	0.00	1	1.00	No	No	CZOO	999
CZOO1	OPTN	Cazoo Group Ltd (Rev Split/Dist)	Yes	Yes	25.00	37.50	100	1.00	No	No	CZOO	999
CZOWF	WARR	Cazoo Group LTD (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	CZOO	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
CZR	EQUI	Caesars Entertainment, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	CZR	999
CZR	OPTN	Caesars Entertainment Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	CZR	999
D	EQUI	Dominion Energy, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	D	999
D	OPTN	Dominion Energy, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	D	999
2D	OPTN	Dominion Energy, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	D	999
DAC	EQUI	DANAOS CORPORATIONS SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	DAC	999
DAC	OPTN	DANAOS CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	DAC	999
DADA	EQUI	DADA NEXUS LTD ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	DADA	999
DADA	OPTN	DADA NEXUS LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	DADA	999
DAIO	EQUI	DATA I O CORP COM	Yes	Yes	0.00	0.00	1	1.00	No	No	DAIO	999
DAIO	OPTN	DATA I O CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	DAIO	999
DAKT	EQUI	DAKTRONICS INC COM	Yes	Yes	0.00	0.00	1	1.00	No	No	DAKT	999
DAKT	OPTN	DAKTRONICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	DAKT	999
DAL	EQUI	DELTA AIR LINES INC DELCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	DAL	999
DAL	OPTN	Delta Air Lines, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	DAL	999
2DAL	OPTN	Delta Air Lines, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DAL	999
DAN	EQUI	Dana Incorporated	Yes	Yes	0.00	0.00	1	1.00	No	No	DAN	999
DAN	OPTN	Dana Incorporated	Yes	Yes	25.00	37.50	100	1.00	No	No	DAN	999
DAO	EQUI	YOU DAO INC SPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	DAO	999
DAO	OPTN	YOU DAO INC	Yes	Yes	25.00	37.50	100	1.00	No	No	DAO	999
DAPP	EQUI	VanEck Digital Transformation ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DAPP	999
DAPP	OPTN	VanEck Digital Transformation ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DAPP	999
DAR	EQUI	Darling Ingredients Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	DAR	999
DAR	OPTN	Darling Ingredients Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	DAR	999
1DAR	OPTN	Darling Ingredients Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DAR	999
2DAR	OPTN	Darling Ingredients Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DAR	999
DASH	EQUI	DOORDASH INC CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	DASH	999
DASH	OPTN	DOORDASH, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	DASH	999
1DASH	OPTN	DOORDASH, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DASH	999
2DASH	OPTN	DOORDASH, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DASH	999
DAT	EQUI	PROSHARES TRBIG DATA REFINER	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DAT	999
DAT	OPTN	PROSHARES BIG DATA REFINERS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DAT	999
DAVA	EQUI	ENDA VA PLC ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	DAVA	999
DAVA	OPTN	ENDA VA PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	DAVA	999
DAVE	EQUI	Dave Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	DAVE	999
DAVE	OPTN	DAVE, INC. CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	DAVE	999
DAVEW	WARR	DAVE INC (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	DAVE	999
DAWN	EQUI	DAY ONE BIOPHARMACEUTICALS ICOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DAWN	999
DAWN	OPTN	DAY ONE BIOPHARMACEUTICALS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	DAWN	999
DAX	EQUI	GLOBAL X FDS DAX GERMANY ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DAX	999
DAX	OPTN	GLOBAL X DAX GERMANY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DAX	999
DB	EQUI	DEUTSCHE BANK AG NAMEN AKT	Yes	Yes	0.00	0.00	1	1.00	No	No	DB	999
DB	OPTN	DEUTSCHE BANK AG	Yes	Yes	25.00	37.50	100	1.00	No	No	DB	999
DBA	EQUI	Invesco DB Agriculture Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DBA	999
DBA	OPTN	Invesco DB Agriculture Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DBA	999
DBB	EQUI	Invesco DB Base Metals Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DBB	999
DBB	OPTN	Invesco DB Base Metals Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DBB	999
DBC	EQUI	Invesco DB Commodity Index Tracking Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DBC	999
DBC	OPTN	Invesco DB Commodity Index Tracking Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DBC	999
DBD	EQUI	DIEBOLD NIXDORF INC COM SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	DBD	999



RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
DBD	OPTN	DIEBOLD NIXDORF INC	Yes	Yes	25.00	37.50	100	1.00	No	No	DBD	999
DBE	EQUI	Invesco DB Energy Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DBE	999
DBE	OPTN	Invesco DB Energy Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DBE	999
DBEM	EQUI	DBX ETF TRXTRACK MSCI EMRG	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DBEM	999
DBEM	OPTN	XTRACKERS MSCI EMERGING MARKETS HEDGED EQUITY	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DBEM	999
DBI	EQUI	Designer Brands Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	DBI	999
DBI	OPTN	Designer Brands Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	DBI	999
DBJP	EQUI	Xtrackers MSCI Japan Hedged Equity ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DBJP	999
HEWJ	EQUI	iShares Currency Hedged MSCI Japan ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DBJP	999
DBJP	OPTN	Xtrackers MSCI Japan Hedged Equity ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DBJP	999
HEWJ	OPTN	iShares Currency Hedged MSCI Japan ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DBJP	999
SURE	EQUI	ADVISORSHARES TRINSIDER ADVANTA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DBLV	999
DBMF	EQUI	LITMAN GREGORY FDS TRIMGP DBI MANAGED	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DBMF	999
DBMF	OPTN	IMGP DBI MANAGED FUTURES STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DBMF	999
DBP	EQUI	Invesco DB Precious Metals Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DBP	999
DBP	OPTN	Invesco DB Precious Metals Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DBP	999
DBRG	EQUI	DigitalBridge Group, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	DBRG	999
DBRG	OPTN	DigitalBridge Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	DBRG	999
DBX	EQUI	DROPBOX INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	DBX	999
DBX	OPTN	DropBox Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	DBX	999
DC	EQUI	DAKOTA GOLD CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DC	999
DC	OPTN	DAKOTA GOLD CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	DC	999
DCWS	WARR	DAKOTA GOLD CORP (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	DC	999
DCBO	EQUI	DOCEBO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DCBO	999
DCBO	OPTN	DOCEBO INC	Yes	Yes	25.00	37.50	100	1.00	No	No	DCBO	999
DCGO	EQUI	DOCGO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DCGO	999
DCGO	OPTN	DOCGO INC COM	Yes	Yes	25.00	37.50	100	1.00	No	No	DCGO	999
DCI	EQUI	DONALDSON INC	Yes	Yes	0.00	0.00	1	1.00	No	No	DCI	999
DCI	OPTN	DONALDSON COMPANY INC	Yes	Yes	25.00	37.50	100	1.00	No	No	DCI	999
2DCI	OPTN	DONALDSON COMPANY INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DCI	999
DCO	EQUI	DUCOMMUN INC DEL	Yes	Yes	0.00	0.00	1	1.00	No	No	DCO	999
DCO	OPTN	Ducommun Incorporated	Yes	Yes	25.00	37.50	100	1.00	No	No	DCO	999
DCOM	EQUI	Dime Community Bancshares, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	DCOM	999
DCOM	OPTN	Dime Community Bancshares, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	DCOM	999
DCTH	EQUI	DELCATH SYS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	DCTH	999
DCTH	OPTN	DELCATH SYSTEM INC	Yes	Yes	25.00	37.50	100	1.00	No	No	DCTH	999
DCTHWS	WARR	DELCATH SYS INCCOM NEW (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	DCTH	999
DD	EQUI	DuPont de Nemours, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	DD	999
DD	OPTN	DuPont de Nemours, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	DD	999
2DD	OPTN	DuPont de Nemours, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DD	999
DDD	EQUI	3-D SYS CORP DELCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	DDD	999
DDD	OPTN	3D Systems Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	DDD	999
DDIV	EQUI	FIRST TR EXCHANGE TRADED FDDORSEYWRIGHT MOM	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DDIV	999
DDL	EQUI	DINGDONG CAYMAN LTDADS	Yes	Yes	0.00	0.00	1	1.00	No	No	DDL	999
DDL	OPTN	DINGDONG LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	DDL	999
DDLS	EQUI	WISDOMTREE DYNAMIC CURRENCY HEDGED	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DDLS	999
DDLS	OPTN	WISDOMTREE DYNAMIC CURRENCY HEDGED	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DDLS	999
DDOG	EQUI	DATADOG INCCL A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	DDOG	999
DDOG	OPTN	DATADOG, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	DDOG	999
1DDOG	OPTN	DATADOG, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DDOG	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
2DDOG	OPTN	DATADOG, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DDOG	999
DDWM	EQUI	WisdomTree Dynamic Currency Hedged International E	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DDWM	999
DDWM	OPTN	WISDOMTREE DYNAMIC CURRENCY HEDGED	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DDWM	999
DE	EQUI	DEERE & CO	Yes	Yes	0.00	0.00	1	1.00	No	No	DE	999
DE	OPTN	DEERE & CO	Yes	Yes	25.00	37.50	100	1.00	No	No	DE	999
2DE	OPTN	DEERE & CO (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DE	999
DEA	EQUI	EASTERLY GOVT PPTYS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DEA	999
DEA	OPTN	Easterly Government Properties, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	DEA	999
1DEA	OPTN	Easterly Government Properties, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DEA	999
DECK	EQUI	DECKERS OUTDOOR CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	DECK	999
DECK	OPTN	DECKERS OUTDOORS CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	DECK	999
DECO	EQUI	SSGA ACTIVE TRSPDR GALAXY DI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DECO	999
DECO	OPTN	SPDR GALAXY DIGITAL ASSET ECOSYSTEM ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DECO	999
DEEN	EQUI	DEUTSCHE BK AG LONDON BRHDB COM DBL SHRT	Yes	No	0.00		1	-2.00	No	Yes	DEEN	999
DEEP	EQUI	Acquirers Small and Micro Deep Value ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DEEP	999
DEEP	OPTN	Acquirers Small and Micro Deep Value ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DEEP	999
DEFI	EQUI	Hashdex Bitcoin Futures ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DEFI	999
DEI	EQUI	DOUGLAS EMMETT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DEI	999
DEI	OPTN	Douglas Emmett Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	DEI	999
DELL	EQUI	DELL TECHNOLOGIES INCCL C	Yes	Yes	0.00	0.00	1	1.00	No	No	DELL	999
DELL	OPTN	DELL TECHNOLOGIES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	DELL	999
2DELL	OPTN	DELL TECHNOLOGIES, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DELL	999
DEM	EQUI	WisdomTree Emerging Markets High Dividend Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DEM	999
DEM	OPTN	WisdomTree Emerging Markets High Dividend Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DEM	999
DENN	EQUI	Denny's Corp.	Yes	Yes	0.00	0.00	1	1.00	No	No	DENN	999
DENN	OPTN	Denny's Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	DENN	999
DEO	EQUI	DIAGEO P L C	Yes	Yes	0.00	0.00	1	1.00	No	No	DEO	999
DEO	OPTN	DIAGEO PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	DEO	999
2DEO	OPTN	DIAGEO PLC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DEO	999
DES	EQUI	WisdomTree U.S. SmallCap Dividend Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DES	999
DES	OPTN	WisdomTree U.S. SmallCap Dividend Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DES	999
DESK	EQUI	VANECK ETF TRUSTOFFICE AND COMME	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DESK	999
DESK	OPTN	VANECK OFFICE AND COMMERCIAL REIT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DESK	999
DESP	EQUI	DESPEGAR COM CORPORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	DESP	999
DESP	OPTN	Despegar Com Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	DESP	999
DEUS	EQUI	DBX ETF TRXTRACKERS RUSSEL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DEUS	999
DEUS	OPTN	XTRACKERS RUSSELL US MULTIFACTOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DEUS	999
DEW	EQUI	WISDOMTREE TRGLB HIGH DIV FD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DEW	999
DEW	OPTN	WISDOMTREE GLOBAL HIGH DIVIDEND FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DEW	999
DFAC	EQUI	DIMENSIONAL ETF TRUSTUS CORE EQUITY 2	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DFAC	999
DFAC	OPTN	DIMENSIONAL U.S. CORE EQUITY 2 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DFAC	999
DFAI	EQUI	DIMENSIONAL ETF TRUSTINTL CORE EQT MK	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DFAI	999
DFAI	OPTN	DIMENSIONAL INTERNATIONAL CORE EQUITY MARKET ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DFAI	999
DFAR	EQUI	DIMENSIONAL ETF TRUSTUS REAL ESTATE E	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DFAR	999
DFAR	OPTN	DIMENSIONAL US REAL ESTATE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DFAR	999
DFAS	EQUI	DIMENSIONAL ETF TRUSTUS SMALL CAP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DFAS	999
DFAS	OPTN	DIMENSIONAL U.S. SMALL CAP ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DFAS	999
DFAT	EQUI	DIMENSIONAL ETF TRUSTUS TARGETED VLU	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DFAT	999
DFAT	OPTN	DIMENSIONAL U.S. TARGETED VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DFAT	999
DFAU	EQUI	DIMENSIONAL ETF TRUSTUS CORE EQT MKT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DFAU	999

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DFAU	OPTN	DIMENSIONAL US CORE EQUITY MARKET ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DFAU	999
DFAX	EQUI	DIMENSIONAL ETF TRUSTWORLD EX US CORE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DFAX	999
DFAX	OPTN	DIMENSIONAL WORLD EX U.S. CORE EQUITY 2 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DFAX	999
DFE	EQUI	WisdomTree EUR S/C Dividend	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DFE	999
DFE	OPTN	WisdomTree Europe SmallCap Dividend Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DFE	999
DFGR	EQUI	DIMENSIONAL ETF TRUSTGLOBAL REAL EST	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DFGR	999
DFGR	OPTN	DIMENSIONAL GLOBAL REAL ESTATE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DFGR	999
DFH	EQUI	DREAM FINDERS HOMES INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	DFH	999
DFH	OPTN	DREAM FINDERS HOMES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	DFH	999
DFIC	EQUI	DIMENSIONAL INTERNATIONAL CORE EQUITY 2 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DFIC	999
DFIC	OPTN	DIMENSIONAL INTERNATIONAL CORE EQUITY 2 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DFIC	999
DFIN	EQUI	DONNELLEY FINL SOLUTIONS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DFIN	999
DFIN	OPTN	Donnelley Financial Solutions, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	DFIN	999
DFIP	EQUI	DIMENSIONAL ETF TRUSTINFLATION-PROTE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DFIP	999
DFIP	OPTN	DIMENSIONAL INFLATION-PROTECTED SECURITIES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DFIP	999
DFIS	EQUI	DIMENSIONAL INTERNATIONAL SMALL CAP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DFIS	999
DFIS	OPTN	DIMENSIONAL INTERNATIONAL SMALL CAP ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DFIS	999
DFIV	EQUI	DIMENSIONAL ETF TRUSTINTERNATNAL VAL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DFIV	999
DFIV	OPTN	DIMENSIONAL INTERNATIONAL VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DFIV	999
DFJ	EQUI	WisdomTree Japan SmallCap Dividend Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DFJ	999
DFJ	OPTN	WisdomTree Japan SmallCap Dividend Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DFJ	999
DFLI	EQUI	DRAGONFLY ENERGY HOLDINGS COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DFLI	999
DFLI1	OPTN	DRAGONFLY ENERGY HOLDINGS CORP (1:9 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	DFLI	999
DFLIW	WARR	DRAGONFLY ENERGY HOLDINGS COCOM (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	DFLI	999
DFLV	EQUI	DIMENSIONAL ETF TRUSTUS LARGE CAP VAL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DFLV	999
DFLV	OPTN	DIMENSIONAL US LARGE CAP VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DFLV	999
DFNL	EQUI	DAVIS FUNDAMENTAL ETF TRSELECT FINL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DFNL	999
DFNL	OPTN	DAVIS SELECT FINANCIAL ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DFNL	999
DFS	EQUI	DISCOVER FINL SVCSCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DFS	999
DFS	OPTN	Discover Financial Services	Yes	Yes	25.00	37.50	100	1.00	No	No	DFS	999
2DFS	OPTN	Discover Financial Services (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DFS	999
DFSU	EQUI	DIMENSIONAL ETF TRUSTUS SUSTAINABILTY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DFSU	999
DFSU	OPTN	DIMENSIONAL US SUSTAINABILITY CORE 1 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DFSU	999
DFSV	EQUI	DIMENSIONAL ETF TRUSTUS SMALL CAP VAL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DFSV	999
DFSV	OPTN	DIMENSIONAL US SMALL CAP VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DFSV	999
DFUS	EQUI	Dimensional U.S. Equity Market ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DFUS	999
DFUS	OPTN	Dimensional U.S. Equity Market ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DFUS	999
DFUV	EQUI	DIMENSIONAL ETF TRUSTUS MKTWIDE VALUE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DFUV	999
DFUV	OPTN	DIMENSIONAL US MARKETWIDE VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DFUV	999
DG	EQUI	DOLLAR GEN CORP NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DG	999
DG	OPTN	Dollar General Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	DG	999
2DG	OPTN	Dollar General Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DG	999
DGICA	EQUI	DONEGAL GROUP INC	Yes	Yes	0.00	0.00	1	1.00	No	No	DGICA	999
DGICA	OPTN	Donegal Group Inc. Class A	Yes	Yes	25.00	37.50	100	1.00	No	No	DGICA	999
DGII	EQUI	DIGI INTL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DGII	999
DGII	OPTN	Digi International Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	DGII	999
DGIN	EQUI	VANECK ETF TRUSTDIGITAL INDIA ET	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DGIN	999
DGIN	OPTN	VANECK DIGITAL INDIA ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DGIN	999
DGP	EQUI	DEUTSCHE BK AG LONDON BRHDB GOLD DBL LNG	Yes	No	0.00		1	2.00	No	Yes	DGP	999
DGRO	EQUI	ISHARES TRCORE DIV GRWTH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DGRO	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
DGRO	OPTN	iShares Core Dividend Growth ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DGRO	999
DGRS	EQUI	WISDOMTREE TRUS S CAP QTY DIV	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DGRS	999
DGRS	OPTN	WISDOMTREE US SMALLCAP QUALITY DIVIDEND GROWTH	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DGRS	999
DGRW	EQUI	WisdomTree Trust WisdomTree U.S. Quality Dividend	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DGRW	999
DGRW	OPTN	WisdomTree Trust WisdomTree U.S. Quality Dividend	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DGRW	999
DGT	EQUI	SPDR SER TRGLB DOW ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DGT	999
DGT	OPTN	SPDR GLOBAL DOW ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DGT	999
DGX	EQUI	QUEST DIAGNOSTICS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	DGX	999
DGX	OPTN	QUEST DIAGNOSTICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	DGX	999
2DGX	OPTN	QUEST DIAGNOSTICS INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DGX	999
DGZ	EQUI	DEUTSCHE BK AG LONDON BRHDB GOLD SHORT	Yes	No	0.00		1	-1.00	No	Yes	DGZ	999
DH	EQUI	DEFINITIVE HEALTHCARE CORPCLASS A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	DH	999
DH	OPTN	DEFINITIVE HEALTHCARE CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	DH	999
DHC	EQUI	Diversified Healthcare Trust	Yes	Yes	0.00	0.00	1	1.00	No	No	DHC	999
DHC	OPTN	Diversified Healthcare Trust	Yes	Yes	25.00	37.50	100	1.00	No	No	DHC	999
DHI	EQUI	D R HORTON INC	Yes	Yes	0.00	0.00	1	1.00	No	No	DHI	999
DHI	OPTN	D.R. HORTON INC	Yes	Yes	25.00	37.50	100	1.00	No	No	DHI	999
2DHI	OPTN	D.R. HORTON INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DHI	999
DHR	EQUI	DANAHER CORP DELCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DHR	999
DHR	OPTN	DANAHER CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	DHR	999
DHR1	OPTN	DANAHER CORPORATION (Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	DHR	999
2DHR	OPTN	DANAHER CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DHR	999
DHS	EQUI	WISDOMTREE TRUS HIGH DIVIDEND	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DHS	999
DHS	OPTN	WISDOMTREE U.S. HIGH DIVIDEND FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DHS	999
DHT	EQUI	DHT Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	DHT	999
DHT	OPTN	DHT Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	DHT	999
1DHT	OPTN	DHT Holdings, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DHT	999
DHX	EQUI	DHI Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	DHX	999
DHX	OPTN	DHI Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	DHX	999
DIBS	EQUI	1STDIBS COM INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DIBS	999
DIBS	OPTN	1STDIBS.COM, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	DIBS	999
DIHP	EQUI	DIMENSIONAL INTERNATIONAL HIGH PROFITABILITY ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DIHP	999
DIHP	OPTN	DIMENSIONAL INTERNATIONAL HIGH PROFITABILITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DIHP	999
DIM	EQUI	WISDOMTREE TRINTL MIDCAP DV	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DIM	999
DIN	EQUI	Dine Brands Global, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	DIN	999
DIN	OPTN	Dine Brands Global, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	DIN	999
DINO	EQUI	HF Sinclair Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	DINO	999
DINO	OPTN	HF Sinclair Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	DINO	999
DIOD	EQUI	DIODES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	DIOD	999
DIOD	OPTN	DIODES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	DIOD	999
DIPS	EQUI	TIDAL TR IYIELDMAX SHORT	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	DIPS	999
DIPS	OPTN	YIELDMAX SHORT NVDA OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	DIPS	999
DIS	EQUI	DISNEY WALT CO	Yes	Yes	0.00	0.00	1	1.00	No	No	DIS	999
DIS	OPTN	WALT DISNEY COMPANY	Yes	Yes	25.00	37.50	100	1.00	No	No	DIS	999
2DIS	OPTN	WALT DISNEY COMPANY (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DIS	999
DISO	EQUI	TIDAL ETF TR IYIELDMAX DIS OPT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DISO	999
DISO	OPTN	YIELDMAX DIS OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DISO	999
DISV	EQUI	DIMENSIONAL INTERNATIONAL SMALL CAP VALUE ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DISV	999
DISV	OPTN	DIMENSIONAL INTERNATIONAL SMALL CAP VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DISV	999
DIV	EQUI	GLOBAL X FDSGLOBX SUPDV US	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DIV	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
DIV	OPTN	GLOBAL X SUPERDIVIDEND US ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DIV	999
DIVB	EQUI	iShares Core Dividend ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DIVB	999
DIVB	OPTN	iShares Core Dividend ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DIVB	999
DIVI	EQUI	FRANKLIN TEMPLETON ETF TRINTL COR DIV TIL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DIVI	999
DIVI	OPTN	FRANKLIN INTERNATIONAL CORE DIVIDEND TILT INDEX	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DIVI	999
DIVO	EQUI	AMPLIFY ETF TRCWP ENHANCED DIV	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DIVO	999
DIVO	OPTN	AMPLIFY CWP ENHANCED DIVIDEND INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DIVO	999
DIVZ	EQUI	LISTED FD TROPAL DIVD INCM E	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DIVZ	999
DJD	EQUI	INVESCO EXCHANGE TRADED FD TDJ INDL AVG DV	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DJD	999
DJD	OPTN	INVESCO DOW JONES INDUSTRIAL AVERAGE DIVIDEND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DJD	999
DJIA	EQUI	GLOBAL X FSDSDOW 30 COVERED C	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DJIA	999
DJIA	OPTN	GLOBAL X DOW 30 COVERED CALL ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DJIA	999
DJP	EQUI	iPath Bloomberg Commodity Index Total Return ETN	Yes	No	0.00		1	1.00	No	Yes	DJP	999
DJP	OPTN	iPath Bloomberg Commodity Index Total Return ETN	Yes	No	25.00		100	1.00	No	Yes	DJP	999
DJT	EQUI	Trump Media & Technology Group Corp.	Yes	Yes	0.00	0.00	1	1.00	No	No	DJT	999
DJT	OPTN	Trump Media & Technology Group Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	DJT	999
DJTWW	WARR	Trump Media & Technology Group Corp. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	DJT	999
DJTU	EQUI	ETF OPPORTUNITIES TRUSTT REX 2X LONG DJ	Yes	Yes	0.00	0.00	1	2.00	Yes	No	DJTU	999
DJTU	OPTN	T-REX 2X LONG DJT DAILY TARGET ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	DJTU	999
DK	EQUI	DELEK US HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DK	999
DK	OPTN	Delek US Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	DK	999
2DK	OPTN	Delek US Holdings, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DK	999
DKL	EQUI	DELEK LOGISTICS PARTNERS LPCOM UNT RP INT	Yes	Yes	0.00	0.00	1	1.00	No	No	DKL	999
DKL	OPTN	Delek Logistics Partners LP	Yes	Yes	25.00	37.50	100	1.00	No	No	DKL	999
DKNG	EQUI	DraftKings Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	DKNG	999
DKNG	OPTN	DraftKings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	DKNG	999
2DKNG	OPTN	DraftKings Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DKNG	999
DKS	EQUI	DICKS SPORTING GOODS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DKS	999
DKS	OPTN	DICKS SPORTING GOODS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	DKS	999
2DKS	OPTN	DICKS SPORTING GOODS INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DKS	999
DLB	EQUI	DOLBY LABORATORIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DLB	999
DLB	OPTN	DOLBY LABORATORIES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	DLB	999
DLHC	EQUI	DLH HLDGS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DLHC	999
DLHC	OPTN	DLH HOLDINGS CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	DLHC	999
DLN	EQUI	WisdomTree U.S. LargeCap Dividend Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DLN	999
DLN	OPTN	WisdomTree U.S. LargeCap Dividend Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DLN	999
DLNG	EQUI	DYNAGAS LNG PARTNERS LPCOM UNIT LTD PT	Yes	Yes	0.00	0.00	1	1.00	No	No	DLNG	999
DLNG	OPTN	Dynagas LNG Partners LP	Yes	Yes	25.00	37.50	100	1.00	No	No	DLNG	999
DLO	EQUI	DLOCAL LTDCLASS A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	DLO	999
DLO	OPTN	DLOCAL, LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	DLO	999
DLPN	EQUI	DOLPHIN ENTMT INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	DLPN	999
DLPN	OPTN	DOLPHIN ENTERTAINMENT INC	Yes	Yes	25.00	37.50	100	1.00	No	No	DLPN	999
DLPN1	OPTN	DOLPHIN ENTERTAINMENT INC (1:2 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	DLPN	999
DLR	EQUI	DIGITAL RLTY TR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DLR	999
DLR	OPTN	Digital Realty Trust Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	DLR	999
2DLR	OPTN	Digital Realty Trust Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DLR	999
DLS	EQUI	Wisdomtree Intl S/C DVD Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DLS	999
DLS	OPTN	WisdomTree International SmallCap Dividend Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DLS	999
DLTH	EQUI	DULUTH HLDGS INCCOM CL B	Yes	Yes	0.00	0.00	1	1.00	No	No	DLTH	999
DLTH	OPTN	Duluth Holdings, Inc. Class B	Yes	Yes	25.00	37.50	100	1.00	No	No	DLTH	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
DLTR	EQUI	Dollar Tree, Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	DLTR	999
DLTR	OPTN	Dollar Tree, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	DLTR	999
2DLTR	OPTN	Dollar Tree, Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DLTR	999
DLX	EQUI	DELUXE CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	DLX	999
DLX	OPTN	DELUXE CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	DLX	999
DM	OPTN	Desktop Metal, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	DM	999
DM1	OPTN	Desktop Metal, Inc. (1:10 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	DM	999
DMAC	EQUI	DIAMEDICA THERAPEUTICS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	DMAC	999
DMAC	OPTN	DIAMEDICA THERAPEUTICS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	DMAC	999
DMAT	EQUI	GLOBAL X FSDISRUPTIVE MATLS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DMAT	999
DMAT	OPTN	GLOBAL X DISRUPTIVE MATERIALS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DMAT	999
DMLP	EQUI	DORCHESTER MINERALS LPCOM UNIT	Yes	Yes	0.00	0.00	1	1.00	No	No	DMLP	999
DMLP	OPTN	Dorchester Minerals LP	Yes	Yes	25.00	37.50	100	1.00	No	No	DMLP	999
DMRC	EQUI	DIGIMARC CORP NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DMRC	999
DMRC	OPTN	Digimarc Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	DMRC	999
DNA	EQUI	Ginkgo Bioworks Holdings, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	DNA	999
DNA	OPTN	Ginkgo Bioworks Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	DNA	999
DNA1	OPTN	Ginkgo Bioworks Holdings, Inc.(1:40 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	DNA	999
DNABW	WARR	Ginkgo Bioworks Holdings, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	DNA	999
DNB	EQUI	DUN & BRADSTREET HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DNB	999
DNB	OPTN	DUN & BRADSTREET HOLDINGS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	DNB	999
2DNB	OPTN	DUN & BRADSTREET HOLDINGS INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DNB	999
DNL	EQUI	WISDOMTREE TRGLB US QTLY DIV	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DNL	999
DNL	OPTN	WISDOMTREE GLOBAL EX-US QUALITY DIVIDEND GROWTH	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DNL	999
DNLI	EQUI	DENALI THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DNLI	999
DNLI	OPTN	DENALI THERAPEUTICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	DNLI	999
DNMRQ	EQUI	DANIMER SCIENTIFIC INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	DNMR	999
DNMR1	OPTN	DANIMER SCIENTIFIC INC (Warrants Distribution)	Yes	Yes	25.00	37.50	100	1.00	No	No	DNMR	999
DNMR2	OPTN	DANIMER SCIENTIFIC INC (1:40 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	DNMR	999
DNN	EQUI	DENISON MINES CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DNN	999
DNN	OPTN	Denison Mines Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	DNN	999
DNOW	EQUI	DNOW Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	DNOW	999
DNOW	OPTN	DNOW Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	DNOW	999
DNTH	EQUI	Dianthus Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	DNTH	999
DNTH	OPTN	DIANTHUS THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	DNTH	999
1DNTH	OPTN	DIANTHUS THERAPEUTICS, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DNTH	999
DNUT	EQUI	KRISPY KREME INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DNUT	999
DNUT	OPTN	KRISPY KREME, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	DNUT	999
DOC	EQUI	Healthpeak Properties, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	DOC	999
DOC	OPTN	Physicians Realty Trust	Yes	Yes	25.00	37.50	100	1.00	No	No	DOC	999
DOCN	EQUI	DIGITALOCEAN HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DOCN	999
DOCN	OPTN	DIGITALOCEAN HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	DOCN	999
1DOCN	OPTN	DIGITALOCEAN HOLDINGS, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DOCN	999
DOCS	EQUI	DOXIMITY INCCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	DOCS	999
DOCS	OPTN	DOXIMITY, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	DOCS	999
2DOCS	OPTN	DOXIMITY, INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DOCS	999
DOCU	EQUI	DOCUSIGN INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DOCU	999
DOCU	OPTN	DOCUSIGN INC	Yes	Yes	25.00	37.50	100	1.00	No	No	DOCU	999
2DOCU	OPTN	DOCUSIGN INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DOCU	999
DOL	EQUI	WISDOMTREE TRINTL LRGCAP DV	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DOL	999

## RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
DOL	OPTN	WISDOMTREE INTERNATIONAL LARGE CAP DIVIDEND FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DOL	999
DOLE	EQUI	DOLE PLCORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	DOLE	999
DOLE	OPTN	DOLE PLS	Yes	Yes	25.00	37.50	100	1.00	No	No	DOLE	999
DOMO	EQUI	DOMO INCCOM CL B	Yes	Yes	0.00	0.00	1	1.00	No	No	DOMO	999
DOMO	OPTN	Domo Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	DOMO	999
DON	EQUI	WisdomTree U.S. MidCap Dividend Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DON	999
DON	OPTN	WisdomTree U.S. MidCap Dividend Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DON	999
DOOO	EQUI	BRP INCCOM SUN VTG	Yes	Yes	0.00	0.00	1	1.00	No	No	DOOO	999
DOOO	OPTN	BRP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	DOOO	999
DORM	EQUI	DORMAN PRODUCTS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DORM	999
DORM	OPTN	Dorman Products Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	DORM	999
DOUG	EQUI	Douglas Elliman Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	DOUG	999
DOUG	OPTN	DOUGLAS ELLIMAN INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	DOUG	999
DOV	EQUI	DOVER CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	DOV	999
DOV	OPTN	DOVER CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	DOV	999
2DOV	OPTN	DOVER CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DOV	999
DOW	EQUI	DOW INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DOW	999
DOW	OPTN	DOW INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	DOW	999
2DOW	OPTN	DOW INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DOW	999
DOX	EQUI	AMDOCS LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	DOX	999
DOX	OPTN	AMDOCS LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	DOX	999
DPRO	EQUI	DRAGANFLY INC.COM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	DPRO	999
DPRO1	OPTN	DRAGANFLY INC (1:25 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	DPRO	999
DPZ	EQUI	DOMINOS PIZZA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DPZ	999
DPZ	OPTN	DOMINO'S PIZZA INC	Yes	Yes	25.00	37.50	100	1.00	No	No	DPZ	999
2DPZ	OPTN	DOMINO'S PIZZA INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DPZ	999
DQ	EQUI	DAQO NEW ENERGY CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	DQ	999
DQ	OPTN	Daqo New Energy Corp. Sponsored ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	DQ	999
DRAG	EQUI	ROUNDHILL ETF TRUSTCHINA DRAGONS ET	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DRAG	999
DRAG	OPTN	ROUNDHILL CHINA DRAGONS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DRAG	999
DRD	EQUI	DRDGOLD LIMITEDSPON ADR NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	DRD	999
DRD	OPTN	DRDGOLD Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	DRD	999
DRH	EQUI	DiamondRock Hospitality Company	Yes	Yes	0.00	0.00	1	1.00	No	No	DRH	999
DRH	OPTN	DiamondRock Hospitality Company	Yes	Yes	25.00	37.50	100	1.00	No	No	DRH	999
DRI	EQUI	DARDEN RESTAURANTS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	DRI	999
DRI	OPTN	DARDEN RESTAURANTS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	DRI	999
2DRI	OPTN	DARDEN RESTAURANTS INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DRI	999
DRIO	EQUI	DARIOHEALTH CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	DRIO	999
DRIO	OPTN	DARIOHEALTH CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	DRIO	999
DRIV	EQUI	GLOBAL X FDSAUTONMOUS EV ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DRIV	999
DRIV	OPTN	GLOBAL X AUTONOMOUS & ELECTRIC VEHICLES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DRIV	999
DRLL	EQUI	EA SERIES TRUSTSTRIVE US ENERGY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DRLL	999
DRLL	OPTN	STRIVE U.S. ENERGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DRLL	999
DRRX	EQUI	DURECT CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	DRRX	999
DRRX	OPTN	Durect Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	DRRX	999
DRS	EQUI	Leonardo DRS, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	DRS	999
DRS	OPTN	Leonardo DRS, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	DRS	999
DRSK	EQUI	APTUS DEFINED RISK ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DRSK	999
DRSK	OPTN	APTUS DEFINED RISK ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DRSK	999
DRUP	EQUI	GRANITESHARES ETF TRNASDAQ SELECT DI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DRUP	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
DRUP	OPTN	GRANITESHARES NASDAQ SELECT DISRUPTORS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DRUP	999
DRVN	EQUI	DRIVEN BRANDS HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DRVN	999
DRVN	OPTN	DRIVEN BRANDS HOLDINGS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	DRVN	999
DSGN	EQUI	DESIGN THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DSGN	999
DSGN	OPTN	DESIGN THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	DSGN	999
DSGR	EQUI	DISTRIBUTION SOLUTIONS GRP ICOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DSGR	999
DSGR	OPTN	DISTRIBUTION SOLUTIONS GROUP	Yes	Yes	25.00	37.50	100	1.00	No	No	DSGR	999
DSGX	EQUI	DESCARTES SYS GROUP INC	Yes	Yes	0.00	0.00	1	1.00	No	No	DSGX	999
DSGX	OPTN	DESCARTES SYSTEM GROUP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	DSGX	999
2DSGX	OPTN	DESCARTES SYSTEM GROUP INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DSGX	999
DSI	EQUI	iShares ESG MSCI KLD 400 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DSI	999
DSI	OPTN	iShares ESG MSCI KLD 400 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DSI	999
DSKEW	WARR	Daseke Inc (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	DSKE	999
DSL	EQUI	DOUBLELINE INCOME SOLUTIONSCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DSL	999
DSL	OPTN	DoubleLine Income Solutions Fund	Yes	Yes	25.00	37.50	100	1.00	No	No	DSL	999
DSP	EQUI	VARIANT TECHNOLOGY INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	DSP	999
DSP	OPTN	VARIANT TECHNOLOGY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	DSP	999
DSTL	EQUI	ETF SER SOLUTIONSDISTILLATE US	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DSTL	999
DSTL	OPTN	DISTILLATE US FUNDAMENTAL STABILITY & VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DSTL	999
DSX	EQUI	Diana Shipping Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	DSX	999
DSX	OPTN	DIANA SHIPPING INC	Yes	Yes	25.00	37.50	100	1.00	No	No	DSX	999
DSXWS	WARR	DIANA SHIPPING INC (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	DSX	999
DT	EQUI	DYNATRACE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DT	999
DT	OPTN	DYNATRACE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	DT	999
DTC	EQUI	SOLO BRANDS INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	DTC	999
DTC	OPTN	SOLO BRANDS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	DTC	999
DTCR	EQUI	Global X Data Center & Digital Infrastructure ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DTCR	999
DTCR	OPTN	Global X Data Center & Digital Infrastructure ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DTCR	999
DTD	EQUI	WISDOMTREE TRUS TOTAL DIVIDND	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DTD	999
DTD	OPTN	WISDOMTREE U.S. TOTAL DIVIDEND FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DTD	999
DTE	EQUI	DTE ENERGY CO	Yes	Yes	0.00	0.00	1	1.00	No	No	DTE	999
DTE	OPTN	DTE ENERGY CO.	Yes	Yes	25.00	37.50	100	1.00	No	No	DTE	999
2DTE	OPTN	DTE ENERGY CO. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DTE	999
DTEC	EQUI	ALPS DISRUPTIVE TECHNOLOGIES ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DTEC	999
DTEC	OPTN	ALPS DISRUPTIVE TECHNOLOGIES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DTEC	999
DTH	EQUI	WISDOMTREE TRITL HIGH DIV FD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DTH	999
DTH	OPTN	WISDOMTREE INTERNATIONAL HIGH DIVIDEND FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DTH	999
DTM	EQUI	DT MIDSTREAM INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	DTM	999
DTM	OPTN	DT MIDSTREAM, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	DTM	999
DUBS	EQUI	APTUS LARGE CAP ENHANCED YIELD ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DUBS	999
DUBS	OPTN	APTUS LARGE CAP ENHANCED YIELD ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DUBS	999
DUHP	EQUI	DIMENSIONAL ETF TRUSTUS HIGH PROFITAB	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DUHP	999
DUHP	OPTN	DIMENSIONAL US HIGH PROFITABILITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DUHP	999
DUK	EQUI	Duke Energy Corp. Holding Company	Yes	Yes	0.00	0.00	1	1.00	No	No	DUK	999
DUK	OPTN	Duke Energy Corp. Holding Comp	Yes	Yes	25.00	37.50	100	1.00	No	No	DUK	999
1DUK	OPTN	Duke Energy Corp. Holding Comp (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DUK	999
2DUK	OPTN	Duke Energy Corp. Holding Comp (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DUK	999
DUOL	EQUI	DUOLINGO INCCCL A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	DUOL	999
DUOL	OPTN	DUOLINGO, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	DUOL	999
DURA	EQUI	VANECK VECTORS ETF TRMRNGSTR DUR DV	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DURA	999



## RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
DURA	OPTN	VANECK DURABLE HIGH DIVIDEND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DURA	999
DUSA	EQUI	DAVIS FUNDAMENTAL ETF TRSELECT US EQTY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DUSA	999
DUSA	OPTN	DAVIS SELECT U.S. EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DUSA	999
DV	EQUI	DOUBLEVERIFY HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DV	999
DV	OPTN	DOUBLEVERIFY HOLDINGS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	DV	999
1DV	OPTN	DOUBLEVERIFY HOLDINGS INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DV	999
DVA	EQUI	DaVita Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	DVA	999
DVA	OPTN	DaVita Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	DVA	999
DVAX	EQUI	DYNAVAX TECHNOLOGIES CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DVAX	999
DVAX	OPTN	Dynavax Technologies Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	DVAX	999
2DVAX	OPTN	Dynavax Technologies Corp. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DVAX	999
DVN	EQUI	DEVON ENERGY CORP NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	DVN	999
DVN	OPTN	DEVON ENERGY CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	DVN	999
2DVN	OPTN	DEVON ENERGY CORP. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DVN	999
DVOL	EQUI	FIRST TR EXCHANGE-TRADED FDDORSY WR MOMNT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DVOL	999
DVOL	OPTN	FIRST TRUST DORSEY WRIGHT MOMENTUM & LOW VOL	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DVOL	999
DVY	EQUI	iShares Select Dividend ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DVY	999
DVY	OPTN	iShares Select Dividend ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DVY	999
DVYE	EQUI	ISHARES INCEM MKTS DIV ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DVYE	999
DVYE	OPTN	ISHARES EMERGING MARKETS DIVIDEND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DVYE	999
DWAS	EQUI	Invesco Dorsey Wright SmallCap Momentum ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DWAS	999
DWAS	OPTN	Invesco Dorsey Wright SmallCap Momentum ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DWAS	999
DWM	EQUI	WISDOMTREE TRINTL EQUITY FD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DWM	999
DWM	OPTN	WISDOMTREE INTERNATIONAL EQUITY FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DWM	999
DWSH	EQUI	ADVISORSHARES TRDORSY SHRT ETF	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	DWSH	999
DWTX	EQUI	Dogwood Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	DWTX	999
DWTX1	OPTN	Dogwood Therapeutics, Inc. (1:25 Rev Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	DWTX	999
DWX	EQUI	SPDR S&P International Dividend ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DWX	999
DWX	OPTN	SPDR S&P International Dividend ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DWX	999
DX	EQUI	DYNEX (NEW)	Yes	Yes	0.00	0.00	1	1.00	No	No	DX	999
DX	OPTN	Dynex Capital, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	DX	999
DXC	EQUI	DXC TECHNOLOGY COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DXC	999
DXC	OPTN	DXC Technology Company	Yes	Yes	25.00	37.50	100	1.00	No	No	DXC	999
2DXC	OPTN	DXC Technology Company (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DXC	999
DXCM	EQUI	DEXCOM INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DXCM	999
DXCM	OPTN	DexCom, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	DXCM	999
2DXCM	OPTN	DexCom, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	DXCM	999
DXJ	EQUI	WisdomTree Japan Hedged Equity Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DXJ	999
DXJ	OPTN	WisdomTree Japan Hedged Equity Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DXJ	999
DXJS	EQUI	WISDOMTREE TRJPN SCAP HDG EQT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DXJS	999
DXJS	OPTN	WisdomTree Japan Hedged Small Cap Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DXJS	999
DXLG	EQUI	Destination XL Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	DXLG	999
DXLG	OPTN	DESTINATION XL GROUP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	DXLG	999
DXPE	EQUI	DXP ENTERPRISES INC NEWCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	DXPE	999
DXPE	OPTN	DXP Enterprises	Yes	Yes	25.00	37.50	100	1.00	No	No	DXPE	999
DXYN	EQUI	DIXIE GROUP INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	DXYN	999
DXYN	OPTN	Dixie Group Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	DXYN	999
DY	EQUI	DYCOM INDS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DY	999
DY	OPTN	DYCOM INDUSTRIES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	DY	999
DYAI	EQUI	DYADIC INTL INC DELCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DYAI	999

RBH/CPM Included Products

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DYAI	OPTN	DYADIC INTERNATIONAL, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	DYAI	999
DYLG	EQUI	GLOBAL X FDSGLOBAL X DOW 30	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DYLG	999
DYLG	OPTN	GLOBAL X DOW 30 COVERED CALL & GROWTH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DYLG	999
DYN	EQUI	DYNE THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	DYN	999
DYN	OPTN	DYNE THERAPEUTICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	DYN	999
DYNF	EQUI	BLACKROCK ETF TRUSTISHARES US EQUIT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	DYNF	999
DYNF	OPTN	ISHARES U.S. EQUITY FACTOR ROTATION ACTIVE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	DYNF	999
DYYX	EQUI	DEUTSCHE BK AG LONDON BRHDB COM DBLE LNG	Yes	No	0.00		1	2.00	No	Yes	DYYX	999
DZZ	EQUI	DEUTSCHE BK AG LONDON BRHGOLD DOUBLE SHOR	Yes	No	0.00		1	-2.00	No	Yes	DZZ	999
E	EQUI	ENI S P A	Yes	Yes	0.00	0.00	1	1.00	No	No	E	999
E	OPTN	ENI SpA	Yes	Yes	25.00	37.50	100	1.00	No	No	E	999
EA	EQUI	ELECTRONIC ARTS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	EA	999
EA	OPTN	ELECTRONIC ARTS	Yes	Yes	25.00	37.50	100	1.00	No	No	EA	999
1EA	OPTN	ELECTRONIC ARTS (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EA	999
2EA	OPTN	ELECTRONIC ARTS (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EA	999
EAF	EQUI	GRAFTECH INTL LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EAF	999
EAF	OPTN	Graftech International Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	EAF	999
EARN	EQUI	Ellington Credit Company	Yes	Yes	0.00	0.00	1	1.00	No	No	EARN	999
EARN	OPTN	Ellington Credit Company	Yes	Yes	25.00	37.50	100	1.00	No	No	EARN	999
EAT	EQUI	BRINKER INTL INC	Yes	Yes	0.00	0.00	1	1.00	No	No	EAT	999
EAT	OPTN	BRINKER INT'L, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	EAT	999
2EAT	OPTN	BRINKER INT'L, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EAT	999
EATV	EQUI	VegTech Food Innovation & Climate ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EATV	999
EATV	OPTN	VegTech Food Innovation & Climate ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EATV	999
EATZ	EQUI	ADVISORSHARES TRRESTAURANT ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EATZ	999
EATZ	OPTN	ADVISORSHARES RESTAURANT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EATZ	999
EB	EQUI	EVENTBRITE INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	EB	999
EB	OPTN	EVENTBRITE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	EB	999
EBAY	EQUI	EBAY INC	Yes	Yes	0.00	0.00	1	1.00	No	No	EBAY	999
EBAY	OPTN	EBAY INC	Yes	Yes	25.00	37.50	100	1.00	No	No	EBAY	999
2EBAY	OPTN	EBAY INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EBAY	999
EBC	EQUI	EASTERN BANKSHARES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EBC	999
EBC	OPTN	EASTERN BANKSHARES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	EBC	999
EBF	EQUI	ENNIS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EBF	999
EBF	OPTN	Ennis Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	EBF	999
EBIZ	EQUI	GLOBAL X FDSE COMMERCE ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EBIZ	999
EBIZ	OPTN	GLOBAL X E-COMMERCE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EBIZ	999
EBND	EQUI	SPDR Bloomberg Emerging Markets Local Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EBND	999
EBND	OPTN	SPDR Bloomberg Emerging Markets Local Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EBND	999
EBS	EQUI	EMERGENT BIOSOLUTIONS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EBS	999
EBS	OPTN	Emergent Biosolutions Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	EBS	999
EBTC	EQUI	ENTERPRISE BANCORP INC MASSCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EBTC	999
EBTC	OPTN	ENTERPRISE BANCORP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	EBTC	999
EC	EQUI	ECOPETROL S ASPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	EC	999
EC	OPTN	Ecopetrol SA	Yes	Yes	25.00	37.50	100	1.00	No	No	EC	999
ECH	EQUI	iShares MSCI Chile ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ECH	999
ECH	OPTN	iShares MSCI Chile ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ECH	999
ECL	EQUI	ECOLAB INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ECL	999
ECL	OPTN	ECOLAB INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ECL	999
2ECL	OPTN	ECOLAB INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ECL	999

**RBH/CPM Included Products**

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ECLN	EQUI	FIRST TR EXCHANGE-TRADED FDEIP CARBON IMP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ECLN	999
ECLN	OPTN	FIRST TRUST EIP CARBON IMPACT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ECLN	999
ECNS	EQUI	ISHARES TRCHINA SM-CAP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ECNS	999
ECNS	OPTN	iShares MSCI China Small-Cap ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ECNS	999
ECON	EQUI	Columbia Research Enhanced Emerging Economies ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ECON	999
ECON	OPTN	Columbia Research Enhanced Emerging Economies ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ECON	999
ECOW	EQUI	PACER FDS TREMRG MKT CASH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ECOW	999
ECOW	OPTN	PACER EMERGING MARKETS CASH COWS 100 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ECOW	999
ECPG	EQUI	Encore Capital Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ECPG	999
ECPG	OPTN	Encore Capital Group Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ECPG	999
ECVT	EQUI	Ecovyst Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ECVT	999
ECVT	OPTN	Ecovyst Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ECVT	999
ED	EQUI	CONSOLIDATED EDISON	Yes	Yes	0.00	0.00	1	1.00	No	No	ED	999
ED	OPTN	CON EDISON	Yes	Yes	25.00	37.50	100	1.00	No	No	ED	999
2ED	OPTN	CON EDISON (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ED	999
EDAP	EQUI	EDAP TMS S ASPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	EDAP	999
EDAP	OPTN	EDAP TMS S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	EDAP	999
EDIT	EQUI	EDITAS MEDICINE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EDIT	999
EDIT	OPTN	Editas Medicine, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	EDIT	999
EDIV	EQUI	SPDR INDEX SHS FDSS&P EM MKT DIV	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EDIV	999
EDIV	OPTN	SPDR S&P Emerging Markets Dividend ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EDIV	999
EDOG	EQUI	ALPS ETF TREM SECT DIV DG	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EDOG	999
EDOW	EQUI	FIRST TR EXCHANGE TRADED FDDOW 30 EQL WGT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EDOW	999
EDOW	OPTN	FIRST TRUST DOW 30 EQUAL WEIGHT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EDOW	999
EDR	OPTN	ENDEAVOR GROUP HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	EDR	999
EDU	EQUI	NEW ORIENTAL ED & TECH GRP ISPON ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	EDU	999
EDU	OPTN	New Oriental Education & Tech	Yes	Yes	25.00	37.50	100	1.00	No	No	EDU	999
EE	EQUI	EXCELERATE ENERGY INCCL A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	EE	999
EE	OPTN	EXCELERATE ENERGY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	EE	999
EEFT	EQUI	EURONET WORLDWIDE, INC	Yes	Yes	0.00	0.00	1	1.00	No	No	EEFT	999
EEFT	OPTN	EURONET WORLDWIDE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	EEFT	999
EELV	EQUI	Invesco S&P Emerging Markets Low Volatility ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EELV	999
EELV	OPTN	INVESCO S&P EMERGING MARKETS LOW VOLATILITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EELV	999
EEMA	EQUI	ISHARES INCMSCI EM ASIA ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EEMA	999
EEMS	EQUI	ISHARES INCEM MKT SM-CP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EEMS	999
EEMS	OPTN	ISHARES MSCI EMERGING MARKETS SMALL CAP ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EEMS	999
EEMX	EQUI	SPDR INDEX SHS FDSMSCI EMR MKT ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EEMX	999
EEMX	OPTN	SPDR MSCI EMERGING MARKETS FOSSIL FUEL FREE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EEMX	999
EES	EQUI	WISDOMTREE TRUS SMALLCAP FUND	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EES	999
EES	OPTN	WISDOMTREE U.S. SMALLCAP FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EES	999
EETH	EQUI	ProShares Ether ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EETH	999
EETH	OPTN	ProShares Ether ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EETH	999
2EETH	OPTN	ProShares Ether ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EETH	999
EEX	EQUI	Emerald Holding, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	EEX	999
EEX	OPTN	Emerald Holding, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	EEX	999
EFAS	EQUI	GLOBAL X FDSMSCI SUPDIV EA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EFAS	999
EFAS	OPTN	GLOBAL X MSCI SUPERDIVIDEND EAFE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EFAS	999
EFAX	EQUI	SPDR INDEX SHS FDSMSCI EAFE FS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EFAX	999
EFAX	OPTN	SPDR MSCI EAFE FOSSIL FUEL FREE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EFAX	999
EFC	EQUI	Ellington Financial Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	EFC	999

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EFC	OPTN	Ellington Financial Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	EFC	999
EFO	EQUI	PROSHARES TRULTR MSCI ETF	Yes	Yes	0.00	0.00	1	2.00	Yes	No	EFO	999
EFO	OPTN	PROSHARES ULTRA MSCI EAFE	Yes	Yes	25.00	37.50	100	2.00	Yes	No	EFO	999
EFSC	EQUI	Enterprise Financial Srvcs Corp.	Yes	Yes	0.00	0.00	1	1.00	No	No	EFSC	999
EFSC	OPTN	Enterprise Financial Services Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	EFSC	999
EFUT	EQUI	VANECK ETHEREUM STRATEGY ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EFUT	999
EFV	EQUI	iShares MSCI EAFE Value ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EFV	999
EFV	OPTN	iShares MSCI EAFE Value ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EFV	999
EFX	EQUI	EQUIFAX INC	Yes	Yes	0.00	0.00	1	1.00	No	No	EFX	999
EFX	OPTN	EQUIFAX INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	EFX	999
EFXT	EQUI	Enerflex Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	EFXT	999
EFXT	OPTN	ENERFLEX LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	EFXT	999
EG	EQUI	Everest Group, Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	EG	999
EG	OPTN	Everest Group, Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	EG	999
1EG	OPTN	Everest Group, Ltd. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EG	999
EGAN	EQUI	eGain Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	EGAN	999
EGAN	OPTN	eGain Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	EGAN	999
EGBN	EQUI	EAGLE BANCORP INC MD	Yes	Yes	0.00	0.00	1	1.00	No	No	EGBN	999
EGBN	OPTN	Eagle Bancorp Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	EGBN	999
EGHT	EQUI	8X8 INC	Yes	Yes	0.00	0.00	1	1.00	No	No	EGHT	999
EGHT	OPTN	8x8 Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	EGHT	999
EGO	EQUI	ELDORADO GOLD CORP NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EGO	999
EGO	OPTN	ELDORADO GOLD CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	EGO	999
1EGO	OPTN	ELDORADO GOLD CORP (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EGO	999
2EGO	OPTN	ELDORADO GOLD CORP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EGO	999
EGP	EQUI	EASTGROUP PPTY INC	Yes	Yes	0.00	0.00	1	1.00	No	No	EGP	999
EGP	OPTN	EastGroup Properties Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	EGP	999
EGRX	EQUI	EAGLE PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EGRX	999
EGRX	OPTN	EAGLE PHARMACEUTICALS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	EGRX	999
2EGRX	OPTN	EAGLE PHARMACEUTICALS, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EGRX	999
EGY	EQUI	VAALCO ENERGY INC	Yes	Yes	0.00	0.00	1	1.00	No	No	EGY	999
EGY	OPTN	VAALCO ENERGY INC	Yes	Yes	25.00	37.50	100	1.00	No	No	EGY	999
EH	EQUI	EHANG HLDGS LTDADS	Yes	Yes	0.00	0.00	1	1.00	No	No	EH	999
EH	OPTN	EHANG HOLDINGS LTD. SPONSORED ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	EH	999
EHAB	EQUI	Enhabit, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	EHAB	999
EHAB	OPTN	ENHABIT, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	EHAB	999
EHC	EQUI	Encompass Health Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	EHC	999
EHC	OPTN	Encompass Health Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	EHC	999
EHTH	EQUI	EHEALTH INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EHTH	999
EHTH	OPTN	eHealth, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	EHTH	999
EIDO	EQUI	iShares MSCI Indonesia ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EIDO	999
EIDO	OPTN	iShares MSCI Indonesia ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EIDO	999
EIG	EQUI	EMPLOYERS HOLDINGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EIG	999
EIG	OPTN	Employers Holdings Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	EIG	999
EINC	EQUI	VanEck Energy Income ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EINC	999
EINC	OPTN	VanEck Energy Income ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EINC	999
EIPI	EQUI	FIRST TR EXCHNG TRADED FD VIFT ENERGY INCOME	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EIPI	999
EIPI	OPTN	FT ENERGY INCOME PARTNERS ENHANCED INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EIPI	999
EIRL	EQUI	ISHARES TRMSCI IRELAND ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EIRL	999
EIX	EQUI	EDISON INTL	Yes	Yes	0.00	0.00	1	1.00	No	No	EIX	999

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EIX	OPTN	EDISON INTERNATIONAL	Yes	Yes	25.00	37.50	100	1.00	No	No	EIX	999
EKG	EQUI	FIRST TR EXCHANGE-TRADED FDNASDAQ LUX DIGI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EKG	999
EKG	OPTN	FIRST TRUST NASDAQ LUX DIGITAL HEALTH SOLUTIONS	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EKG	999
EKSO	EQUI	EKSO BIONICS HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EKSO	999
EKSO	OPTN	EKSO BIONICS HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	EKSO	999
EL	EQUI	LAUDER ESTEE COS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	EL	999
EL	OPTN	ESTEE LAUDER COMPANIES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	EL	999
1EL	OPTN	ESTEE LAUDER COMPANIES, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EL	999
2EL	OPTN	ESTEE LAUDER COMPANIES, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EL	999
ELA	EQUI	ENVELA CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ELA	999
ELA	OPTN	ENVELA CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	ELA	999
ELAN	EQUI	ELANCO ANIMAL HEALTH INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ELAN	999
ELAN	OPTN	Elanco Animal Health Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ELAN	999
1ELAN	OPTN	Elanco Animal Health Inc (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ELAN	999
ELD	EQUI	WisdomTree Emerging Markets Local Debt Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ELD	999
ELD	OPTN	WisdomTree Emerging Markets Local Debt Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ELD	999
ELDN	EQUI	ELEDON PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ELDN	999
ELDN	OPTN	ELEDON PHARMACEUTICALS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ELDN	999
ELEV	EQUI	ELEVATION ONCOLOGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ELEV	999
ELEV	OPTN	ELEVATION ONCOLOGY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ELEV	999
ELF	EQUI	E L F BEAUTY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ELF	999
ELF	OPTN	e.l.f. Beauty, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ELF	999
ELMD	EQUI	ELECTROMED, INC.	Yes	Yes	0.00	0.00	1	1.00	No	No	ELMD	999
ELMD	OPTN	ELECTROMED, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ELMD	999
ELME	EQUI	Elme Communities	Yes	Yes	0.00	0.00	1	1.00	No	No	ELME	999
ELME	OPTN	Elme Communities	Yes	Yes	25.00	37.50	100	1.00	No	No	ELME	999
ELP	EQUI	COMPANHIA PARANAENSE ENERG C	Yes	Yes	0.00	0.00	1	1.00	No	No	ELP	999
ELP	OPTN	Companhia Paranaense de Energia-Copel	Yes	Yes	25.00	37.50	100	1.00	No	No	ELP	999
ELS	EQUI	Equity Lifestyle Properties Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	ELS	999
ELS	OPTN	Equity Lifestyle Properties Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ELS	999
ELV	EQUI	Elevance Health, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ELV	999
ELV	OPTN	Elevance Health, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ELV	999
2ELV	OPTN	Elevance Health, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ELV	999
ELVN	EQUI	Enliven Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ELVN	999
ELVN	OPTN	ENLIVEN THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ELVN	999
EMB	EQUI	iShares J.P. Morgan USD Emerging Markets Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EMB	999
EMB	OPTN	iShares J.P. Morgan USD Emerging Markets Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EMB	999
EMBC	EQUI	EMBECTA CORPCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	EMBC	999
EMBC	OPTN	EMBECTA CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	EMBC	999
EMBD	EQUI	GLOBAL X FDSX EMERGING MKT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EMBD	999
EMBD	OPTN	GLOBAL X EMERGING MARKETS BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EMBD	999
EMCB	EQUI	WISDOMTREE TRWSDM EMKTBD FD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EMCB	999
EME	EQUI	EMCOR GROUP INC	Yes	Yes	0.00	0.00	1	1.00	No	No	EME	999
EME	OPTN	EMCOR GROUP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	EME	999
2EME	OPTN	EMCOR GROUP INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EME	999
EMFM	EQUI	GLOBAL X FDSMSCI NXT EMRNG	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EMFM	999
EMGF	EQUI	iShares Emerging Markets Equity Factor ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EMGF	999
EMGF	OPTN	iShares Emerging Markets Equity Factor ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EMGF	999
EMHY	EQUI	iShares Emerging Market High Yield Bond Fund ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EMHY	999
EMIF	EQUI	ISHARES TREMGR MKT INF ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EMIF	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
EMKR	OPTN	EMCORE Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	EMKR	999
EMLC	EQUI	VanEck J. P. Morgan EM Local Currency Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EMLC	999
EMLC	OPTN	VanEck J. P. Morgan EM Local Currency Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EMLC	999
EMLP	EQUI	FIRST TR EXCHANGE TRADED FDNO AMER ENERGY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EMLP	999
EMLP	OPTN	First Trust North American Energy Infrastructure F	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EMLP	999
EMN	EQUI	EASTMAN CHEM CO	Yes	Yes	0.00	0.00	1	1.00	No	No	EMN	999
EMN	OPTN	EASTMAN CHEMICAL CO	Yes	Yes	25.00	37.50	100	1.00	No	No	EMN	999
EMQQ	EQUI	EMQQ The Emerging Markets Internet ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EMQQ	999
EMQQ	OPTN	EMQQ The Emerging Markets Internet ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EMQQ	999
EMR	EQUI	EMERSON ELEC COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EMR	999
EMR	OPTN	EMERSON ELECTRIC CO	Yes	Yes	25.00	37.50	100	1.00	No	No	EMR	999
2EMR	OPTN	EMERSON ELECTRIC CO (Euro Flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	EMR	999
EMTL	EQUI	SSGA ACTIVE TRSPDR DBLELN EMRG	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EMTL	999
EMTY	EQUI	PROSHARES TRDECLINE RETAIL	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	EMTY	999
EMTY	OPTN	PROSHARES DECLINE OF THE RETAIL STORE ETF	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	EMTY	999
EMX	EQUI	EMX RTY CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EMX	999
EMX	OPTN	EMX ROYALTY CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	EMX	999
ENB	EQUI	ENBRIDGE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ENB	999
ENB	OPTN	Enbridge Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ENB	999
ENFN	EQUI	ENFUSION INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	ENFN	999
ENFN	OPTN	ENFUSION, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ENFN	999
ENFR	EQUI	ALPS ETF TRALERIAN ENERGY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ENFR	999
ENFR	OPTN	ALERIAN ENERGY INFRASTRUCTURE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ENFR	999
ENIC	EQUI	Enel Chile S.A.	Yes	Yes	0.00	0.00	1	1.00	No	No	ENIC	999
ENIC	OPTN	Enel Chile S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	ENIC	999
ENLT	EQUI	ENLIGHT RENEWABLE ENERGY LTD.	Yes	Yes	0.00	0.00	1	1.00	No	No	ENLT	999
ENLT	OPTN	ENLIGHT RENEWABLE ENERGY LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	ENLT	999
ENLV	EQUI	Enlivex Therapeutics Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	ENLV	999
ENLV	OPTN	ENLIVEX THERAPEUTICS LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	ENLV	999
ENOV	EQUI	Enovis Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	ENOV	999
ENOV	OPTN	ENOVIS CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	ENOV	999
1ENOV	OPTN	ENOVIS CORPORATION (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ENOV	999
ENPH	EQUI	ENPHASE ENERGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ENPH	999
ENPH	OPTN	Enphase Energy Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ENPH	999
2ENPH	OPTN	Enphase Energy Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ENPH	999
ENR	EQUI	ENERGIZER HLDGS INC NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ENR	999
ENR	OPTN	ENERGIZER HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ENR	999
ENRG	EQUI	TIDAL ETF TRSOFI SMART ENRGY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ENRG	999
ENS	EQUI	ENERSYSKOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ENS	999
ENS	OPTN	Energys	Yes	Yes	25.00	37.50	100	1.00	No	No	ENS	999
ENSG	EQUI	ENSIGN GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ENSG	999
ENSG	OPTN	Ensign Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ENSG	999
2ENSG	OPTN	Ensign Group, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ENSG	999
ENSV	EQUI	ENSERVCO CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	ENSV	999
ENSV	OPTN	ENSERVCO CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	ENSV	999
ENTA	EQUI	ENANTA PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ENTA	999
ENTA	OPTN	Enanta Pharmaceuticals, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ENTA	999
ENTG	EQUI	ENTEGRIS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ENTG	999
ENTG	OPTN	Entegris Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ENTG	999
2ENTG	OPTN	Entegris Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ENTG	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
ENTX	EQUI	ENTERA BIO LTDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	ENTX	999
ENTX	OPTN	ENTERA BIO LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	ENTX	999
ENVA	EQUI	ENOVA INTL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ENVA	999
ENVA	OPTN	Enova International Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ENVA	999
ENVX	EQUI	Enovix Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	ENVX	999
ENVX	OPTN	Enovix Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	ENVX	999
2ENVX	OPTN	Enovix Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ENVX	999
ENZ	EQUI	ENZO BIOCHEM INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ENZ	999
ENZ	OPTN	ENZO BIOCHEM, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ENZ	999
ENZL	EQUI	iShares Trust iShares MSCI New Zealand ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ENZL	999
ENZL	OPTN	iShares Trust iShares MSCI New Zealand ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ENZL	999
EOG	EQUI	EOG RESOURCES, INC	Yes	Yes	0.00	0.00	1	1.00	No	No	EOG	999
EOG	OPTN	EOG RESOURCES, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	EOG	999
2EOG	OPTN	EOG RESOURCES, INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EOG	999
EOLS	EQUI	EVOLUS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EOLS	999
EOLS	OPTN	EVOLUS iNC	Yes	Yes	25.00	37.50	100	1.00	No	No	EOLS	999
EOSE	EQUI	Eos Energy Enterprises, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	EOSE	999
EOSE	OPTN	Eos Energy Enterprises, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	EOSE	999
EOSEW	WARR	EOS Energy Enterprises Inc (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	EOSE	999
EPAC	EQUI	Enerpac Tool Group Corp.	Yes	Yes	0.00	0.00	1	1.00	No	No	EPAC	999
EPAC	OPTN	Enerpac Tool Group Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	EPAC	999
EPAM	EQUI	EPAM SYS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EPAM	999
EPAM	OPTN	EPAM Systems Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	EPAM	999
EPC	EQUI	Edgewell Personal Care Company	Yes	Yes	0.00	0.00	1	1.00	No	No	EPC	999
EPC	OPTN	Edgewell Personal Care Company	Yes	Yes	25.00	37.50	100	1.00	No	No	EPC	999
EPD	EQUI	ENTERPRISE PRODS PARTNERS L	Yes	Yes	0.00	0.00	1	1.00	No	No	EPD	999
EPD	OPTN	ENTERPRISE PROD PARTNERS L.PI	Yes	Yes	25.00	37.50	100	1.00	No	No	EPD	999
2EPD	OPTN	ENTERPRISE PROD PARTNERS L.PI (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EPD	999
EPHE	EQUI	ISHARES TRMSCI PHILIPS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EPHE	999
EPI	EQUI	WisdomTree India Earning	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EPI	999
EPI	OPTN	WisdomTree India Earning Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EPI	999
2EPI	OPTN	WisdomTree India Earning Fund (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EPI	999
EPIX	EQUI	ESSA PHARMA INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	EPIX	999
EPIX	OPTN	ESSA PHARMA INC	Yes	Yes	25.00	37.50	100	1.00	No	No	EPIX	999
EPM	EQUI	Evolution Petroleum Corp	Yes	Yes	0.00	0.00	1	1.00	No	No	EPM	999
EPM	OPTN	Evolution Petroleum Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	EPM	999
EPOL	EQUI	ISHARES TRMSCI POLAND ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EPOL	999
EPP	EQUI	iShares MSCI Pacific ex Japan ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EPP	999
EPP	OPTN	iShares MSCI Pacific ex Japan ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EPP	999
EPR	EQUI	EPR Properties	Yes	Yes	0.00	0.00	1	1.00	No	No	EPR	999
EPR	OPTN	EPR Properties	Yes	Yes	25.00	37.50	100	1.00	No	No	EPR	999
2EPR	OPTN	EPR Properties (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EPR	999
EPRT	EQUI	ESSENTIAL PPTYS RLTY TR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EPRT	999
EPRT	OPTN	Essential Properties Realty Trust Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	EPRT	999
2EPRT	OPTN	Essential Properties Realty Trust Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EPRT	999
EPS	EQUI	WISDOMTREE TRUS LARGE CAP FUND	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EPS	999
EPS	OPTN	WISDOMTREE U.S. LARGE CAP FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EPS	999
EPSN	EQUI	EPSILON ENERGY LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EPSN	999
EPSN	OPTN	EPSILON ENERGY LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	EPSN	999
EPU	EQUI	ISHARES TRMSCI PERU AND GL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EPU	999

## RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
EQ	EQUI	EQUILLIUM INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EQ	999
EQ	OPTN	EQUILLIUM, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	EQ	999
EQAL	EQUI	INVESCO EXCH TRADED FD TR IIRUSEL 1000 EQL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EQAL	999
EQAL	OPTN	INVESCO RUSSELL 1000 EQUAL WEIGHT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EQAL	999
EQBK	EQUI	EQUITY BANCSHARES INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	EQBK	999
EQBK	OPTN	EQUITY BANCSHARES, INC. CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	EQBK	999
EQC	EQUI	Equity Commonwealth	Yes	Yes	0.00	0.00	1	1.00	No	No	EQC	999
EQC	OPTN	Equity Commonwealth	Yes	Yes	25.00	37.50	100	1.00	No	No	EQC	999
EQC1	OPTN	Equity Commonwealth (Cash Distribution)	Yes	Yes	25.00	37.50	100	1.00	No	No	EQC	999
EQH	EQUI	Equitable Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	EQH	999
EQH	OPTN	Equitable Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	EQH	999
EQIX	EQUI	Equinix, Inc. REIT	Yes	Yes	0.00	0.00	1	1.00	No	No	EQIX	999
EQIX	OPTN	Equinix, Inc. REIT	Yes	Yes	25.00	37.50	100	1.00	No	No	EQIX	999
2EQIX	OPTN	Equinix, Inc. REIT (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EQIX	999
EQL	EQUI	ALPS ETF TREQUAL SEC ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EQL	999
EQL	OPTN	ALPS EQUAL SECTOR WEIGHT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EQL	999
EQNR	EQUI	Equinor ASA	Yes	Yes	0.00	0.00	1	1.00	No	No	EQNR	999
EQNR	OPTN	Equinor ASA	Yes	Yes	25.00	37.50	100	1.00	No	No	EQNR	999
EQR	EQUI	EQUITY RESIDENTIAL	Yes	Yes	0.00	0.00	1	1.00	No	No	EQR	999
EQR	OPTN	EQUITY RESIDENTIAL	Yes	Yes	25.00	37.50	100	1.00	No	No	EQR	999
2EQR	OPTN	EQUITY RESIDENTIAL (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EQR	999
EQT	EQUI	EQT Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	EQT	999
EQT	OPTN	EQT Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	EQT	999
EQT1	OPTN	EQUITRANS MIDSTREAM CORP. (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	EQT	999
2EQT	OPTN	EQT Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EQT	999
EQTY	EQUI	VALUED ADVISERS TRKOVITZ CORE EQT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EQTY	999
EQTY	OPTN	KOVITZ CORE EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EQTY	999
EQWL	EQUI	INVESCO EXCHANGE TRADED FD TS&P 100 EQL WIGH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EQWL	999
EQWL	OPTN	INVESCO S&P 100 EQUAL WEIGHT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EQWL	999
EQX	EQUI	EQUINOX GOLD CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EQX	999
EQX	OPTN	EQUINOX GOLD CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	EQX	999
ERAS	EQUI	ERASCA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ERAS	999
ERAS	OPTN	ERASCA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ERAS	999
ERIC	EQUI	Ericsson	Yes	Yes	0.00	0.00	1	1.00	No	No	ERIC	999
ERIC	OPTN	Ericsson	Yes	Yes	25.00	37.50	100	1.00	No	No	ERIC	999
ERIE	EQUI	ERIE INDTY COCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	ERIE	999
ERIE	OPTN	Erie Indemnity Company Cl A	Yes	Yes	25.00	37.50	100	1.00	No	No	ERIE	999
2ERIE	OPTN	Erie Indemnity Company Cl A (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ERIE	999
ERII	EQUI	ENERGY RECOVERY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ERII	999
ERII	OPTN	Energy Recovery Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ERII	999
ERJ	EQUI	Embraer S.A.	Yes	Yes	0.00	0.00	1	1.00	No	No	ERJ	999
ERJ	OPTN	Embraer S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	ERJ	999
ERO	EQUI	ERO COPPER CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ERO	999
ERO	OPTN	ERO COPPER CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	ERO	999
ERTH	EQUI	INVESCO EXCHANGE TRADED FD TINVESCO MSCI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ERTH	999
ERTH	OPTN	INVESCO MSCI SUSTAINABLE FUTURE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ERTH	999
ES	EQUI	Eversource Energy	Yes	Yes	0.00	0.00	1	1.00	No	No	ES	999
ES	OPTN	Eversource Energy	Yes	Yes	25.00	37.50	100	1.00	No	No	ES	999
2ES	OPTN	Eversource Energy (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ES	999
ESAB	EQUI	ESAB CORPORATIONCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ESAB	999



RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
ESAB	OPTN	ESAB CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	ESAB	999
ESCA	EQUI	ESCALADE INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ESCA	999
ESCA	OPTN	Escalade Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ESCA	999
ESE	EQUI	ESCO TECHNOLOGIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ESE	999
ESE	OPTN	ESCO TECH INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ESE	999
ESGE	EQUI	iShares, Inc. iShares ESG Aware MSCI EM ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ESGE	999
ESGE	OPTN	iShares, Inc. iShares ESG Aware MSCI EM ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ESGE	999
ESGR	EQUI	ENSTAR GROUP LIMITEDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	ESGR	999
ESGR	OPTN	ENSTAR GROUP LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	ESGR	999
ESGU	EQUI	iShares Trust iShares ESG Aware MSCI USA ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ESGU	999
ESGU	OPTN	iShares Trust iShares ESG Aware MSCI USA ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ESGU	999
ESI	EQUI	Element Solutions Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ESI	999
ESI	OPTN	Element Solutions Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ESI	999
ESLT	EQUI	ELBIT SYS LTDORD	Yes	Yes	0.00	0.00	1	1.00	No	No	ESLT	999
ESLT	OPTN	ELBIT SYSTEMS LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	ESLT	999
ESML	EQUI	iShares ESG MSCI Small-Cap ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ESML	999
ESNT	EQUI	ESSENT GROUP LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ESNT	999
ESNT	OPTN	Essent Group Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	ESNT	999
2ESNT	OPTN	Essent Group Ltd. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ESNT	999
ESPO	EQUI	VanEck Video Gaming and eSports ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ESPO	999
ESPO	OPTN	VanEck Video Gaming and eSports ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ESPO	999
ESPR	EQUI	ESPERION THERAPEUTICS INC NECOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ESPR	999
ESPR	OPTN	Esperion Therapeutics Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ESPR	999
ESRT	EQUI	EMPIRE ST RLTY TR INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	ESRT	999
ESRT	OPTN	Empire State Realty	Yes	Yes	25.00	37.50	100	1.00	No	No	ESRT	999
ESS	EQUI	ESSEX PPTY TR INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ESS	999
ESS	OPTN	Essex Property Trust, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ESS	999
ESSA	EQUI	ESSA BANCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ESSA	999
ESSA	OPTN	ESSA BANCORP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ESSA	999
ESTA	EQUI	ESTABLISHMENT LABS HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ESTA	999
ESTA	OPTN	ESTABLISHMENT LABS HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ESTA	999
ESTC	EQUI	ELASTIC N VORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	ESTC	999
ESTC	OPTN	ELASTIC NV	Yes	Yes	25.00	37.50	100	1.00	No	No	ESTC	999
ET	EQUI	Energy Transfer LP	Yes	Yes	0.00	0.00	1	1.00	No	No	ET	999
ET	OPTN	Energy Transfer LP	Yes	Yes	25.00	37.50	100	1.00	No	No	ET	999
1ET	OPTN	Energy Transfer LP (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ET	999
2ET	OPTN	Energy Transfer LP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ET	999
ETD	EQUI	ETHAN ALLEN INTERIORS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ETD	999
ETD	OPTN	ETHAN ALLEN INTERIORS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ETD	999
ETHA	EQUI	ISHARES ETHEREUM TRSHS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ETHA	999
ETHD	EQUI	PROSHARES TRULTRASHORT ETHER	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	ETHD	999
ETHD	OPTN	PROSHARES ULTRASHORT ETHER ETF	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	ETHD	999
ETHE	EQUI	GRAYSCALE ETHEREUM TRUST ETFSHS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ETHE	999
ETHO	EQUI	AMPLIFY ETF TRAMPLIFY ETHO CLI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ETHO	999
ETHT	EQUI	PROSHARES TRULTRA ETHER ETF	Yes	Yes	0.00	0.00	1	2.00	Yes	No	ETHT	999
ETHT	OPTN	PROSHARES ULTRA ETHER ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	ETHT	999
ETHU	EQUI	VOLATILITY SHS TR2X ETHER ETF	Yes	Yes	0.00	0.00	1	2.00	Yes	No	ETHU	999
ETHU	OPTN	2X ETHER ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	ETHU	999
ETN	EQUI	Eaton Corporation, plc	Yes	Yes	0.00	0.00	1	1.00	No	No	ETN	999
ETN	OPTN	Eaton Corporation, plc	Yes	Yes	25.00	37.50	100	1.00	No	No	ETN	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
2ETN	OPTN	Eaton Corporation, plc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ETN	999
ETNB	EQUI	89BIO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ETNB	999
ETNB	OPTN	89BIO INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ETNB	999
ETON	EQUI	ETON PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ETON	999
ETON	OPTN	ETON PHARMACEUTICALS, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ETON	999
ETQ	EQUI	T-REX 2X INVERSE ETHER DAILY TARGET	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	ETQ	999
ETQ	OPTN	T-REX 2X INVERSE ETHER DAILY TARGET	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	ETQ	999
ETR	EQUI	ENTERGY CORP NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ETR	999
ETR	OPTN	ENTERGY CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	ETR	999
2ETR	OPTN	ENTERGY CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ETR	999
ETSY	EQUI	ETSY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ETSY	999
ETSY	OPTN	Etsy Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ETSY	999
2ETSY	OPTN	Etsy Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ETSY	999
ETU	EQUI	T-REX 2X LONG ETHER DAILY TARGET	Yes	Yes	0.00	0.00	1	2.00	Yes	No	ETU	999
ETU	OPTN	T-REX 2X LONG ETHER DAILY TARGET	Yes	Yes	25.00	37.50	100	2.00	Yes	No	ETU	999
ETWO	EQUI	E2open Parent Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ETWO	999
ETWO	OPTN	E2open Parent Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ETWO	999
ETWOW	WARR	E2open Parent Holdings, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	ETWO	999
EU	EQUI	ENCORE ENERGY CORP.	Yes	Yes	0.00	0.00	1	1.00	No	No	EU	999
EU	OPTN	ENCORE ENERGY CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	EU	999
EUDG	EQUI	WISDOMTREE TREURO QTLY DIV GR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EUDG	999
EUDG	OPTN	WISDOMTREE EUROPE QUALITY DIVIDEND GROWTH FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EUDG	999
EUFN	EQUI	ISHARESMSCI EURO FL ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EUFN	999
EUFN	OPTN	iShares MSCI Europe Financials ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EUFN	999
EURL	EQUI	DIREXION SHS ETF TRDLY FTS BUL 3X	Yes	Yes	0.00	0.00	1	3.00	Yes	No	EURL	999
EURL	OPTN	Direxion Daily FTSE Europe Bull 3x Shares	Yes	Yes	25.00	37.50	100	3.00	Yes	No	EURL	999
EUSA	EQUI	ISHARES INCMSCI EQUAL WEITE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EUSA	999
EUSA	OPTN	ISHARES MSCI USA EQUAL WEIGHTED ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EUSA	999
EUSC	EQUI	WisdomTree Europe Hedged SmallCap Equity Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EUSC	999
EUSC	OPTN	WISDOMTREE EUROPE HEDGED SMALLCAP EQUITY FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EUSC	999
EVAV	EQUI	DIREXION SHS ETF TRDLY ELCT AND AUT	Yes	Yes	0.00	0.00	1	2.00	Yes	No	EVAV	999
EVAV	OPTN	DIREXION DAILY ELECTRIC AND AUTON BULL 2X SHARES	Yes	Yes	25.00	37.50	100	2.00	Yes	No	EVAV	999
EVC	EQUI	ENTRAVISION COMMUNICATIONS C	Yes	Yes	0.00	0.00	1	1.00	No	No	EVC	999
EVC	OPTN	Entravision Communications Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	EVC	999
EVCM	EQUI	EVERCOMMERCE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EVCM	999
EVCM	OPTN	EVERCOMMERCE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	EVCM	999
EVER	EQUI	EVERQUOTE INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	EVER	999
EVER	OPTN	EVERQUOTE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	EVER	999
EVEX	EQUI	Eve Holding, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	EVEX	999
EVEX	OPTN	Eve Holding, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	EVEX	999
EVEXWS	WARR	Eve Holding Inc (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	EVEX	999
EVGO	EQUI	EVgo Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	EVGO	999
EVGO	OPTN	EVgo Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	EVGO	999
EVGOW	WARR	EVGO Inc (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	EVGO	999
EVH	EQUI	EVOLENT HEALTH INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	EVH	999
EVH	OPTN	Evolent Health Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	EVH	999
EVLV	EQUI	Evolv Technologies Holdings, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	EVLV	999
EVLV	OPTN	Evolv Technologies Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	EVLV	999
EVLVW	WARR	Evolv Technologies Holdings, Inc. Class A(Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	EVLV	999
EVMT	EQUI	INVESCO ACTIVELY MNGD ETC FDEL C VEH MTL S CDT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EVMT	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
EVMT	OPTN	INVESCO ELECTRIC VEHICLE METALS COMMODITY	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EVMT	999
EVR	EQUI	Evercore Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	EVR	999
EVR	OPTN	Evercore Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	EVR	999
EVRG	EQUI	Evergy, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	EVRG	999
EVRG	OPTN	Evergy, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	EVRG	999
1EVRG	OPTN	Evergy, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EVRG	999
2EVRG	OPTN	Evergy, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EVRG	999
EVRI	EQUI	Everi Holdings Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	EVRI	999
EVRI	OPTN	Everi Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	EVRI	999
EVTC	EQUI	EVERTEC INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EVTC	999
EVTC	OPTN	EVERTEC Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	EVTC	999
EVTL	EQUI	Vertical Aerospace Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	EVTL	999
EVTL1	OPTN	Vertical Aerospace Ltd. (1:10 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	EVTL	999
EVTWF	WARR	Vertical Aerospace Ltd. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	EVTL	999
EVTV	EQUI	ENVIROTECH VEHICLES INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	EVTV	999
EVTV	OPTN	ENVIROTECH VEHICLES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	EVTV	999
EVX	EQUI	VanEck Environmental Services ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EVX	999
EVX	OPTN	VanEck Environmental Services ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EVX	999
EW	EQUI	EDWARDS LIFESCIENCES CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	EW	999
EW	OPTN	EDWARDS LIFESCIENCES CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	EW	999
2EW	OPTN	EDWARDS LIFESCIENCES CORP. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EW	999
EWA	EQUI	iShares MSCI Australia ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EWA	999
EWA	OPTN	iShares MSCI Australia ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWA	999
2EWA	OPTN	iShares MSCI Australia ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWA	999
EWBC	EQUI	EAST WEST BANCORP INC	Yes	Yes	0.00	0.00	1	1.00	No	No	EWBC	999
EWBC	OPTN	EAST WEST BANCORP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	EWBC	999
EWC	EQUI	iShares MSCI Canada ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EWC	999
MCL	FUTU	Mini MSCI Canada Index Future	Yes	No	12.50		50	1.00	No	No	EWC	999
EWC	OPTN	iShares MSCI Canada ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWC	999
EWCZ	EQUI	EUROPEAN WAX CTR INCCCLASS A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	EWCZ	999
EWCZ	OPTN	EUROPEAN WAX CENTER, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	EWCZ	999
EWD	EQUI	iShares MSCI Sweden ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EWD	999
EWD	OPTN	iShares MSCI Sweden ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWD	999
EWG	EQUI	iShares MSCI Germany ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EWG	999
EWG	OPTN	iShares MSCI Germany ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWG	999
EWGS	EQUI	iShares MSCI Germany Small Cap Index Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EWGS	999
EWGS	OPTN	ISHARES MSCI GERMANY SMALL CAP ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWGS	999
EWH	EQUI	iShares MSCI Hong Kong ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EWH	999
EWH	OPTN	iShares MSCI Hong Kong ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWH	999
EWI	EQUI	iShares MSCI Italy ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EWI	999
EWI	OPTN	iShares MSCI Italy ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWI	999
EWK	EQUI	iShares MSCI Belgium ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EWK	999
EWK	OPTN	iShares MSCI Belgium ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWK	999
EWL	EQUI	iShares MSCI Switzerland ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EWL	999
EWL	OPTN	iShares MSCI Switzerland ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWL	999
EWM	EQUI	iShares MSCI Malaysia ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EWM	999
EWM	OPTN	iShares MSCI Malaysia ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWM	999
GRPM	EQUI	Invesco S&P MidCap 400 GARP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EWMC	999
GRPM	OPTN	Invesco S&P MidCap 400 GARP ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWMC	999
EWN	EQUI	iShares MSCI Netherlands ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EWN	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
EWN	OPTN	iShares MSCI Netherlands ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWN	999
EWO	EQUI	ISHARES INCMSCI AUSTRIA ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EWO	999
EWP	EQUI	iShares MSCI Spain ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EWP	999
EWP	OPTN	iShares MSCI Spain ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWP	999
EWQ	EQUI	iShares MSCI France ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EWQ	999
EWQ	OPTN	iShares MSCI France ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWQ	999
EWS	EQUI	iShares MSCI Singapore ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EWS	999
EWS	OPTN	iShares MSCI Singapore ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWS	999
EWT	EQUI	iShares MSCI Taiwan ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EWT	999
EWT	OPTN	iShares MSCI Taiwan ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWT	999
EWTX	EQUI	EDGEWISE THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EWTX	999
EWTX	OPTN	EDGEWISE THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	EWTX	999
1EWTX	OPTN	EDGEWISE THERAPEUTICS, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EWTX	999
EWU	EQUI	iShares MSCI United Kingdom ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EWU	999
EWU	OPTN	iShares MSCI United Kingdom ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWU	999
EWUS	EQUI	iShares MSCI United Kingdom Small Cap Index Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EWUS	999
EWUS	OPTN	ISHARES MSCI UNITED KINGDOM SMALL CAP ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWUS	999
EWV	EQUI	iShares MSCI Mexico ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EWV	999
EWV	OPTN	iShares MSCI Mexico ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWV	999
EWY	EQUI	iShares MSCI South Korea ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EWY	999
EWY	OPTN	iShares MSCI South Korea ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWY	999
BRZU	EQUI	Direxion Daily MSCI Brazil Bull 2X Shares	Yes	Yes	0.00	0.00	1	2.00	Yes	No	EWZ	999
BZQ	EQUI	ProShares UltraShort MSCI Brazil Capped	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	EWZ	999
EWZ	EQUI	iShares MSCI Brazil ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EWZ	999
UBR	EQUI	PROSHARES TRULTRA MSCI BRAZI	Yes	Yes	0.00	0.00	1	2.00	Yes	No	EWZ	999
BRZU	OPTN	Direxion Daily MSCI Brazil Bull 2X Shares	Yes	Yes	25.00	37.50	100	2.00	Yes	No	EWZ	999
BZQ	OPTN	ProShares UltraShort MSCI Brazil Capped	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	EWZ	999
EWZ	OPTN	iShares MSCI Brazil ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWZ	999
UBR	OPTN	PROSHARES ULTRA MSCI BRAZIL CAPPED	Yes	Yes	25.00	37.50	100	2.00	Yes	No	EWZ	999
1EWZ	OPTN	iShares MSCI Brazil ETF (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWZ	999
2EWZ	OPTN	iShares MSCI Brazil ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWZ	999
EWZS	EQUI	ISHARES TRBRAZIL SM-CP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EWZS	999
EWZS	OPTN	ISHARES MSCI BRAZIL SMALL-CAP ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EWZS	999
EXAS	EQUI	EXACT SCIENCES CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	EXAS	999
EXAS	OPTN	Exact Sciences Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	EXAS	999
2EXAS	OPTN	Exact Sciences Corp. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EXAS	999
EXC	EQUI	EXELON CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	EXC	999
EXC	OPTN	EXELON CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	EXC	999
2EXC	OPTN	EXELON CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EXC	999
EXE	EQUI	Expand Energy Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	EXE	999
EXE	OPTN	Expand Energy Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	EXE	999
EXE1	OPTN	SOUTHWESTERN ENERGY COMPANY (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	EXE	999
2EXE	OPTN	Expand Energy Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EXE	999
EXEEL	WARR	CHESAPEAKE ENERGY CORPORATION (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	EXE	999
EXEEW	WARR	CHESAPEAKE ENERGY CORPORATION (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	EXE	999
EXEEZ	WARR	CHESAPEAKE ENERGY CORPORATION (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	EXE	999
EXEL	EQUI	EXELIXIS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	EXEL	999
EXEL	OPTN	EXELISIS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	EXEL	999
EXFY	EQUI	EXPENSIFY INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	EXFY	999
EXFY	OPTN	EXPENSIFY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	EXFY	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
EXI	EQUI	ISHARES TRGLOB INDSTRL ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EXI	999
EXI	OPTN	ISHARES GLOBAL INDUSTRIALS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EXI	999
EXK	EQUI	ENDEAVOUR SILVER CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EXK	999
EXK	OPTN	Endeavour Silver Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	EXK	999
EXLS	EQUI	EXLSERVICE HOLDINGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EXLS	999
EXLS	OPTN	ExlService Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	EXLS	999
EXP	EQUI	EAGLE MATERIALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EXP	999
EXP	OPTN	EAGLE MATERIALS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	EXP	999
EXPD	EQUI	EXPEDITORS INTL WASH INC	Yes	Yes	0.00	0.00	1	1.00	No	No	EXPD	999
EXPD	OPTN	EXPEDITORS INTERNATIONAL	Yes	Yes	25.00	37.50	100	1.00	No	No	EXPD	999
EXPE	EQUI	Expedia Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	EXPE	999
EXPE	OPTN	Expedia Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	EXPE	999
2EXPE	OPTN	Expedia Group, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EXPE	999
EXPI	EQUI	EXP WORLD HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EXPI	999
EXPI	OPTN	EXP WORLD HOLDINGS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	EXPI	999
EXPO	EQUI	EXPONENT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EXPO	999
EXPO	OPTN	Exponent Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	EXPO	999
EXR	EQUI	EXTRA SPACE STORAGE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EXR	999
EXR	OPTN	Extra Space Storage Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	EXR	999
2EXR	OPTN	Extra Space Storage Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	EXR	999
EXTR	EQUI	EXTREME NETWORKS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	EXTR	999
EXTR	OPTN	EXTREME METWORKS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	EXTR	999
EYE	EQUI	NATIONAL VISION HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EYE	999
EYE	OPTN	NATIONAL VISION HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	EYE	999
EYEN	EQUI	EYENOVIA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	EYEN	999
EYEN1	OPTN	EYENOVIA, INC. (1:80 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	EYEN	999
EYPT	EQUI	EyePoint Pharmaceuticals, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	EYPT	999
EYPT	OPTN	EyePoint Pharmaceuticals, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	EYPT	999
EZA	EQUI	iShares MSCI South Africa ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EZA	999
EZA	OPTN	iShares MSCI South Africa ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EZA	999
EZM	EQUI	WISDOMTREE TRUS MIDCAP FUND	Yes	Yes	0.00	0.00	1	1.00	Yes	No	EZM	999
EZM	OPTN	WISDOMTREE U.S. MIDCAP FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	EZM	999
EZPW	EQUI	EZCORP INC	Yes	Yes	0.00	0.00	1	1.00	No	No	EZPW	999
EZPW	OPTN	EZCORP, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	EZPW	999
F	EQUI	FORD MTR CO DEL	Yes	Yes	0.00	0.00	1	1.00	No	No	F	999
F	OPTN	FORD MOTOR COMPANY	Yes	Yes	25.00	37.50	100	1.00	No	No	F	999
1F	OPTN	FORD MOTOR COMPANY (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	F	999
2F	OPTN	FORD MOTOR COMPANY (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	F	999
FA	EQUI	FIRST ADVANTAGE CORP NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FA	999
FA	OPTN	FIRST ADVANTAGE CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	FA	999
FAB	EQUI	FIRST TR MULTI CP VAL ALPHASHS ISSUED FRST	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FAB	999
FAB	OPTN	FIRST TRUST MULTI CAP VALUE ALPHADEX FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FAB	999
FAD	EQUI	FIRST TR MULTI CAP GROWTH ALCOM SHS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FAD	999
FAD	OPTN	FIRST TRUST MULTI CAP GROWTH ALPHADEX FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FAD	999
FAF	EQUI	FIRST AMERN FINL CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FAF	999
FAF	OPTN	First American Financial Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	FAF	999
FALN	EQUI	ISHARES TRFALN ANGLS USD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FALN	999
FALN	OPTN	ISHARES FALLEN ANGELS USD BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FALN	999
FAN	EQUI	FIRST TR EXCHANGE-TRADED FDGBL WND ENRG ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FAN	999
FAN	OPTN	FIRST TRUST GLOBAL WIND ENERGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FAN	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
FANG	EQUI	DIAMONDBACK ENERGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FANG	999
FANG	OPTN	Diamondback Energy Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	FANG	999
2FANG	OPTN	Diamondback Energy Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FANG	999
FARM	EQUI	FARMER BROS COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FARM	999
FARM	OPTN	FARMER BROS. CO.	Yes	Yes	25.00	37.50	100	1.00	No	No	FARM	999
FARO	EQUI	FARO TECHNOLOGIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FARO	999
FARO	OPTN	FARO TECHNOLOGIES	Yes	Yes	25.00	37.50	100	1.00	No	No	FARO	999
FAST	EQUI	FASTENAL COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FAST	999
FAST	OPTN	FASTENAL COMPANY	Yes	Yes	25.00	37.50	100	1.00	No	No	FAST	999
FATE	EQUI	FATE THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FATE	999
FATE	OPTN	Fate Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FATE	999
FBIN	EQUI	Fortune Brands Innovations, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	FBIN	999
FBIN	OPTN	Fortune Brands Innovations, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FBIN	999
FBIO	EQUI	Fortress Biotech, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	FBIO	999
FBIO	OPTN	FORTRESS BIOTECH, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FBIO	999
FBIZ	EQUI	First Business Financial Services, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	FBIZ	999
FBIZ	OPTN	First Business Financial Services, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	FBIZ	999
FBK	EQUI	FB FINL CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FBK	999
FBK	OPTN	FB Financial Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	FBK	999
FBL	EQUI	GraniteShares ETF Trust 2x Long META Daily ETF	Yes	Yes	0.00	0.00	1	2.00	Yes	No	FBL	999
FBL	OPTN	GraniteShares ETF Trust 2x Long META Daily ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	FBL	999
FBNC	EQUI	FIRST BANCORP N C	Yes	Yes	0.00	0.00	1	1.00	No	No	FBNC	999
FBNC	OPTN	First Bancorp	Yes	Yes	25.00	37.50	100	1.00	No	No	FBNC	999
FBOT	EQUI	FIDELITY COVINGTON TRUSTDISRUPTIVE AUTOM	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FBOT	999
FBOT	OPTN	FIDELITY DISRUPTIVE AUTOMATION ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FBOT	999
FBP	EQUI	FIRST BANCORP P RCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FBP	999
FBP	OPTN	FIRST BANCORP PUERTO RICO	Yes	Yes	25.00	37.50	100	1.00	No	No	FBP	999
FBRT	EQUI	Franklin BSP Realty Trust, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	FBRT	999
FBRT	OPTN	FRANKLIN BSP REALTY TRUST, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FBRT	999
FBTC	EQUI	Fidelity Wise Origin Bitcoin	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FBTC	999
FBTC	OPTN	FIDELITY WISE ORIGIN BITCOIN	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FBTC	999
FBY	EQUI	TIDAL ETF TR IYIELDMAX META	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FBY	999
FBY	OPTN	YIELDMAX META OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FBY	999
FBZ	EQUI	FIRST TR EXCH TRD ALPHDX FDBRAZIL ALPHADEX	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FBZ	999
FBZ	OPTN	FIRST TRUST BRAZIL ALPHADEX FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FBZ	999
FC	EQUI	FRANKLIN COVEY COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FC	999
FC	OPTN	Franklin Covey Co.	Yes	Yes	25.00	37.50	100	1.00	No	No	FC	999
FCA	EQUI	FIRST TR EXCH TRD ALPHA FD ICHINA ALPHADEX	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FCA	999
FCA	OPTN	First Trust China AlphaDEX Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FCA	999
FCBC	EQUI	First Community Bankshares, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	FCBC	999
FCBC	OPTN	First Community Bankshares, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FCBC	999
FCEL	EQUI	FUELCELL ENERGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FCEL	999
FCEL	OPTN	FUELCELL ENERGY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FCEL	999
FCEL1	OPTN	FUELCELL ENERGY, INC. (1:30 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	FCEL	999
FCF	EQUI	FIRST COMWLTH FINL CORP PACOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FCF	999
FCF	OPTN	First Commonwealth Financial Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	FCF	999
FCFS	EQUI	FirstCash Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	FCFS	999
FCFS	OPTN	FirstCash Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FCFS	999
FCLD	EQUI	FIDELITY CLOUD COMPUTING ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FCLD	999
FCLD	OPTN	FIDELITY CLOUD COMPUTING ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FCLD	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
FCN	EQUI	FTI CONSULTING INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FCN	999
FCN	OPTN	FTI CONSULTING, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FCN	999
FCNCA	EQUI	First Citizens Bancshares Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	FCNCA	999
FCNCA	OPTN	FIRST CITIZENS BANCSHARES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FCNCA	999
FCOM	EQUI	FIDELITY COVINGTON TRUSTMSCI COMMNTN SVC	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FCOM	999
FCOM	OPTN	FIDELITY MSCI COMMUN SERVICES	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FCOM	999
FCPI	EQUI	FIDELITY STOCKS FOR INFLATION ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FCPI	999
FCPI	OPTN	FIDELITY STOCKS FOR INFLATION ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FCPI	999
FCPT	EQUI	FOUR CORNERS PPTY TR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FCPT	999
FCPT	OPTN	Four Corners Property Trust Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FCPT	999
FCUV	EQUI	FOCUS UNVL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FCUV	999
FCUV1	OPTN	FOCUS UNIVERSAL INC (1:10 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	FCUV	999
FCX	EQUI	Freeport-McMoRan Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	FCX	999
FCX	OPTN	Freeport-McMoRan Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FCX	999
2FCX	OPTN	Freeport-McMoRan Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FCX	999
FDD	EQUI	FIRST TR STOXX EUROPEAN SELECOMMON SHS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FDD	999
FDD	OPTN	FIRST TRUST STOXX EUROPEAN SELECT DIVIDEND INDEX	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FDD	999
FDHT	EQUI	FIDELITY DIGITAL HEALTH ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FDHT	999
FDHT	OPTN	FIDELITY DIGITAL HEALTH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FDHT	999
FDIG	EQUI	FIDELITY COVINGTON TRUSTCRYPTO IND & DIG	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FDIG	999
FDIG	OPTN	FIDELITY CRYPTO INDUSTRY AND DIGITAL PAYMENTS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FDIG	999
FDIS	EQUI	FIDELITYMSCI CONSM DIS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FDIS	999
FDIS	OPTN	FIDELITY MSCI CONSUMER DISCRETIONARY INDEX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FDIS	999
FDL	EQUI	First Trust Morningstar Div Leaders Index Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FDL	999
FDL	OPTN	FIRST TRUST MORNINGSTAR DIVIDEND LRADERS	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FDL	999
FDLO	EQUI	FIDELITY COVINGTON TRUSTLOW VOLITY ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FDLO	999
FDLO	OPTN	FIDELITY LOW VOLATILITY FACTOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FDLO	999
FDM	EQUI	FIRST TR DOW JONES SELECT MICOM SHS ANNUAL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FDM	999
FDMO	EQUI	FIDELITY COVINGTON TRUSTMOMENTUM FACTR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FDMO	999
FDMO	OPTN	FIDELITY MOMENTUM FACTOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FDMO	999
FDMT	EQUI	4D MOLECULAR THERAPEUTICS INCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FDMT	999
FDMT	OPTN	4D MOLECULAR THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FDMT	999
FDN	EQUI	First Trust Dow Jones Internet Index Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FDN	999
WEBL	EQUI	DIREXION SHS ETF TRDAILY DJ BULL	Yes	Yes	0.00	0.00	1	3.00	Yes	No	FDN	999
WEBS	EQUI	DIREXION SHS ETF TRDAILY DJ BEAR	Yes	Yes	0.00	0.00	1	-3.00	Yes	No	FDN	999
FDN	OPTN	First Trust Dow Jones Internet Index Fund ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FDN	999
WEBL	OPTN	DIREXION DAILY DOW JONES INTERNET BULL 3X SHARES	Yes	Yes	25.00	37.50	100	3.00	Yes	No	FDN	999
WEBS	OPTN	DIREXION DAILY DOW JONES INTERNET BEAR 3X SHARES	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	FDN	999
WEBS1	OPTN	DIREXION DAILY DOW JONES INTERNET BEAR 3X SH(1:10)	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	FDN	999
FDNI	EQUI	FIRST TR EXCHANGE TRADED FDDJ INTL INTRNT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FDNI	999
FDNI	OPTN	FIRST TRUST DOW JONES INTERNATIONAL INTERNET ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FDNI	999
FDP	EQUI	FRESH DEL MONTE PRODUCE INCORD	Yes	Yes	0.00	0.00	1	1.00	No	No	FDP	999
FDP	OPTN	FRESH DEL MONTE PRODUCE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	FDP	999
FDRR	EQUI	FIDELITY COVINGTON TRUSTDIVID ETF RISI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FDRR	999
FDRR	OPTN	FIDELITY DIVIDEND ETF FOR RISING RATES	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FDRR	999
FDRV	EQUI	FIDELITY COVINGTON TRUSTELEC VEHS & FUTR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FDRV	999
FDRV	OPTN	FIDELITY ELECTRIC VEHICLES AND FUTURE TRANS	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FDRV	999
FDS	EQUI	FACTSET RESH SYS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FDS	999
FDS	OPTN	FACTSET RESEARCH SYSTEMS	Yes	Yes	25.00	37.50	100	1.00	No	No	FDS	999
FDT	EQUI	FIRST TR EXCH TRD ALPHDX FDDEV MRK EX US	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FDT	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
FDT	OPTN	FIRST TRUST DEVELOPED MARKETS EX-US ALPHADDEX	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FDT	999
FDUS	EQUI	Fidus Investment Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	FDUS	999
FDUS	OPTN	Fidus Investment Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	FDUS	999
FDV	EQUI	FEDERATED HERMES ETF TRUSTUS STRATEGIC DIV	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FDV	999
FDV	OPTN	FEDERATED HERMES ETF TRUST US STRATEGIC DIV	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FDV	999
FDVV	EQUI	FIDELITY COVINGTON TRUSTHIGH DIVID ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FDVV	999
FDVV	OPTN	FIDELITY HIGH DIVIDEND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FDVV	999
FDX	EQUI	FEDEX CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	FDX	999
FDX	OPTN	FEDEX CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	FDX	999
2FDX	OPTN	FEDEX CORP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FDX	999
FE	EQUI	FIRSTENERGY CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	FE	999
FE	OPTN	FIRSTENERGY CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	FE	999
2FE	OPTN	FIRSTENERGY CORP. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FE	999
FEAM	EQUI	5E ADVANCED MATERIALS INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	FEAM	999
FEAM1	OPTN	5E ADVANCED MATERIALS, INC. (1:23 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	FEAM	999
FELC	EQUI	FIDELITY COVINGTON TRUSTENHANCED LARGE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FELC	999
FELE	EQUI	FRANKLIN ELEC INC	Yes	Yes	0.00	0.00	1	1.00	No	No	FELE	999
FELE	OPTN	Franklin Electric Co., Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FELE	999
FEM	EQUI	First Trust Emerging Markets AlphaDEX Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FEM	999
FEM	OPTN	First Trust Emerging Markets AlphaDEX Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FEM	999
FEMB	EQUI	FIRST TR EXCH TRADED FD IIIEME MRK BD ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FEMB	999
FEMS	EQUI	FIRST TR EXCH TRD ALPHDX FDEM SML CP ALPH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FEMS	999
FEMS	OPTN	FIRST TRUST EMERGING MARKETS SMALL CAP ALPHADDEX	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FEMS	999
FENC	EQUI	FENNEC PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FENC	999
FENC	OPTN	FENNEC PHARMACEUTICALS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FENC	999
FENY	EQUI	Fidelity MSCI Energy Index ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FENY	999
FENY	OPTN	Fidelity MSCI Energy Index ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FENY	999
FEP	EQUI	FIRST TR EXCH TRD ALPHA FD IEUROPE ALPHA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FEP	999
FEP	OPTN	First Trust Europe AlphaDEX Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FEP	999
FEPI	EQUI	ETF OPPORTUNITIES TRUSTREX FANG & INNOV	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FEPI	999
FEPI	OPTN	REX FANG & INNOVATION EQUITY PREMIUM INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FEPI	999
FER	EQUI	FERROVIAL SEORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	FER	999
FER	OPTN	FERROVIAL SE	Yes	Yes	25.00	37.50	100	1.00	No	No	FER	999
FERG	EQUI	Ferguson Enterprises Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	FERG	999
FERG	OPTN	Ferguson Enterprises Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FERG	999
FET	EQUI	FORUM ENERGY TECHNOLOGIES INCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FET	999
FET	OPTN	FORUM ENERGY TECHNOLOGIES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FET	999
FETH	EQUI	FIDELITY ETHEREUM FDSHS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FETH	999
FEUS	EQUI	FLEXSHARES TRESG & CLM US LRG	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FEUS	999
FEUZ	EQUI	FIRST TR EXCH TRD ALPHDX FDEURO ALPHADDEX	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FEUZ	999
FEUZ	OPTN	FIRST TRUST EUROZONE ALPHADDEX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FEUZ	999
FEX	EQUI	First Trust Large Cap Core AlphaDEX Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FEX	999
FEX	OPTN	First Trust Large Cap Core AlphaDEX Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FEX	999
FF	EQUI	FUTUREFUEL CORPORATIONCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FF	999
FF	OPTN	FutureFuel Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	FF	999
FFAI	EQUI	Faraday Future Intelligent Electric Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	FFAI	999
FFAI	OPTN	Faraday Future Intelligent Electric Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FFAI	999
FFAI1	OPTN	Faraday Future Intelligent Electric Inc.(1:80)	Yes	Yes	25.00	37.50	100	1.00	No	No	FFAI	999
FFAI3	OPTN	Faraday Future Intelligent Electric Inc.(1:40)	Yes	Yes	25.00	37.50	100	1.00	No	No	FFAI	999
FFAIW	WARR	Faraday Future Intelligent Electric Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	FFAI	999



**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
FFBC	EQUI	FIRST FINL BANCORP OH	Yes	Yes	0.00	0.00	1	1.00	No	No	FFBC	999
FFBC	OPTN	First Financial Bancorp.	Yes	Yes	25.00	37.50	100	1.00	No	No	FFBC	999
FFIC	EQUI	FLUSHING FINL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	FFIC	999
FFIC	OPTN	Flushing Financial Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	FFIC	999
FFIN	EQUI	FIRST FINL BANKSHARESCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FFIN	999
FFIN	OPTN	First Financial Bankshares Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	FFIN	999
FFIV	EQUI	F5, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	FFIV	999
FFIV	OPTN	F5, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FFIV	999
2FFIV	OPTN	F5, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FFIV	999
FFTY	EQUI	Innovator IBD 50 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FFTY	999
FFTY	OPTN	Innovator IBD 50 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FFTY	999
FFWM	EQUI	FIRST FNDTN INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FFWM	999
FFWM	OPTN	FIRST FOUNDATION, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FFWM	999
FG	EQUI	F&G ANNUITIES & LIFE INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	FG	999
FG	OPTN	F&G ANNUITIES & LIFE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	FG	999
FGD	EQUI	FIRST TR EXCHANGE TRADED FDDJ GLBL DIVID	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FGD	999
FGD	OPTN	FIRST TRUST DOW JONES GLOBAL SELECT DIVIDEND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FGD	999
FGEN	EQUI	FIBROGEN INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FGEN	999
FGEN	OPTN	FIBROGEN INC	Yes	Yes	25.00	37.50	100	1.00	No	No	FGEN	999
FGF	EQUI	Fundamental Global Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	FGF	999
FGF1	OPTN	Fundamental Global Inc.(1:25)	Yes	Yes	25.00	37.50	100	1.00	No	No	FGF	999
FGM	EQUI	FIRST TR EXCH TRD ALPHDX FDGERMANY ALPHA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FGM	999
FGM	OPTN	FIRST TRUST GERMANY ALPHADFX FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FGM	999
FHB	EQUI	FIRST HAWAIIAN INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FHB	999
FHB	OPTN	First Hawaiian Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FHB	999
FHI	EQUI	Federated Hermes, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	FHI	999
FHI	OPTN	Federated Hermes, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FHI	999
FHLC	EQUI	Fidelity MSCI Health Care Index ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FHLC	999
FHLC	OPTN	Fidelity MSCI Health Care Index ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FHLC	999
FHN	EQUI	First Horizon Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	FHN	999
FHN	OPTN	First Horizon Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	FHN	999
2FHN	OPTN	First Horizon Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FHN	999
FHTX	EQUI	FOGHORN THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FHTX	999
FHTX	OPTN	FOGHORN THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FHTX	999
FI	EQUI	FISERV INC	Yes	Yes	0.00	0.00	1	1.00	No	No	FI	999
FI	OPTN	Fiserv, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FI	999
2FI	OPTN	Fiserv, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FI	999
FIAT	EQUI	TIDAL TR IYIELDMAX SHORT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FIAT	999
FIAT	OPTN	YIELDMAX SHORT COIN OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FIAT	999
FIBK	EQUI	FIRST INTST BANCSYSTEM INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FIBK	999
FIBK	OPTN	First Interstate Bancsystem Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	FIBK	999
FICO	EQUI	FAIR ISAAC CORPORATION	Yes	Yes	0.00	0.00	1	1.00	No	No	FICO	999
FICO	OPTN	FAIR ISAAC CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	FICO	999
2FICO	OPTN	FAIR ISAAC CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FICO	999
FID	EQUI	FIRST TR EXCHANGE-TRADED FDS&P INTL DIVID	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FID	999
FID	OPTN	FIRST TRUST S&P INTERNATIONAL DIVIDEND ARISTOCRATS	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FID	999
FIDI	EQUI	FIDELITY COVINGTON TRUSTINT HG DIV ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FIDI	999
FIDI	OPTN	FIDELITY INTERNATIONAL HIGH DIVIDEND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FIDI	999
FIDU	EQUI	FIDELITYMSCI INDL INDX	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FIDU	999
FIDU	OPTN	FIDELITY MSCI INDUSTRIALS INDEX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FIDU	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
FIGS	EQUI	FIGS INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	FIGS	999
FIGS	OPTN	FIGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FIGS	999
FILL	EQUI	ISHARES INCGLB ENR PROD ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FILL	999
FILL	OPTN	ISHARES MSCI GLOBAL ENERGY PRODUCERS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FILL	999
FINV	EQUI	FinVolution Group	Yes	Yes	0.00	0.00	1	1.00	No	No	FINV	999
FINV	OPTN	FinVolution Group	Yes	Yes	25.00	37.50	100	1.00	No	No	FINV	999
FINX	EQUI	GLOBAL X FDSFINTECH ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FINX	999
FINX	OPTN	GLOBAL X FINTECH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FINX	999
FIP	EQUI	FTAI Infrastructure Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	FIP	999
FIP	OPTN	FTAI INFRASTRUCTURE INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FIP	999
FIS	EQUI	Fidelity National Information	Yes	Yes	0.00	0.00	1	1.00	No	No	FIS	999
FIS	OPTN	Fidelity National Information Services, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FIS	999
2FIS	OPTN	Fidelity National Information Services (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FIS	999
FISI	EQUI	FINANCIAL INSTNS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	FISI	999
FISI	OPTN	Financial Institutions Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FISI	999
FITB	EQUI	FIFTH THIRD BANCORP	Yes	Yes	0.00	0.00	1	1.00	No	No	FITB	999
FITB	OPTN	FIFTH THIRD BANCORP	Yes	Yes	25.00	37.50	100	1.00	No	No	FITB	999
2FITB	OPTN	FIFTH THIRD BANCORP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FITB	999
FITE	EQUI	SPDR SER TRS&P KENSHO FUTRE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FITE	999
FITE	OPTN	SPDR S&P KENSHO FUTURE SECURITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FITE	999
FIVA	EQUI	FIDELITY COVINGTON TRUSTINT VL FCT ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FIVA	999
FIVA	OPTN	FIDELITY INTERNATIONAL VALUE FACTOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FIVA	999
FIVE	EQUI	FIVE BELOW INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FIVE	999
FIVE	OPTN	Five Below Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	FIVE	999
2FIVE	OPTN	Five Below Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FIVE	999
FIVN	EQUI	FIVE9 INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FIVN	999
FIVN	OPTN	Five9 Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	FIVN	999
FIW	EQUI	First Trust Water ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FIW	999
FIW	OPTN	First Trust Water ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FIW	999
FIX	EQUI	COMFORT SYS USA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FIX	999
FIX	OPTN	Comfort Systems USA, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FIX	999
FIZZ	EQUI	NATIONAL BEVERAGE CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	FIZZ	999
FIZZ	OPTN	NATIONAL BEVERAGE CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	FIZZ	999
FJP	EQUI	FIRST TR EXCH TRD ALPHDX FDJAPAN ALPHADFX	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FJP	999
FJP	OPTN	FIRST TRUST JAPAN ALPHADFX FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FJP	999
FKWL	EQUI	FRANKLIN WIRELESS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FKWL	999
FKWL	OPTN	FRANKLIN WIRELESS CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	FKWL	999
FL	EQUI	FOOT LOCKER INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FL	999
FL	OPTN	FOOT LOCKER, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FL	999
2FL	OPTN	FOOT LOCKER, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FL	999
FLAX	EQUI	FRANKLIN TEMPLETON ETF TRFRANKLIN ASIA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FLAX	999
FLAX	OPTN	FRANKLIN FTSE ASIA EX JAPAN ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FLAX	999
FLBR	EQUI	FRANKLIN TEMPLETON ETF TRFTSE BRAZIL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FLBR	999
FLBR	OPTN	FRANKLIN FTSE BRAZIL ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FLBR	999
FLCH	EQUI	FRANKLIN TEMPLETON ETF TRFTSE CHINA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FLCH	999
FLCH	OPTN	FRANKLIN FTSE CHINA ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FLCH	999
FLEE	EQUI	FRANKLIN TEMPLETON ETF TRFTSE EUROPE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FLEE	999
FLEE	OPTN	FRANKLIN FTSE EUROPE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FLEE	999
FLEU	EQUI	FRANKLIN TEMPLETON ETF TRFRANKLIN FTSE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FLEU	999
FLEU	OPTN	FRANKLIN FTSE EUROZONE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FLEU	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
FLEX	EQUI	Flex Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	FLEX	999
FLEX	OPTN	Flex Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	FLEX	999
FLEX1	OPTN	Flex Ltd. (Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	FLEX	999
FLG	EQUI	Flagstar Financial, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	FLG	999
FLG	OPTN	Flagstar Financial, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FLG	999
FLG1	OPTN	Flagstar Financial, Inc. (1:3 R Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	FLG	999
FLGR	EQUI	FRANKLIN TEMPLETON ETF TRFTSE GERMANY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FLGR	999
FLGR	OPTN	FRANKLIN FTSE GERMANY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FLGR	999
FLGT	EQUI	FULGENT GENETICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FLGT	999
FLGT	OPTN	FULGENT GENETICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FLGT	999
FLIC	EQUI	FIRST LONG IS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FLIC	999
FLIC	OPTN	First Of Long Island Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	FLIC	999
FLJH	EQUI	FRANKLIN TEMPLETON ETF TRFTSE JAPAN HDG	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FLJH	999
FLJH	OPTN	FRANKLIN FTSE JAPAN HEDGED ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FLJH	999
FLL	EQUI	FULL HOUSE RESORTS, INC.	Yes	Yes	0.00	0.00	1	1.00	No	No	FLL	999
FLL	OPTN	FULL HOUSE RESORTS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FLL	999
FLMX	EQUI	FRANKLIN TEMPLETON ETF TRFTSE MEXICO	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FLMX	999
FLMX	OPTN	FRANKLIN FTSE MEXICO ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FLMX	999
FLNC	EQUI	FLUENCE ENERGY INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	FLNC	999
FLNC	OPTN	FLUENCE ENERGY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FLNC	999
2FLNC	OPTN	FLUENCE ENERGY, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FLNC	999
FLNG	EQUI	FLEX LNG LTDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	FLNG	999
FLNG	OPTN	FLEX LNG LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	FLNG	999
FLO	EQUI	FLOWERS FOODS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FLO	999
FLO	OPTN	FLOWERS FOODS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FLO	999
FLOT	EQUI	ISHARES TRFLTG RATE BD ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FLOT	999
FLRN	EQUI	SPDR Bloomberg Investment Grade Floating Rate ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FLOT	999
FLOT	OPTN	ISHARES FLOATING RATE BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FLOT	999
FLRN	OPTN	SPDR Bloomberg Investment Grade Floating Rate ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FLOT	999
FLOW	EQUI	GLOBAL X FDSUS CASH FLOW	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FLOW	999
FLOW	OPTN	GLOBAL X U.S. CASH FLOW KINGS 100 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FLOW	999
FLQL	EQUI	Franklin U.S. Large Cap Multifactor Index ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FLQL	999
FLQL	OPTN	Franklin U.S. Large Cap Multifactor Index ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FLQL	999
FLQM	EQUI	FRANKLIN U.S. MID CAP MULTIFACTOR INDEX ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FLQM	999
FLQM	OPTN	FRANKLIN U.S. MID CAP MULTIFACTOR INDEX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FLQM	999
FLR	EQUI	FLUOR CORP NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	FLR	999
FLR	OPTN	FLUOR CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	FLR	999
FLS	EQUI	FLOWSERVE CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	FLS	999
FLS	OPTN	Flowserve Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	FLS	999
CPAY	EQUI	Corpay, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	FLT	999
CPAY	OPTN	Corpay, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FLT	999
1CPAY	OPTN	Corpay, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FLT	999
2CPAY	OPTN	Corpay, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FLT	999
FLTBT	EQUI	FIDELITY MERRIMACK STR TRLTG TRM BD ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FLTBT	999
FLTN	EQUI	RAREVIEW INFLATION DEFLATION ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FLTN	999
FLTR	EQUI	VANECK ETF TRUSTIG FLOATING RATE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FLTR	999
FLTR	OPTN	VANECK IG FLOATING RATE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FLTR	999
FLUT	EQUI	FLUTTER ENTMT PLCSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	FLUT	999
FLUT	OPTN	FLUTTER ENTERTAINMENT PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	FLUT	999
2FLUT	OPTN	FLUTTER ENTERTAINMENT PLC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FLUT	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
FLUX	EQUI	FLUX PWR HLDGS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	FLUX	999
FLUX	OPTN	FLUX POWER HOLDINGS, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	FLUX	999
FLV	EQUI	AMERICAN CENTY ETF TRFOCUSED LRG CAP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FLV	999
FLWS	EQUI	1 800 FLOWERS COM	Yes	Yes	0.00	0.00	1	1.00	No	No	FLWS	999
FLWS	OPTN	1-800-Flowers.com Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FLWS	999
FLYD	EQUI	BANK MONTREAL MEDIUMMICROSECTORS TRA	Yes	No	0.00		1	-3.00	No	Yes	FLYU	999
FLYU	EQUI	MicroSectors Travel 3X Leveraged ETN	Yes	No	0.00		1	3.00	No	Yes	FLYU	999
FLYW	EQUI	FLYWIRE CORPORATIONCOM VTG	Yes	Yes	0.00	0.00	1	1.00	No	No	FLYW	999
FLYW	OPTN	FLYWIRE CORPORATION COM VTG	Yes	Yes	25.00	37.50	100	1.00	No	No	FLYW	999
FM	EQUI	iShares Frontier and Select EM ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FM	999
FMAO	EQUI	FARMERS & MERCHANTS BANCORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FMAO	999
FMAO	OPTN	FARMERS & MERCHANTS BANCORP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FMAO	999
FMAT	EQUI	Fidelity MSCI Materials Index ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FMAT	999
FMAT	OPTN	Fidelity MSCI Materials Index ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FMAT	999
FMBH	EQUI	FIRST MID ILL BANCSHARES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FMBH	999
FMBH	OPTN	FIRST MID BANCSHARES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FMBH	999
FMC	EQUI	F M C CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	FMC	999
FMC	OPTN	FMC CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	FMC	999
2FMC	OPTN	FMC CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FMC	999
FMET	EQUI	FIDELITY COVINGTON TRUSTMETAVERSE ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FMET	999
FMET	OPTN	FIDELITY METAVERSE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FMET	999
FMNB	EQUI	FARMERS NATL BANC CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FMNB	999
FMNB	OPTN	Farmers National Banc Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	FMNB	999
FMS	EQUI	Fresenius Medical Care AG	Yes	Yes	0.00	0.00	1	1.00	No	No	FMS	999
FMS	OPTN	Fresenius Medical Care AG	Yes	Yes	25.00	37.50	100	1.00	No	No	FMS	999
FMX	EQUI	Fomento Economico Mexicano, S.A.B. de C.V.	Yes	Yes	0.00	0.00	1	1.00	No	No	FMX	999
FMX	OPTN	Fomento Economico Mexicano, S.A.B. de C.V.	Yes	Yes	25.00	37.50	100	1.00	No	No	FMX	999
FMX1	OPTN	Fomento Economico Mexicano, SAB de CV (Cash Dist)	Yes	Yes	25.00	37.50	100	1.00	No	No	FMX	999
FMX2	OPTN	Fomento Economico Mexicano, S.A.B. de C.V.(dist)	Yes	Yes	25.00	37.50	100	1.00	No	No	FMX	999
FMX3	OPTN	Fomento Economico Mexicano, SAB de C.V. (Cash Dis)	Yes	Yes	25.00	37.50	100	1.00	No	No	FMX	999
FN	EQUI	FABRINETSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	FN	999
FN	OPTN	Fabrinet	Yes	Yes	25.00	37.50	100	1.00	No	No	FN	999
FNA	EQUI	PARAGON 28 INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FNA	999
FNA	OPTN	PARAGON 28, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FNA	999
FNB	EQUI	FNB CORP PA	Yes	Yes	0.00	0.00	1	1.00	No	No	FNB	999
FNB	OPTN	F N B Corp. PA	Yes	Yes	25.00	37.50	100	1.00	No	No	FNB	999
FNCL	EQUI	Fidelity MSCI Financials Index ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FNCL	999
FNCL	OPTN	Fidelity MSCI Financials Index ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FNCL	999
FND	EQUI	FLOOR & DECOR HLDGS INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	FND	999
FND	OPTN	Floor & Decor Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FND	999
FNDA	EQUI	Schwab Fundamental U.S. Small Company ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FNDA	999
FNDA	OPTN	Schwab Fundamental U.S. Small Company ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FNDA	999
FNDB	EQUI	Schwab Fundamental U.S. Broad Market ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FNDB	999
FNDB	OPTN	Schwab Fundamental U.S. Broad Market ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FNDB	999
FNDC	EQUI	Schwab Fundamental International Small Equity ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FNDC	999
FNDC	OPTN	Schwab Fundamental International Small Equity ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FNDC	999
FNDF	EQUI	Schwab Fundamental International Equity ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FNDF	999
FNDF	OPTN	Schwab Fundamental International Equity ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FNDF	999
FNDX	EQUI	Schwab Fundamental U.S. Large Company ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FNDX	999
FNDX	OPTN	Schwab Fundamental U.S. Large Company ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FNDX	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
FNF	EQUI	FIDELITY NATIONAL FINANCIALCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	FNF	999
FNF	OPTN	FIDELITY NATIONAL FINANCIAL	Yes	Yes	25.00	37.50	100	1.00	No	No	FNF	999
2FNF	OPTN	FIDELITY NATIONAL FINANCIAL (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FNF	999
FNGG	EQUI	Direxion Daily NYSE FANG+ Bull 2X Shares	Yes	Yes	0.00	0.00	1	2.00	Yes	No	FNGG	999
FNGG	OPTN	Direxion Daily NYSE FANG+ Bull 2X Shares	Yes	Yes	25.00	37.50	100	2.00	Yes	No	FNGG	999
FNGR	EQUI	FINGERMOTION INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FNGR	999
FNGR	OPTN	FINGERMOTION INC	Yes	Yes	25.00	37.50	100	1.00	No	No	FNGR	999
FNK	EQUI	FIRST TR EXCHANGE-TRADED ALPMID CAP VAL FD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FNK	999
FNK	OPTN	FIRST TRUST MID CAP VALUE ALPHADDEX FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FNK	999
FNKO	EQUI	FUNKO INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	FNKO	999
FNKO	OPTN	Funko, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FNKO	999
2FNKO	OPTN	Funko, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FNKO	999
FNLC	EQUI	FIRST BANCORP INC MECOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FNLC	999
FNLC	OPTN	The First Bancorp, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FNLC	999
FNV	EQUI	FRANCO NEVADA CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FNV	999
FNV	OPTN	Franco-Nevada Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	FNV	999
2FNV	OPTN	Franco-Nevada Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FNV	999
FNX	EQUI	First Trust Mid Cap Core AlphaDEX Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FNX	999
FNX	OPTN	FIRST TRUST MID CAP CORE ALPHADDEX FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FNX	999
FNY	EQUI	FIRST TR EXCHANGE-TRADED ALPMID CP GR ALPH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FNY	999
FNY	OPTN	FIRST TRUST MID CAP GROWTH ALPHADDEX FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FNY	999
FOA	EQUI	Finance of America Companies Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	FOA	999
FOA	OPTN	Finance of America Companies Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FOA	999
FOACW	WARR	Finance of America Companies Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	FOA	999
FOLD	EQUI	AMICUS THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FOLD	999
FOLD	OPTN	Amicus Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FOLD	999
FOR	EQUI	Forestar Group Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	FOR	999
FOR	OPTN	Forestar Group Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	FOR	999
FORA	EQUI	FORIAN INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FORA	999
FORA	OPTN	FORIAN INC	Yes	Yes	25.00	37.50	100	1.00	No	No	FORA	999
FORM	EQUI	FORMFACTOR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FORM	999
FORM	OPTN	FORM FACTOR , INC	Yes	Yes	25.00	37.50	100	1.00	No	No	FORM	999
FORR	EQUI	FORRESTER RESH INC	Yes	Yes	0.00	0.00	1	1.00	No	No	FORR	999
FORR	OPTN	Forrester Research, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FORR	999
FOSL	EQUI	Fossil Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	FOSL	999
FOSL	OPTN	Fossil Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FOSL	999
FOUR	EQUI	SHIFT4 PMTS INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	FOUR	999
FOUR	OPTN	SHIFT4 PAYMENTS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FOUR	999
1FOUR	OPTN	SHIFT4 PAYMENTS, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FOUR	999
FOVL	EQUI	ISHARES TRFOCUSD VAL FAC	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FOVL	999
FOX	EQUI	FOX CORPCL B COM	Yes	Yes	0.00	0.00	1	1.00	No	No	FOX	999
FOX	OPTN	FOX CORPCL B COM	Yes	Yes	25.00	37.50	100	1.00	No	No	FOX	999
FOXA	EQUI	FOX CORPCL A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	FOXA	999
FOXA	OPTN	FOX CORPCL A COM	Yes	Yes	25.00	37.50	100	1.00	No	No	FOXA	999
2FOXA	OPTN	FOX CORPCL A COM (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FOXA	999
FOXF	EQUI	FOX FACTORY HLDG CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FOXF	999
FOXF	OPTN	Fox Factory Holding Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	FOXF	999
FPE	EQUI	First Trust Preferred Sec and Income Fund ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FPE	999
FPE	OPTN	First Trust Preferred Securities and Income Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FPE	999
FPH	EQUI	FIVE POINT HOLDINGS LLCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	FPH	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
FPH	OPTN	FIVE POINT HOLDINGS LLC	Yes	Yes	25.00	37.50	100	1.00	No	No	FPH	999
1FPH	OPTN	FIVE POINT HOLDINGS LLC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FPH	999
FPI	EQUI	FARMLAND PARTNERS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FPI	999
FPI	OPTN	Farmland Partners, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FPI	999
FPX	EQUI	FIRST TR EXCHANGE TRADED FDUS EQTY OPPT ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FPX	999
FPX	OPTN	FIRST TRUST US EQUITY OPPORTUNITIES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FPX	999
FPXI	EQUI	FIRST TR EXCHANGE TRADED FDINTL EQUITY OPP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FPXI	999
FPXI	OPTN	FIRST TRUST INTERNATIONAL EQUITY OPPORTUNITIES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FPXI	999
FQAL	EQUI	FIDELITY COVINGTON TRUSTQLTY FCTOR ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FQAL	999
FQAL	OPTN	FIDELITY QUALITY FACTOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FQAL	999
FR	EQUI	FIRST INDUSTRIAL REALTY TRUS	Yes	Yes	0.00	0.00	1	1.00	No	No	FR	999
FR	OPTN	First Industrial Realty Trust	Yes	Yes	25.00	37.50	100	1.00	No	No	FR	999
FRBA	EQUI	FIRST BK WILLIAMSTOWN NEW JECOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FRBA	999
FRBA	OPTN	FIRST BANK	Yes	Yes	25.00	37.50	100	1.00	No	No	FRBA	999
FRDM	EQUI	FREEDOM 100 EMERGING MARKETS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FRDM	999
FRDM	OPTN	FREEDOM 100 EMERGING MARKETS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FRDM	999
FREL	EQUI	FIDELITY COVINGTON TRMSCI RL EST ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FREL	999
FREL	OPTN	FIDWLITY MSCI REAL ESTATE	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FREL	999
FRGE	EQUI	Forge Global Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	FRGE	999
FRGE	OPTN	FORGE GLOBAL HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FRGE	999
FRHC	EQUI	FREEDOM HLDG CORP NEVCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FRHC	999
FRHC	OPTN	FREEDOM HOLDING CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	FRHC	999
FRI	EQUI	First Trust S&P REIT Index Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FRI	999
FRI	OPTN	FIRST TRUST S&P REIT INDEX FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FRI	999
FRME	EQUI	FIRST MERCHANTS CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	FRME	999
FRME	OPTN	First Merchants Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	FRME	999
FRNW	EQUI	FIDELITY COVINGTON TRUSTCLEAN ENERGY ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FRNW	999
FRNW	OPTN	FIDELITY CLEAN ENERGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FRNW	999
FRO	EQUI	Frontline Plc	Yes	Yes	0.00	0.00	1	1.00	No	No	FRO	999
FRO	OPTN	Frontline Plc	Yes	Yes	25.00	37.50	100	1.00	No	No	FRO	999
1FRO	OPTN	Frontline Plc (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FRO	999
FROG	EQUI	JFROG LTDORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	FROG	999
FROG	OPTN	JFROG LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	FROG	999
FRPT	EQUI	FRESHPET INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FRPT	999
FRPT	OPTN	Freshpet Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	FRPT	999
1FRPT	OPTN	Freshpet Inc (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FRPT	999
2FRPT	OPTN	Freshpet Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FRPT	999
FRSH	EQUI	FRESHWORKS INCCLASS A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	FRSH	999
FRSH	OPTN	FRESHWORKS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	FRSH	999
FRST	EQUI	Primis Financial Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	FRST	999
FRST	OPTN	PRIMIS FINANCIAL CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	FRST	999
FRSX	EQUI	FORESIGHT AUTONOMOUS HLDGS LSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	FRSX	999
FRSX	OPTN	FORESIGHT AUTONOMOUS HOLDINGS LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	FRSX	999
FRT	EQUI	FEDERAL REALTY INVT TR	Yes	Yes	0.00	0.00	1	1.00	No	No	FRT	999
FRT	OPTN	Federal Realty Investment Trust	Yes	Yes	25.00	37.50	100	1.00	No	No	FRT	999
2FRT	OPTN	Federal Realty Investment Trust (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FRT	999
FSBC	EQUI	FIVE STAR BANCORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FSBC	999
FSBC	OPTN	FIVE STAR BANCORP	Yes	Yes	25.00	37.50	100	1.00	No	No	FSBC	999
FSK	EQUI	FS KKR Capital Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	FSK	999
FSK	OPTN	FS KKR Capital Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	FSK	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
FSLR	EQUI	FIRST SOLAR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FSLR	999
FSLR	OPTN	First Solar, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FSLR	999
2FSLR	OPTN	First Solar, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FSLR	999
FSLY	EQUI	FASTLY INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	FSLY	999
FSLY	OPTN	FASTLY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FSLY	999
FSM	EQUI	Fortuna Mining Corp.	Yes	Yes	0.00	0.00	1	1.00	No	No	FSM	999
FSM	OPTN	Fortuna Mining Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	FSM	999
FSMB	EQUI	FIRST TR EXCH TRADED FD IIISHRT DUR MNG MUN	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FSMB	999
FSMB	OPTN	FIRST TRUST SHORT DURATION MANAGED MUNICIPAL ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FSMB	999
FSMD	EQUI	FIDELITY COVINGTON TRUSTSML MID MLTFCT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FSMD	999
FSMD	OPTN	FIDELITY SMALL-MID MULTIFACTOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FSMD	999
FSP	EQUI	FRANKLIN STREET PPTYS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FSP	999
FSP	OPTN	Franklin Street Properties Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	FSP	999
FSS	EQUI	FEDERAL SIGNAL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	FSS	999
FSS	OPTN	FEDERAL SIGNAL CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	FSS	999
FSTA	EQUI	FIDELITY COVINGTON TRCONSMR STAPLES	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FSTA	999
FSTA	OPTN	FIDELITY MSCI CONSUMER STAPLES INDEX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FSTA	999
FSTR	EQUI	FOSTER L B COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FSTR	999
FSTR	OPTN	L.B. Foster Company	Yes	Yes	25.00	37.50	100	1.00	No	No	FSTR	999
FSV	EQUI	FirstService Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	FSV	999
FSV	OPTN	FIRSTSERVICE CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	FSV	999
FSZ	EQUI	FIRST TR EXCH TRD ALPHDX FDSWITZLND ALPHA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FSZ	999
FSZ	OPTN	FIRST TRUST SWITZERLAND ALPHADFX FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FSZ	999
FTA	EQUI	First Trust Large Cap Value AlphaDEX Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FTA	999
FTA	OPTN	FIRST TRUST LARGE CAP VALUE ALPHADFX FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FTA	999
FTAG	EQUI	First Trust Indxx Global Agriculture ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FTAG	999
FTAG	OPTN	First Trust Indxx Global Agriculture ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FTAG	999
FTAI	EQUI	FTAI Aviation Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	FTAI	999
FTAI	OPTN	FTAI Aviation Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	FTAI	999
FTC	EQUI	First Trust Large Cap Growth AlphaDEX Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FTC	999
FTC	OPTN	First Trust Large Cap Growth AlphaDEX Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FTC	999
FTCE	EQUI	FIRST TR EXCHANGE TRADED FDNEW CONSTRUCTS C	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FTCE	999
FTCHQ	EQUI	FARFETCH LIMITED CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	FTCHQ	999
FTCHQ	OPTN	Farfetch Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	FTCHQ	999
FTCI	EQUI	FTC SOLAR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FTCI	999
FTCI	OPTN	FTC SOLAR, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FTCI	999
FTCI1	OPTN	FTC SOLAR, INC. (1:10 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	FTCI	999
FTCS	EQUI	FIRST TR EXCHANGE-TRADED FDCAP STRENGTH ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FTCS	999
FTCS	OPTN	FIRST TRUST CAPITAL STRENGTH	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FTCS	999
FTDR	EQUI	Frontdoor, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	FTDR	999
FTDR	OPTN	Frontdoor, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FTDR	999
FTDS	EQUI	FIRST TR EXCHANGE-TRADED FDDIVIDEND STRNGTH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FTDS	999
FTEK	EQUI	FUEL TECH INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FTEK	999
FTEK	OPTN	Fuel Tech inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FTEK	999
FTFT	EQUI	FUTURE FINTECH GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FTFT	999
FTFT	OPTN	FUTURE FINTECH GROUP INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FTFT	999
FTGC	EQUI	FIRST TR GLOBAL TACTICAL STRATEGY FUND	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FTGC	999
FTGC	OPTN	FIRST TRUST GLOBAL TACTICAL STRATEGY FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FTGC	999
FTHI	EQUI	FIRST TR EXCHANGE-TRADED FDBUYWRIT INCM ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FTHI	999
FTHI	OPTN	FIRST TRUST BUYWRITE INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FTHI	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
FTHM	EQUI	FATHOM HOLDINGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FTHM	999
FTHM	OPTN	FATHOM HOLDINGS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FTHM	999
FTI	EQUI	TechnipFMC plc	Yes	Yes	0.00	0.00	1	1.00	No	No	FTI	999
FTI	OPTN	TechnipFMC plc	Yes	Yes	25.00	37.50	100	1.00	No	No	FTI	999
2FTI	OPTN	TechnipFMC plc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FTI	999
FTK	EQUI	FLOTEK INDS INC DELCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FTK	999
FTK	OPTN	Flotek Industries Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	FTK	999
FTLS	EQUI	FIRST TR EXCH TRADED FD IILNG/SHT EQUITY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FTLS	999
FTLS	OPTN	FIRST TRUST LONG SHORT EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FTLS	999
FTNT	EQUI	FORTINET INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FTNT	999
FTNT	OPTN	Fortinet Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FTNT	999
2FTNT	OPTN	Fortinet Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FTNT	999
FTQI	EQUI	FIRST TR EXCHANGE-TRADED FDNASDAQ BUYWRITE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FTQI	999
FTQI	OPTN	FIRST TRUST NASDAQ BUYWRITE INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FTQI	999
FTRE	EQUI	FORTREA HLDGS INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	FTRE	999
FTRE	OPTN	FORTREA HOLDINGS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FTRE	999
2FTRE	OPTN	FORTREA HOLDINGS INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FTRE	999
FTRI	EQUI	First Trust Indxx Global Nat Res Income ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FTRI	999
FTRI	OPTN	First Trust Indxx Global Nat Res Income ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FTRI	999
FTS	EQUI	FORTIS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FTS	999
FTS	OPTN	Fortis Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	FTS	999
FTSL	EQUI	FIRST TR EXCHANGE-TRADED FDSENIOR LN FD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FTSL	999
FTSL	OPTN	FIRST TRUST SENIOR LOAN FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FTSL	999
FTSM	EQUI	FIRST TR EXCHANGE-TRADED FDFIRST TR ENH NEW	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FTSM	999
FTSM	OPTN	FIRST TRUST ENHANCED SHORT MATURITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FTSM	999
FTV	EQUI	FORTIVE CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FTV	999
FTV	OPTN	Fortive Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	FTV	999
2FTV	OPTN	Fortive Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	FTV	999
FTXG	EQUI	FIRST TR EXCHANGE-TRADED FDNASDQ FOD BVRG	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FTXG	999
FTXG	OPTN	FIRST TRUST NASDAQ FOOD & BEVERAGE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FTXG	999
FTXH	EQUI	FIRST TR EXCHANGE-TRADED FDNASDQ PHRMTCLS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FTXH	999
FTXH	OPTN	FIRST TRUST NASDAQ PHARMACEUTICALS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FTXH	999
FTXL	EQUI	FIRST TR EXCHANGE-TRADED FDNASDQ SEMCNDTR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FTXL	999
FTXL	OPTN	FIRST TRUST NASDAQ SEMICONDUCTOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FTXL	999
FTXN	EQUI	FIRST TR EXCHANGE-TRADED FDNASDQ OIL GAS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FTXN	999
FTXN	OPTN	FIRST TRUST NASDAQ OIL & GAS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FTXN	999
FTXO	EQUI	FIRST TR EXCHANGE-TRADED FDNASDAQ BK ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FTXO	999
FTXO	OPTN	FIRST TRUST NASDAQ BANK ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FTXO	999
FUBO	EQUI	FUBOTV INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FUBO	999
FUBO	OPTN	FUBOTV INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FUBO	999
FUL	EQUI	FULLER H B CO	Yes	Yes	0.00	0.00	1	1.00	No	No	FUL	999
FUL	OPTN	FULLER (H.B.) CO	Yes	Yes	25.00	37.50	100	1.00	No	No	FUL	999
FULC	EQUI	FULCRUM THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FULC	999
FULC	OPTN	FULCRUM THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FULC	999
FULT	EQUI	FULTON FINL CORP PA	Yes	Yes	0.00	0.00	1	1.00	No	No	FULT	999
FULT	OPTN	Fulton Financial Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	FULT	999
FUMB	EQUI	FIRST TR EXCH TRADED FD IIIULTRA SHT DUR MU	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FUMB	999
FUMB	OPTN	FIRST TRUST ULTRA SHORT DURATION MUNICIPAL ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FUMB	999
FUN	EQUI	Six Flags Entertainment Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	FUN	999
FUN	OPTN	Six Flags Entertainment Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	FUN	999



RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
FUN1	OPTN	Six Flags Entertainment Corporation (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	FUN	999
FUNL	EQUI	ADVISOR MANAGED PORTFOLIOSCORNERCAP FUNDAM	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FUNL	999
FUTU	EQUI	FUTU HLDGS LTDSPON ADS CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	FUTU	999
FUTU	OPTN	FUTU HOLDINGS LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	FUTU	999
FUTY	EQUI	FIDELITY COVINGTON TRUSTMSCI UTILS INDEX	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FUTY	999
FUTY	OPTN	FIDELITY MSCI UTILITIES	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FUTY	999
FV	EQUI	FIRST TR EXCHANGE TRADED FDDORSEY WRT5 ET	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FV	999
FV	OPTN	First Trust Dorsey Wright Focus 5 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FV	999
FVAL	EQUI	FIDELITY COVINGTON TRUSTVLU FACTOR ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FVAL	999
FVAL	OPTN	FIDELITY VALUE FACTOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FVAL	999
FVC	EQUI	FIRST TR EXCHANGE TRADED FDDORSEY WRIGHT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FVC	999
FVCB	EQUI	FVCBANKCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FVCB	999
FVCB	OPTN	FVCBANKCORP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	FVCB	999
FVD	EQUI	First Trust Value Line Dividend Index Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FVD	999
FVD	OPTN	First Trust Value Line Dividend Index Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FVD	999
FVRR	EQUI	FIVERR INTL LTDORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	FVRR	999
FVRR	OPTN	FIVERR INTERNATIONAL LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	FVRR	999
FWONA	EQUI	Liberty Media Corp. Series A Liberty Formula One	Yes	Yes	0.00	0.00	1	1.00	No	No	FWONA	999
FWONA	OPTN	Liberty Media Corp. Series A Liberty Formula One	Yes	Yes	25.00	37.50	100	1.00	No	No	FWONA	999
FWONK	EQUI	Liberty Media Corp. Series C Liberty Formula One	Yes	Yes	0.00	0.00	1	1.00	No	No	FWONK	999
FWONK	OPTN	Liberty Media Corp Series C Liberty Formula One	Yes	Yes	25.00	37.50	100	1.00	No	No	FWONK	999
FWRD	EQUI	FORWARD AIR CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FWRD	999
FWRD	OPTN	Forward Air Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	FWRD	999
FWRG	EQUI	FIRST WATCH RESTAURANT GROUPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FWRG	999
FWRG	OPTN	FIRST WATCH RESTAURANT GROUP	Yes	Yes	25.00	37.50	100	1.00	No	No	FWRG	999
FXD	EQUI	First Trust Consumer Discretionary AlphaDEX Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FXD	999
FXD	OPTN	First Trust Consumer Discretionary AlphaDEX Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FXD	999
FXG	EQUI	First Trust Consumer Staples AlphaDEX Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FXG	999
FXG	OPTN	First Trust Consumer Staples AlphaDEX Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FXG	999
FXH	EQUI	First Trust Health Care AlphaDEX Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FXH	999
FXH	OPTN	First Trust Health Care AlphaDEX Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FXH	999
FXL	EQUI	First Trust Technology AlphaDEX Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FXL	999
FXL	OPTN	First Trust Technology AlphaDEX Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FXL	999
FXN	EQUI	First Trust Energy AlphaDEX Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FXN	999
FXN	OPTN	First Trust Energy AlphaDEX Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FXN	999
FXO	EQUI	First Trust Financial AlphaDEX Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FXO	999
FXO	OPTN	First Trust Financials AlphaDEX Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FXO	999
FXR	EQUI	First Trust Industrials/Producer Durables AlphaDEX	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FXR	999
FXR	OPTN	First Trust Industrials/Producer Durables AlphaDEX	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FXR	999
FXU	EQUI	First Trust Utilities AlphaDEX Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FXU	999
FXU	OPTN	First Trust Utilities AlphaDEX Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FXU	999
FXZ	EQUI	First Trust Materials AlphaDEX Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FXZ	999
FXZ	OPTN	First Trust Materials AlphaDEX Fund ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FXZ	999
FYBR	EQUI	FRONTIER COMMUNICATIONS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	FYBR	999
FYBR	OPTN	FRONTIER COMMUNICATIONS PARENT, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	FYBR	999
FYC	EQUI	FIRST TR EXCHANGE-TRADED ALPSML CP GRW ALP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FYC	999
FYC	OPTN	FIRST TRUST SMALL CAP GROWTH ALPHADDEX FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FYC	999
FYLD	EQUI	CAMBRIA ETF TRCAMBRIA FGN SHR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FYLD	999
FYLD	OPTN	CAMBRIA FOREIGN SHAREHOLDER YIELD ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FYLD	999
FYLG	EQUI	GLOBAL X FDSFINANCIALS COVRD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FYLG	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
FYT	EQUI	FIRST TR EXCHANGE-TRADED ALPSML CAP VAL ALPH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FYT	999
FYT	OPTN	FIRST TRUST SMALL CAP VALUE ALPHADDEX FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FYT	999
FYX	EQUI	First Trust Small Cap Core AlphaDEX Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	FYX	999
FYX	OPTN	FIRST TRUST SMALL CAP CORE ALPHADDEX FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	FYX	999
G	EQUI	GENPACT LIMITEDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	G	999
G	OPTN	Genpact Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	G	999
GAA	EQUI	CAMBRIA ETF TRGLB ASSET ALLO	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GAA	999
GABC	EQUI	GERMAN AMERN BANCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GABC	999
GABC	OPTN	German American Bancorp Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GABC	999
GAIA	EQUI	GAIA INC NEWCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	GAIA	999
GAIA	OPTN	GAIA INC	Yes	Yes	25.00	37.50	100	1.00	No	No	GAIA	999
GAIN	EQUI	Gladstone Investment Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	GAIN	999
GAIN	OPTN	Gladstone Investment Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	GAIN	999
GAL	EQUI	SSGA ACTIVE ETF TRGLOBL ALLO ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GAL	999
GAL	OPTN	SPDR SSGA GLOBAL ALLOCATION ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GAL	999
GALT	EQUI	GALECTIN THERAPEUTICS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	GALT	999
GALT	OPTN	Galectin Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GALT	999
GAMB	EQUI	GAMBLING COM GROUP LIMITEDORDINARY SHARES	Yes	Yes	0.00	0.00	1	1.00	No	No	GAMB	999
GAMB	OPTN	GAMBLING.COM GROUP LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	GAMB	999
GAMR	EQUI	Amplify Video Game Leaders ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GAMR	999
GAMR	OPTN	Amplify Video Game Leaders ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GAMR	999
GAN	EQUI	GAN LIMITEDORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	GAN	999
GAN	OPTN	GAN LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	GAN	999
GANX	EQUI	GAIN THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GANX	999
GANX	OPTN	GAIN THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	GANX	999
GAP	EQUI	GAP INC DEL	Yes	Yes	0.00	0.00	1	1.00	No	No	GAP	999
GAP	OPTN	Gap, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GAP	999
GASS	EQUI	STEALTHGAS INCSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	GASS	999
GASS	OPTN	StealthGas Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	GASS	999
GATX	EQUI	GATX CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	GATX	999
GATX	OPTN	GATX Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	GATX	999
GAU	EQUI	Galiano Gold Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	GAU	999
GAU	OPTN	Galiano Gold Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GAU	999
GB	EQUI	Global Blue Group Holding AG	Yes	Yes	0.00	0.00	1	1.00	No	No	GB	999
GB	OPTN	Global Blue Group Holding AG	Yes	Yes	25.00	37.50	100	1.00	No	No	GB	999
GBWS	WARR	Global Blue Group Holding AG (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	GB	999
GBCI	EQUI	GLACIER BANCORP INC NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	GBCI	999
GBCI	OPTN	GLACIER BANCORP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	GBCI	999
GBDC	EQUI	GOLUB CAP BDC INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GBDC	999
GBDC	OPTN	Golub Capital BDC, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GBDC	999
GBF	EQUI	ISHARES TRGOV/CRED BD ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GBF	999
GBIO	EQUI	GENERATION BIO COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GBIO	999
GBIO	OPTN	GENERATION BIO CO.	Yes	Yes	25.00	37.50	100	1.00	No	No	GBIO	999
GBLD	EQUI	INVESCO EXCH TRADED FD TR IIMSCI GREEN BUIL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GBLD	999
GBLD	OPTN	INVESCO MSCI GREEN BUILDING ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GBLD	999
GBTC	EQUI	GRAYSCALE BITCOIN TRUST ETFSHS REP COM UT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GBTC	999
GBTC	OPTN	GRAYSCALE BITCOIN TRUST ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GBTC	999
GBTG	EQUI	Global Business Travel Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	GBTG	999
GBTG	OPTN	Global Business Travel Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GBTG	999
GBX	EQUI	GREENBRIER COS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	GBX	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
GBX	OPTN	Greenbrier Companies Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GBX	999
GCC	EQUI	WISDOMTREE TRENHNC CMMDTY ST	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GCC	999
GCC	OPTN	WISDOMTREE ENHANCED COMMODITY STRATEGY FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GCC	999
GCI	EQUI	Gannett Co., Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	GCI	999
GCI	OPTN	GANNETT CO. INC	Yes	Yes	25.00	37.50	100	1.00	No	No	GCI	999
1GCI	OPTN	GANNETT CO. INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GCI	999
GCMG	EQUI	GCM Grosvenor Inc. Class A Common Stock	Yes	Yes	0.00	0.00	1	1.00	No	No	GCMG	999
GCMG	OPTN	GCM GROSVENOR INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	GCMG	999
GCMGW	WARR	GCM GROSVENOR INC. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	GCMG	999
GCO	EQUI	GENESCO INC	Yes	Yes	0.00	0.00	1	1.00	No	No	GCO	999
GCO	OPTN	GENESCO INC	Yes	Yes	25.00	37.50	100	1.00	No	No	GCO	999
GCOR	EQUI	GOLDMAN SACHS ETF TRACCESS US AGRAT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GCOR	999
GCOR	OPTN	GOLDMAN SACHS ACCESS U.S. AGGREGATE BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GCOR	999
GCT	EQUI	GIGACLOUD TECHNOLOGY INCCLASS A ORD	Yes	Yes	0.00	0.00	1	1.00	No	No	GCT	999
GCT	OPTN	GIGACLOUD TECHNOLOGY, INC. CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	GCT	999
GD	EQUI	GENERAL DYNAMICS CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	GD	999
GD	OPTN	GENERAL DYNAMICS	Yes	Yes	25.00	37.50	100	1.00	No	No	GD	999
2GD	OPTN	GENERAL DYNAMICS (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GD	999
GDDY	EQUI	GODADDY INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	GDDY	999
GDDY	OPTN	GoDaddy Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	GDDY	999
2GDDY	OPTN	GoDaddy Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GDDY	999
GDE	EQUI	WISDOMTREE EFFICIENT GOLD PLUS EQUITY STRATEGY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GDE	999
GDE	OPTN	WISDOMTREE EFFICIENT GOLD PLUS EQUITY STRATEGY	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GDE	999
GDEF	EQUI	GOLDMAN SACHS ETF TRDEFENSIVE EQUITY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GDEF	999
GDEN	EQUI	GOLDEN ENTMT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GDEN	999
GDEN	OPTN	Golden Entertainment Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	GDEN	999
GDOC	EQUI	GOLDMAN SACHS ETF TRFUTURE HEALTH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GDOC	999
GDOC	OPTN	GOLDMAN SACHS FUTURE HEALTH CARE EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GDOC	999
GDOT	EQUI	GREEN DOT CORPCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	GDOT	999
GDOT	OPTN	Green Dot Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	GDOT	999
GDRX	EQUI	GOODRX HLDGS INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	GDRX	999
GDRX	OPTN	GOODRX HOLDINGS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	GDRX	999
GDS	EQUI	GDS HLDGS LTDSPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	GDS	999
GDS	OPTN	GDS Holdings Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	GDS	999
2GDS	OPTN	GDS Holdings Ltd (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GDS	999
GDVD	EQUI	Copper Place Global Dividend Growth ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GDVD	999
GDXJ	EQUI	VanEck Junior Gold Miners ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GDXJ	999
JDST	EQUI	Direxion Daily Junior Gold Miners Index Bear2XShrs	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	GDXJ	999
JNUG	EQUI	Direxion Daily Junior Gold Miners Index Bull2XShrs	Yes	Yes	0.00	0.00	1	2.00	Yes	No	GDXJ	999
GDXJ	OPTN	VanEck Junior Gold Miners ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GDXJ	999
JDST	OPTN	Direxion Daily Junior Gold Miners Index Bear2XShrs	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	GDXJ	999
JDST1	OPTN	Direxion Daily Junior Gold Miners Index Bear(1:10)	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	GDXJ	999
JNUG	OPTN	Direxion Daily Junior Gold Miners Index Bull2XShrs	Yes	Yes	25.00	37.50	100	2.00	Yes	No	GDXJ	999
1GDXJ	OPTN	VanEck Junior Gold Miners ETF (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GDXJ	999
2GDXJ	OPTN	VanEck Junior Gold Miners ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GDXJ	999
GDXY	EQUI	TIDAL TR IYIELDMAX GOLD MI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GDXY	999
GDXY	OPTN	YIELDMAX GOLD MINERS OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GDXY	999
GDYN	EQUI	GRID DYNAMICS HLDGS INCCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	GDYN	999
GDYN	OPTN	GRID DYNAMICS HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	GDYN	999
GE	EQUI	GE Aerospace	Yes	Yes	0.00	0.00	1	1.00	No	No	GE	999

## RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
GE	OPTN	GE Aerospace	Yes	Yes	25.00	37.50	100	1.00	No	No	GE	999
GE1	OPTN	GE Aerospace (Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	GE	999
1GE	OPTN	GE Aerospace (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GE	999
2GE	OPTN	GE Aerospace (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GE	999
GEF	EQUI	GREIF INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	GEF	999
GEF	OPTN	Greif Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	GEF	999
GEHC	EQUI	GE HEALTHCARE TECHNOLOGIES ICOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	GEHC	999
GEHC	OPTN	GE HEALTHCARE TECHNOLOGIES INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	GEHC	999
2GEHC	OPTN	GE HEALTHCARE TECHNOLOGIES INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GEHC	999
GEL	EQUI	GENESIS ENERGY L PUNIT LTD PARTN	Yes	Yes	0.00	0.00	1	1.00	No	No	GEL	999
GEL	OPTN	Genesis Energy L.P.	Yes	Yes	25.00	37.50	100	1.00	No	No	GEL	999
GEN	EQUI	Gen Digital Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	GEN	999
GEN	OPTN	Gen Digital Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GEN	999
2GEN	OPTN	Gen Digital Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GEN	999
GENC	EQUI	GENCOR INDS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GENC	999
GENC	OPTN	GENCOR INDUSTRIES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	GENC	999
GENE	OPTN	GENETIC TECHNOLOGIES LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	GENE	999
GENI	EQUI	Genius Sports Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	GENI	999
GENI	OPTN	Genius Sports Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	GENI	999
GEO	EQUI	GEO GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GEO	999
GEO	OPTN	The GEO Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GEO	999
GEOS	EQUI	Geospace Technologies Corp	Yes	Yes	0.00	0.00	1	1.00	No	No	GEOS	999
GEOS	OPTN	Geospace Technologies Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	GEOS	999
GERM	EQUI	Amplify Treatments, Testing and Advancements ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GERM	999
GERN	EQUI	GERON CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	GERN	999
GERN	OPTN	GERON CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	GERN	999
GES	EQUI	GUESS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GES	999
GES	OPTN	GUESS ?, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	GES	999
GETY	EQUI	Getty Images Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	GETY	999
GETY	OPTN	Getty Images Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GETY	999
GEV	EQUI	GE VERNOVA LLCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GEV	999
GEV	OPTN	GE VERNOVA INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	GEV	999
2GEV	OPTN	GE VERNOVA INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GEV	999
GEVO	EQUI	GEVO INCCOM PAR	Yes	Yes	0.00	0.00	1	1.00	No	No	GEVO	999
GEVO	OPTN	GEVO, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	GEVO	999
GFF	EQUI	GRIFFON CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	GFF	999
GFF	OPTN	GRIFFON CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	GFF	999
GFI	EQUI	GOLD FIELDS LTD NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	GFI	999
GFI	OPTN	GOLD FIELDS LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	GFI	999
2GFI	OPTN	GOLD FIELDS LIMITED (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GFI	999
GFL	EQUI	GFL ENVIRONMENTAL INCSUB VTG SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	GFL	999
GFL	OPTN	GFL ENVIRONMENTAL INC	Yes	Yes	25.00	37.50	100	1.00	No	No	GFL	999
GFOF	EQUI	ETF SER SOLUTIONSGRAYSSCALE FUTURE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GFOF	999
GFS	EQUI	GLOBALFOUNDRIES INCORDINARY SHARES	Yes	Yes	0.00	0.00	1	1.00	No	No	GFS	999
GFS	OPTN	GLOBALFOUNDRIES INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	GFS	999
GGAL	EQUI	GRUPO FINANCIERO GALICIA S ASP ADR 10 SH B	Yes	Yes	0.00	0.00	1	1.00	No	No	GGAL	999
GGAL	OPTN	Grupo Financiero Galicia S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	GGAL	999
GGB	EQUI	GERDAU S A	Yes	Yes	0.00	0.00	1	1.00	No	No	GGB	999
GGB	OPTN	GERDAU S.A. - ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	GGB	999
GGG	EQUI	GRACO INC	Yes	Yes	0.00	0.00	1	1.00	No	No	GGG	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
GGG	OPTN	GRACO, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	GGG	999
GGLL	EQUI	Direxion Daily GOOGL Bull 2X Shares	Yes	Yes	0.00	0.00	1	2.00	Yes	No	GGLL	999
GGLL	OPTN	Direxion Daily GOOGL Bull 2X Shares	Yes	Yes	25.00	37.50	100	2.00	Yes	No	GGLL	999
GGLS	EQUI	DIREXION SHS ETF TRDAILY GOOGL BR1X	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	GGLS	999
GGLS	OPTN	DIREXION DAILY GOOGL BEAR 1X SHARES ETF	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	GGLS	999
GGME	EQUI	Invesco Next Gen Media and Gaming ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GGME	999
GGME	OPTN	Invesco Next Gen Media and Gaming ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GGME	999
GGR	EQUI	Gogoro Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	GGR	999
GGR	OPTN	GOGORO INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	GGR	999
GGROW	WARR	Gogoro Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	GGR	999
GH	EQUI	GUARDANT HEALTH INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GH	999
GH	OPTN	GUARDANT HEALTH, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	GH	999
GHI	EQUI	Greystone Housing Impact Investors LP	Yes	Yes	0.00	0.00	1	1.00	No	No	GHI	999
GHI	OPTN	Greystone Housing Impact Investors LP	Yes	Yes	25.00	37.50	100	1.00	No	No	GHI	999
GHM	EQUI	GRAHAM CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GHM	999
GHM	OPTN	Graham Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	GHM	999
GHR	EQUI	GH RESEARCH PLCORDINARY SHARES	Yes	Yes	0.00	0.00	1	1.00	No	No	GHR	999
GHR	OPTN	GH RESEARCH PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	GHR	999
GHYB	EQUI	GOLDMAN SACHS ETF TRACCESS HIG YLD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GHYB	999
GHYB	OPTN	Goldman Sachs Access High Yield Corporate Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GHYB	999
GIB	EQUI	CGI Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	GIB	999
GIB	OPTN	CGI Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GIB	999
GIC	EQUI	Global Industrial Company	Yes	Yes	0.00	0.00	1	1.00	No	No	GIC	999
GIC	OPTN	Global Industrial Company	Yes	Yes	25.00	37.50	100	1.00	No	No	GIC	999
GIFI	EQUI	GULF ISLAND FABRICATION INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GIFI	999
GIFI	OPTN	Gulf Island Fabrication Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	GIFI	999
GIGB	EQUI	GOLDMAN SACHS ETF TRACCESS INVT GR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GIGB	999
GIGB	OPTN	Goldman Sachs Access Investment Grade Corporate Bo	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GIGB	999
GII	EQUI	SPDR INDEX SHS FDSS&P GBLINF ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GII	999
GII	OPTN	SPDR S&P GLOBAL INFRASTRUCTURE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GII	999
GIII	EQUI	G-III APPAREL GROUP LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GIII	999
GIII	OPTN	G-III Apparel Group Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	GIII	999
GIL	EQUI	GILDAN ACTIVEWEAR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GIL	999
GIL	OPTN	Gildan Activewear Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	GIL	999
GILD	EQUI	GILEAD SCIENCES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	GILD	999
GILD	OPTN	GILEAD SCIENCES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	GILD	999
2GILD	OPTN	GILEAD SCIENCES, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GILD	999
GILT	EQUI	GILAT SATELLITE NETWORKS LTDSHS NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	GILT	999
GILT	OPTN	Gilat Satellite Networks Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	GILT	999
GINN	EQUI	GOLDMAN SACHS ETF TRINNOVAT EQ ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GINN	999
GINN	OPTN	GOLDMAN SACHS INNOVATE EQUITY	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GINN	999
GIS	EQUI	GENERAL MLS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	GIS	999
GIS	OPTN	GENERAL MILLS	Yes	Yes	25.00	37.50	100	1.00	No	No	GIS	999
2GIS	OPTN	GENERAL MILLS (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GIS	999
GK	EQUI	ADVISORSHARES TRGERBER KAWASAKI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GK	999
GK	OPTN	ADVISORSHARES GERBER KAWASAKI ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GK	999
GKOS	EQUI	GLAUKOS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GKOS	999
GKOS	OPTN	Glaukos Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	GKOS	999
2GKOS	OPTN	Glaukos Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GKOS	999
GL	EQUI	Globe Life Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	GL	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
GL	OPTN	Globe Life Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GL	999
GLAD	EQUI	GLADSTONE CAPITAL CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GLAD	999
GLAD	OPTN	Gladstone Capital Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	GLAD	999
GLBE	EQUI	GLOBAL E ONLINE LTDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	GLBE	999
GLBE	OPTN	GLOBAL ONLINE LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	GLBE	999
GLBS	EQUI	GLOBUS MARITIME LIMITED NEWCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	GLBS	999
GLBS	OPTN	GLOBUS MARITIME LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	GLBS	999
GOLY	EQUI	Strategy Shares Gold Enhanced Yield ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GLDB	999
GOLY	OPTN	Strategy Shares Gold Enhanced Yield ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GLDB	999
GLDD	EQUI	GREAT LAKES DREDGE & DOCK COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GLDD	999
GLDD	OPTN	Great Lakes Dredge & Dock	Yes	Yes	25.00	37.50	100	1.00	No	No	GLDD	999
GLDI	EQUI	UBS AG JERSEY BRANCHENTRACS GOLD SHS	Yes	No	0.00		1	1.00	No	Yes	GLDI	999
USG	EQUI	USCF ETF TRGOLD STRATEGY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GLDX	999
USG	OPTN	USCF Gold Strategy Plus Income Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GLDX	999
GLIN	EQUI	VanEck India Growth Leaders ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GLIN	999
GLIN	OPTN	VanEck India Growth Leaders ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GLIN	999
GLNG	EQUI	GOLAR LNG LTD BERMUDASHS	Yes	Yes	0.00	0.00	1	1.00	No	No	GLNG	999
GLNG	OPTN	Golar LNG Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	GLNG	999
GLOB	EQUI	GLOBANT S ACOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GLOB	999
GLOB	OPTN	Globant S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	GLOB	999
GLOV	EQUI	GOLDMAN SACHS ACTIVEBETA WORLD LOW VOL PLUS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GLOV	999
GLOV	OPTN	GOLDMAN SACHS ACTIVEBETA WORLD LOW VOL PLUS	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GLOV	999
GLP	EQUI	GLOBAL PARTNERS LPCOM UNITS	Yes	Yes	0.00	0.00	1	1.00	No	No	GLP	999
GLP	OPTN	Global Partners LP/MA	Yes	Yes	25.00	37.50	100	1.00	No	No	GLP	999
GLPG	EQUI	Galapagos NV	Yes	Yes	0.00	0.00	1	1.00	No	No	GLPG	999
GLPG	OPTN	Galapagos NV	Yes	Yes	25.00	37.50	100	1.00	No	No	GLPG	999
GLPI	EQUI	GAMING & LEISURE PPTYS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GLPI	999
GLPI	OPTN	Gaming and Leisure Properties Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	GLPI	999
GLRE	EQUI	GREENLIGHT CAPITAL RE LTDCLASS A	Yes	Yes	0.00	0.00	1	1.00	No	No	GLRE	999
GLRE	OPTN	Greenlight Capital Re Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	GLRE	999
GLTO	EQUI	GALECTO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GLTO	999
GLTO1	OPTN	GALECTO, INC. (1:25 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	GLTO	999
GLUE	EQUI	MONTE ROSA THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GLUE	999
GLUE	OPTN	MONTE ROSA THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	GLUE	999
GLW	EQUI	CORNING INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GLW	999
GLW	OPTN	CORNING INCORPORATED	Yes	Yes	25.00	37.50	100	1.00	No	No	GLW	999
GLYC	EQUI	GLYCOMIMETICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GLYC	999
GLYC	OPTN	Gylcomimetrics Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	GLYC	999
GM	EQUI	GENERAL MTRS COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GM	999
GM	OPTN	General Motors Co.	Yes	Yes	25.00	37.50	100	1.00	No	No	GM	999
2GM	OPTN	General Motors Co. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GM	999
GMAB	EQUI	GENMAB AS	Yes	Yes	0.00	0.00	1	1.00	No	No	GMAB	999
GMAB	OPTN	GENMAB AS	Yes	Yes	25.00	37.50	100	1.00	No	No	GMAB	999
GME	EQUI	Gamestop Corp CL A (Holding Company)	Yes	Yes	0.00	0.00	1	1.00	No	No	GME	999
GME	OPTN	GAMESTOP CORP CL A (Holding Co)	Yes	Yes	25.00	37.50	100	1.00	No	No	GME	999
2GME	OPTN	GAMESTOP CORP CL A (Holding Co) (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GME	999
GMED	EQUI	GLOBUS MED INCCCL A NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	GMED	999
GMED	OPTN	Globus Medical Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GMED	999
GMET	EQUI	VANECK ETF TRUSTGREEN METALS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GMET	999
GMET	OPTN	VANECK GREEN METALS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GMET	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
GMF	EQUI	SPDR S&P Emerging Asia Pacific ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GMF	999
GMF	OPTN	SPDR S&P Emerging Asia Pacific ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GMF	999
GMGI	EQUI	GOLDEN MATRIX GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GMGI	999
GMGI	OPTN	GOLDEN MATRIX GROUP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	GMGI	999
GMOM	EQUI	CAMBRIA ETF TRGLB MOMENT ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GMOM	999
GMRE	EQUI	GLOBAL MED REIT INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	GMRE	999
GMRE	OPTN	GLOBAL MEDICAL REIT INC	Yes	Yes	25.00	37.50	100	1.00	No	No	GMRE	999
GMS	EQUI	GMS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GMS	999
GMS	OPTN	GMS Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GMS	999
GNE	EQUI	GENIE ENERGY LTDCL B	Yes	Yes	0.00	0.00	1	1.00	No	No	GNE	999
GNE	OPTN	Genie Energy Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	GNE	999
GNK	EQUI	GENCO SHIPPING & TRADING LTDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	GNK	999
GNK	OPTN	GENCO SHIPPING & TRADING LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	GNK	999
GNL	EQUI	GLOBAL NET LEASE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GNL	999
GNL	OPTN	Global Net Lease, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GNL	999
GNLX	EQUI	GENELUX CORPORATIONCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GNLX	999
GNLX	OPTN	GENELUX CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	GNLX	999
GNOM	EQUI	GLOBAL X FDSGENOMIC BIOTECH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GNOM	999
GNOM	OPTN	GLOBAL X GENOMICS & BIOTECHNOLOGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GNOM	999
GNR	EQUI	SPDR INDEX SHS FDSGLB NAT RESRCE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GNR	999
GNR	OPTN	SPDR S&P Global Natural Resources ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GNR	999
GNRC	EQUI	GENERAC HLDGS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	GNRC	999
GNRC	OPTN	Generac Holdings Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	GNRC	999
GNS	EQUI	GENIUS GROUP LTDORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	GNS	999
GNS1	OPTN	GENIUS GROUP LIMITED (Distribution)	Yes	Yes	25.00	37.50	100	1.00	No	No	GNS	999
GNSS	EQUI	Genasys Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	GNSS	999
GNSS	OPTN	Genasys Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GNSS	999
GNTX	EQUI	GENTEX CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GNTX	999
GNTX	OPTN	GENTEX CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	GNTX	999
GNTY	EQUI	Guaranty Bancshares Inc/TX	Yes	Yes	0.00	0.00	1	1.00	No	No	GNTY	999
GNTY	OPTN	GUARANTY BANCSHARES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	GNTY	999
GNW	EQUI	Genworth Financial, Inc. (Holding Company)	Yes	Yes	0.00	0.00	1	1.00	No	No	GNW	999
GNW	OPTN	Genworth Financial, Inc. (Holding Company)	Yes	Yes	25.00	37.50	100	1.00	No	No	GNW	999
GO	EQUI	GROCERY OUTLET HLDG CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GO	999
GO	OPTN	GROCERY OUTLET HOLDING CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	GO	999
GOAU	EQUI	ETF SER SOLUTIONSUS GBL GLD PRE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GOAU	999
GOAU	OPTN	U.S. GLOBAL GO GOLD AND PRECIOUS METAL MINERS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GOAU	999
GOEVQ	EQUI	Canoo Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	GOEV	999
GOEV1	OPTN	Canoo Inc. (1:23 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	GOEV	999
GOEV2	OPTN	Canoo Inc. (1:20 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	GOEV	999
GOEWQ	WARR	Canoo Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	GOEV	999
GOEX	EQUI	GLOBAL X FDSGLB X GLD EXPL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GOEX	999
GOEX	OPTN	Global X Gold Explorers ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GOEX	999
GOGL	EQUI	Golden Ocean Group Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	GOGL	999
GOGL	OPTN	Golden Ocean Group Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	GOGL	999
GOGO	EQUI	GOGO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GOGO	999
GOGO	OPTN	GOGO Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GOGO	999
GOLD	EQUI	BARRICK GOLD CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	GOLD	999
GOLD	OPTN	Barrick Gold Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	GOLD	999
2GOLD	OPTN	Barrick Gold Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GOLD	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
GOLF	EQUI	ACUSHNET HOLDINGS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GOLF	999
GOLF	OPTN	Acushnet Holdings Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	GOLF	999
GOOD	EQUI	GLADSTONE COML CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GOOD	999
GOOD	OPTN	Gladstone Commercial Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	GOOD	999
GOOG	EQUI	Alphabet Inc. Class C Capital Stock	Yes	Yes	0.00	0.00	1	1.00	No	No	GOOGL	999
GOOGL	EQUI	Alphabet Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	GOOGL	999
GOOG	OPTN	Alphabet Inc. Class C Capital Stock	Yes	Yes	25.00	37.50	100	1.00	No	No	GOOGL	999
GOOGL	OPTN	Alphabet Inc. Class A	Yes	Yes	25.00	37.50	100	1.00	No	No	GOOGL	999
1GOOGL	OPTN	Alphabet Inc. Class A (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GOOGL	999
2GOOG	OPTN	Alphabet Inc. Class C Capital Stock	Yes	Yes	25.00	37.50	100	1.00	No	No	GOOGL	999
2GOOGL	OPTN	Alphabet Inc. Class A (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GOOGL	999
GOOP	EQUI	KURV YIELD PREMIUM STRATEGY GOOGLE GOOGL ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GOOP	999
GOOP	OPTN	KURV YIELD PREMIUM STRATEGY GOOGLE GOOGL ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GOOP	999
GOOS	EQUI	CANADA GOOSE HOLDINGS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	GOOS	999
GOOS	OPTN	Canada Goose Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GOOS	999
GOOX	EQUI	T-REX 2X LONGALPHABET DAILY TARGET	Yes	Yes	0.00	0.00	1	2.00	Yes	No	GOOX	999
GOOX	OPTN	T-REX 2X LONGALPHABET DAILY TARGET	Yes	Yes	25.00	37.50	100	2.00	Yes	No	GOOX	999
GOOY	EQUI	TIDAL ETF TR IYIELDMAX GOOGL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GOOY	999
GOOY	OPTN	YIELDMAX GOOGL OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GOOY	999
GOP	EQUI	UNUSUAL WHALES SUBVERSIVE REPUBLICAN TRADING ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GOP	999
GOP	OPTN	Unusual Whales Subversive Republican Trading ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GOP	999
GORO	EQUI	GOLD RESOURCE CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GORO	999
GORO	OPTN	Gold Resource Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	GORO	999
GORV	EQUI	LAZYDAYS HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GORV	999
GORV	OPTN	Lazydays Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GORV	999
GOSS	EQUI	GOSSAMER BIO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GOSS	999
GOSS	OPTN	GOSSAMER BIO INC	Yes	Yes	25.00	37.50	100	1.00	No	No	GOSS	999
GOTU	EQUI	Gaotu Techedu Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	GOTU	999
GOTU	OPTN	Gaotu Techedu Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GOTU	999
GP	EQUI	GREENPOWER MTR CO INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	GP	999
GP	OPTN	GREENPOWER MOTOR COMPANY INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	GP	999
GPC	EQUI	GENUINE PARTS CO	Yes	Yes	0.00	0.00	1	1.00	No	No	GPC	999
GPC	OPTN	GENUINE PARTS	Yes	Yes	25.00	37.50	100	1.00	No	No	GPC	999
GPCR	EQUI	STRUCTURE THERAPEUTICS INCSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	GPCR	999
GPCR	OPTN	STRUCTURE THERAPEUTIC INC	Yes	Yes	25.00	37.50	100	1.00	No	No	GPCR	999
1GPCR	OPTN	STRUCTURE THERAPEUTIC INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GPCR	999
GPI	EQUI	GROUP 1 AUTOMOTIVE INC	Yes	Yes	0.00	0.00	1	1.00	No	No	GPI	999
GPI	OPTN	GROUP 1 AUTOMOTIVE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	GPI	999
GPIQ	EQUI	GOLDMAN SACHS ETF TRNASDAQ 100 CORE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GPIQ	999
GPIQ	OPTN	GOLDMAN SACHS ETF TR NASDAQ 100 CORE	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GPIQ	999
GPIX	EQUI	GOLDMAN SACHS ETF TRS&P 500 CORE PRE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GPIX	999
GPIX	OPTN	GOLDMAN SACHS ETF TR S&P 500 CORE PRE	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GPIX	999
GPK	EQUI	GRAPHIC PACKAGING HLDG COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GPK	999
GPK	OPTN	Graphic Packaging Holding Co	Yes	Yes	25.00	37.50	100	1.00	No	No	GPK	999
2GPK	OPTN	Graphic Packaging Holding Co (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GPK	999
GPMT	EQUI	GRANITE PT MTG TR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GPMT	999
GPMT	OPTN	Granite Point Mortgage Trust Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	GPMT	999
GPN	EQUI	GLOBAL PMTS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GPN	999
GPN	OPTN	GLOBAL PAYMENTS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	GPN	999
GPOR	EQUI	GULFPORT ENERGY CORPCOMMON SHARES	Yes	Yes	0.00	0.00	1	1.00	No	No	GPOR	999



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GPOR	OPTN	GULFPORT ENERGY CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	GPOR	999
2GPOR	OPTN	GULFPORT ENERGY CORP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GPOR	999
GPRE	EQUI	Green Plains Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	GPRE	999
GPRE	OPTN	Green Plains Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GPRE	999
GPRK	EQUI	Geopark Ltd	Yes	Yes	0.00	0.00	1	1.00	No	No	GPRK	999
GPRK	OPTN	Geopark Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	GPRK	999
2GPRK	OPTN	Geopark Ltd (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GPRK	999
GPRO	EQUI	GOPRO INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	GPRO	999
GPRO	OPTN	GoPro Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	GPRO	999
GPTY	EQUI	TIDAL TR IYIELDMAX AI & T	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GPTY	999
GPTY	OPTN	YIELDMAX AI & TECH PORTFOLIO OPTION INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GPTY	999
GRAB	EQUI	Grab Holdings Limited Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	GRAB	999
GRAB	OPTN	Grab Holdings Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	GRAB	999
GRABW	WARR	Grab Holdings Limited (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	GRAB	999
GRAL	EQUI	GRAIL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GRAL	999
GRAL	OPTN	GRAIL INC	Yes	Yes	25.00	37.50	100	1.00	No	No	GRAL	999
GRBK	EQUI	Green Brick Partners Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	GRBK	999
GRBK	OPTN	Green Brick Partners Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GRBK	999
GRC	EQUI	GORMAN RUPP CO	Yes	Yes	0.00	0.00	1	1.00	No	No	GRC	999
GRC	OPTN	Gorman-Rupp Co/The	Yes	Yes	25.00	37.50	100	1.00	No	No	GRC	999
GREK	EQUI	Global X MSCI Greece ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GREK	999
GREK	OPTN	Global X MSCI Greece ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GREK	999
GRFS	EQUI	Grifols SA	Yes	Yes	0.00	0.00	1	1.00	No	No	GRFS	999
GRFS	OPTN	Girfols SA	Yes	Yes	25.00	37.50	100	1.00	No	No	GRFS	999
GRID	EQUI	FIRST TR EXCHANGE TRADED FDNASDQ CLN EDGE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GRID	999
GRID	OPTN	FIRST TRUST NASDAQ CLEAN EDGE SMART GRID INFRA	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GRID	999
GRMN	EQUI	GARMIN LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	GRMN	999
GRMN	OPTN	GARMIN LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	GRMN	999
2GRMN	OPTN	GARMIN LTD. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GRMN	999
GRN	EQUI	BARCLAYS BK PLCETN 49	Yes	No	0.00		1	1.00	No	Yes	GRN	999
GRN	OPTN	IPATH SERIES B CARBON ETN	Yes	No	25.00		100	1.00	No	Yes	GRN	999
GRND	EQUI	Grindr Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	GRND	999
GRND	OPTN	GRINDR INC COM	Yes	Yes	25.00	37.50	100	1.00	No	No	GRND	999
GRNT	EQUI	Granite Ridge Resources, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	GRNT	999
GRNT	OPTN	GRANITE RIDGE RESOURCES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	GRNT	999
GRNY	EQUI	TIDAL ETF TRFUNDSTRAT GRANNY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GRNY	999
GRNY	OPTN	FUNDSTRAT GRANNY SHOTS US LARGE CAP ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GRNY	999
GROV	EQUI	GROVE COLLABORATIVE HOLD INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	GROV	999
GROV	OPTN	GROVE COLLABORATIVE HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	GROV	999
GROW	EQUI	U S GLOBAL INVS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	GROW	999
GROW	OPTN	U.S. Global Investors, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GROW	999
GROY	EQUI	GOLD ROYALTY CORPCOMMON SHARES	Yes	Yes	0.00	0.00	1	1.00	No	No	GROY	999
GROY	OPTN	GOLD ROYALTY CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	GROY	999
GROYWS	WARR	GOLD ROYALTY CORP. (warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	GROY	999
GRPN	EQUI	Groupon Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	GRPN	999
GRPN	OPTN	Groupon Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	GRPN	999
GRRR	EQUI	GORILLA TECHNOLOGY GROUP INCORDINARY SHARES	Yes	Yes	0.00	0.00	1	1.00	No	No	GRRR	999
GRRR	OPTN	GORILLA TECHNOLOGY GROUP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	GRRR	999
GRRRW	WARR	GORILLA TECHNOLOGY GROUP INC. (WARRANT)	Yes	Yes	0.25	0.375	1	1.00	No	No	GRRR	999
GRTSQ	EQUI	Gritstone bio, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	GRTSQ	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
GRTSQ	OPTN	Gritstone bio, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GRTSQ	999
GRWG	EQUI	GROWGENERATION CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GRWG	999
GRWG	OPTN	GROWGENERATION CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	GRWG	999
GS	EQUI	GOLDMAN SACHS GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GS	999
GS	OPTN	GOLDMAN SACHS GROUP	Yes	Yes	25.00	37.50	100	1.00	No	No	GS	999
1GS	OPTN	GOLDMAN SACHS GROUP (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GS	999
2GS	OPTN	GOLDMAN SACHS GROUP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GS	999
GSAT	EQUI	Globalstar, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	GSAT	999
GSAT	OPTN	Globalstar, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GSAT	999
GSAT1	OPTN	Globalstar, Inc. (1:15 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	GSAT	999
1GSAT	OPTN	Globalstar, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GSAT	999
1GSAT1	OPTN	Globalstar, Inc. (AMER/FLEX)(1:15 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	GSAT	999
GSBC	EQUI	GREAT SOUTHN BANCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GSBC	999
GSBC	OPTN	Great Southern Bancorp Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GSBC	999
GSBD	EQUI	GOLDMAN SACHS BDC INCSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	GSBD	999
GSBD	OPTN	GOLDMAN SACHS BDC, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	GSBD	999
GSEW	EQUI	Goldman Sachs Equal Weight US Large Cap Equity ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GSEW	999
GSEW	OPTN	Goldman Sachs Equal Weight US Large Cap Equity ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GSEW	999
GSG	EQUI	ISHARES S&P GSCI COMMODITY IUNIT BEN INT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GSG	999
GSG	OPTN	iShares S&P GSCI Commodity Indexed Trust	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GSG	999
GSHD	EQUI	GOOSEHEAD INS INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	GSHD	999
GSHD	OPTN	Goosehead Insurance Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	GSHD	999
GSIT	EQUI	GSI TECHNOLOGYCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GSIT	999
GSIT	OPTN	GSI TECHNOLOGY	Yes	Yes	25.00	37.50	100	1.00	No	No	GSIT	999
GSK	EQUI	GSK plc	Yes	Yes	0.00	0.00	1	1.00	No	No	GSK	999
GSK	OPTN	GSK plc	Yes	Yes	25.00	37.50	100	1.00	No	No	GSK	999
GSL	EQUI	GLOBAL SHIP LEASE INC NEWCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	GSL	999
GSL	OPTN	GLOBAL SHIP LEASE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	GSL	999
GSLC	EQUI	Goldman Sachs ActiveBeta U.S. Large Cap Equity ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GSLC	999
GSLC	OPTN	Goldman Sachs ActiveBeta U.S. Large Cap Equity ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GSLC	999
GSM	EQUI	Ferroglobe PLC	Yes	Yes	0.00	0.00	1	1.00	No	No	GSM	999
GSM	OPTN	Ferroglobe PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	GSM	999
1GSM	OPTN	Ferroglobe PLC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GSM	999
GSPY	EQUI	TIDAL ETF TRGOTHAM ENHNCD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GSPY	999
GSPY	OPTN	GOTHAM ENHANCED 500 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GSPY	999
GSUS	EQUI	GOLDMAN SACHS MARKETBETA U.S. EQUITY ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GSUS	999
GSUS	OPTN	GOLDMAN SACHS MARKETBETA U.S. EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GSUS	999
GSY	EQUI	INVESCO ACTIVELY MANAGED ETFULTRA SHRT DUR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GSY	999
GSY	OPTN	INVESCO ULTRA SHORT DURATION ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GSY	999
GT	EQUI	GOODYEAR TIRE & RUBR CO	Yes	Yes	0.00	0.00	1	1.00	No	No	GT	999
GT	OPTN	GOODYEAR T & R	Yes	Yes	25.00	37.50	100	1.00	No	No	GT	999
GTE	EQUI	GRAN TIERRA ENERGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GTE	999
GTE	OPTN	Gran Tierra Energy Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GTE	999
GTEK	EQUI	GOLDMAN SACHS ETF TRFUTURE TECH LEAD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GTEK	999
GTEK	OPTN	GOLDMAN SACHS FUTURE TECH LEADERS EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GTEK	999
GTES	EQUI	GATES INDUSTRIAL CORPORATION SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	GTES	999
GTES	OPTN	GATES INDUSTRIAL CORPORATION PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	GTES	999
GTIM	EQUI	GOOD TIMES RESTAURANTS INCCOM PAR \$.001NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	GTIM	999
GTIM	OPTN	Good Times Restaurants Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GTIM	999
GTLB	EQUI	GITLAB INCCLASS A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	GTLB	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
GTLB	OPTN	GITLAB INC	Yes	Yes	25.00	37.50	100	1.00	No	No	GTLB	999
2GTLB	OPTN	GITLAB INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GTLB	999
GTLS	EQUI	CHART INDS INCCOM PAR \$0.01	Yes	Yes	0.00	0.00	1	1.00	No	No	GTLS	999
GTLS	OPTN	Chart Industries Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	GTLS	999
GTN	EQUI	Gray Media, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	GTN	999
GTN	OPTN	Gray Media, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GTN	999
GTO	EQUI	INVESCO ACTIVELY MANAGED EXCTOTAL RETURN	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GTO	999
GTX	EQUI	GARRETT MOTION INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GTX	999
GTX	OPTN	Garrett Motion Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GTX	999
GTY	EQUI	GETTY RLTY CORP NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GTY	999
GTY	OPTN	Getty Realty Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	GTY	999
GUNR	EQUI	FLEXSHARES GLOBAL UPSTREAM NATURAL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GUNR	999
GUNR	OPTN	FlexShares Global Upstream Natural	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GUNR	999
GURE	EQUI	Gulf Resources, Inc. (NV)	Yes	Yes	0.00	0.00	1	1.00	No	No	GURE	999
GURE	OPTN	GULF RESOURCES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	GURE	999
GURU	EQUI	GLOBAL X FDSGLB X GURU INDEX	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GURU	999
GURU	OPTN	Global X Guru Index ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GURU	999
GVA	EQUI	GRANITE CONSTR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GVA	999
GVA	OPTN	GRANITE CONSTRUCTION INC	Yes	Yes	25.00	37.50	100	1.00	No	No	GVA	999
2GVA	OPTN	GRANITE CONSTRUCTION INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GVA	999
GVI	EQUI	iShares Intermediate Government/Credit Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GVI	999
GVI	OPTN	iShares Intermediate Government/Credit Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GVI	999
GVIP	EQUI	GOLDMAN SACHS HEDGE INDUSTRY VIP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GVIP	999
GVIP	OPTN	GOLDMAN SACHS HEDGE INDUSTRY VIP ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GVIP	999
GVLU	EQUI	TIDAL ETF TRGOTHAM 1000 VALU	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GVLU	999
GVLU	OPTN	GOTHAM 1000 VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GVLU	999
GWH	EQUI	ESS Tech, Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	GWH	999
GWH1	OPTN	ESS Tech, Inc. (1:15 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	GWH	999
GWHWS	WARR	ESS Tech, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	GWH	999
GWRE	EQUI	GUIDEWIRE SOFTWARE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GWRE	999
GWRE	OPTN	Guidewire Software, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	GWRE	999
GWRS	EQUI	GLOBAL WTR RES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GWRS	999
GWRS	OPTN	GLOBAL WATER RESOURCES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	GWRS	999
GWW	EQUI	GRAINGER W W INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	GWW	999
GWW	OPTN	GRAINGER, W.W. INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	GWW	999
2GWW	OPTN	GRAINGER, W.W. INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	GWW	999
GWX	EQUI	SPDR S&P International Small Cap	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GWX	999
GWX	OPTN	SPDR S&P International SmallCap ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GWX	999
GXDW	EQUI	Global X Funds Global X Dorsey Wright Thematic ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GXDW	999
GXDW	OPTN	Global X Funds Global X Dorsey Wright Thematic ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GXDW	999
GXTG	OPTN	GLOBAL X THEMATIC GROWTH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GXDW	999
GXG	EQUI	Global X MSCI Colombia ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GXG	999
GXG	OPTN	Global X MSCI Colombia ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GXG	999
GXO	EQUI	GXO LOGISTICS INCORPORATEDCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	GXO	999
GXO	OPTN	GXO LOGISTICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	GXO	999
GYLD	EQUI	Arrow Dow Jones Global Yield ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	GYLD	999
GYLD	OPTN	Arrow Dow Jones Global Yield ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	GYLD	999
H	EQUI	HYATT HOTELS CORPCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	H	999
H	OPTN	Hyatt Hotels Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	H	999
HACK	EQUI	Amplify Cybersecurity ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HACK	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
HACK	OPTN	Amplify Cybersecurity ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HACK	999
HAE	EQUI	HAEMONETICS CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	HAE	999
HAE	OPTN	Haemonetics Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	HAE	999
2HAE	OPTN	Haemonetics Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HAE	999
HAFC	EQUI	HANMI FINL CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	HAFC	999
HAFC	OPTN	Hanmi Financial Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	HAFC	999
HAFN	EQUI	HAFNIA LTDORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	HAFN	999
HAFN	OPTN	HAFNIA LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	HAFN	999
HAIL	EQUI	SPDR SER TRS&P KENSHO SMART	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HAIL	999
HAIL	OPTN	SPDR S&P KENSHO SMART MOBILITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HAIL	999
HAIN	EQUI	HAIN CELESTIAL GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HAIN	999
HAIN	OPTN	HAIN CELESTIAL GROUP	Yes	Yes	25.00	37.50	100	1.00	No	No	HAIN	999
HAL	EQUI	HALLIBURTON CO	Yes	Yes	0.00	0.00	1	1.00	No	No	HAL	999
HAL	OPTN	HALLIBURTON CO	Yes	Yes	25.00	37.50	100	1.00	No	No	HAL	999
2HAL	OPTN	HALLIBURTON CO (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HAL	999
HALO	EQUI	HALOZYME THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HALO	999
HALO	OPTN	Halozyme Therapeutics Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HALO	999
2HALO	OPTN	Halozyme Therapeutics Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HALO	999
HAP	EQUI	VanEck Natural Resources ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HAP	999
HAP	OPTN	VanEck Natural Resources ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HAP	999
HAPS	EQUI	HARBOR ETF TRUSTHUMAN CAP FACTOR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HAPS	999
HAPY	EQUI	HARBOR ETF TRUSTHUMAN CAP UNCONS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HAPY	999
HARD	EQUI	SIMPLIFY EXCHANGE TRADED FUNCOMMODITIES STRA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HARD	999
HARD	OPTN	SIMPLIFY COMMODITIES STRATEGY NO K-1 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HARD	999
HAS	EQUI	HASBRO INC	Yes	Yes	0.00	0.00	1	1.00	No	No	HAS	999
HAS	OPTN	HASBRO, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	HAS	999
2HAS	OPTN	HASBRO, INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HAS	999
HASI	EQUI	HA Sustainable Infrastructure Capital, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	HASI	999
HASI	OPTN	HA Sustainable Infrastructure Capital, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HASI	999
HAUS	EQUI	Residential REIT ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HAUS	999
HAUS	OPTN	Residential REIT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HAUS	999
HAUZ	EQUI	DBX ETF TRXTRACK INTL REAL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HAUZ	999
HAUZ	OPTN	XTRACKERS INTERNATIONAL REAL ESTATE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HAUZ	999
HAYW	EQUI	HAYWARD HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HAYW	999
HAYW	OPTN	HAYWARD HOLDINGS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	HAYW	999
1HAYW	OPTN	HAYWARD HOLDINGS INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HAYW	999
HBAN	EQUI	HUNTINGTON BANCSHARES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	HBAN	999
HBAN	OPTN	HUNTINGTON BANCSHARES	Yes	Yes	25.00	37.50	100	1.00	No	No	HBAN	999
2HBAN	OPTN	HUNTINGTON BANCSHARES (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HBAN	999
HBB	EQUI	HAMILTON BEACH BRANDS HLDG CCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	HBB	999
HBB	OPTN	HAMILTON BEACH BRANDS HOLDING CO.	Yes	Yes	25.00	37.50	100	1.00	No	No	HBB	999
HBCP	EQUI	HOME BANCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HBCP	999
HBCP	OPTN	HOME BANCORP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	HBCP	999
HBI	EQUI	HANESBRANDS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HBI	999
HBI	OPTN	Hanesbrands Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HBI	999
HBIO	EQUI	HARVARD BIOSCIENCE, INC.	Yes	Yes	0.00	0.00	1	1.00	No	No	HBIO	999
HBIO	OPTN	Harvard Bioscience, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HBIO	999
HBM	EQUI	Hudbay Minerals Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	HBM	999
HBM	OPTN	Hudbay Minerals Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HBM	999
HBNC	EQUI	Horizon Bancorp, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	HBNC	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
HBNC	OPTN	Horizon Bancorp, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HBNC	999
HBT	EQUI	HBT FINL INC.COM	Yes	Yes	0.00	0.00	1	1.00	No	No	HBT	999
HBT	OPTN	HBT FINANCIAL, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	HBT	999
HCA	EQUI	HCA Healthcare, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	HCA	999
HCA	OPTN	HCA Healthcare, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HCA	999
2HCA	OPTN	HCA Healthcare, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HCA	999
HCAT	EQUI	HEALTH CATALYST INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HCAT	999
HCAT	OPTN	HEALTH CATALYST, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	HCAT	999
HCC	EQUI	WARRIOR MET COAL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HCC	999
HCC	OPTN	Warrior Met Coal, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HCC	999
HCI	EQUI	HCI Group, Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	HCI	999
HCI	OPTN	HCI GROUP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	HCI	999
HCKT	EQUI	HACKETT GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HCKT	999
HCKT	OPTN	The Hackett Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HCKT	999
HCM	EQUI	HUTCHMED (China) Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	HCM	999
HCM	OPTN	HUTCHMED (China) Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	HCM	999
HCMT	EQUI	DIREXION SHS ETF TRDIREXION HCM	Yes	Yes	0.00	0.00	1	2.00	Yes	No	HCMT	999
HCOM	EQUI	HARTFORD FDS EXCHANGE TRADED SCHRODERS COMMOD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HCOM	999
HCOM	OPTN	HARTFORD SCHRODERS COMMODITY STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HCOM	999
HCP	OPTN	HASHICORP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	HCP	999
HCSG	EQUI	HEALTHCARE SVCS GRP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HCSG	999
HCSG	OPTN	Healthcare Services Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HCSG	999
HD	EQUI	HOME DEPOT INC	Yes	Yes	0.00	0.00	1	1.00	No	No	HD	999
HD	OPTN	HOME DEPOT INC	Yes	Yes	25.00	37.50	100	1.00	No	No	HD	999
1HD	OPTN	HOME DEPOT INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HD	999
2HD	OPTN	HOME DEPOT INC (Euro Flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	HD	999
HDB	EQUI	HDFC BANK LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	HDB	999
HDB	OPTN	HDFC BANK LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	HDB	999
HDEF	EQUI	DBX ETF TRXTRACK MSCI EAFE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HDEF	999
HDEF	OPTN	XTRACKERS MSCI EAFE HIGH DIVIDEND YIELD EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HDEF	999
HDG	EQUI	PROSHARES TRHD REPLICATION	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HDG	999
HDG	OPTN	PROSHARES HEDGE REPLICATION ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HDG	999
HDGE	EQUI	Ranger Equity Bear ETF	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	HDGE	999
HDGE	OPTN	Ranger Equity Bear ETF	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	HDGE	999
HDLB	EQUI	UBS AG LONDON BRANCHETRACS ETN 49	Yes	No	0.00		1	2.00	No	Yes	HDLB	999
HDRO	EQUI	ETF SER SOLUTIONSDEFIANCE NEXT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HDRO	999
HDRO	OPTN	DEFIANCE NEXT GEN H2 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HDRO	999
HDRO1	OPTN	DEFIANCE NEXT GEN H2 ETF (1:8 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HDRO	999
HDSN	EQUI	HUDSON TECHNOLOGIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HDSN	999
HDSN	OPTN	Hudson Technologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HDSN	999
HDV	EQUI	iShares Core High Dividend ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HDV	999
HDV	OPTN	iShares Core High Dividend ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HDV	999
HE	EQUI	HAWAIIAN ELEC INDUSTRIES	Yes	Yes	0.00	0.00	1	1.00	No	No	HE	999
HE	OPTN	Hawaiian Electric Industries, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HE	999
HEAL	EQUI	Global X Funds Global X HealthTech ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HEAL	999
EDOC	OPTN	GLOBAL X TELEMEDICINE & DIGITAL HEALTH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HEAL	999
HEAL	OPTN	Global X Funds Global X HealthTech ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HEAL	999
HEEM	EQUI	ISHARES INCCUR HD MSCI EM	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HEEM	999
HEEM	OPTN	ISHARES CURRENCY HEDGED MSCI EMERGING MARKETS	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HEEM	999
HEES	EQUI	H & E EQUIPMENT SERVICES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HEES	999

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HEES	OPTN	H&E Equipment Services, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HEES	999
HEGD	EQUI	SWAN HEDGED EQUITY US LARGE CAP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HEGD	999
HEGD	OPTN	SWAN HEDGED EQUITY US LARGE CAP ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HEGD	999
HEI	EQUI	HEICO CORP NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	HEI	999
HEI	OPTN	Heico Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	HEI	999
HEIA	EQUI	HEICO CORP NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	HEIA	999
HEIA	OPTN	Heico Corporation Class A	Yes	Yes	25.00	37.50	100	1.00	No	No	HEIA	999
HELE	EQUI	HELEN OF TROY CORP LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HELE	999
HELE	OPTN	HELEN OF TROY LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	HELE	999
HELX	EQUI	FRANKLIN GENOMIC ADVANCEMENTS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HELX	999
HELX	OPTN	FRANKLIN GENOMIC ADVANCEMENTS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HELX	999
HEPS	EQUI	D MARKET ELECTR SVCS & TRADISPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	HEPS	999
HEPS	OPTN	D-MARKET ELEKTRONIK HIZMETLER VE TICARET AS ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	HEPS	999
HEQT	EQUI	SIMPLIFY EXCHANGE TRADED FUNHEDGED EQUITY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HEQT	999
HEQT	OPTN	SIMPLIFY HEDGED EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HEQT	999
HERD	EQUI	PACER FDS TRCASH COWS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HERD	999
HERO	EQUI	GLOBAL X FDSVDEO GAM ESPRT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HERO	999
HERO	OPTN	GLOBAL X VIDEO GAMES & ESPORTS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HERO	999
HES	EQUI	HESS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HES	999
HES	OPTN	Hess Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	HES	999
2HES	OPTN	Hess Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HES	999
HESM	EQUI	Hess Midstream LP	Yes	Yes	0.00	0.00	1	1.00	No	No	HESM	999
HESM	OPTN	Hess Midstream LP	Yes	Yes	25.00	37.50	100	1.00	No	No	HESM	999
HEWG	EQUI	iShares Currency Hedged MSCI Germany ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HEWG	999
HEWG	OPTN	iShares Currency Hedged MSCI Germany ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HEWG	999
HFFG	EQUI	HF FOODS GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HFFG	999
HFFG	OPTN	HF FOODS GROUP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	HFFG	999
HFND	EQUI	TIDAL ETF TRUNLIMITED HFND	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HFND	999
HFND	OPTN	UNLIMITED HFND MULTI-STRATEGY RETURN TRACKER ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HFND	999
HFWA	EQUI	Heritage Financial Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	HFWA	999
HFWA	OPTN	Heritage Financial Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	HFWA	999
HG	EQUI	HAMILTON INSURANCE GROUP LTDCL B	Yes	Yes	0.00	0.00	1	1.00	No	No	HG	999
HG	OPTN	HAMILTON INSURANCE GROUP, LTD. CLASS B	Yes	Yes	25.00	37.50	100	1.00	No	No	HG	999
HGER	EQUI	Harbor Commodity All-Weather Strategy ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HGER	999
HGER	OPTN	Harbor Commodity All-Weather Strategy ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HGER	999
HGTY	EQUI	HAGERTY INCCL A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	HGTY	999
HGTY	OPTN	HAGERTY INC	Yes	Yes	25.00	37.50	100	1.00	No	No	HGTY	999
HGV	EQUI	HILTON GRAND VACATIONS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HGV	999
HGV	OPTN	Hilton Grand Vacations Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HGV	999
1HGV	OPTN	Hilton Grand Vacations Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HGV	999
HHH	EQUI	Howard Hughes Holdings Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	HHH	999
HHH	OPTN	Howard Hughes Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HHH	999
HI	EQUI	HILLENBRAND INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HI	999
HI	OPTN	Hillenbrand Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	HI	999
HIG	EQUI	The Hartford Insurance Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	HIG	999
HIG	OPTN	The Hartford Insurance Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HIG	999
2HIG	OPTN	The Hartford Insurance Group, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HIG	999
HIGH	EQUI	SIMPLIFY EXCHANGE TRADED FUNENHANCED INM ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HIGH	999
HIGH	OPTN	SIMPLIFY ENHANCED INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HIGH	999
HII	EQUI	HUNTINGTON INGALLS INDS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HII	999

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HII	OPTN	Huntington Ingalls Industries	Yes	Yes	25.00	37.50	100	1.00	No	No	HII	999
HIMS	EQUI	Hims & Hers Health, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	HIMS	999
HIMS	OPTN	Hims & Hers Health, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HIMS	999
2HIMS	OPTN	Hims & Hers Health, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HIMS	999
HIMX	EQUI	HIMAX TECHNOLOGIES INC ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	HIMX	999
HIMX	OPTN	Himax Technologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HIMX	999
HIPO	EQUI	Hippo Holdings Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	HIPO	999
HIPO	OPTN	HIPPO HOLDINGS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	HIPO	999
HIPOW	WARR	HIPPO HOLDINGS INC (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	HIPO	999
HIPS	EQUI	GRANITESHARES ETF TRHIPS US HIGH INC	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HIPS	999
HIPS	OPTN	GRANITESHARES HIPS US HIGH INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HIPS	999
HITI	EQUI	HIGH TIDE INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	HITI	999
HITI	OPTN	HIGH TIDE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	HITI	999
HIVE	EQUI	HIVE Digital Technologies Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	HIVE	999
HIVE	OPTN	HIVE Digital Technologies Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	HIVE	999
HIW	EQUI	HIGHWOODS PPTYS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	HIW	999
HIW	OPTN	HIGHWOODS PROPERTIES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	HIW	999
HJEN	EQUI	DIREXION SHS ETF TRHYDROGEN ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HJEN	999
HRKCW	WARR	Halcon Resources Corp (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	HKRSA	999
HL	EQUI	HECLA MNG COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HL	999
HL	OPTN	HECLA MINING COMPANY	Yes	Yes	25.00	37.50	100	1.00	No	No	HL	999
HLAL	EQUI	LISTED FD TRWAHED FTSE ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HLAL	999
HLF	EQUI	Herbalife Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	HLF	999
HLF	OPTN	Herbalife Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	HLF	999
HLI	EQUI	HOULIHAN LOKEY INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	HLI	999
HLI	OPTN	Houlihan Lokey, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HLI	999
HLIO	EQUI	Helios Technologies, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	HLIO	999
HLIO	OPTN	Helios Technologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HLIO	999
HLIT	EQUI	Harmonic Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	HLIT	999
HLIT	OPTN	Harmonic Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	HLIT	999
HLLY	EQUI	Holley Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	HLLY	999
HLLY	OPTN	HOLLEY INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	HLLY	999
HLLYWS	WARR	Holley Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	HLLY	999
HLMN	EQUI	Hillman Solutions Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	HLMN	999
HLMN	OPTN	Hillman Solutions Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	HLMN	999
HLN	EQUI	Haleon plc	Yes	Yes	0.00	0.00	1	1.00	No	No	HLN	999
HLN	OPTN	HALEON PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	HLN	999
HLNE	EQUI	HAMILTON LANE INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	HLNE	999
HLNE	OPTN	Hamilton Lane, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HLNE	999
HLT	EQUI	HILTON WORLDWIDE HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HLT	999
HLT	OPTN	Hilton Worldwide Holdings Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	HLT	999
2HLT	OPTN	Hilton Worldwide Holdings Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HLT	999
HLX	EQUI	Helix Energy Solutions Group I	Yes	Yes	0.00	0.00	1	1.00	No	No	HLX	999
HLX	OPTN	HELIX ENERGY SOLUTIONS GROUP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	HLX	999
HMC	EQUI	HONDA MOTOR LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	HMC	999
HMC	OPTN	HONDA MOTOR COMPANY LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	HMC	999
HMN	EQUI	HORACE MANN EDUCATORS CORP N	Yes	Yes	0.00	0.00	1	1.00	No	No	HMN	999
HMN	OPTN	Horace Mann Educators Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	HMN	999
HMST	EQUI	HOMESTREET INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HMST	999
HMST	OPTN	HomeStreet Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	HMST	999

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HMY	EQUI	HARMONY GOLD MNG LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	HMY	999
HMY	OPTN	HARMONY GOLD MINING COMP. LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	HMY	999
HNDL	EQUI	STRATEGY SHSNS 7HANDL IDX	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HNDL	999
HNDL	OPTN	STRATEGY SHARES NASDAQ 7HANDL INDEX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HNDL	999
HNI	EQUI	HNI CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	HNI	999
HNI	OPTN	HON INDUSTRIES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	HNI	999
HNRG	EQUI	HALLADOR ENERGY COMPANYCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HNRG	999
HNRG	OPTN	HALLADOR ENERGY CO	Yes	Yes	25.00	37.50	100	1.00	No	No	HNRG	999
1HNRG	OPTN	HALLADOR ENERGY CO (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HNRG	999
HNST	EQUI	HONEST CO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HNST	999
HNST	OPTN	THE HONEST COMPANY, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	HNST	999
HOFT	EQUI	Hooker Furnishings Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	HOFT	999
HOFT	OPTN	Hooker Furnishings Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	HOFT	999
HOG	EQUI	HARLEY DAVIDSON INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HOG	999
HOG	OPTN	HARLEY DAVIDSON, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	HOG	999
HOLO	EQUI	MICROCLOUD HOLOGRAM INCORD SHS NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	HOLO	999
HOLO	OPTN	MICROCLOUD HOLOGRAM INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	HOLO	999
HOLX	EQUI	HOLOGIC INC	Yes	Yes	0.00	0.00	1	1.00	No	No	HOLX	999
HOLX	OPTN	HOLOGIC, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	HOLX	999
HOMB	EQUI	HOME BANCSHARES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HOMB	999
HOMB	OPTN	Home Bancshares, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HOMB	999
2HOMB	OPTN	Home Bancshares, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HOMB	999
HOMZ	EQUI	ETF SER SOLUTIONSHOYA CAP HOUSI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HOMZ	999
HOMZ	OPTN	HOYA CAPITAL HOUSING ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HOMZ	999
HON	EQUI	HONEYWELL INTL INC	Yes	Yes	0.00	0.00	1	1.00	No	No	HON	999
HON	OPTN	HONEYWELL INTL INC (NEW)	Yes	Yes	25.00	37.50	100	1.00	No	No	HON	999
2HON	OPTN	HONEYWELL INTL INC (NEW) (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HON	999
HONE	EQUI	HARBORONE BANCORP INC NEWCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	HONE	999
HONE	OPTN	HARBORONE BANCORP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	HONE	999
HOOD	EQUI	Robinhood Markets Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	HOOD	999
HOOD	OPTN	ROBINHOOD MARKET INC	Yes	Yes	25.00	37.50	100	1.00	No	No	HOOD	999
1HOOD	OPTN	ROBINHOOD MARKET INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HOOD	999
2HOOD	OPTN	ROBINHOOD MARKET INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HOOD	999
HOOK	EQUI	HOOKIPA PHARMA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HOOK	999
HOOK	OPTN	HOOKIPA PHARMA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	HOOK	999
HOPE	EQUI	Hope Bancorp, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	HOPE	999
HOPE	OPTN	Hope Bancorp, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HOPE	999
HOUS	EQUI	Anywhere Real Estate Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	HOUS	999
HOUS	OPTN	Anywhere Real Estate Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HOUS	999
HOWL	EQUI	WEREWOLF THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HOWL	999
HOWL	OPTN	WEREWOLF THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	HOWL	999
HP	EQUI	HELMERICH & PAYNE INC	Yes	Yes	0.00	0.00	1	1.00	No	No	HP	999
HP	OPTN	HELMERICH & PAYNE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	HP	999
HPE	EQUI	HEWLETT PACKARD ENTERPRISE CCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HPE	999
HPE	OPTN	Hewlett Packard Enterprise Co.	Yes	Yes	25.00	37.50	100	1.00	No	No	HPE	999
2HPE	OPTN	Hewlett Packard Enterprise Co. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HPE	999
HPK	EQUI	HIGHPEAK ENERGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HPK	999
HPK	OPTN	HIGHPEAK ENERGY INC	Yes	Yes	25.00	37.50	100	1.00	No	No	HPK	999
HPKEW	WARR	HIGHPEAK ENERGY INC (WARRANT)	Yes	Yes	0.25	0.375	1	1.00	No	No	HPK	999
HPP	EQUI	HUDSON PAC PPTYS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HPP	999



**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
HPP	OPTN	Hudson Pacific Properties Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HPP	999
HPQ	EQUI	HP Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	HPQ	999
HPQ	OPTN	HP Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HPQ	999
2HPQ	OPTN	HP Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HPQ	999
HQY	EQUI	HEALTHEQUITY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HQY	999
HQY	OPTN	HealthEquity, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HQY	999
HR	EQUI	Healthcare Realty Trust Incorporated	Yes	Yes	0.00	0.00	1	1.00	No	No	HR	999
HR	OPTN	Healthcare Realty Trust, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HR	999
HRB	EQUI	BLOCK H & R INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HRB	999
HRB	OPTN	H & R BLOCK INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	HRB	999
2HRB	OPTN	H & R BLOCK INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HRB	999
HRI	EQUI	Herc Holdings Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	HRI	999
HRI	OPTN	Herc Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HRI	999
HRL	EQUI	HORMEL FOODS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HRL	999
HRL	OPTN	HORMEL FOODS CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	HRL	999
HRMY	EQUI	HARMONY BIOSCIENCES HLDGS INCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HRMY	999
HRMY	OPTN	HARMONY BIOSCIENCES HOLDINGS IN	Yes	Yes	25.00	37.50	100	1.00	No	No	HRMY	999
HROW	EQUI	Harrow, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	HROW	999
HROW	OPTN	Harrow, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HROW	999
HRTG	EQUI	HERITAGE INS HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HRTG	999
HRTG	OPTN	Heritage Insurance Holdings Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	HRTG	999
HRTS	EQUI	Tema ETF Trust Tema GLP-1, Obesity & Cardiometabol	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HRTS	999
HRTS	OPTN	Tema ETF Trust Tema GLP-1, Obesity & Cardiometabol	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HRTS	999
HRTX	EQUI	HERON THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HRTX	999
HRTX	OPTN	Heron Therapeutics Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	HRTX	999
HRZN	EQUI	HORIZON TECHNOLOGY FIN CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HRZN	999
HRZN	OPTN	Horizon Technology Finance Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	HRZN	999
HSAI	EQUI	HESAI GROUPSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	HSAI	999
HSAI	OPTN	HESAI GROUP SPONSORED ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	HSAI	999
HSBC	EQUI	HSBC HLDGS PLCSPON ADR NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	HSBC	999
HSBC	OPTN	HSBC HOLDINGS PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	HSBC	999
HSBC1	OPTN	HSBC HOLDINGS PLC (Cash Distribution)	Yes	Yes	25.00	37.50	100	1.00	No	No	HSBC	999
2HSBC	OPTN	HSBC HOLDINGS PLC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HSBC	999
HSIC	EQUI	SCHEIN HENRY INC	Yes	Yes	0.00	0.00	1	1.00	No	No	HSIC	999
HSIC	OPTN	HENRY SCHEIN INC	Yes	Yes	25.00	37.50	100	1.00	No	No	HSIC	999
1HSIC	OPTN	HENRY SCHEIN INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HSIC	999
2HSIC	OPTN	HENRY SCHEIN INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HSIC	999
HSII	EQUI	HEIDRICK & STRUGGLES INTL INCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HSII	999
HSII	OPTN	HEIDRICK & STRUGGLES INTL	Yes	Yes	25.00	37.50	100	1.00	No	No	HSII	999
HSMV	EQUI	FIRST TR EXCH TRADED FD IIIHORIZON VOL SMCP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HSMV	999
HST	EQUI	HOST HOTELS & RESORTS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HST	999
HST	OPTN	Host Hotels & Resorts	Yes	Yes	25.00	37.50	100	1.00	No	No	HST	999
HSTM	EQUI	HEALTHSTREAM INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HSTM	999
HSTM	OPTN	HealthStream Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	HSTM	999
HSY	EQUI	HERSHEY COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HSY	999
HSY	OPTN	HERSHEY CO THE	Yes	Yes	25.00	37.50	100	1.00	No	No	HSY	999
HTB	EQUI	HOMETRUST BANCSHARES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HTB	999
HTB	OPTN	HomeTrust Bancshares, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HTB	999
HTBK	EQUI	HERITAGE COMMERCE CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	HTBK	999
HTBK	OPTN	Heritage Commerce Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	HTBK	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
HTEC	EQUI	EXCHANGE TRADED CONCEPTS TRROBO GBL HLTCR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HTEC	999
HTEC	OPTN	ROBO GLOBAL HEALTHCARE TECHNOLOGY AND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HTEC	999
HTGC	EQUI	Hercules Capital, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	HTGC	999
HTGC	OPTN	Hercules Capital, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HTGC	999
HTH	EQUI	HILLTOP HOLDINGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HTH	999
HTH	OPTN	Hilltop Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HTH	999
HTHT	EQUI	H World Group Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	HTHT	999
HTHT	OPTN	H World Group Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	HTHT	999
HTLD	EQUI	HEARTLAND EXPRESS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	HTLD	999
HTLD	OPTN	HEARTLAND EXPRESS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	HTLD	999
HTOO	EQUI	Fusion Fuel Green PLC Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	HTOO	999
HTOO	OPTN	FUSION FUEL GREEN PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	HTOO	999
HTOOW	WARR	Fusion Fuel Green PLC Class A (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	HTOO	999
HTZ	EQUI	Hertz Global Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	HTZ	999
HTZ	OPTN	HERTZ GLOBAL HOLDINGS, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	HTZ	999
1HTZ	OPTN	HERTZ GLOBAL HOLDINGS, INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HTZ	999
HTZWW	WARR	HERTZ GLOBAL HOLDINGS, INC (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	HTZ	999
HUBB	EQUI	HUBBELL INC	Yes	Yes	0.00	0.00	1	1.00	No	No	HUBB	999
HUBB	OPTN	Hubbell Incorporated	Yes	Yes	25.00	37.50	100	1.00	No	No	HUBB	999
HUBG	EQUI	HUB GROUP INCCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	HUBG	999
HUBG	OPTN	Hub Group Inc CL A	Yes	Yes	25.00	37.50	100	1.00	No	No	HUBG	999
HUBS	EQUI	HUBSPOT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HUBS	999
HUBS	OPTN	HubSpot, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HUBS	999
HUM	EQUI	HUMANA INC	Yes	Yes	0.00	0.00	1	1.00	No	No	HUM	999
HUM	OPTN	HUMANA	Yes	Yes	25.00	37.50	100	1.00	No	No	HUM	999
2HUM	OPTN	HUMANA (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HUM	999
HUMA	EQUI	Humacyte, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	HUMA	999
HUMA	OPTN	Humacyte, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HUMA	999
HUMAW	WARR	Humacyte Inc (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	HUMA	999
HUN	EQUI	HUNTSMAN CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HUN	999
HUN	OPTN	HUNTSMAN CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	HUN	999
HURN	EQUI	HURON CONSULTING GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HURN	999
HURN	OPTN	Huron Consulting Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HURN	999
HUSA	EQUI	HOUSTON AMERN ENERGY CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HUSA	999
HUSA	OPTN	HOUSTON AMERICAN ENERGY CORPORATION COMMON	Yes	Yes	25.00	37.50	100	1.00	No	No	HUSA	999
HUSV	EQUI	FIRST TR EXCH TRADED FD IIIHORIZON DMST ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HUSV	999
HUT	EQUI	Hut 8 Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	HUT	999
HUT	OPTN	HUT 8 MINING CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	HUT	999
HUT1	OPTN	Hut 8 Corporation (1:5 Rev Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	HUT	999
HUYA	EQUI	HUYA INCADS REP SHS A	Yes	Yes	0.00	0.00	1	1.00	No	No	HUYA	999
HUYA	OPTN	HUYA Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HUYA	999
HVT	EQUI	HAVERTY FURNITURE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HVT	999
HVT	OPTN	Haverty Furniture Companies, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	HVT	999
HWC	EQUI	Hancock Whitney Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	HWC	999
HWC	OPTN	Hancock Whitney Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	HWC	999
HWKN	EQUI	HAWKINS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	HWKN	999
HWKN	OPTN	Hawkins Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HWKN	999
HWM	EQUI	Howmet Aerospace Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	HWM	999
HWM	OPTN	Howmet Aerospace Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HWM	999
2HWM	OPTN	Howmet Aerospace Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	HWM	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
HXL	EQUI	HEXCEL CORP NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HXL	999
HXL	OPTN	HEXCEL CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	HXL	999
HY	EQUI	Hyster-Yale, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	HY	999
HY	OPTN	Hyster-Yale, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	HY	999
HYBB	EQUI	ISHARES TRBB RAT CORP BD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HYBB	999
HYBB	OPTN	ISHARES BB RATED CORPORATE BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HYBB	999
HYDR	EQUI	GLOBAL X FDSGBL X HYDROGEN	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HYDR	999
HYDR	OPTN	GLOBAL X HYDROGEN ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HYDR	999
HYEM	EQUI	VANECK ETF TRUSTEMERGING MRKT HI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HYEM	999
HYEM	OPTN	DIREXION DAILY GOOGL BEAR 1X SHARES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HYEM	999
HYFM	EQUI	HYDROFARM HLDGS GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	HYFM	999
HYFM1	OPTN	HYDROFARM HOLDINGS GROUP, INC (1:10 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	HYFM	999
HYGH	EQUI	iShares Interest Rate Hedged High Yield Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HYGH	999
HYGH	OPTN	iShares Interest Rate Hedged High Yield Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HYGH	999
HYLG	EQUI	GLOBAL X FDSHEALTH CARE COVR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HYLG	999
HYLN	EQUI	Hyllion Holdings Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	HYLN	999
HYLN	OPTN	Hyllion Holdings Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	HYLN	999
SHLLWS	WARR	Hyllion Holdings Corporation (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	HYLN	999
HYMC	EQUI	HYCROFT MINING HOLDING CORPCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	HYMC	999
HYMC	OPTN	HYCROFT MINING HOLDING	Yes	Yes	25.00	37.50	100	1.00	No	No	HYMC	999
HYMCL	WARR	HYCROFT MINING HOLDING (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	HYMC	999
HYMCW	WARR	HYCROFT MINING HOLDING (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	HYMC	999
HYPR	EQUI	Hyperfine, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	HYPR	999
HYPR	OPTN	HYPERFINE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	HYPR	999
HYSA	EQUI	BondBloxx USD High Yield Bond Sector Rotation ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HYSA	999
HYSA	OPTN	BondBloxx USD High Yield Bond Sector Rotation ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HYSA	999
HYXU	EQUI	iShares International High Yeild Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HYXU	999
HYXU	OPTN	ISHARES INTERNATIONAL HIGH YIELD BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HYXU	999
HYZD	EQUI	WISDOMTREE TRHEDGED HI YLD BD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	HYZD	999
HYZD	OPTN	WISDOMTREE INTEREST RATE HEDGED HIGH YIELD BOND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	HYZD	999
HYZN1	OPTN	Hyzon Motors Inc. (1:50 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	HYZN	999
HZO	EQUI	MARINEMAX INC	Yes	Yes	0.00	0.00	1	1.00	No	No	HZO	999
HZO	OPTN	MARINEMAX , INC	Yes	Yes	25.00	37.50	100	1.00	No	No	HZO	999
IAC	EQUI	IAC Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	IAC	999
IAC	OPTN	IAC Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	IAC	999
IAC1	OPTN	IAC Inc. (Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	IAC	999
2IAC	OPTN	IAC Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	IAC	999
2IAC1	OPTN	IAC Inc. (EURO/FLEX) (Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	IAC	999
IAG	EQUI	IAMGOLD CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IAG	999
IAG	OPTN	IAM GOLD CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	IAG	999
2IAG	OPTN	IAM GOLD CORP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	IAG	999
IAGG	EQUI	ISHARES CORE INTERNATIONAL AGGREGATE BOND ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IAGG	999
IAGG	OPTN	ISHARES CORE INTERNATIONAL AGGREGATE BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IAGG	999
IAI	EQUI	iShares U.S. Broker-Dealers & Sec. Exchanges ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IAI	999
IAI	OPTN	iShares U.S. Broker-Dealers & Sec. Exchanges ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IAI	999
IAK	EQUI	ISHARES TRU.S. INSRNCE ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IAK	999
IAK	OPTN	ISHARES U.S. INSURANCE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IAK	999
IART	EQUI	INTEGRA LIFESCIENCES HLDGS C	Yes	Yes	0.00	0.00	1	1.00	No	No	IART	999
IART	OPTN	INTEGRA LIFESCIENCES HLDG	Yes	Yes	25.00	37.50	100	1.00	No	No	IART	999
IAS	EQUI	INTEGRAL AD SCIENCE HLDNG COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IAS	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
IAS	OPTN	INTEGRAL AD SCIENCE HOLDING CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	IAS	999
IAT	EQUI	iShares U.S. Regional Banks ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IAT	999
IAT	OPTN	iShares U.S. Regional Banks ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IAT	999
IAUF	EQUI	ISHARES GOLD STRATEGY ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IAUF	999
IAUF	OPTN	ISHARES GOLD STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IAUF	999
IBCP	EQUI	INDEPENDENT BANK CORP MICH	Yes	Yes	0.00	0.00	1	1.00	No	No	IBCP	999
IBCP	OPTN	Independent Bank Corp/MI	Yes	Yes	25.00	37.50	100	1.00	No	No	IBCP	999
IBEX	EQUI	IBEX LTDSHS NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	IBEX	999
IBEX	OPTN	IBEX LTD SHS NEW	Yes	Yes	25.00	37.50	100	1.00	No	No	IBEX	999
IBIT	EQUI	ISHARES BITCOIN TRUST ETFSHS BEN INT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IBIT	999
IBIT	OPTN	ISHARES BITCOIN TRUST ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IBIT	999
IBKR	EQUI	INTERACTIVE BROKERS GROUP INCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IBKR	999
IBKR	OPTN	Interactive Brokers Group Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	IBKR	999
IBLC	EQUI	ISHARES TRBLOCKCHAIN & TEC	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IBLC	999
IBLC	OPTN	ISHARES BLOCKCHAIN AND TECH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IBLC	999
IBM	EQUI	INTERNATIONAL BUSINESS MACHS	Yes	Yes	0.00	0.00	1	1.00	No	No	IBM	999
IBM	OPTN	INTL BUSINESS MACHINE	Yes	Yes	25.00	37.50	100	1.00	No	No	IBM	999
2IBM	OPTN	INTL BUSINESS MACHINE (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	IBM	999
IBN	EQUI	ICICI BK LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	IBN	999
IBN	OPTN	ICICI BANK LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	IBN	999
IBND	EQUI	SPDR SER TRBLOOMBERG INTL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IBND	999
IBND	OPTN	SPDR BLOOMBERG INTERNATIONAL CORPORATE BOND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IBND	999
IBOC	EQUI	INTERNATIONAL BANCSHARES COR	Yes	Yes	0.00	0.00	1	1.00	No	No	IBOC	999
IBOC	OPTN	International Bancshares Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	IBOC	999
IBOT	EQUI	VANECK ETF TRUSTROBOTICS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IBOT	999
IBOT	OPTN	VANECK ROBOTICS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IBOT	999
IBP	EQUI	INSTALLED BLDG PRODS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IBP	999
IBP	OPTN	Installed Building Products, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	IBP	999
2IBP	OPTN	Installed Building Products, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	IBP	999
IBRN	EQUI	ISHARES TRNEUROSCIENCE AND	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IBRN	999
IBRN	OPTN	ISHARES NEUROSCIENCE AND HEALTHCARE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IBRN	999
IBRX	EQUI	ImmunityBio, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	IBRX	999
IBRX	OPTN	ImmunityBio, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	IBRX	999
1IBRX	OPTN	ImmunityBio, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	IBRX	999
IBTA	EQUI	IBOTTA INCCLASS A COM SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	IBTA	999
IBTA	OPTN	IBOTTA, INC. CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	IBTA	999
IBUY	EQUI	AMPLIFY ETF TRONLIN RETL ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IBUY	999
IBUY	OPTN	AMPLIFY ONLINE RETAIL ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IBUY	999
ICAD	EQUI	ICAD INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	ICAD	999
ICAD	OPTN	iCAD Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ICAD	999
ICE	EQUI	Intercontinental Exchange, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ICE	999
ICE	OPTN	Intercontinental Exchange, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ICE	999
2ICE	OPTN	Intercontinental Exchange, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ICE	999
ICFI	EQUI	ICF INTL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ICFI	999
ICFI	OPTN	ICF International, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ICFI	999
ICHR	EQUI	ICHOR HOLDINGSSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	ICHR	999
ICHR	OPTN	Ichor Holdings Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	ICHR	999
ICL	EQUI	ICL Group Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	ICL	999
ICL	OPTN	ICL GROUP LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	ICL	999
AMBR	EQUI	Amber International Holding Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	ICLK	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
AMBR	OPTN	Amber International Holding Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	ICLK	999
ICLN	EQUI	ISHARES TRGL CLEAN ENE ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ICLN	999
KLNE	EQUI	DIREXION SHS ETF TRDAILY GLOBAL CLN	Yes	Yes	0.00	0.00	1	2.00	Yes	No	ICLN	999
ICLN	OPTN	ISHARES GLOBAL CLEAN ENERGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ICLN	999
ICLR	EQUI	ICON PLCSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	ICLR	999
ICLR	OPTN	ICON plc	Yes	Yes	25.00	37.50	100	1.00	No	No	ICLR	999
ICMB	EQUI	Investcorp Credit Management BDC, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ICMB	999
ICMB	OPTN	Investcorp Credit Management BDC, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ICMB	999
ICOP	EQUI	ISHARES TRCOPPER & METALS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ICOP	999
ICOP	OPTN	ISHARES COPPER AND METALS MINING ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ICOP	999
ICSH	EQUI	iShares Ultra Short-Term Bond Active ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ICSH	999
ICSH	OPTN	iShares Ultra Short-Term Bond Active ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ICSH	999
ICUI	EQUI	ICU MED INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ICUI	999
ICUI	OPTN	ICU MEDICAL, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ICUI	999
ICVT	EQUI	ISHARES CONVERTIBLE BOND ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ICVT	999
ICVT	OPTN	ISHARES CONVERTIBLE BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ICVT	999
IDA	EQUI	IDACORP	Yes	Yes	0.00	0.00	1	1.00	No	No	IDA	999
IDA	OPTN	IDACORP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	IDA	999
IDAT	EQUI	iShares Future Cloud 5G and Tech ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IDAT	999
IDAT	OPTN	iShares Future Cloud 5G and Tech ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IDAT	999
IDCC	EQUI	INTERDIGITAL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IDCC	999
IDCC	OPTN	InterDigital Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	IDCC	999
IDHQ	EQUI	INVESCO EXCH TRADED FD TR IIS&P INTL QULTY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IDHQ	999
IDHQ	OPTN	INVESCO S&P INTERNATIONAL DEV HIGH QUALITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IDHQ	999
IDLV	EQUI	INVESCO EXCH TRADED FD TR IIS&P INTL LOW	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IDLV	999
IDLV	OPTN	INVESCO S&P INTERNATIONAL DEVELOPED LOW VOL ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IDLV	999
IDN	EQUI	INTELLICHECK INC	Yes	Yes	0.00	0.00	1	1.00	No	No	IDN	999
IDN	OPTN	INTELLICHECK INC	Yes	Yes	25.00	37.50	100	1.00	No	No	IDN	999
IDNA	EQUI	ISHARES GENOMICS IMMUNOLOGY AND HEALTHCARE ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IDNA	999
IDNA	OPTN	ISHARES GENOMICS IMMUNOLOGY AND HEALTHCARE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IDNA	999
IDR	EQUI	IDAHO STRATEGIC RESOURCESCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	IDR	999
IDR	OPTN	IDAHO STRATEGIC RESOURCES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	IDR	999
IDRV	EQUI	ISHARES TRSELF DRIVNG EV	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IDRV	999
IDRV	OPTN	ISHARES SELF-DRIVING EV AND TECH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IDRV	999
IDT	EQUI	IDT CORPCL B NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	IDT	999
IDT	OPTN	IDT Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	IDT	999
IDUB	EQUI	APTUS INTERNATIONAL ENHANCED YIELD ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IDUB	999
IDUB	OPTN	APTUS INTERNATIONAL ENHANCED YIELD ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IDUB	999
IDV	EQUI	iShares International Select Dividend ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IDV	999
IDV	OPTN	iShares International Select Dividend ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IDV	999
IDVO	EQUI	Amplify CWP International Enhanced Dividend Income	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IDVO	999
IDVO	OPTN	Amplify CWP International Enhanced Dividend Income	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IDVO	999
IDXX	EQUI	IDEXX LABS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	IDXX	999
IDXX	OPTN	IDEXX LABORATORIES INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	IDXX	999
IDYA	EQUI	IDEAYA BIOSCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IDYA	999
IDYA	OPTN	IDEAYA BIOSCIENCES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	IDYA	999
1IDYA	OPTN	IDEAYA BIOSCIENCES, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	IDYA	999
IE	EQUI	IVANHOE ELECTRIC INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IE	999
IE	OPTN	IVANHOE ELECTRIC INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	IE	999
IEDI	EQUI	iShares U.S. Consumer Focused ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IEDI	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
IEDI	OPTN	iShares U.S. Consumer Focused ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IEDI	999
IEP	EQUI	ICAHN ENTERPRISES LPDEPOSITARY UNIT	Yes	Yes	0.00	0.00	1	1.00	No	No	IEP	999
IEP	OPTN	Icahn Enterprises LP	Yes	Yes	25.00	37.50	100	1.00	No	No	IEP	999
IESC	EQUI	IES Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	IESC	999
IESC	OPTN	IES HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	IESC	999
IETC	EQUI	iShares U.S. Tech Independence Focused ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IETC	999
IETC	OPTN	iShares U.S. Tech Independence Focused ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IETC	999
IEUS	EQUI	ISHARES TRDEVSMCP EXNA ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IEUS	999
IEX	EQUI	IDEX CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	IEX	999
IEX	OPTN	IDEX CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	IEX	999
IFF	EQUI	INTERNATIONAL FLAVORS&FRAGRACOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IFF	999
IFF	OPTN	INTL FLAVORS & FRAGRANCES	Yes	Yes	25.00	37.50	100	1.00	No	No	IFF	999
IFGL	EQUI	iShares International Developed Real Estate ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IFGL	999
IFGL	OPTN	iShares International Developed Real Estate ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IFGL	999
IFRA	EQUI	iShares U.S. Infrastructure ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IFRA	999
IFRA	OPTN	ISHARES U.S. INFRASTRUCTURE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IFRA	999
IFRX	EQUI	INFLARX NVCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IFRX	999
IFRX	OPTN	InflaRx N.V.	Yes	Yes	25.00	37.50	100	1.00	No	No	IFRX	999
IFV	EQUI	FIRST TR EXCHANGE-TRADED FDDORSEY WRIGHT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IFV	999
IFV	OPTN	FIRST TRUST DORSEY WRIGHT INTERNATIONAL FOCUS 5	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IFV	999
IGC	EQUI	IGC Pharma, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	IGC	999
IGC	OPTN	IGC Pharma, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	IGC	999
IGE	EQUI	iShares North American Natural Resources ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IGE	999
IGE	OPTN	iShares North American Natural Resources ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IGE	999
IGF	EQUI	iShares Global Infrastructure ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IGF	999
IGF	OPTN	iShares Global Infrastructure ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IGF	999
IGHG	EQUI	PROSHARES INVESTMENT GRADE-INTEREST RATE HEDGED	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IGHG	999
IGHG	OPTN	PROSHARES INVESTMENT GRADE-INTEREST RATE HEDGED	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IGHG	999
IGIC	EQUI	INTL GNRL INSURANCE HLDNGS LSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	IGIC	999
IGIC	OPTN	INTERNATIONAL GENERAL INSURANCE HOLDINGS LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	IGIC	999
IGLB	EQUI	iShares 10+ Year Inv Grade Corporate Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IGLB	999
IGLB	OPTN	iShares 10+ Year Inv Grade Corporate Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IGLB	999
IGLD	EQUI	FT Vest Gold Strategy Target Income ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IGLD	999
IGLD	OPTN	FT Vest Gold Strategy Target Income ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IGLD	999
IGM	EQUI	iShares Expanded Tech Sector ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IGM	999
IGM	OPTN	iShares Expanded Tech Sector ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IGM	999
IGMS	EQUI	IGM BIOSCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IGMS	999
IGMS	OPTN	IGM BIOSCIENCES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	IGMS	999
IDGT	EQUI	iShares US Digital Infrastructure & Real EstateETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IGN	999
IDGT	OPTN	iShares US Digital Infrastructure and Real Estate	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IGN	999
IGOV	EQUI	iShares S&P Citigroup Intl Treasury Bond Fund ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IGOV	999
IGOV	OPTN	iShares International Treasury Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IGOV	999
IGPT	EQUI	Invesco AI and Next Gen Software ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IGPT	999
IGPT	OPTN	Invesco AI and Next Gen Software ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IGPT	999
IGRO	EQUI	ISHARES INTERNATIONAL DIVIDEND GROWTH ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IGRO	999
IGRO	OPTN	ISHARES INTERNATIONAL DIVIDEND GROWTH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IGRO	999
IGSB	EQUI	iShares Trust iShares 1-5Yr InvGrade Corp Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IGSB	999
IGSB	OPTN	iShares Trust iShares 1-5Yr InvGrade Corp Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IGSB	999
IGT	EQUI	International Game Technology PLC	Yes	Yes	0.00	0.00	1	1.00	No	No	IGT	999
IGT	OPTN	International Game Technology PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	IGT	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
IGV	EQUI	iShares Expanded Tech-Software Sector ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IGV	999
IGV	OPTN	iShares Expanded Tech-Software Sector ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IGV	999
2IGV	OPTN	iShares Expanded Tech-Software Sector (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IGV	999
IHAK	EQUI	ISHARES CYBERSECURITY AND TECH ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IHAK	999
IHAK	OPTN	ISHARES CYBERSECURITY AND TECH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IHAK	999
IHDG	EQUI	WISDOMTREE TRITL HDG DIV GT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IHDG	999
IHDG	OPTN	WisdomTree International Hedged Dividend Growth Fu	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IHDG	999
IHF	EQUI	iShares U.S. Healthcare Providers ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IHF	999
IHF	OPTN	iShares U.S. Healthcare Providers ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IHF	999
IHI	EQUI	iShares U.S. Medical Devices ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IHI	999
IHI	OPTN	iShares U.S. Medical Devices ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IHI	999
IHRT	EQUI	IHEARTMEDIA INCCL A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	IHRT	999
IHRT	OPTN	IHEARTMEDIA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	IHRT	999
IHS	EQUI	IHS HOLDING LIMITEDORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	IHS	999
IHS	OPTN	IHS HOLDING LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	IHS	999
IHY	EQUI	VanEck International High Yield Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IHY	999
IHY	OPTN	VanEck International High Yield Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IHY	999
III	EQUI	INFORMATION SVCS GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	III	999
III	OPTN	INFORMATION SERVICES GROUP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	III	999
IIIN	EQUI	INSTEEL INDUSTRIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IIIN	999
IIIN	OPTN	INSTEEL INDUSTRIES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	IIIN	999
IIIV	EQUI	I3 VERTICALS INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	IIIV	999
IIIV	OPTN	I3 VERTICALS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	IIIV	999
IIPR	EQUI	INNOVATIVE INDL PPTYS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IIPR	999
IIPR	OPTN	INNOVATIVE INDUSTRIAL PROPERTIES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	IIPR	999
IJJ	EQUI	iShares S&P Mid-Cap 400 Value ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IJJ	999
IJJ	OPTN	iShares S&P Mid-Cap 400 Value ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IJJ	999
IJS	EQUI	iShares S&P Small-Cap 600 Value ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IJS	999
SLYV	EQUI	SPDR SER TRS&P 600 SMCP VAL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IJS	999
VIOV	EQUI	VANGUARD ADMIRAL FDS INCSMLCP 600 VAL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IJS	999
IJS	OPTN	iShares S&P Small-Cap 600 Value ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IJS	999
SLYV	OPTN	S&P 600 SMALL CAP VALUE	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IJS	999
VIOV	OPTN	VANGUARD S&P SMALL-CAP 600 VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IJS	999
ILCB	EQUI	ISHARES TRMORNINGSTR US EQ	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ILCB	999
ILCB	OPTN	ISHARES MORNINGSTAR U.S. EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ILCB	999
ILCG	EQUI	ISHARES TRMORNINGSTAR GRWT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ILCG	999
ILCG	OPTN	ISHARES MORNINGSTAR GROWTH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ILCG	999
ILCV	EQUI	ISHARES TRMORNINGSTAR VALU	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ILCV	999
ILIT	EQUI	ISHARES TRLITHIUM MINRS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ILIT	999
ILIT	OPTN	ISHARES LITHIUM MINERS AND PRODUCERS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ILIT	999
ILMN	EQUI	ILLUMINA INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ILMN	999
ILMN	OPTN	Illumina, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ILMN	999
ILMN1	OPTN	Illumina, Inc.(dist)	Yes	Yes	25.00	37.50	100	1.00	No	No	ILMN	999
ILPT	EQUI	Industrial Logistics Properties Trust	Yes	Yes	0.00	0.00	1	1.00	No	No	ILPT	999
ILPT	OPTN	INDUSTRIAL LOGISTICS PROPERTIES TRUST	Yes	Yes	25.00	37.50	100	1.00	No	No	ILPT	999
ILTB	EQUI	ISHARES TRCORE LT USDB ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ILTB	999
IMAB	EQUI	I MABSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	IMAB	999
IMAB	OPTN	I-MAB SPONSORED ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	IMAB	999
IMAX	EQUI	IMAX CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	IMAX	999
IMAX	OPTN	IMAX CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	IMAX	999

## RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
BKMC	EQUI	BNY MELLON ETF TRUSTUS MDCP CORE EQT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IMCB	999
IMCB	EQUI	ISHARES TRMRGSTR MD CP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IMCB	999
IMCG	EQUI	ISHARES TRMRGSTR MD CP GRW	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IMCG	999
IMCG	OPTN	ISHARES MORNINGSTAR MID-CAP GROWTH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IMCG	999
IMCR	EQUI	IMMUNOCORE HLDGS PLCADS	Yes	Yes	0.00	0.00	1	1.00	No	No	IMCR	999
IMCR	OPTN	IMMUNOCORE HOLDINGS PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	IMCR	999
1IMCR	OPTN	IMMUNOCORE HOLDINGS PLC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	IMCR	999
IMCV	EQUI	ISHARES TRMRGSTR MD CP VAL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IMCV	999
IMKTA	EQUI	INGLES MKTS INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	IMKTA	999
IMKTA	OPTN	Ingles Markets, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	IMKTA	999
IMMP	EQUI	IMMUTEP LTDSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	IMMP	999
IMMP	OPTN	IMMUTEP LTD SPONSORED ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	IMMP	999
IMMR	EQUI	IMMERSION CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	IMMR	999
IMMR	OPTN	IMMERSION CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	IMMR	999
1IMMR	OPTN	IMMERSION CORP (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	IMMR	999
IMMX	EQUI	IMMIX BIOPHARMA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IMMX	999
IMMX	OPTN	IMMIX BIOPHARMA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	IMMX	999
IMNM	EQUI	IMMUNOME INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IMNM	999
IMNM	OPTN	IMMUNOME, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	IMNM	999
2IMNM	OPTN	IMMUNOME, INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	IMNM	999
IMO	EQUI	IMPERIAL OIL LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	IMO	999
IMO	OPTN	IMPERIAL OIL LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	IMO	999
IMOS	EQUI	ChipMos Technologies,Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	IMOS	999
IMOS	OPTN	ChipMOS TECHNOLOGIES INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	IMOS	999
IMPP	EQUI	IMPERIAL PETE INCCOMMON SHARES	Yes	Yes	0.00	0.00	1	1.00	No	No	IMPP	999
IMPP	OPTN	IMPERIAL PETROLEUM INC. COMMON SHARES	Yes	Yes	25.00	37.50	100	1.00	No	No	IMPP	999
IMTM	EQUI	ISHARES TRMSCI INTL MOMENT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IMTM	999
IMTM	OPTN	ISHARES MSCI INTL MOMENTUM FACTOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IMTM	999
IMTX	EQUI	IMMATICS N.VSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	IMTX	999
IMTX	OPTN	IMMATICS N.V.	Yes	Yes	25.00	37.50	100	1.00	No	No	IMTX	999
IMTXW	WARR	IMMATICS N.V. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	IMTX	999
IMUX	EQUI	Immunic, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	IMUX	999
IMUX	OPTN	IMMUNIC, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	IMUX	999
IMVT	EQUI	Immunovant, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	IMVT	999
IMVT	OPTN	IMMUNOVANT INC	Yes	Yes	25.00	37.50	100	1.00	No	No	IMVT	999
IMXI	EQUI	INTERNATIONAL MNY EXPRESS INCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IMXI	999
IMXI	OPTN	INTERNATIONAL MONEY EXPRESS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	IMXI	999
INBK	EQUI	FIRST INTERNET BANCORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	INBK	999
INBK	OPTN	FIRST INTERNET BANCORP	Yes	Yes	25.00	37.50	100	1.00	No	No	INBK	999
INBX	EQUI	INHIBRX BIOSCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	INBX	999
INBX	OPTN	INHIBRX BIOSCIENCES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	INBX	999
INCO	EQUI	COLUMBIA ETF TR IIINDIA CONSMR ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	INCO	999
INCO	OPTN	COLUMBIA INDIA CONSUMER ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	INCO	999
INCR	EQUI	INTERCURE LTDCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	INCR	999
INCR	OPTN	INTERCURE LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	INCR	999
INCY	EQUI	INCYTE CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	INCY	999
INCY	OPTN	INCYTE GENOMICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	INCY	999
INDA	EQUI	iShares MSCI India Index Fund ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	INDA	999
INDL	EQUI	Direxion Daily MSCI India Bull 2X Shares	Yes	Yes	0.00	0.00	1	2.00	Yes	No	INDA	999
INDA	OPTN	iShares MSCI India ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	INDA	999



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INDL	OPTN	Direxion Daily MSCI India Bull 2X Shares	Yes	Yes	25.00	37.50	100	2.00	Yes	No	INDA	999
2INDA	OPTN	iShares MSCI India ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	INDA	999
INDB	EQUI	INDEPENDENT BANK CORP MASS	Yes	Yes	0.00	0.00	1	1.00	No	No	INDB	999
INDB	OPTN	INDEPENDENT BANK CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	INDB	999
INDI	EQUI	indie Semiconductor, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	INDI	999
INDI	OPTN	indie Semiconductor, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	INDI	999
INDS	EQUI	Pacer Industrial Real Estate ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	INDS	999
INDS	OPTN	Pacer Industrial Real Estate ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	INDS	999
INDV	EQUI	INDIVIOR PLC	Yes	Yes	0.00	0.00	1	1.00	No	No	INDV	999
INDV	OPTN	INDIVIOR PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	INDV	999
INDY	EQUI	ISHARESINDIA 50 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	INDY	999
INDY	OPTN	iShares India 50 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	INDY	999
INFA	EQUI	INFORMATICA INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	INFA	999
INFA	OPTN	INFORMATICA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	INFA	999
INFL	EQUI	LISTED FD TRHORIZON KINETICS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	INFL	999
INFL	OPTN	HORIZON KINETICS INFLATION BENEFICIARIES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	INFL	999
INFN	OPTN	Infinera Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	INFN	999
INFU	EQUI	INFUSYSTEM HOLDINGS, INC.	Yes	Yes	0.00	0.00	1	1.00	No	No	INFU	999
INFU	OPTN	INFUSYSTEM HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	INFU	999
INFY	EQUI	Infosys Ltd	Yes	Yes	0.00	0.00	1	1.00	No	No	INFY	999
INFY	OPTN	Infosys Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	INFY	999
ING	EQUI	ING GROEP N VSPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	ING	999
ING	OPTN	ING GROEP NV	Yes	Yes	25.00	37.50	100	1.00	No	No	ING	999
2ING	OPTN	ING GROEP NV (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ING	999
INGM	EQUI	INGRAM MICRO HLDG CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	INGM	999
INGM	OPTN	INGRAM MICRO HOLDING CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	INGM	999
INGN	EQUI	INOGEN INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	INGN	999
INGN	OPTN	INOGEN INC	Yes	Yes	25.00	37.50	100	1.00	No	No	INGN	999
INGR	EQUI	Ingredion Incorporated	Yes	Yes	0.00	0.00	1	1.00	No	No	INGR	999
INGR	OPTN	Ingredion Incorporated	Yes	Yes	25.00	37.50	100	1.00	No	No	INGR	999
2INGR	OPTN	Ingredion Incorporated (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	INGR	999
INKM	EQUI	SSGA ACTIVE ETF TRINCOM ALLO ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	INKM	999
INKM	OPTN	SPDR SSGA INCOME ALLOCATION ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	INKM	999
INMB	EQUI	INMUNE BIO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	INMB	999
INMB	OPTN	IMMUNE BIO INC	Yes	Yes	25.00	37.50	100	1.00	No	No	INMB	999
INMD	EQUI	INMODE LTDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	INMD	999
INMD	OPTN	INMODE LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	INMD	999
INN	EQUI	SUMMIT HOTEL PPTYS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	INN	999
INN	OPTN	Summit Hotel Properties, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	INN	999
INNV	EQUI	INNOVAGE HLDG CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	INNV	999
INNV	OPTN	INNOVAGE HOLDING CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	INNV	999
INO	EQUI	INOVIO PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	INO	999
INO	OPTN	Inovio Pharmaceuticals, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	INO	999
INOD	EQUI	INNODATA INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	INOD	999
INOD	OPTN	Innodata Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	INOD	999
INQQ	EQUI	INQQ The India Internet ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	INQQ	999
INQQ	OPTN	INQQ The India Internet ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	INQQ	999
INSE	EQUI	INSPIRED ENTMT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	INSE	999
INSE	OPTN	INSPIRED ENTERTAINMENT, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	INSE	999
INSG	EQUI	Inseego Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	INSG	999

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INSG	OPTN	Inseego Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	INSG	999
1INSG	OPTN	Inseego Corporation (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	INSG	999
INSM	EQUI	Insmmed, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	INSM	999
INSM	OPTN	Insmmed, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	INSM	999
1INSM	OPTN	Insmmed, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	INSM	999
INSP	EQUI	INSPIRE MED SYS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	INSP	999
INSP	OPTN	Inspire Medical Systems Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	INSP	999
2INSP	OPTN	Inspire Medical Systems Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	INSP	999
INSW	EQUI	INTERNATIONAL SEAWAYS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	INSW	999
INSW	OPTN	INTERNATIONAL SEAWAYS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	INSW	999
INTA	EQUI	INTAPP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	INTA	999
INTA	OPTN	INTAPP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	INTA	999
INTC	EQUI	INTEL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	INTC	999
INTC	OPTN	INTEL CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	INTC	999
2INTC	OPTN	Intel Corp. (Euro Flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	INTC	999
INTF	EQUI	iShares International Equity Factor ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	INTF	999
INTF	OPTN	iShares International Equity Factor ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	INTF	999
INTR	EQUI	INTER & CO INCCCLASS A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	INTR	999
INTR	OPTN	INTER & CO., INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	INTR	999
INTT	EQUI	INTEST CORPORATION	Yes	Yes	0.00	0.00	1	1.00	No	No	INTT	999
INTT	OPTN	INTEST CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	INTT	999
INTU	EQUI	INTUITCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	INTU	999
INTU	OPTN	INTUIT CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	INTU	999
2INTU	OPTN	INTUIT CORP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	INTU	999
INVA	EQUI	Innoviva, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	INVA	999
INVA	OPTN	Innoviva, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	INVA	999
INVE	EQUI	Identiv, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	INVE	999
INVE	OPTN	Identiv, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	INVE	999
INVH	EQUI	INVITATION HOMES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	INVH	999
INVH	OPTN	Invitation Homes Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	INVH	999
INVX	EQUI	Innovex International, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	INVX	999
INVX	OPTN	Innovex International, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	INVX	999
INVZ	EQUI	Innoviz Technologies Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	INVZ	999
INVZ	OPTN	Innoviz Technologies Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	INVZ	999
1INVZ	OPTN	Innoviz Technologies Ltd. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	INVZ	999
INVZW	WARR	Innoviz Technologies Ltd. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	INVZ	999
INZY	EQUI	INOZYME PHARMA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	INZY	999
INZY	OPTN	INOZYME PHARMA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	INZY	999
ION	EQUI	PROSHARES TRPROSHARES S&P	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ION	999
ION	OPTN	PROSHARES S&P GLOBAL CORE BATTERY METALS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ION	999
IONQ	EQUI	IonQ, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	IONQ	999
IONQ	OPTN	IonQ, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	IONQ	999
IONQWS	WARR	IonQ, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	IONQ	999
IONS	EQUI	Ionis Pharmaceuticals, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	IONS	999
IONS	OPTN	Ionis Pharmaceuticals, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	IONS	999
1IONS	OPTN	Ionis Pharmaceuticals, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	IONS	999
2IONS	OPTN	Ionis Pharmaceuticals, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	IONS	999
IOO	EQUI	iShares Global 100 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IOO	999
IOO	OPTN	iShares Global 100 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IOO	999
IOSP	EQUI	INNOSPEC INC	Yes	Yes	0.00	0.00	1	1.00	No	No	IOSP	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
IOSP	OPTN	Innospec Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	IOSP	999
IOT	EQUI	SAMSARA INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	IOT	999
IOT	OPTN	SAMSARA, INC. CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	IOT	999
2IOT	OPTN	SAMSARA, INC. CLASS A (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	IOT	999
IOVA	EQUI	lovance Biotherapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	IOVA	999
IOVA	OPTN	lovance Biotherapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	IOVA	999
IP	EQUI	INTL PAPER CO	Yes	Yes	0.00	0.00	1	1.00	No	No	IP	999
IP	OPTN	INTL PAPER	Yes	Yes	25.00	37.50	100	1.00	No	No	IP	999
2IP	OPTN	INTL PAPER (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	IP	999
IPA	EQUI	IMMUNOPRECISE ANTIBODIES LTDCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	IPA	999
IPA	OPTN	IMMUNOPRECISE ANTIBODIES LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	IPA	999
IPAC	EQUI	ISHARES TRCORE MSCI PAC	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IPAC	999
IPAC	OPTN	ISHARES CORE MSCI PACIFIC ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IPAC	999
IPAR	EQUI	Interparfums, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	IPAR	999
IPAR	OPTN	Interparfums, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	IPAR	999
IPAY	EQUI	Amplify Digital Payments ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IPAY	999
IPAY	OPTN	Amplify Digital Payments ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IPAY	999
IPG	EQUI	INTERPUBLIC GROUP COS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	IPG	999
IPG	OPTN	INTERPUBLIC GROUP CO.	Yes	Yes	25.00	37.50	100	1.00	No	No	IPG	999
2IPG	OPTN	INTERPUBLIC GROUP CO. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	IPG	999
IPGP	EQUI	IPG PHOTONICS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IPGP	999
IPGP	OPTN	IPG Photonics Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	IPGP	999
IPI	EQUI	INTREPID POTASH INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IPI	999
IPI	OPTN	Intrepid Potash, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	IPI	999
IPKW	EQUI	INVESCO EXCH TRADED FD TR IIINTL BUYBACK	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IPKW	999
IPKW	OPTN	INVESCO INTERNATIONAL BUYBACK ACHIEVERS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IPKW	999
IPO	EQUI	RENAISSANCE CAP GREENWICH FDIPO ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IPO	999
IPO	OPTN	RENAISSANCE IPO ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IPO	999
IPOS	EQUI	RENAISSANCE CAP GREENWICH FDINTNTL IPO ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IPOS	999
IPOS	OPTN	RENAISSANCE INTERNATIONAL IPO ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IPOS	999
IPSC	EQUI	CENTURY THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IPSC	999
IPSC	OPTN	CENTURY THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	IPSC	999
IQ	EQUI	IQIYI INCSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	IQ	999
IQ	OPTN	IQIYI INC	Yes	Yes	25.00	37.50	100	1.00	No	No	IQ	999
IQDF	EQUI	FLEXSHARES TRINTL QLTDV IDX	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IQDF	999
IQDF	OPTN	FLEXSHARES INTERNATIONAL QUALITY INDEX FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IQDF	999
IQDG	EQUI	WISDOMTREE INTERNATIONAL QUALITY DIVIDEND	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IQDG	999
IQDG	OPTN	WISDOMTREE INTERNATIONAL QUALITY DIVIDEND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IQDG	999
IQM	EQUI	FRANKLIN INTELLIGENT MACHINES ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IQM	999
IQM	OPTN	FRANKLIN INTELLIGENT MACHINES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IQM	999
IQQQ	EQUI	PROSHARES TRNASDAQ 100 HIGH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IQQQ	999
IQSU	EQUI	NEW YORK LIFE INVESTMENTS ETCANDRIAM US LRG	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IQSU	999
IQV	EQUI	IQVIA Holdings Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	IQV	999
IQV	OPTN	IQVIA Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	IQV	999
2IQV	OPTN	IQVIA Holdings Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	IQV	999
IR	EQUI	Ingersoll Rand Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	IR	999
IR	OPTN	Ingersoll-Rand plc	Yes	Yes	25.00	37.50	100	1.00	No	No	IR	999
1IR	OPTN	Ingersoll-Rand plc (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	IR	999
2IR	OPTN	Ingersoll-Rand plc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	IR	999
ARTY	EQUI	iShares Future AI & Tech ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IRBO	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
ARTY	OPTN	iShares Future AI & Tech ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IRBO	999
IRBT	EQUI	IROBOT CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IRBT	999
IRBT	OPTN	iRobot Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	IRBT	999
IRD	EQUI	Opus Genetics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	IRD	999
IRD	OPTN	Opus Genetics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	IRD	999
IRDM	EQUI	IRIDIUM COMMUNICATIONS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IRDM	999
IRDM	OPTN	Iridium Communications Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	IRDM	999
IREN	EQUI	IREN Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	IREN	999
IREN	OPTN	IREN Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	IREN	999
1IREN	OPTN	IREN Limited (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	IREN	999
2IREN	OPTN	IREN Limited (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	IREN	999
IRIX	EQUI	IRIDEX CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IRIX	999
IRIX	OPTN	IRIDEX CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	IRIX	999
IRM	EQUI	Iron Mountain Incorporated. (REIT)	Yes	Yes	0.00	0.00	1	1.00	No	No	IRM	999
IRM	OPTN	Iron Mountain Incorporated. (REIT)	Yes	Yes	25.00	37.50	100	1.00	No	No	IRM	999
2IRM	OPTN	Iron Mountain Incorporated. (REIT) (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	IRM	999
IRMD	EQUI	IRADIMED CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IRMD	999
IRMD	OPTN	IRADIMED CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	IRMD	999
IRON	EQUI	Disc Medicine, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	IRON	999
IRON	OPTN	DISC MEDICINE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	IRON	999
1IRON	OPTN	DISC MEDICINE, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	IRON	999
IRS	EQUI	IRSA INVERSIONES Y REP S AGLOBL DEP RCPT	Yes	Yes	0.00	0.00	1	1.00	No	No	IRS	999
IRS	OPTN	IRSA INVERSIONES Y REPRESENTACIONES SA	Yes	Yes	25.00	37.50	100	1.00	No	No	IRS	999
IRS1	OPTN	IRSA INVERSIONES Y REPRESENTACIONES SA (Stock Div)	Yes	Yes	25.00	37.50	100	1.00	No	No	IRS	999
IRT	EQUI	INDEPENDENCE RLTY TR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IRT	999
IRT	OPTN	Independence Realty Trust, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	IRT	999
IRTC	EQUI	IRHYTHM TECHNOLOGIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IRTC	999
IRTC	OPTN	iRhythm Technologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	IRTC	999
IRVH	EQUI	GLOBAL X FDSINT RT VOLTLTY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IRVH	999
IRVH	OPTN	GLOBAL X INTEREST RATE VOLATILITY & INFLATION	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IRVH	999
IRWD	EQUI	IRONWOOD PHARMACEUTICALS INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	IRWD	999
IRWD	OPTN	Ironwood Pharmaceuticals Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	IRWD	999
ISCB	EQUI	ISHARES TRMRGSTR SM CP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ISCB	999
ISCG	EQUI	ISHARES TRMRGSTR SM CP GR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ISCG	999
ISCV	EQUI	ISHARES TRMRNING SM CP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ISCV	999
ISHP	EQUI	First Trst Exch-Traded Fnd S-Network E-Comm ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ISHP	999
ISHP	OPTN	First Trst Exch-Traded Fnd S-Network E-Comm ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ISHP	999
ISPO	EQUI	Inspirato Incorporated	Yes	Yes	0.00	0.00	1	1.00	No	No	ISPO	999
ISPOW	WARR	Inspirato Incorporated (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	ISPO	999
ISPR	EQUI	ISPIRE TECHNOLOGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ISPR	999
ISPR	OPTN	ISPIRE TECHNOLOGY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ISPR	999
ISPY	EQUI	S&P 500 High Income ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ISPY	999
ISPY	OPTN	PROSHARES S&P 500 HIGH INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ISPY	999
ISRA	EQUI	VanEck Israel ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ISRA	999
ISRA	OPTN	VanEck Israel ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ISRA	999
ISRG	EQUI	INTUITIVE SURGICAL INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	ISRG	999
ISRG	OPTN	INTUITIVE SURGICAL, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ISRG	999
2ISRG	OPTN	INTUITIVE SURGICAL, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ISRG	999
ISSC	EQUI	INNOVATIVE SOLUTIONS & SUPPO	Yes	Yes	0.00	0.00	1	1.00	No	No	ISSC	999
ISSC	OPTN	INNOVATIVE SOLUTIONS AND SUPPORT, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ISSC	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
ISTB	EQUI	ISHARES TRCORE 1 5 YR USD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ISTB	999
ISTB	OPTN	ISHARES CORE 1-5 YEAR USD BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ISTB	999
IT	EQUI	Gartner, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	IT	999
IT	OPTN	GARTNER, INC CI. A	Yes	Yes	25.00	37.50	100	1.00	No	No	IT	999
DFEN	EQUI	DIREXION SHS ETF TRDLY AEROSPC 3X	Yes	Yes	0.00	0.00	1	3.00	Yes	No	ITA	999
ITA	EQUI	ISHARES TRUS AER DEF ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ITA	999
DFEN	OPTN	Direxion Daily Aerospace & Defense Bull 3X Shares	Yes	Yes	25.00	37.50	100	3.00	Yes	No	ITA	999
ITA	OPTN	iShares US Aerospace & Defense ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ITA	999
2ITA	OPTN	iShares US Aerospace & Defense ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ITA	999
ITCI	OPTN	Intra-Cellular Therapies Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ITCI	999
ITEQ	EQUI	Amplify BlueStar Israel Technology ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ITEQ	999
ITEQ	OPTN	Amplify BlueStar Israel Technology ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ITEQ	999
ITGR	EQUI	Integer Holdings Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	ITGR	999
ITGR	OPTN	Integer Holdings Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	ITGR	999
ITOS	EQUI	ITEOS THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ITOS	999
ITOS	OPTN	ITEOS THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ITOS	999
ITP	EQUI	IT Tech Packaging, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ITP	999
ITP	OPTN	IT Tech Packaging, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ITP	999
ITRI	EQUI	ITRON INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ITRI	999
ITRI	OPTN	ITRON, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ITRI	999
ITRN	EQUI	ITURAN LOCATION AND CONTROLSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	ITRN	999
ITRN	OPTN	ITURAN LOCATION AND CONTROL LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	ITRN	999
ITT	EQUI	ITT Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ITT	999
ITT	OPTN	ITT Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ITT	999
ITUB	EQUI	Itau Unibanco Holding SA	Yes	Yes	0.00	0.00	1	1.00	No	No	ITUB	999
ITUB	OPTN	Itau Unibanco Holding SA	Yes	Yes	25.00	37.50	100	1.00	No	No	ITUB	999
ITUB1	OPTN	Itau Unibanco Holding SA (Stock Dividend)	Yes	Yes	27.50	41.25	110	1.00	No	No	ITUB	999
1ITUB1	OPTN	Itau Unibanco Holding SA (AMER/FLEX)(Stock Div)	Yes	Yes	27.50	41.25	110	1.00	No	No	ITUB	999
ITW	EQUI	ILLINOIS TOOL WKS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ITW	999
ITW	OPTN	ILLINOIS TOOL WORKS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ITW	999
2ITW	OPTN	ILLINOIS TOOL WORKS INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ITW	999
IVAC	OPTN	Intevac, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	IVAC	999
IVEG	EQUI	ISHARES TREMERGNT FD & AGT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IVEG	999
IVEG	OPTN	ISHARES EMERGENT FOOD AND AGTECH MULTISECTOR	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IVEG	999
AIVC	EQUI	Amplify Bloomberg AI Value Chain ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IVES	999
AIVC	OPTN	Amplify Bloomberg AI Value Chain ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IVES	999
IVLU	EQUI	ISHARES TRMSCI INTL VLU FT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IVLU	999
IVLU	OPTN	ISHARES EDGE MSCI INTL VALUE FACTOR	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IVLU	999
IVOL	EQUI	KRANESHARES TRQUADRTC INT RT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IVOL	999
IVOL	OPTN	QUADRATIC INTEREST RATE VOL. AND INFLATION ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IVOL	999
IVR	EQUI	INVESCO MORTGAGE CAPITAL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IVR	999
IVR	OPTN	INVESCO MORTGAGE CAPITAL INCCOM	Yes	Yes	25.00	37.50	100	1.00	No	No	IVR	999
IVRS	EQUI	ISHARES TRFUTURE METAVERSE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IVRS	999
IVRS	OPTN	ISHARES FUTURE METAVERSE TECH AND COMM ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IVRS	999
IVT	EQUI	INVENTRUST PPTYS CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	IVT	999
IVT	OPTN	INVENTRUST PROPERTIES CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	IVT	999
IVVD	EQUI	Invivyd, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	IVVD	999
IVVD	OPTN	Invivyd, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	IVVD	999
IVVW	EQUI	ISHARES TRS&P 500 BUYWRITE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IVVW	999
IVVW	OPTN	ISHARES S&P 500 BUYWRITE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IVVW	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
IVZ	EQUI	INVESCO LTDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	IVZ	999
IVZ	OPTN	Invesco Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	IVZ	999
IWC	EQUI	iShares Micro-Cap ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IWC	999
IWC	OPTN	iShares Micro-Cap ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IWC	999
IWFH	EQUI	ISHARES TRVIRTUAL WRK LIFE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IWFH	999
IWFH	OPTN	ISHARES VIRTUAL WORK AND LIFE MULTISECTOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IWFH	999
IWIN	EQUI	AMPLIFY ETF TRINFLATION FIGHTE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IWIN	999
IWL	EQUI	ISHARES TRRUS TOP 200 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IWL	999
IWL	OPTN	ISHARES RUSSELL TOP 200 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IWL	999
IWMI	EQUI	NEOS ETF TRUSTRUSSELL 2000 HIG	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IWMI	999
IWMI	OPTN	NEOS RUSSELL 2000 HIGH INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IWMI	999
IWMW	EQUI	ISHARES TRRUSSELL 2000 BUY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IWMW	999
IWMW	OPTN	ISHARES RUSSELL 2000 BUYWRITE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IWMW	999
IWMY	EQUI	Defiance R2000 Enhanced Options & 0DTE Income ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IWMY	999
IWMY	OPTN	Defiance R2000 Enhanced Options & 0DTE Income ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IWMY	999
IWP	EQUI	iShares Russell Mid-Cap Growth ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IWP	999
IWP	OPTN	iShares Russell Mid-Cap Growth ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IWP	999
IWX	EQUI	ISHARES TRRUS TP200 VL ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IWX	999
IWX	OPTN	ISHARES RUSSELL TOP 200 VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IWX	999
IWY	EQUI	ISHARES TRRUS TP200 GR ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IWY	999
IWY	OPTN	ISHARES RUSSELL TOP 200 GROWTH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IWY	999
IXC	EQUI	iShares Global Energy ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IXC	999
IXC	OPTN	iShares Global Energy ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IXC	999
IXG	EQUI	ISHARES TRGLOBAL FINLS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IXG	999
IXG	OPTN	ISHARES GLOBAL FINANCIALS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IXG	999
IXJ	EQUI	iShares Global Healthcare ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IXJ	999
IXJ	OPTN	iShares Global Healthcare ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IXJ	999
IXN	EQUI	ISHARES GLOBAL TECH ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IXN	999
IXN	OPTN	ISHARES GLOBAL TECH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IXN	999
IXP	EQUI	iShares Global Comm Services ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IXP	999
IXP	OPTN	iShares Global Comm Services ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IXP	999
IYC	EQUI	iShares U.S. Consumer Discretionary ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IYC	999
SCC	EQUI	ProShares UltraShort Consumer Discretionary	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	IYC	999
UCC	EQUI	ProShares Ultra Consumer Discretionary	Yes	Yes	0.00	0.00	1	2.00	Yes	No	IYC	999
IYC	OPTN	iShares U.S. Consumer Discretionary ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IYC	999
SCC	OPTN	ProShares UltraShort Consumer Discretionary	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	IYC	999
UCC	OPTN	ProShares Ultra Consumer Discretionary	Yes	Yes	25.00	37.50	100	2.00	Yes	No	IYC	999
IYH	EQUI	iShares U.S. Healthcare ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IYH	999
RXD	EQUI	PROSHARES TRULTSHT HLTHCRE	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	IYH	999
RXL	EQUI	ProShares Ultra Health Care	Yes	Yes	0.00	0.00	1	2.00	Yes	No	IYH	999
IYH	OPTN	iShares U.S. Healthcare ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IYH	999
RXD	OPTN	PROSHARES ULTRASHORT HEALTH CARE	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	IYH	999
RXL	OPTN	ProShares Ultra Health Care	Yes	Yes	25.00	37.50	100	2.00	Yes	No	IYH	999
IYJ	EQUI	iShares U.S. Industrials ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IYJ	999
SIJ	EQUI	PROSHARES TRULTRASHORT INDL	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	IYJ	999
UXI	EQUI	PROSHARES TRPSHS ULTRA INDL	Yes	Yes	0.00	0.00	1	2.00	Yes	No	IYJ	999
IYJ	OPTN	iShares U.S. Industrials ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IYJ	999
SIJ	OPTN	PROSHARES ULTRASHORT INDUSTRIALS	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	IYJ	999
UXI	OPTN	PROSHARES ULTRA INDUSTRIALS	Yes	Yes	25.00	37.50	100	2.00	Yes	No	IYJ	999
IYK	EQUI	iShares U.S. Consumer Staples ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IYK	999

RBH/CPM Included Products

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SZK	EQUI	ProShares UltraShort Consumer Staples	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	IYK	999
UGE	EQUI	ProShares Ultra Consumer Staples	Yes	Yes	0.00	0.00	1	2.00	Yes	No	IYK	999
IYK	OPTN	iShares U.S. Consumer Staples ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IYK	999
SZK	OPTN	ProShares UltraShort Consumer Staples	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	IYK	999
UGE	OPTN	ProShares Ultra Consumer Staples	Yes	Yes	25.00	37.50	100	2.00	Yes	No	IYK	999
IYM	EQUI	iShares U.S. Basic Materials ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IYM	999
SBM	EQUI	PROSHARES TRSHT BASIC MAT	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	IYM	999
SMN	EQUI	ProShares UltraShort Materials	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	IYM	999
UYM	EQUI	ProShares Ultra Materials	Yes	Yes	0.00	0.00	1	2.00	Yes	No	IYM	999
IYM	OPTN	iShares U.S. Basic Materials ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IYM	999
SBM	OPTN	PROSHARES SHORT BASIC MATERIALS	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	IYM	999
SMN	OPTN	ProShares UltraShort Materials	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	IYM	999
SMN1	OPTN	ProShares UltraShort Materials (1:2 Reverse Split)	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	IYM	999
UYM	OPTN	ProShares Ultra Materials	Yes	Yes	25.00	37.50	100	2.00	Yes	No	IYM	999
IYZ	EQUI	iShares U.S. Telecommunications ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IYZ	999
LTL	EQUI	ProShares Ultra Communication Services	Yes	Yes	0.00	0.00	1	2.00	Yes	No	IYZ	999
IYZ	OPTN	iShares U.S. Telecommunications ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IYZ	999
LTL	OPTN	ProShares Ultra Communication Services	Yes	Yes	25.00	37.50	100	2.00	Yes	No	IYZ	999
IZEA	EQUI	IZEA WORLDWIDE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	IZEA	999
IZEA	OPTN	IZEA WORLDWIDE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	IZEA	999
IZRL	EQUI	ARK ISRAEL INNOVATIVE TECHNOLOGY ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	IZRL	999
IZRL	OPTN	ARK ISRAEL INNOVATIVE TECHNOLOGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	IZRL	999
J	EQUI	Jacobs Solutions Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	J	999
J	OPTN	Jacobs Solutions Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	J	999
J1	OPTN	Jacobs Solutions Inc. (Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	J	999
JAAA	EQUI	JANUS DETROIT STR TRHENDRSON AAA CL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JAAA	999
JAAA	OPTN	JANUS DETROIT STREET TRUST JANUS HENDERSON AAA	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JAAA	999
JACK	EQUI	JACK IN THE BOX, INC	Yes	Yes	0.00	0.00	1	1.00	No	No	JACK	999
JACK	OPTN	JACK IN THE BOX, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	JACK	999
JAKK	EQUI	JAKKS PAC INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	JAKK	999
JAKK	OPTN	JAKKS PACIFIC, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	JAKK	999
JAMF	EQUI	JAMF HLDG CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	JAMF	999
JAMF	OPTN	JAMF HOLDING CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	JAMF	999
2JAMF	OPTN	JAMF HOLDING CORP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	JAMF	999
JANX	EQUI	JANUX THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	JANX	999
JANX	OPTN	JANUX THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	JANX	999
1JANX	OPTN	JANUX THERAPEUTICS, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	JANX	999
JAVA	EQUI	J P MORGAN EXCHANGE TRADED FACTIVE VALUE ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JAVA	999
JAVA	OPTN	JPMORGAN ACTIVE VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JAVA	999
JAZZ	EQUI	Jazz Pharmaceuticals Plc.	Yes	Yes	0.00	0.00	1	1.00	No	No	JAZZ	999
JAZZ	OPTN	Jazz Pharmaceuticals Plc	Yes	Yes	25.00	37.50	100	1.00	No	No	JAZZ	999
1JAZZ	OPTN	Jazz Pharmaceuticals Plc (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	JAZZ	999
JBBS	EQUI	JANUS HENDERSON B-BBB CLO	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JBBS	999
JBBS	OPTN	JANUS HENDERSON B-BBB CLO	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JBBS	999
JBGS	EQUI	JBG SMITH PPTYSCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	JBGS	999
JBGS	OPTN	JBG SMITH Properties	Yes	Yes	25.00	37.50	100	1.00	No	No	JBGS	999
JBHT	EQUI	HUNT J B TRANS SVCS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	JBHT	999
JBHT	OPTN	J.B. HUNT TRANSPORT	Yes	Yes	25.00	37.50	100	1.00	No	No	JBHT	999
JBI	EQUI	Janus International Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	JBI	999
JBI	OPTN	Janus International Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	JBI	999

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JBL	EQUI	Jabil Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	JBL	999
JBL	OPTN	Jabil Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	JBL	999
2JBL	OPTN	Jabil Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	JBL	999
JBLU	EQUI	JETBLUE AIRWAYS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	JBLU	999
JBLU	OPTN	JETBLUE AIRWAYS CORPORATI	Yes	Yes	25.00	37.50	100	1.00	No	No	JBLU	999
1JBLU	OPTN	JETBLUE AIRWAYS CORPORATI (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	JBLU	999
JBSS	EQUI	John B Sanfilippo Son, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	JBSS	999
JBSS	OPTN	John B. Sanfilippo & Son, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	JBSS	999
JBTM	EQUI	JBT Marel Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	JBTM	999
JBTM	OPTN	JBT Marel Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	JBTM	999
JCI	EQUI	Johnson Controls International plc	Yes	Yes	0.00	0.00	1	1.00	No	No	JCI	999
JCI	OPTN	Johnson Controls International PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	JCI	999
2JCI	OPTN	Johnson Controls International PLC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	JCI	999
JCPI	EQUI	JPMORGAN INFLATION MANAGED BOND ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JCPI	999
JCPI	OPTN	JPMORGAN INFLATION MANAGED BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JCPI	999
JD	EQUI	JD COM INCSPON ADR CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	JD	999
JD	OPTN	JD.com Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	JD	999
1JD	OPTN	JD.com Inc (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	JD	999
2JD	OPTN	JD.com Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	JD	999
JEF	EQUI	Jefferies Financial Group Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	JEF	999
JEF	OPTN	Jefferies Financial Group Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	JEF	999
JELD	EQUI	JELD-WEN HLDG INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	JELD	999
JELD	OPTN	JELD-WEN Holding, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	JELD	999
JEPI	EQUI	J P MORGAN EXCHANGE-TRADED FEQUITY PREMIUM	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JEPI	999
JEPI	OPTN	JPMORGAN EQUITY PREMIUM INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JEPI	999
JEPQ	EQUI	J P MORGAN EXCHANGE TRADED FNASDAQ EQT PREM	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JEPQ	999
JEPQ	OPTN	J.P. MORGAN NASDAQ EQUITY PREMIUM INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JEPQ	999
JETS	EQUI	ETF SER SOLUTIONSUS GLB JETS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JETS	999
JETS	OPTN	U.S. GLOBAL JETS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JETS	999
JETD	EQUI	BANK MONTREAL QUECAL LKD 43	Yes	No	0.00		1	-3.00	No	Yes	JETU	999
JETU	EQUI	BANK MONTREAL QUECAL LKD 43	Yes	No	0.00		1	3.00	No	Yes	JETU	999
JFIN	EQUI	JIAYIN GROUP INCSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	JFIN	999
JFIN	OPTN	JIAYIN GROUP INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	JFIN	999
JHG	EQUI	Janus Henderson Group,plc.	Yes	Yes	0.00	0.00	1	1.00	No	No	JHG	999
JHG	OPTN	Janus Henderson Group Plc	Yes	Yes	25.00	37.50	100	1.00	No	No	JHG	999
JHML	EQUI	JOHN HANCOCK EXCHANGE TRADEDMLTFCTR LRG CAP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JHML	999
JHML	OPTN	JOHN HANCOCK MULTIFACTOR LARGE CAP ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JHML	999
JHMM	EQUI	JOHN HANCOCK EXCHANGE TRADEDMULTIFACTOR MI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JHMM	999
JHMM	OPTN	JOHN HANCOCK MULTIFACTOR MID CAP ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JHMM	999
JHSC	EQUI	JOHN HANCOCK EXCHANGE TRADEDMULTIFACTR SML	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JHSC	999
JHX	EQUI	JAMES HARDIE INDUSTRIES PLC SPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	JHX	999
JHX	OPTN	JAMES HARDIE INDUSTRIES PLC SPONSORED ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	JHX	999
JIRE	EQUI	JPMorgan International Research Enhanced Equity ET	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JIRE	999
JIRE	OPTN	JPMORGAN INTERNATIONAL RESEARCH ENHANCED EQUITY	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JIRE	999
JJCT	EQUI	BARCLAYS BANK PLCETN DJUBS COPR37	Yes	No	0.00		1	1.00	No	Yes	JJC	999
JJET	EQUI	BARCLAYS BANK PLCETN DJUBS ENRG37	Yes	No	0.00		1	1.00	No	Yes	JJETF	999
JJGT	EQUI	BARCLAYS BANK PLCETN DJUBS GRNS37	Yes	No	0.00		1	1.00	No	Yes	JJG	999
JJSF	EQUI	J & J SNACK FOODS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	JJSF	999
JJSF	OPTN	J & J SNACK FOODS CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	JJSF	999
JKHY	EQUI	HENRY JACK & ASSOC INC	Yes	Yes	0.00	0.00	1	1.00	No	No	JKHY	999



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JKHY	OPTN	JACK HENRY & ASSOCIATES	Yes	Yes	25.00	37.50	100	1.00	No	No	JKHY	999
JKS	EQUI	JINKOSOLAR HLDG CO LTDSPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	JKS	999
JKS	OPTN	Jinkosolar Holding Company Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	JKS	999
JLL	EQUI	JONES LANG LASALLE INC	Yes	Yes	0.00	0.00	1	1.00	No	No	JLL	999
JLL	OPTN	Jones Lang Lasalle Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	JLL	999
JMBS	EQUI	JANUS DETROIT STR TRHENDEPERSON MTG	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JMBS	999
JMBS	OPTN	JANUS HENDERSON MORTGAGE-BACKED SECURITIES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JMBS	999
JMIA	EQUI	JUMIA TECHNOLOGIES AGSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	JMIA	999
JMIA	OPTN	Jumia Technologies AG	Yes	Yes	25.00	37.50	100	1.00	No	No	JMIA	999
JMSB	EQUI	JOHN MARSHALL BANCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	JMSB	999
JMSB	OPTN	JOHN MARSHALL BANCORP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	JMSB	999
JNJ	EQUI	JOHNSON & JOHNSONCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	JNJ	999
JNJ	OPTN	JOHNSON & JOHNSON	Yes	Yes	25.00	37.50	100	1.00	No	No	JNJ	999
2JNJ	OPTN	JOHNSON & JOHNSON (EURO FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	JNJ	999
JNPR	EQUI	JUNIPER NETWORKS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	JNPR	999
JNPR	OPTN	JUNIPER NETWORKS,INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	JNPR	999
2JNPR	OPTN	JUNIPER NETWORKS,INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	JNPR	999
JOBY	EQUI	Joby Aviation, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	JOBY	999
JOBY	OPTN	Joby Aviation, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	JOBY	999
JOBYWS	WARR	Joby Aviation, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	JOBY	999
JOE	EQUI	ST JOE CO	Yes	Yes	0.00	0.00	1	1.00	No	No	JOE	999
JOE	OPTN	ST. JOE CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	JOE	999
JOET	EQUI	VIRTUS ETF TR IIVIRTUS US QLTY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JOET	999
JOET	OPTN	VIRTUS TERRANOVA US QUALITY MOMENTUM ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JOET	999
JOYY	EQUI	JOYY Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	JOYY	999
JOYY	OPTN	JOYY Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	JOYY	999
YY	OPTN	JOYY Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	JOYY	999
JPEM	EQUI	JPMorgan Diversified Ret EM Equity ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JPEM	999
JPEM	OPTN	JPM DIVERSIFIED RET EM EQUIT	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JPEM	999
JPIN	EQUI	JPM DIVERSIFIED RET INTL EQ ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JPIN	999
JPIN	OPTN	JPM DIVERSIFIED RET INTL EQ	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JPIN	999
JPM	EQUI	JPMORGAN CHASE & CO	Yes	Yes	0.00	0.00	1	1.00	No	No	JPM	999
JPM	OPTN	JPMORGAN CHASE & CO	Yes	Yes	25.00	37.50	100	1.00	No	No	JPM	999
1JPM	OPTN	JPMORGAN CHASE & CO (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	JPM	999
2JPM	OPTN	JPMORGAN CHASE & CO (Euro flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	JPM	999
JPMO	EQUI	TIDAL ETF TR IYIELDMAX JPM OPT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JPMO	999
JPMO	OPTN	YIELDMAX JPM OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JPMO	999
JPSE	EQUI	J P MORGAN EXCHANGE TRADED F DIVERSFD EQT ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JPSE	999
JPSE	OPTN	JPMORGAN DIVERSIFIED RETURN U.S. SMALL CAP EQUITY	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JPSE	999
JPST	EQUI	JPMORGAN ULTRA-SHORT INCOME ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JPST	999
JPST	OPTN	JPMORGAN ULTRA-SHORT INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JPST	999
JPUS	EQUI	JPMorgan Div Ret US EQ ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JPUS	999
JPUS	OPTN	JPMORGAN DIV RET US EQ ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JPUS	999
JQUA	EQUI	J P MORGAN EXCHANGE TRADED FUS QUALTY FCTR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JQUA	999
JQUA	OPTN	JPMORGAN U.S. QUALITY FACTOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JQUA	999
JRVR	EQUI	JAMES RIV GROUP LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	JRVR	999
JRVR	OPTN	JAMES RIVER GROUP HOLDINGS LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	JRVR	999
JSMD	EQUI	JANUS DETROIT STR TRHENDERSN SML ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JSMD	999
JSML	EQUI	JANUS DETROIT STR TRHENDERSN CAP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JSML	999
JSML	OPTN	JANUS HENDERSON SMALL CAP GROWTH ALPHA ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JSML	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
JSPR	EQUI	Jasper Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	JSPR	999
JSPR	OPTN	JASPER THERAPEUTICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	JSPR	999
JSPRW	WARR	JASPER THERAPEUTICS INC (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	JSPR	999
JSTC	EQUI	TIDAL ETF TRADASINA SOCIAL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JSTC	999
JSTC	OPTN	ADASINA SOCIAL JUSTICE ALL CAP GLOBAL ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JSTC	999
JUCY	EQUI	APTUS ENHANCED YIELD ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JUCY	999
JUCY	OPTN	APTUS ENHANCED YIELD ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JUCY	999
JUST	EQUI	GOLDMAN SACHS ETF TRJUST US LRG CP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JUST	999
JUST	OPTN	Goldman Sachs Just US Large Cap Equity ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JUST	999
JVAL	EQUI	J P MORGAN EXCHANGE TRADED FUS VALUE FACTR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JVAL	999
JVAL	OPTN	JPMORGAN U.S. VALUE FACTOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JVAL	999
JWN	EQUI	NORDSTROM INC	Yes	Yes	0.00	0.00	1	1.00	No	No	JWN	999
JWN	OPTN	NORDSTROM	Yes	Yes	25.00	37.50	100	1.00	No	No	JWN	999
JXI	EQUI	ISHARES TRGLOB UTILITS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	JXI	999
JXI	OPTN	ISHARES GLOBAL UTILITIES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	JXI	999
JXN	EQUI	JACKSON FINANCIAL INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	JXN	999
JXN	OPTN	JACKSON FINANCIAL INCORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	JXN	999
JYNT	EQUI	JOINT CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	JYNT	999
JYNT	OPTN	JOINT CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	JYNT	999
K	EQUI	Kellanova	Yes	Yes	0.00	0.00	1	1.00	No	No	K	999
K	OPTN	Kellanova	Yes	Yes	25.00	37.50	100	1.00	No	No	K	999
K1	OPTN	Kellanova (Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	K	999
2K	OPTN	Kellanova (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	K	999
KAI	EQUI	KADANT INC	Yes	Yes	0.00	0.00	1	1.00	No	No	KAI	999
KAI	OPTN	Kadant Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	KAI	999
KALU	EQUI	KAISER ALUMINUM CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KALU	999
KALU	OPTN	Kaiser Aluminum Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	KALU	999
KALV	EQUI	KALVISTA PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KALV	999
KALV	OPTN	KALVISTA PHARMACEUTICALS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	KALV	999
KAR	EQUI	OPENLANE, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	KAR	999
KAR	OPTN	OPENLANE, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	KAR	999
KARS	EQUI	KRANESHARES TRELEC VEH FUTUR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KARS	999
KARS	OPTN	KRANESHARES ELECTRIC VEHICLES & FUTURE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KARS	999
KB	EQUI	KB Financial Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	KB	999
KB	OPTN	KB Financial Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	KB	999
KBA	EQUI	KraneShares Boserá MSCI China A 50 ConnectIndexETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KBA	999
KBA	OPTN	KraneShares Boserá MSCI China A 50 ConnectIndexETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KBA	999
KBH	EQUI	KB HOME	Yes	Yes	0.00	0.00	1	1.00	No	No	KBH	999
KBH	OPTN	KB HOME	Yes	Yes	25.00	37.50	100	1.00	No	No	KBH	999
KBR	EQUI	KBR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KBR	999
KBR	OPTN	KBR, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	KBR	999
KBWD	EQUI	INVESCO EXCH TRADED FD TR IIKBW HIG DV YLD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KBWD	999
KBWD	OPTN	INVESCO KBW HIGH DIVIDEND YIELD FINANCIAL ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KBWD	999
KBWP	EQUI	INVESCO EXCH TRADED FD TR IIKBW PPTY CASUT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KBWP	999
KBWP	OPTN	INVESCO KBW PROPERTY & CASUALTY INSURANCE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KBWP	999
KBWY	EQUI	INVESCO EXCH TRADED FD TR IIKBW PREM YIELD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KBWY	999
KBWY	OPTN	INVESCO KBW PREMIUM YIELD EQUITY REIT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KBWY	999
KC	EQUI	KINGSOFT CLOUD HLDGS LTDADS	Yes	Yes	0.00	0.00	1	1.00	No	No	KC	999
KC	OPTN	KINGSOFT CLOUD HOLDINGS LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	KC	999
KCCA	EQUI	KraneShares Cali Carbon Allowance Strategy ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KCCA	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
KCCA	OPTN	KraneShares Cali Carbon Allowance Strategy ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KCCA	999
KCE	EQUI	SPDR S&P Capital Markets ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KCE	999
KCE	OPTN	SPDR S&P Capital Markets ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KCE	999
KD	EQUI	KYNDRYL HLDGS INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	KD	999
KD	OPTN	KYNDRYL HOLDINGS INCORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	KD	999
1KD	OPTN	KYNDRYL HOLDINGS INCORPORATION (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	KD	999
KDIV	EQUI	KRANESHARES TRS&P PAN ASIA DIV	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KDIV	999
KDP	EQUI	Keurig Dr Pepper Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	KDP	999
KDP	OPTN	Keuring Dr. Pepper Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	KDP	999
2KDP	OPTN	Keuring Dr. Pepper Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	KDP	999
KE	EQUI	KIMBALL ELECTRONICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KE	999
KE	OPTN	Kimball Electronics Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	KE	999
KELYA	EQUI	KELLY SVCS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	KELYA	999
KELYA	OPTN	Kelly Services Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	KELYA	999
KEM	EQUI	KRANESHARES TRKRANESHARES DYNA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KEM	999
KEM	OPTN	KRANESHARES DYNAMIC EMERGING MARKETS STRATEGY	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KEM	999
KEMQ	EQUI	KRANESHARES TREMRNG MKT CONS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KEMQ	999
KEMQ	OPTN	KRANESHARES EMERGING MARKETS CONSUMER	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KEMQ	999
KEN	EQUI	KENON HLDGS LTDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	KEN	999
KEN	OPTN	KENON HOLDINGS LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	KEN	999
KEP	EQUI	KOREA ELECTRIC PWR	Yes	Yes	0.00	0.00	1	1.00	No	No	KEP	999
KEP	OPTN	KOREA ELECTRIC POWER CORP ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	KEP	999
KEUA	EQUI	KRANESHARES TREUROPEAN CARBON	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KEUA	999
KEUA	OPTN	KRANESHARES EUROPEAN CARBON ALLOWANCE	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KEUA	999
KEX	EQUI	KIRBY CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	KEX	999
KEX	OPTN	KIRBY CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	KEX	999
KEY	EQUI	KEYCORP NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	KEY	999
KEY	OPTN	KEYCORP NEW	Yes	Yes	25.00	37.50	100	1.00	No	No	KEY	999
KEYS	EQUI	KEYSIGHT TECHNOLOGIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KEYS	999
KEYS	OPTN	Keysight Technologies Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	KEYS	999
2KEYS	OPTN	Keysight Technologies Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	KEYS	999
KFRC	EQUI	KFORCE INC	Yes	Yes	0.00	0.00	1	1.00	No	No	KFRC	999
KFRC	OPTN	Kforce Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	KFRC	999
KFS	EQUI	KINGSWAY FINANCIAL SERVICES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	KFS	999
KFS	OPTN	KINGSWAY FINANCIAL SERVICES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	KFS	999
KFVG	EQUI	KRANESHARES TRCICC CHIN 5G SEM	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KFVG	999
KFY	EQUI	Korn Ferry	Yes	Yes	0.00	0.00	1	1.00	No	No	KFY	999
KFY	OPTN	Korn Ferry	Yes	Yes	25.00	37.50	100	1.00	No	No	KFY	999
KGC	EQUI	KINROSS GOLD CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	KGC	999
KGC	OPTN	KINROSS GOLD CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	KGC	999
2KGC	OPTN	KINROSS GOLD CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	KGC	999
KGRN	EQUI	KRANESHARES TRMSCI CHINA CLEAN	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KGRN	999
KGRN	OPTN	KRANESHARES MSCI CHINA CLEAN TECHNOLOGY INDEX	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KGRN	999
KGS	EQUI	KODIAK GAS SVCS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KGS	999
KGS	OPTN	KODIAK GAS SERVICES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	KGS	999
KHC	EQUI	The Kraft Heinz Company	Yes	Yes	0.00	0.00	1	1.00	No	No	KHC	999
KHC	OPTN	The Kraft Heinz Company	Yes	Yes	25.00	37.50	100	1.00	No	No	KHC	999
2KHC	OPTN	The Kraft Heinz Company (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	KHC	999
KIDS	EQUI	ORTHOPEDIATRICS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KIDS	999
KIDS	OPTN	ORTHOPEDIATRICS CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	KIDS	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
KIE	EQUI	SPDR S&P Insurance ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KIE	999
SXI	FUTU	E-mini S&P Insurance Select Industry Futures	Yes	No	6.25		25	1.00	No	No	KIE	999
KIE	OPTN	SPDR S&P Insurance ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KIE	999
KIM	EQUI	KIMCO REALTY CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	KIM	999
KIM	OPTN	KIMCO REALTY CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	KIM	999
KIND	EQUI	Nextdoor Holdings, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	KIND	999
KIND	OPTN	Nextdoor Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	KIND	999
KINS	EQUI	KINGSTONE COS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KINS	999
KINS	OPTN	KINGSTONE COMPANIES INCORPORATED	Yes	Yes	25.00	37.50	100	1.00	No	No	KINS	999
KIRK	EQUI	KIRKLANDS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KIRK	999
KIRK	OPTN	Kirkland's Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	KIRK	999
KKR	EQUI	KKR & Co. Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	KKR	999
KKR	OPTN	KKR & Co. Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	KKR	999
2KKR	OPTN	KKR & Co. Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	KKR	999
KLAC	EQUI	KLA Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	KLAC	999
KLAC	OPTN	KLA Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	KLAC	999
2KLAC	OPTN	KLA Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	KLAC	999
KLC	EQUI	KINDER CARE LEARNING COMPANIECOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KLC	999
KLC	OPTN	KINDER CARE LEARNING COMPANIES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	KLC	999
KLG	EQUI	WK KELLOGG COCOM SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	KLG	999
KLG	OPTN	WK KELLOGG CO	Yes	Yes	25.00	37.50	100	1.00	No	No	KLG	999
KLIC	EQUI	KULICKE & SOFFA INDS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	KLIC	999
KLIC	OPTN	KULICKE AND SOFFA IND INC	Yes	Yes	25.00	37.50	100	1.00	No	No	KLIC	999
KLIP	EQUI	KraneShares KWEB Covered Call Strategy ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KLIP	999
KLIP	OPTN	KraneShares KWEB Covered Call Strategy ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KLIP	999
KLIP1	OPTN	KraneShares KWEB Covered Call Strategy ETF (1:3)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KLIP	999
KLRS	EQUI	Kalaris Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	KLRS	999
KLRS1	OPTN	Kalaris Therapeutics, Inc. (1:23 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	KLRS	999
KLTR	EQUI	KALTURA INCCOM STK	Yes	Yes	0.00	0.00	1	1.00	No	No	KLTR	999
KLTR	OPTN	KALTURA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	KLTR	999
KLXE	EQUI	KLX ENERGY SERVICES HOLDNGS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	KLXE	999
KLXE	OPTN	KLX ENERGY SERVICES HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	KLXE	999
KLXY	EQUI	KRANESHARES TRGLOBAL LUXURY ID	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KLXY	999
KLXY	OPTN	KRANESHARES GLOBAL LUXURY INDEX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KLXY	999
KMB	EQUI	KIMBERLY CLARK CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	KMB	999
KMB	OPTN	KIMBERLY-CLARK	Yes	Yes	25.00	37.50	100	1.00	No	No	KMB	999
2KMB	OPTN	KIMBERLY-CLARK (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	KMB	999
KMDA	EQUI	KAMADA LTDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	KMDA	999
KMDA	OPTN	KAMADA LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	KMDA	999
KMDA1	OPTN	KAMADA LTD (Cash Distribution)	Yes	Yes	25.00	37.50	100	1.00	No	No	KMDA	999
KMI	EQUI	KINDER MORGAN INC	Yes	Yes	0.00	0.00	1	1.00	No	No	KMI	999
KMI	OPTN	Kinder Morgan Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	KMI	999
1KMI	OPTN	Kinder Morgan Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	KMI	999
2KMI	OPTN	Kinder Morgan Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	KMI	999
KMLM	EQUI	KraneShares Mount Lucas Managed Futures Index	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KMLM	999
KMLM	OPTN	KraneShares Mount Lucas Managed Futures Index	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KMLM	999
KMPR	EQUI	Kemper Corp.	Yes	Yes	0.00	0.00	1	1.00	No	No	KMPR	999
KMPR	OPTN	Kemper Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	KMPR	999
KMT	EQUI	KENNAMETAL INC	Yes	Yes	0.00	0.00	1	1.00	No	No	KMT	999
KMT	OPTN	KENNAMETAL INC	Yes	Yes	25.00	37.50	100	1.00	No	No	KMT	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
KMX	EQUI	CARMAX INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KMX	999
KMX	OPTN	CARMAX INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	KMX	999
KN	EQUI	KNOWLES CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KN	999
KN	OPTN	Knowles Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	KN	999
KNCT	EQUI	Invesco Next Gen Connectivity ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KNCT	999
KNCT	OPTN	Invesco Next Gen Connectivity ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KNCT	999
KNDI	EQUI	Kandi Technologies Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	KNDI	999
KNDI	OPTN	Kandi Technologies Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	KNDI	999
KNF	EQUI	KNIFE RIV HLDG COCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	KNF	999
KNF	OPTN	KNIFE RIVER CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	KNF	999
KNGZ	EQUI	FIRST TR EXCHANGE TRADED FDFIRST TRUST S&P	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KNGZ	999
KNGZ	OPTN	FIRST TRUST S&P 500 DIVERSIFIED DIV ARISTO ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KNGZ	999
KNOP	EQUI	KNOT OFFSHORE PARTNERS LPCOM UNITS	Yes	Yes	0.00	0.00	1	1.00	No	No	KNOP	999
KNOP	OPTN	Knot Offshore Partners LP	Yes	Yes	25.00	37.50	100	1.00	No	No	KNOP	999
KNSA	EQUI	Kiniksa Pharmaceuticals International, plc	Yes	Yes	0.00	0.00	1	1.00	No	No	KNSA	999
KNSA	OPTN	Kiniksa Pharmaceuticals International, plc	Yes	Yes	25.00	37.50	100	1.00	No	No	KNSA	999
KNSL	EQUI	KINSALE CAP GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KNSL	999
KNSL	OPTN	Kinsale Capital Group Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	KNSL	999
KNTK	EQUI	KINETIK HOLDINGS INCCOM NEW CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	KNTK	999
KNTK	OPTN	KINETIK HOLDINGS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	KNTK	999
KNX	EQUI	Knight-Swift Transportation Holdings Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	KNX	999
KNX	OPTN	Knight-Swift Transportation Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	KNX	999
KO	EQUI	COCA COLA CO	Yes	Yes	0.00	0.00	1	1.00	No	No	KO	999
KO	OPTN	COCA-COLA COMPANY	Yes	Yes	25.00	37.50	100	1.00	No	No	KO	999
2KO	OPTN	COCA-COLA CO (Euro Flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	KO	999
KOD	EQUI	KODIAK SCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KOD	999
KOD	OPTN	KODIAK SCIENCES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	KOD	999
KODK	EQUI	EASTMAN KODAK COCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	KODK	999
KODK	OPTN	Eastman Kodak Co	Yes	Yes	25.00	37.50	100	1.00	No	No	KODK	999
KOF	EQUI	COCA COLA FEMSA S A B DE C VSPON ADR REP L	Yes	Yes	0.00	0.00	1	1.00	No	No	KOF	999
KOF	OPTN	Coca-Cola Femsa SAB de CV	Yes	Yes	25.00	37.50	100	1.00	No	No	KOF	999
KOIN	EQUI	EXCHANGE TRADED CONCEPTS TRCAPITAL LINK GBL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KOIN	999
KOMP	EQUI	SPDR SER TRS&P KENSHO NEW	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KOMP	999
KOMP	OPTN	SPDR S&P KENSHO NEW ECONOMIES COMPOSITE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KOMP	999
KOP	EQUI	KOPPERS HOLDINGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KOP	999
KOP	OPTN	Koppers Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	KOP	999
KOPN	EQUI	KOPIN CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KOPN	999
KOPN	OPTN	Kopin Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	KOPN	999
KORU	EQUI	DIREXION SHS ETF TRDRX DLYSOKOR3X	Yes	Yes	0.00	0.00	1	3.00	Yes	No	KORU	999
KORU	OPTN	DIREXION MSCI DAILY SOUTH KOREA BULL 3X SHARES	Yes	Yes	25.00	37.50	100	3.00	Yes	No	KORU	999
KORU1	OPTN	DIREXION MSCI DAILY SOUTH KOREA BULL 3X SHRS (10)	Yes	Yes	25.00	37.50	100	3.00	Yes	No	KORU	999
KOS	EQUI	KOSMOS ENERGY LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	KOS	999
KOS	OPTN	Kosmos Energy Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	KOS	999
2KOS	OPTN	Kosmos Energy Ltd (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	KOS	999
KPLT	EQUI	Katapult Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	KPLT	999
KPLTW	WARR	Katapult Holdings, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	KPLT	999
KPTI	EQUI	KARYOPHARM THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KPTI	999
KPTI	OPTN	Karyopharm Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	KPTI	999
KPTI1	OPTN	Karyopharm Therapeutics, Inc. (1:15 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	KPTI	999
KR	EQUI	KROGER CO	Yes	Yes	0.00	0.00	1	1.00	No	No	KR	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
KR	OPTN	KROGER CO	Yes	Yes	25.00	37.50	100	1.00	No	No	KR	999
2KR	OPTN	KROGER CO (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	KR	999
KRBN	EQUI	KraneShares Global Carbon Strategy ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KRBN	999
KRBN	OPTN	KraneShares Global Carbon Strategy ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KRBN	999
KRC	EQUI	KILROY RLTY CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	KRC	999
KRC	OPTN	Kilroy Realty Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	KRC	999
KREF	EQUI	KKR REAL ESTATE FIN TR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KREF	999
KREF	OPTN	KKR REAL ESTATE FINANCE TRUST INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	KREF	999
KRG	EQUI	KITE RLTY GROUP TRCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KRG	999
KRG	OPTN	Kite Realty Group Trust	Yes	Yes	25.00	37.50	100	1.00	No	No	KRG	999
2KRG	OPTN	Kite Realty Group Trust (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	KRG	999
KRMA	EQUI	GLOBAL X FDSCONSCIOUS COS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KRMA	999
KRMA	OPTN	GLOBAL X CONSCIOUS COMPANIES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KRMA	999
KRMD	EQUI	KORU Medical Systems, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	KRMD	999
KRMD	OPTN	KORU Medical Systems, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	KRMD	999
KRNT	EQUI	KORNIT DIGITAL LTDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	KRNT	999
KRNT	OPTN	Kornit Digital Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	KRNT	999
KRNY	EQUI	KEARNY FINL CORP MDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KRNY	999
KRNY	OPTN	Kearny Financial Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	KRNY	999
KRO	EQUI	KRONOS WORLDWIDE INC	Yes	Yes	0.00	0.00	1	1.00	No	No	KRO	999
KRO	OPTN	Kronos Worldwide Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	KRO	999
KRON	EQUI	KRONOS BIO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KRON	999
KRON	OPTN	KRONOS BIO INC	Yes	Yes	25.00	37.50	100	1.00	No	No	KRON	999
KROP	EQUI	GLOBAL X FDSGLOBAL X AGTECH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KROP	999
KROP	OPTN	GLOBAL X AGTECH & FOOD INNOVATION ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KROP	999
KROS	EQUI	KEROS THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KROS	999
KROS	OPTN	KEROS THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	KROS	999
1KROS	OPTN	KEROS THERAPEUTICS, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	KROS	999
KRP	EQUI	KIMBELL RTY PARTNERS LPUNIT	Yes	Yes	0.00	0.00	1	1.00	No	No	KRP	999
KRP	OPTN	KIMBELL ROYALTY PARTNERS LP	Yes	Yes	25.00	37.50	100	1.00	No	No	KRP	999
KRYS	EQUI	KRYSTAL BIOTECH INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KRYS	999
KRYS	OPTN	KRYSTAL BIOTECH, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	KRYS	999
KSA	EQUI	iShares MSCI Saudi Arabia ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KSA	999
KSA	OPTN	iShares MSCI Saudi Arabia ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KSA	999
KSEA	EQUI	KRANESHARES TRKRANESHARES ROCK	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KSEA	999
KSEA	OPTN	KRANESHARES ROCKEFELLER OCEAN ENGAGEMENT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KSEA	999
KSPI	EQUI	KASPI KZ JSCSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	KSPI	999
KSPI	OPTN	KASPI.KZ JOINT STOCK COMPANY SPONSORED ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	KSPI	999
KSS	EQUI	KOHL'S CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	KSS	999
KSS	OPTN	KOHL'S CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	KSS	999
KSTR	EQUI	KRANESHARES TRSSE STAR MRKT 50	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KSTR	999
KSTR	OPTN	KRANESHARES SSE STAR MARKET 50 INDEX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KSTR	999
KT	EQUI	KT CORPORATION	Yes	Yes	0.00	0.00	1	1.00	No	No	KT	999
KT	OPTN	KT Corp. ADS	Yes	Yes	25.00	37.50	100	1.00	No	No	KT	999
KTB	EQUI	KONTOOR BRANDS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KTB	999
KTB	OPTN	KONTOOR BRANDS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	KTB	999
KTCC	EQUI	KEY TRONICS CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	KTCC	999
KTCC	OPTN	Key Tronic Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	KTCC	999
KTEC	EQUI	KRANESHARES TRHANG SENG TECH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KTEC	999
KTEC	OPTN	KRANESHARES HANG SENG TECH INDEX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KTEC	999

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Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
KTOS	EQUI	KRATOS DEFENSE & SEC SOLUTIOCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	KTOS	999
KTOS	OPTN	Kratos Defense & Security Solutions, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	KTOS	999
KULR	EQUI	KULR TECHNOLOGY GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KULR	999
KULR	OPTN	KULR TECHNOLOGY GROUP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	KULR	999
KURA	EQUI	KURA ONCOLOGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KURA	999
KURA	OPTN	Kura Oncology, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	KURA	999
1KURA	OPTN	Kura Oncology, Inc (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	KURA	999
KURE	EQUI	KRANESHARES TRMSCI ALL CHINA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KURE	999
KURE	OPTN	KRANESHARES MSCI ALL CHINA HEALTH CARE INDEX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KURE	999
KVHI	EQUI	KVH INDS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	KVHI	999
KVHI	OPTN	KVH Industries Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	KVHI	999
KVLE	EQUI	KRANESHARES TRKRANESHARES VALU	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KVLE	999
KVLE	OPTN	KRANESHARES VALUE LINE DYN DIV EQUITY INDEX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KVLE	999
KVUE	EQUI	KENVUE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KVUE	999
KVUE	OPTN	KENVUE INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	KVUE	999
KVYO	EQUI	KLAVIYO INCCOM SER A	Yes	Yes	0.00	0.00	1	1.00	No	No	KVYO	999
KVYO	OPTN	KLAVIYO, INC. CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	KVYO	999
2KVYO	OPTN	KLAVIYO, INC. CLASS A (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	KVYO	999
KW	EQUI	KENNEDY-WILSON HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KW	999
KW	OPTN	Kennedy-Wilson Holdings Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	KW	999
CWEB	EQUI	DIREXION SHS ETF TRDAILY CS 2X SH	Yes	Yes	0.00	0.00	1	2.00	Yes	No	KWEB	999
KWEB	EQUI	KRANESHARES CSI CHINA INTERNET ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KWEB	999
CWEB	OPTN	Direxion Daily CSI China Internet Index Bull 2x Sh	Yes	Yes	25.00	37.50	100	2.00	Yes	No	KWEB	999
KWEB	OPTN	KraneShares Trust KraneShares CSI China Internet E	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KWEB	999
2KWEB	OPTN	KraneShares Trust KraneShares CSI Chin (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KWEB	999
KWR	EQUI	Quaker Houghton	Yes	Yes	0.00	0.00	1	1.00	No	No	KWR	999
KWR	OPTN	Quaker Houghton	Yes	Yes	25.00	37.50	100	1.00	No	No	KWR	999
1KWR	OPTN	Quaker Houghton (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	KWR	999
2KWR	OPTN	Quaker Houghton (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	KWR	999
KXI	EQUI	ISHARES TRGLB CNSM STP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	KXI	999
KXI	OPTN	ISHARES GLOBAL CONSUMER STAPLES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	KXI	999
KXIN	EQUI	Kaixin Holdings	Yes	Yes	0.00	0.00	1	1.00	No	No	KXIN	999
KXIN1	OPTN	Kaixin Holdings (1:60 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	KXIN	999
KYMR	EQUI	KYMER A THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KYMR	999
KYMR	OPTN	KYMER A THERAPEUTICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	KYMR	999
KYN	EQUI	Kayne Anderson Energy Infrastructure Fund, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	KYN	999
KYN	OPTN	Kayne Anderson Energy Infrastructure Fund, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	KYN	999
KYTX	EQUI	KYVERNA THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KYTX	999
KYTX	OPTN	KYVERNA THERAPEUTICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	KYTX	999
KZIA	EQUI	NOVOGEN LIMITEDSPON ADR 1:25 SH	Yes	Yes	0.00	0.00	1	1.00	No	No	KZIA	999
KZIA	OPTN	KAZIA THERAPEUTICS LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	KZIA	999
KZIA1	OPTN	KAZIA THERAPEUTICS LTD (1:10 R Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	KZIA	999
KZR	EQUI	KEZAR LIFE SCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	KZR	999
KZR	OPTN	KEZAR LIFE SCIENCES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	KZR	999
KZR1	OPTN	KEZAR LIFE SCIENCES INC (1:10 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	KZR	999
L	EQUI	LOEWS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	L	999
L	OPTN	LOEWS CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	L	999
LAB	EQUI	Standard BioTools Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LAB	999
LAB	OPTN	Standard BioTools Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LAB	999
LAC	EQUI	LITHIUM AMERS CORP NEWCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	LAC	999

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LAC	OPTN	LITHIUM AMERICAS CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	LAC	999
LAC1	OPTN	LITHIUM AMERICAS CORP (Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	LAC	999
LAD	EQUI	LITHIA MTRS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	LAD	999
LAD	OPTN	Lithia Motors Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	LAD	999
LADR	EQUI	LADDER CAP CORPCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	LADR	999
LADR	OPTN	Ladder Capital Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	LADR	999
LAES	EQUI	SEALSQ CORPORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	LAES	999
LAES	OPTN	SEALSQ CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	LAES	999
LAKE	EQUI	LAKELAND INDS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LAKE	999
LAKE	OPTN	Lakeland Industries, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	LAKE	999
LAMR	EQUI	LAMAR ADVERTISING COCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	LAMR	999
LAMR	OPTN	LAMAR ADVERTISING	Yes	Yes	25.00	37.50	100	1.00	No	No	LAMR	999
LANC	EQUI	LANCASTER COLONY CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LANC	999
LANC	OPTN	Lancaster Colony Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	LANC	999
LAND	EQUI	GLADSTONE LD CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LAND	999
LAND	OPTN	GLADSTONE LAND CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	LAND	999
LAR	EQUI	Lithium Argentina AG	Yes	Yes	0.00	0.00	1	1.00	No	No	LAR	999
LAR	OPTN	Lithium Argentina AG	Yes	Yes	25.00	37.50	100	1.00	No	No	LAR	999
LASE	EQUI	LASER PHOTONICS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LASE	999
LASE	OPTN	LASER PHOTONICS CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	LASE	999
LASR	EQUI	NLIGHT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LASR	999
LASR	OPTN	NLIGHT INC	Yes	Yes	25.00	37.50	100	1.00	No	No	LASR	999
LAUR	EQUI	Laureate Education, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LAUR	999
LAUR	OPTN	Laureate Education, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LAUR	999
LAW	EQUI	CS DISCO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LAW	999
LAW	OPTN	CS DISCO, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	LAW	999
LAZ	EQUI	Lazard, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LAZ	999
LAZ	OPTN	Lazard, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LAZ	999
LAZR	EQUI	Luminar Technologies, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	LAZR	999
LAZR	OPTN	Luminar Technologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LAZR	999
LAZR1	OPTN	Luminar Technologies, Inc. (1:15 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	LAZR	999
LAZRW	WARR	Luminar Technologies, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	LAZR	999
LB	EQUI	LANDBRIDGE COMPANY LLCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	LB	999
LB	OPTN	LANDBRIDGE COMPANY LLC CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	LB	999
LBRDA	EQUI	LIBERTY BROADBAND CORPCOM SER A	Yes	Yes	0.00	0.00	1	1.00	No	No	LBRDA	999
LBRDA	OPTN	Liberty Broadband Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	LBRDA	999
LBRDK	EQUI	LIBERTY BROADBAND CORPCOM SER C	Yes	Yes	0.00	0.00	1	1.00	No	No	LBRDK	999
LBRDK	OPTN	Liberty Broadband Corporation Class C	Yes	Yes	25.00	37.50	100	1.00	No	No	LBRDK	999
LBRT	EQUI	Liberty Energy Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LBRT	999
LBRT	OPTN	Liberty Energy Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LBRT	999
LBTYA	EQUI	Liberty Global Ltd. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	LBTYA	999
LBTA1	OPTN	Liberty Global Ltd. Class A (Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	LBTYA	999
LBTYA	OPTN	Liberty Global Ltd. Class A	Yes	Yes	25.00	37.50	100	1.00	No	No	LBTYA	999
LBTYK	EQUI	Liberty Global Ltd. Class C	Yes	Yes	0.00	0.00	1	1.00	No	No	LBTYK	999
LBTYK	OPTN	Liberty Global Ltd. Class C (Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	LBTYK	999
LBTYK	OPTN	Liberty Global Ltd. Class C	Yes	Yes	25.00	37.50	100	1.00	No	No	LBTYK	999
LC	EQUI	LENDINGCLUB CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LC	999
LC	OPTN	LendingClub Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	LC	999
LCID	EQUI	Lucid Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LCID	999
LCID	OPTN	Lucid Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LCID	999



**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
LCII	EQUI	LCI Industries	Yes	Yes	0.00	0.00	1	1.00	No	No	LCII	999
LCII	OPTN	LCI Industries	Yes	Yes	25.00	37.50	100	1.00	No	No	LCII	999
LCNB	EQUI	LCNB CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LCNB	999
LCNB	OPTN	LCNB Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	LCNB	999
LCTD	EQUI	BLACKROCK ETF TRUSTWORLD EX US CARB	Yes	Yes	0.00	0.00	1	1.00	Yes	No	LCTD	999
LCTD	OPTN	BLACKROCK WORLD EX U.S. CARBON TRANSITION	Yes	Yes	25.00	37.50	100	1.00	Yes	No	LCTD	999
LCTU	EQUI	BLACKROCK ETF TRUSTUS CARBON TRANS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	LCTU	999
LCTU	OPTN	BLACKROCK U.S. CARBON TRANSITION READINESS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	LCTU	999
LCTX	EQUI	Lineage Cell Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LCTX	999
LCTX	OPTN	Lineage Cell Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LCTX	999
LCUT	EQUI	LIFETIME BRANDS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LCUT	999
LCUT	OPTN	LIFETIME BRANDS, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	LCUT	999
LDEM	EQUI	ISHARES TRESG MSCI EM LDRS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	LDEM	999
LDEM	OPTN	ISHARES ESG MSCI EM LEADERS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	LDEM	999
LDI	EQUI	LOANDEPOT INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	LDI	999
LDI	OPTN	LOANDEPOT, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	LDI	999
LDOS	EQUI	Leidos Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LDOS	999
LDOS	OPTN	Leidos Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LDOS	999
2LDOS	OPTN	Leidos Holdings Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LDOS	999
LDTC	EQUI	LeddarTech Holdings Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LDTC	999
LDTCW	WARR	LEDDARTECH HOLDINGS INC. (WARRANT)	Yes	Yes	0.25	0.375	1	1.00	No	No	LDTC	999
LE	EQUI	LANDS END INC NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LE	999
LE	OPTN	Lands' End, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LE	999
LEA	EQUI	LEAR CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	LEA	999
LEA	OPTN	Lear Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	LEA	999
2LEA	OPTN	Lear Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LEA	999
LEAD	EQUI	Siren Divcon Leaders Dividend ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	LEAD	999
LECO	EQUI	LINCOLN ELEC HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LECO	999
LECO	OPTN	Lincoln Electric Holding Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	LECO	999
LEG	EQUI	LEGGETT & PLATT INC	Yes	Yes	0.00	0.00	1	1.00	No	No	LEG	999
LEG	OPTN	LEGGETT & PLATT, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	LEG	999
LEGH	EQUI	LEGACY HOUSING CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LEGH	999
LEGH	OPTN	LEGACY HOUSING CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	LEGH	999
LEGN	EQUI	LEGEND BIOTECH CORPSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	LEGN	999
LEGN	OPTN	LEGEND BIOTECH CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	LEGN	999
1LEGN	OPTN	LEGEND BIOTECH CORP (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LEGN	999
LEGR	EQUI	FIRST TR EXCHANGE-TRADED FDINDXX INOVTV ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	LEGR	999
LEGR	OPTN	FIRST TRUST INDXX INNOVATIVE TRANSACTION &	Yes	Yes	25.00	37.50	100	1.00	Yes	No	LEGR	999
LEMB	EQUI	iShares J.P. Morgan EM Local Currency Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	LEMB	999
LEMB	OPTN	iShares J.P. Morgan EM Local Currency Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	LEMB	999
LEN	EQUI	LENNAR CORPCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	LEN	999
LEN	OPTN	LENNAR CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	LEN	999
LEN1	OPTN	LENNAR CORP (Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	LEN	999
LESL	EQUI	LESLIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LESL	999
LESL	OPTN	LESLIES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	LESL	999
LEU	EQUI	CENTRUS ENERGY CORP.	Yes	Yes	0.00	0.00	1	1.00	No	No	LEU	999
LEU	OPTN	CENTRUS ENERGY CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	LEU	999
LEVGQ	EQUI	The Lion Electric Company	Yes	Yes	0.00	0.00	1	1.00	No	No	LEV	999
LEVGQ	OPTN	The Lion Electric Company	Yes	Yes	25.00	37.50	100	1.00	No	No	LEV	999
LEVWQ	WARR	The Lion Electric Company (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	LEV	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
LEGWQ	WARR	The Lion Electric Co (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	LEVGQ	999
LEVI	EQUI	LEVI STRAUSS & CO NEWCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	LEVI	999
LEVI	OPTN	LEVI STRAUSS CO.	Yes	Yes	25.00	37.50	100	1.00	No	No	LEVI	999
LFCR	EQUI	Lifecore Biomedical, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LFCR	999
LFCR	OPTN	Lifecore Biomedical, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LFCR	999
LFGY	EQUI	TIDAL TR IYIELDMAX CRYPTO	Yes	Yes	0.00	0.00	1	1.00	Yes	No	LFGY	999
LFGY	OPTN	YIELDMAX CRYPTO INDUSTRY & TECH PORTFOLIO OPTION	Yes	Yes	25.00	37.50	100	1.00	Yes	No	LFGY	999
LFLY	EQUI	Leafly Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LFLY	999
LFLYW	WARR	Leafly Holdings, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	LFLY	999
LFMD	EQUI	LifeMD, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LFMD	999
LFMD	OPTN	LifeMD, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LFMD	999
LFST	EQUI	LIFESTANCE HEALTH GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LFST	999
LFST	OPTN	LIFESTANCE HEALTH GROUP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	LFST	999
1LFST	OPTN	LIFESTANCE HEALTH GROUP, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LFST	999
2LFST	OPTN	LIFESTANCE HEALTH GROUP, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LFST	999
LFUS	EQUI	LITTELFUSE INC	Yes	Yes	0.00	0.00	1	1.00	No	No	LFUS	999
LFUS	OPTN	LITTELFUSE, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	LFUS	999
LFVN	EQUI	LIFEVANTAGE CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	LFVN	999
LFVN	OPTN	LifeVantage Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	LFVN	999
LFWD	EQUI	Lifeward Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	LFWD	999
LFWD	OPTN	Lifeward Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	LFWD	999
LGFA	EQUI	Lions Gate Entertainment Corporation Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	LGFA	999
LGFA	OPTN	Lions Gate Entertainment Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	LGFA	999
LGFB	EQUI	Lions Gate Enterainment Corporation Class B	Yes	Yes	0.00	0.00	1	1.00	No	No	LGFB	999
LGFB	OPTN	Lions Gate Entertainment Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	LGFB	999
LGHL	EQUI	LION GROUP HOLDING LTDADS	Yes	Yes	0.00	0.00	1	1.00	No	No	LGHL	999
LGHLW	WARR	LION GROUP HOLDING LTDADS (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	LGHL	999
LGIH	EQUI	LGI HOMES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LGIH	999
LGIH	OPTN	LGI Homes, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LGIH	999
LGLV	EQUI	SPDR SER TRSSGA US LRG ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	LGLV	999
LGLV	OPTN	SPDR SSGA US LARGE CAP LOW VOLATILITY INDEX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	LGLV	999
LGND	EQUI	LIGAND PHARMACEUTICALS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	LGND	999
LGND	OPTN	Ligand Pharmaceuticals Incorporated	Yes	Yes	25.00	37.50	100	1.00	No	No	LGND	999
LGO	EQUI	Largo Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LGO	999
LGO	OPTN	Largo Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LGO	999
LGTY	EQUI	Logility Supply Chain Solutions, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LGTY	999
LGTY	OPTN	Logility Supply Chain Solutions, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LGTY	999
LH	EQUI	Labcorp Holdings Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LH	999
LH	OPTN	Labcorp Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LH	999
LHX	EQUI	L3Harris Technologies, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LHX	999
LHX	OPTN	L3Harris Technologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LHX	999
2LHX	OPTN	L3Harris Technologies, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LHX	999
LI	EQUI	LI AUTO INCSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	LI	999
LI	OPTN	LI AUTO, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	LI	999
LICYF	EQUI	Li-Cycle Holdings Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	LICYF	999
LICYF	OPTN	Li-Cycle Holdings Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	LICYF	999
LIDR	EQUI	AEye, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	LIDR	999
LIDRW	WARR	AEye, Inc (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	LIDR	999
LIFW	EQUI	MSP RECOVERY INCCCL A NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	LIFW	999
MSPRZ	WARR	MSP RECOVERY, INC.(Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	LIFW	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
LII	EQUI	LENNOX INTL INC	Yes	Yes	0.00	0.00	1	1.00	No	No	LII	999
LII	OPTN	LENNOX INTERNATIONAL INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	LII	999
LILA	EQUI	Liberty Latin America Class A Ordinary Share	Yes	Yes	0.00	0.00	1	1.00	No	No	LILA	999
LILA	OPTN	Liberty Latin America Class A Ordinary Share	Yes	Yes	25.00	37.50	100	1.00	No	No	LILA	999
LILAK	EQUI	Liberty Latin America Class C Ordinary Share	Yes	Yes	0.00	0.00	1	1.00	No	No	LILAK	999
LILAK	OPTN	Liberty Latin America Class C Ordinary Share	Yes	Yes	25.00	37.50	100	1.00	No	No	LILAK	999
2LILAK	OPTN	Liberty Latin America Class C Ordinary (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LILAK	999
LILMF	EQUI	Lilium N.V. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	LILM	999
LILMF	OPTN	Lilium N.V.	Yes	Yes	25.00	37.50	100	1.00	No	No	LILM	999
LILWF	WARR	Lilium N.V. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	LILM	999
LIN	EQUI	Linde plc	Yes	Yes	0.00	0.00	1	1.00	No	No	LIN	999
LIN	OPTN	Linde plc	Yes	Yes	25.00	37.50	100	1.00	No	No	LIN	999
2LIN	OPTN	Linde plc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LIN	999
LINC	EQUI	LINCOLN EDL SVCS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LINC	999
LINC	OPTN	Lincoln Educational Services Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	LINC	999
LIND	EQUI	LINDBLAD EXPEDITIONS HLDGS ICOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LIND	999
LIND	OPTN	LINDBLAD EXPEDITIONS HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	LIND	999
2LIND	OPTN	LINDBLAD EXPEDITIONS HOLDINGS, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LIND	999
LINE	EQUI	LINEAGE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LINE	999
LINE	OPTN	LINEAGE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	LINE	999
LIT	EQUI	Global X Lithium & Battery Tech ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	LIT	999
LIT	OPTN	Global X Lithium & Battery Tech ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	LIT	999
LITE	EQUI	LUMENTUM HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LITE	999
LITE	OPTN	Lumentum Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LITE	999
1LITE	OPTN	Lumentum Holdings, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LITE	999
LITM	EQUI	SNOW LAKE RES LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LITM	999
LITM	OPTN	SNOW LAKE RESOURCES LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	LITM	999
LIVN	EQUI	LivaNova PLC	Yes	Yes	0.00	0.00	1	1.00	No	No	LIVN	999
LIVN	OPTN	LivaNova PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	LIVN	999
LKFN	EQUI	LAKELAND FINL CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LKFN	999
LKFN	OPTN	Lakeland Financial Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	LKFN	999
LKQ	EQUI	LKQ CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LKQ	999
LKQ	OPTN	LKQ Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	LKQ	999
2LKQ	OPTN	LKQ Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LKQ	999
LLY	EQUI	LILLY ELI & CO	Yes	Yes	0.00	0.00	1	1.00	No	No	LLY	999
LLY	OPTN	ELI LILLY & CO	Yes	Yes	25.00	37.50	100	1.00	No	No	LLY	999
2LLY	OPTN	ELI LILLY & CO (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LLY	999
LLYVA	EQUI	Liberty Live Series A	Yes	Yes	0.00	0.00	1	1.00	No	No	LLYVA	999
LLYVA	OPTN	LIBERTY LIVE GROUP	Yes	Yes	25.00	37.50	100	1.00	No	No	LLYVA	999
LLYVK	EQUI	Libery Live Series C	Yes	Yes	0.00	0.00	1	1.00	No	No	LLYVK	999
LLYVK	OPTN	LIBERTY MEDIA CORP. SERIES C LIBERTY LIVE	Yes	Yes	25.00	37.50	100	1.00	No	No	LLYVK	999
LLYX	EQUI	TIDAL TR IIDEFIANCE DAILY	Yes	Yes	0.00	0.00	1	2.00	Yes	No	LLYX	999
LLYX	OPTN	DEFIANCE DAILY TARGET 2X LONG LLY ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	LLYX	999
LMAT	EQUI	LeMaitre Vascular Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LMAT	999
LMAT	OPTN	LeMaitre Vascular Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LMAT	999
LMB	EQUI	LIMBACH HOLDINGS, INC.	Yes	Yes	0.00	0.00	1	1.00	No	No	LMB	999
LMB	OPTN	LIMBACH HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	LMB	999
LMBO	EQUI	DIREXION SHS ETF TRDAILY CRYPTO INU	Yes	Yes	0.00	0.00	1	2.00	Yes	No	LMBO	999
LMBO	OPTN	DIREXION DAILY CRYPTO INDUSTRY BULL 2X SHARES	Yes	Yes	25.00	37.50	100	2.00	Yes	No	LMBO	999
LMBS	EQUI	FIRST TR EXCHANGE-TRADED FDFST LOW OPPT EFT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	LMBS	999

## RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
LMBS	OPTN	FIRST TRUST LOW DURATION OPPORTUNITIES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	LMBS	999
LMND	EQUI	LEMONADE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LMND	999
LMND	OPTN	LEMONADE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	LMND	999
LMNR	EQUI	Limoneira Company	Yes	Yes	0.00	0.00	1	1.00	No	No	LMNR	999
LMNR	OPTN	Limoneira Company	Yes	Yes	25.00	37.50	100	1.00	No	No	LMNR	999
LMT	EQUI	LOCKHEED MARTIN CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	LMT	999
LMT	OPTN	LOCKHEED MARTIN	Yes	Yes	25.00	37.50	100	1.00	No	No	LMT	999
2LMT	OPTN	LOCKHEED MARTIN (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LMT	999
LNC	EQUI	LINCOLN NATL CORP IND	Yes	Yes	0.00	0.00	1	1.00	No	No	LNC	999
LNC	OPTN	LINCOLN NATIONAL	Yes	Yes	25.00	37.50	100	1.00	No	No	LNC	999
LNG	EQUI	CHENIERE ENERGY INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	LNG	999
LNG	OPTN	CHENIERE ENERGY INC	Yes	Yes	25.00	37.50	100	1.00	No	No	LNG	999
1LNG	OPTN	CHENIERE ENERGY INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LNG	999
LNGG	EQUI	LISTED FD TRROUNDHILL ALERIA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	LNGG	999
LNGG	OPTN	ROUNDHILL ALERIAN LNG ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	LNGG	999
LNN	EQUI	LINDSAY CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LNN	999
LNN	OPTN	Lindsay Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	LNN	999
LNSR	EQUI	LENSAR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LNSR	999
LNSR	OPTN	LENSAR INC	Yes	Yes	25.00	37.50	100	1.00	No	No	LNSR	999
LNT	EQUI	ALLIANT ENERGY CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LNT	999
LNT	OPTN	ALLIANT ENERGY CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	LNT	999
LNTH	EQUI	Lantheus Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LNTH	999
LNTH	OPTN	Lantheus Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LNTH	999
LNW	EQUI	Light & Wonder, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LNW	999
LNW	OPTN	Light & Wonder, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LNW	999
LNZA	EQUI	LanzaTech Global, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LNZA	999
LNZA	OPTN	LANZATECH GLOBAL INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	LNZA	999
LNZAW	WARR	LANZATECH GLOBAL INC. (WARRANT)	Yes	Yes	0.25	0.375	1	1.00	No	No	LNZA	999
LOAN	EQUI	MANHATTAN BRDG CAP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LOAN	999
LOAN	OPTN	MANHATTAN BRIDGE CAPITAL, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	LOAN	999
LOAR	EQUI	LOAR HOLDINGS INCCOM SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	LOAR	999
LOAR	OPTN	LOAR HOLDINGS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	LOAR	999
LOB	EQUI	LIVE OAK BANCSHARES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LOB	999
LOB	OPTN	Live Oak Bancshares, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LOB	999
LOCO	EQUI	EL POLLO LOCO HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LOCO	999
LOCO	OPTN	El Pollo Loco Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LOCO	999
LODE	EQUI	Comstock Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LODE	999
LODE	OPTN	Comstock Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LODE	999
LODE1	OPTN	Comstock Inc. (1:10 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	LODE	999
LOGC	EQUI	CONTEXTLOGIC INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	LOGC	999
LOGC	OPTN	ContextLogic Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LOGC	999
LOGI	EQUI	Logitech International S.A. Ord	Yes	Yes	0.00	0.00	1	1.00	No	No	LOGI	999
LOGI	OPTN	Logitech International S.A. Ord	Yes	Yes	25.00	37.50	100	1.00	No	No	LOGI	999
LOMA	EQUI	LOMA NEGRA CORPSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	LOMA	999
LOMA	OPTN	Loma Negra Cia Industrial Argentina SA	Yes	Yes	25.00	37.50	100	1.00	No	No	LOMA	999
LOOP	EQUI	LOOP INDS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LOOP	999
LOOP	OPTN	LOOP INDUSTRIES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	LOOP	999
LOPE	EQUI	GRAND CANYON ED INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LOPE	999
LOPE	OPTN	Grand Canyon Education, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LOPE	999
LOUP	EQUI	Innovator Deepwater Frontier Tech ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	LOUP	999

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Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
LOUP	OPTN	Innovator Deepwater Frontier Tech ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	LOUP	999
LOVE	EQUI	LOVESAC COMPANY	Yes	Yes	0.00	0.00	1	1.00	No	No	LOVE	999
LOVE	OPTN	LOVESAC COMPANY	Yes	Yes	25.00	37.50	100	1.00	No	No	LOVE	999
LOW	EQUI	LOWES COS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	LOW	999
LOW	OPTN	LOWES COS	Yes	Yes	25.00	37.50	100	1.00	No	No	LOW	999
2LOW	OPTN	LOWES COS (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LOW	999
LPG	EQUI	Dorian LPG Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	LPG	999
LPG	OPTN	Dorian LPG Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	LPG	999
LPL	EQUI	LG DISPLAY CO LTDSPONS ADR REP	Yes	Yes	0.00	0.00	1	1.00	No	No	LPL	999
LPL	OPTN	LG Display Co Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	LPL	999
LPLA	EQUI	LPL Financial Holdings Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LPLA	999
LPLA	OPTN	LPL Financial Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LPLA	999
2LPLA	OPTN	LPL Financial Holdings Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LPLA	999
LPRO	EQUI	OPEN LENDING CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LPRO	999
LPRO	OPTN	OPEN LENDING CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	LPRO	999
LPSN	EQUI	LIVEPERSON INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LPSN	999
LPSN	OPTN	LivePerson, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LPSN	999
LPTX	EQUI	LEAP THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LPTX	999
LPTX	OPTN	LEAP THERAPEUTICS, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	LPTX	999
LPX	EQUI	LOUISIANA PAC CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	LPX	999
LPX	OPTN	LOUISIANA PACIFIC	Yes	Yes	25.00	37.50	100	1.00	No	No	LPX	999
LQDA	EQUI	Liquidia Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	LQDA	999
LQDA	OPTN	Liquidia Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	LQDA	999
LQDH	EQUI	ISHARES US ETF TRINT RT HDG C B	Yes	Yes	0.00	0.00	1	1.00	Yes	No	LQDH	999
LQDH	OPTN	Ishares Interest Rate Hedged Corporate Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	LQDH	999
LQDI	EQUI	ISHARES INFLATION HEDGED CORPORATE BOND ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	LQDI	999
LQDI	OPTN	ISHARES INFLATION HEDGED CORPORATE BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	LQDI	999
LQDT	EQUI	LIQUIDITY SERVICES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	LQDT	999
LQDT	OPTN	Liquidity Services Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	LQDT	999
LQIG	EQUI	SPDR SER TRMKTAXES INVT GRD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	LQIG	999
LQIG	OPTN	SPDR MARKETAXESS INVESTMENT GRADE 400	Yes	Yes	25.00	37.50	100	1.00	Yes	No	LQIG	999
LRCX	EQUI	LAM RESEARCH CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	LRCX	999
LRCX	OPTN	LAM RESEARCH CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	LRCX	999
2LRCX	OPTN	LAM RESEARCH CORP. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LRCX	999
LRGF	EQUI	iShares U.S. Equity Factor ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	LRGF	999
LRGF	OPTN	iShares U.S. Equity Factor ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	LRGF	999
LRMR	EQUI	Larimar Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LRMR	999
LRMR	OPTN	LARIMAR THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	LRMR	999
LRN	EQUI	Stride, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LRN	999
LRN	OPTN	Stride, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LRN	999
LRND	EQUI	New York Life Inv ETF Trust NYLI US Large Cap R&D	Yes	Yes	0.00	0.00	1	1.00	Yes	No	LRND	999
LRND	OPTN	New York Life Inv ETF Trust NYLI US Large Cap R&D	Yes	Yes	25.00	37.50	100	1.00	Yes	No	LRND	999
LRNZ	EQUI	LISTED FD TRTRUESHS TECH AI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	LRNZ	999
LRNZ	OPTN	TRUESHARES TECHNOLOGY, AI & DEEP LEARNING ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	LRNZ	999
LSAK	EQUI	Lesaka Technologies, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LSAK	999
LSAK	OPTN	Lesaka Technologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LSAK	999
LSCC	EQUI	LATTICE SEMICONDUCTOR CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	LSCC	999
LSCC	OPTN	Lattice Semiconductor Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	LSCC	999
2LSCC	OPTN	Lattice Semiconductor Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LSCC	999
LSEA	EQUI	LANDSEA HOMES CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LSEA	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
LSEA	OPTN	LANDSEA HOMES CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	LSEA	999
LSEAW	WARR	LANDSEA HOMES CORPORATION (WARRANT)	Yes	Yes	0.25	0.375	1	1.00	No	No	LSEA	999
LSPD	EQUI	Lightspeed Commerce Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LSPD	999
LSPD	OPTN	Lightspeed Commerce Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LSPD	999
LSTR	EQUI	LANDSTAR SYS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	LSTR	999
LSTR	OPTN	LANDSTAR SYSTEM INC	Yes	Yes	25.00	37.50	100	1.00	No	No	LSTR	999
LTBR	EQUI	LIGHTBRIDGE CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LTBR	999
LTBR	OPTN	LIGHTBRIDGE CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	LTBR	999
LTC	EQUI	LTC PPTYS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	LTC	999
LTC	OPTN	LTC Properties, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LTC	999
LTH	EQUI	LIFE TIME GROUP HOLDINGS INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	LTH	999
LTH	OPTN	LIFE TIME GROUP HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	LTH	999
LTRN	EQUI	LANTERN PHARMA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LTRN	999
LTRN	OPTN	LANTERN PHARMA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	LTRN	999
LTRX	EQUI	LANTRONIX INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	LTRX	999
LTRX	OPTN	LANTRONIX, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	LTRX	999
LTRY	EQUI	LOTTERY COM INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LTRY	999
LTRYW	WARR	LOTTERY COM INCCOM (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	LTRY	999
LU	EQUI	LUFAX HOLDING LTDADS REP SHS CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	LU	999
LU	OPTN	LUFAX HOLDING LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	LU	999
LUCK	EQUI	Lucky Strike Entertainment Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	LUCK	999
LUCK	OPTN	Lucky Strike Entertainment Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	LUCK	999
LULU	EQUI	LULULEMON ATHLETICA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LULU	999
LULU	OPTN	Lululemon Athletica Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LULU	999
2LULU	OPTN	Lululemon Athletica Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LULU	999
LUMN	EQUI	Lumen Technologies, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LUMN	999
LUMN	OPTN	Lumen Technologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LUMN	999
LUNA	EQUI	LUNA INNOVATIONSCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LUNA	999
LUNA	OPTN	LUNA INNOVATIONS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	LUNA	999
LUNG	EQUI	PULMONX CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LUNG	999
LUNG	OPTN	PULMONX CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	LUNG	999
LUNR	EQUI	Intuitive Machines, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LUNR	999
LUNR	OPTN	INTUITIVE MACHINES, INC. CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	LUNR	999
LUV	EQUI	SOUTHWEST AIRLS CO	Yes	Yes	0.00	0.00	1	1.00	No	No	LUV	999
LUV	OPTN	SOUTHWEST AIRLINES COMPANY	Yes	Yes	25.00	37.50	100	1.00	No	No	LUV	999
1LUV	OPTN	SOUTHWEST AIRLINES COMPANY (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LUV	999
2LUV	OPTN	SOUTHWEST AIRLINES COMPANY (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LUV	999
LVHD	EQUI	Franklin US Low Volatility High Dividend Index ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	LVHD	999
LVHD	OPTN	Franklin US Low Volatility High Dividend Index ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	LVHD	999
LVHI	EQUI	FRANKLIN INTERNATIONAL LOW VOLATILITY HIGH DIV	Yes	Yes	0.00	0.00	1	1.00	Yes	No	LVHI	999
LVHI	OPTN	FRANKLIN INTERNATIONAL LOW VOLATILITY HIGH DIV	Yes	Yes	25.00	37.50	100	1.00	Yes	No	LVHI	999
LVLU	EQUI	LULUS FASHION LOUNGE HOLDINGCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LVLU	999
LVLU	OPTN	LULUS FASHION LOUNGE HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	LVLU	999
LVO	EQUI	LiveOne, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LVO	999
LVO	OPTN	LiveOne, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LVO	999
LVS	EQUI	LAS VEGAS SANDS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LVS	999
LVS	OPTN	Las Vegas Sands Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	LVS	999
LVTX	EQUI	LAVA THERAPEUTICS NVSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	LVTX	999
LVTX	OPTN	LAVA THERAPEUTICS NV	Yes	Yes	25.00	37.50	100	1.00	No	No	LVTX	999
LVWR	EQUI	LiveWire Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	LVWR	999

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LVWR	OPTN	LiveWire Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LVWR	999
LVWRWS	WARR	Livewire Group Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	LVWR	999
LW	EQUI	LAMB WESTON HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LW	999
LW	OPTN	Lamb Weston Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LW	999
2LW	OPTN	Lamb Weston Holdings, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LW	999
LWLG	EQUI	LIGHTWAVE LOGIC INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LWLG	999
LWLG	OPTN	LIGHTWAVE LOGIC, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	LWLG	999
LX	EQUI	LEXINFITECH HLDGS LTDADR	Yes	Yes	0.00	0.00	1	1.00	No	No	LX	999
LX	OPTN	LEXINFITECH HOLDINGS LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	LX	999
LXEO	EQUI	LEXEO THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LXEO	999
LXEO	OPTN	LEXEO THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	LXEO	999
LXFR	EQUI	LUXFER HOLDINGS PLCSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	LXFR	999
LXFR	OPTN	LUXFER HOLDINGS PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	LXFR	999
LXP	EQUI	LXP Industrial Trust	Yes	Yes	0.00	0.00	1	1.00	No	No	LXP	999
LXP	OPTN	LXP Industrial Trust	Yes	Yes	25.00	37.50	100	1.00	No	No	LXP	999
LXRX	EQUI	LEXICON PHARMACEUTICALS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	LXRX	999
LXRX	OPTN	Lexicon Pharmaceuticals Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	LXRX	999
LXU	EQUI	LSB INDS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	LXU	999
LXU	OPTN	LSB Industries, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LXU	999
LYB	EQUI	LYONDELLBASELL INDUSTRIES NSHS NV	Yes	Yes	0.00	0.00	1	1.00	No	No	LYB	999
LYB	OPTN	LyondellBasell Industries NV	Yes	Yes	25.00	37.50	100	1.00	No	No	LYB	999
2LYB	OPTN	LyondellBasell Industries NV (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LYB	999
LYEL	EQUI	LYELL IMMUNOPHARMA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LYEL	999
LYEL	OPTN	LYELL IMMUNOPHARMA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	LYEL	999
LYFT	EQUI	LYFT INCCL A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	LYFT	999
LYFT	OPTN	LYFT INC	Yes	Yes	25.00	37.50	100	1.00	No	No	LYFT	999
2LYFT	OPTN	LYFT INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LYFT	999
LYG	EQUI	Lloyds Banking Group Plc	Yes	Yes	0.00	0.00	1	1.00	No	No	LYG	999
LYG	OPTN	Lloyds Banking Group Plc ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	LYG	999
LYRA	EQUI	LYRA THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LYRA	999
LYRA	OPTN	LYRA THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	LYRA	999
LYTS	EQUI	LSI INDS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	LYTS	999
LYTS	OPTN	LSI Industries, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	LYTS	999
LYV	EQUI	Live Nation Entertainment Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	LYV	999
LYV	OPTN	Live Nation Entertainment Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	LYV	999
1LYV	OPTN	Live Nation Entertainment Inc (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LYV	999
2LYV	OPTN	Live Nation Entertainment Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	LYV	999
LZ	EQUI	LEGALZOOM COM INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LZ	999
LZ	OPTN	LEGALZOOM.COM, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	LZ	999
LZB	EQUI	LA Z BOY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	LZB	999
LZB	OPTN	LA-Z-BOY INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	LZB	999
M	EQUI	Macys Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	M	999
M	OPTN	Macy's Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	M	999
MA	EQUI	Mastercard Incorporated	Yes	Yes	0.00	0.00	1	1.00	No	No	MA	999
MA	OPTN	Mastercard Incorporated Class A	Yes	Yes	25.00	37.50	100	1.00	No	No	MA	999
2MA	OPTN	Mastercard Incorporated Class A (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MA	999
MAA	EQUI	MID-AMER APT CMNTYS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	MAA	999
MAA	OPTN	MID-AMERICA APARTMENT COMMUNITIES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MAA	999
2MAA	OPTN	MID-AMERICA APARTMENT COMMUNITIES, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	MAA	999
MAC	EQUI	MACERICH CO	Yes	Yes	0.00	0.00	1	1.00	No	No	MAC	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
MAC	OPTN	MACERICH COMPANY THE	Yes	Yes	25.00	37.50	100	1.00	No	No	MAC	999
MACK	OPTN	Merrimack Pharmaceuticals Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	MACK	999
MAG	EQUI	MAG SILVER CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MAG	999
MAG	OPTN	Mag Silver Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	MAG	999
2MAG	OPTN	Mag Silver Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MAG	999
MAGA	EQUI	Point Bridge America First ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MAGA	999
MAGA	OPTN	Point Bridge America First ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MAGA	999
MAGN	EQUI	Magnera Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	MAGN	999
MAGN	OPTN	MAGNERA CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	MAGN	999
MAGN1	OPTN	Magnera Corporation (1:13)	Yes	Yes	25.00	37.50	100	1.00	No	No	MAGN	999
MAGQ	EQUI	ROUNDHILL ETF TRUSTDAILY INVERSE MA	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	MAGS	999
MAGS	EQUI	Listed Funds Trust Roundhill Magnificent Seven ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MAGS	999
MAGX	EQUI	ROUNDHILL ETF TRUSTDAILY 2X LONG MA	Yes	Yes	0.00	0.00	1	2.00	Yes	No	MAGS	999
MAGS	OPTN	Listed Funds Trust Roundhill Magnificent Seven ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MAGS	999
MAGX	OPTN	ROUNDHILL DAILY 2X LONG MAGNIFICENT SEVEN ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	MAGS	999
2MAGS	OPTN	Listed Funds Trust Roundhill Magnifice (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MAGS	999
MAIN	EQUI	MAIN STREET CAPITAL CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MAIN	999
MAIN	OPTN	Main Street Capital Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	MAIN	999
MAKX	EQUI	PROSHARES TRS&P KENSHO SMRT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MAKX	999
MAKX	OPTN	PROSHARES S&P KENSHO SMART FACTORIES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MAKX	999
MAMA	EQUI	MAMAS CREATIONS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MAMA	999
MAMA	OPTN	MAMAS CREATIONS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MAMA	999
MAN	EQUI	ManpowerGroup	Yes	Yes	0.00	0.00	1	1.00	No	No	MAN	999
MAN	OPTN	ManpowerGroup	Yes	Yes	25.00	37.50	100	1.00	No	No	MAN	999
MANH	EQUI	MANHATTAN ASSOCS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MANH	999
MANH	OPTN	MANHATTAN ASSOCIATES INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MANH	999
MANU	EQUI	MANCHESTER UTD PLC CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	MANU	999
MANU	OPTN	Manchester United PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	MANU	999
MAPS	EQUI	WM Technology, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	MAPS	999
MAPS	OPTN	WM Technology, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MAPS	999
MAPSW	WARR	WM Technology, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	MAPS	999
MAR	EQUI	MARRIOTT INTL INC NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	MAR	999
MAR	OPTN	MARRIOTT INT'L	Yes	Yes	25.00	37.50	100	1.00	No	No	MAR	999
2MAR	OPTN	MARRIOTT INT'L (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MAR	999
MARA	EQUI	MARA Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	MARA	999
MARA	OPTN	MARA Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MARA	999
1MARA	OPTN	MARA Holdings, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MARA	999
2MARA	OPTN	MARA Holdings, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MARA	999
MAS	EQUI	MASCO CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MAS	999
MAS	OPTN	MASCO CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	MAS	999
1MAS	OPTN	MASCO CORP. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MAS	999
MASI	EQUI	MASIMO CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MASI	999
MASI	OPTN	Masimo Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	MASI	999
MASS	EQUI	908 DEVICES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MASS	999
MASS	OPTN	908 DEVICES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	MASS	999
MAT	EQUI	MATTEL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MAT	999
MAT	OPTN	MATTEL INC	Yes	Yes	25.00	37.50	100	1.00	No	No	MAT	999
2MAT	OPTN	MATTEL INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MAT	999
MATV	EQUI	Mativ Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	MATV	999
MATV	OPTN	Mativ Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MATV	999



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MATW	EQUI	MATTHEWS INTL CORPCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	MATW	999
MATW	OPTN	Matthews International Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	MATW	999
MATX	EQUI	Matson, Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	MATX	999
MATX	OPTN	Matson, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	MATX	999
MAX	EQUI	MEDIAALPHA INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	MAX	999
MAX	OPTN	MEDIAALPHA INC CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	MAX	999
MAXI	EQUI	SIMPLIFY EXCHANGE TRADED FUNBITCOIN STRATEGY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MAXI	999
MAXI	OPTN	SIMPLIFY BITCOIN STR PL INC ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MAXI	999
MAXN	EQUI	MAXEON SOLAR TECHNOLOGIES LTSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	MAXN	999
MAXN	OPTN	MAXEON SOLAR TECHNOLOGIES, LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	MAXN	999
MAXN1	OPTN	MAXEON SOLAR TECHNOLOGIES, LTD (1:100 Rev Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	MAXN	999
MBB	EQUI	iShares MBS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MBB	999
SPMB	EQUI	SPDR PORTFOLIO MORTGAGE BACKED BOND ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MBB	999
MBB	OPTN	iShares MBS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MBB	999
SPMB	OPTN	SPDR PORTFOLIO MORTGAGE BACKED BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MBB	999
MBC	EQUI	MASTERBRAND INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	MBC	999
MBC	OPTN	MASTERBRAND INC	Yes	Yes	25.00	37.50	100	1.00	No	No	MBC	999
MBI	EQUI	MBIA INC	Yes	Yes	0.00	0.00	1	1.00	No	No	MBI	999
MBI	OPTN	MBIA INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MBI	999
MBIN	EQUI	MERCHANTS BANCORP INDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MBIN	999
MBIN	OPTN	MERCHANTS BANCORP	Yes	Yes	25.00	37.50	100	1.00	No	No	MBIN	999
MBLY	EQUI	MOBILEYE GLOBAL INCCOMMON CLASS A	Yes	Yes	0.00	0.00	1	1.00	No	No	MBLY	999
MBLY	OPTN	MOBILEYE GLOBAL, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MBLY	999
MBOT	EQUI	MICROBOT MED INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	MBOT	999
MBOT	OPTN	MICROBOT MEDICAL INC	Yes	Yes	25.00	37.50	100	1.00	No	No	MBOT	999
MBUU	EQUI	MALIBU BOATS INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	MBUU	999
MBUU	OPTN	Malibu Boats Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MBUU	999
MBWM	EQUI	MERCANTILE BANK CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	MBWM	999
MBWM	OPTN	Mercantile Bank Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	MBWM	999
MC	EQUI	MOELIS & COMPANY	Yes	Yes	0.00	0.00	1	1.00	No	No	MC	999
MC	OPTN	Moelis & Company	Yes	Yes	25.00	37.50	100	1.00	No	No	MC	999
MCB	EQUI	METROPOLITAN BK HLDG CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MCB	999
MCB	OPTN	METROPOLITAN BANK HOLDING CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	MCB	999
MCBS	EQUI	METROCITY BANKSHARES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MCBS	999
MCBS	OPTN	METROCITY BANKSHARES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MCBS	999
MCD	EQUI	MCDONALDS CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	MCD	999
MCD	OPTN	MCDONALDS CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	MCD	999
2MCD	OPTN	MCDONALDS CORP (Euro flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	MCD	999
MCFT	EQUI	MasterCraft Boat Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	MCFT	999
MCFT	OPTN	MasterCraft Boat Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MCFT	999
MCHP	EQUI	MICROCHIP TECHNOLOGY INC	Yes	Yes	0.00	0.00	1	1.00	No	No	MCHP	999
MCHP	OPTN	MICROCHIP TECHNOLOGY INC	Yes	Yes	25.00	37.50	100	1.00	No	No	MCHP	999
2MCHP	OPTN	MICROCHIP TECHNOLOGY INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MCHP	999
MCHX	EQUI	MARCHEX INCCL B	Yes	Yes	0.00	0.00	1	1.00	No	No	MCHX	999
MCHX	OPTN	MARCHEX, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MCHX	999
MCK	EQUI	MCKESSON CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	MCK	999
MCK	OPTN	MCKESSON CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	MCK	999
1MCK	OPTN	MCKESSON CORPORATION (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MCK	999
2MCK	OPTN	MCKESSON CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MCK	999
MCO	EQUI	MOODYS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MCO	999

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Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
MCO	OPTN	MOODY'S CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	MCO	999
2MCO	OPTN	MOODY'S CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MCO	999
MCRB	EQUI	SERES THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MCRB	999
MCRB	OPTN	Seres Therapeutics	Yes	Yes	25.00	37.50	100	1.00	No	No	MCRB	999
MCRI	EQUI	MONARCH CASINO & RESORT INC	Yes	Yes	0.00	0.00	1	1.00	No	No	MCRI	999
MCRI	OPTN	MONRACH CASINO & RESORT, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	MCRI	999
MCS	EQUI	MARCUS CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	MCS	999
MCS	OPTN	Marcus Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	MCS	999
MCW	EQUI	MISTER CAR WASH INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MCW	999
MCW	OPTN	MISTER CAR WASH INC	Yes	Yes	25.00	37.50	100	1.00	No	No	MCW	999
MCY	EQUI	MERCURY GENL CORP NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	MCY	999
MCY	OPTN	Mercury General Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	MCY	999
MD	EQUI	Pediatrics Medical Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	MD	999
MD	OPTN	Pediatrics Medical Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MD	999
MDB	EQUI	MONGODB INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	MDB	999
MDB	OPTN	MongoDB Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MDB	999
1MDB	OPTN	MongoDB Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MDB	999
2MDB	OPTN	MongoDB Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MDB	999
MDEV	EQUI	FIRST TRUST INDXX MEDICAL DEVICES ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MDEV	999
MDEV	OPTN	FIRST TRUST INDXX MEDICAL DEVICES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MDEV	999
MDGL	EQUI	Madrigal Pharmaceuticals, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	MDGL	999
MDGL	OPTN	Madrigal Pharmaceuticals Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	MDGL	999
MDIV	EQUI	FIRST TR EXCHANGE TRADED FDMULTI ASSET DI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MDIV	999
MDIV	OPTN	First Trust Multi-Asset Diversified Income Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MDIV	999
MDLZ	EQUI	Mondelez International, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	MDLZ	999
MDLZ	OPTN	Mondelez International, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MDLZ	999
1MDLZ	OPTN	Mondelez International, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MDLZ	999
2MDLZ	OPTN	Mondelez International, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MDLZ	999
MDT	EQUI	Medtronic plc	Yes	Yes	0.00	0.00	1	1.00	No	No	MDT	999
MDT	OPTN	Medtronic plc	Yes	Yes	25.00	37.50	100	1.00	No	No	MDT	999
2MDT	OPTN	Medtronic plc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MDT	999
MDU	EQUI	MDU RES GROUP INC	Yes	Yes	0.00	0.00	1	1.00	No	No	MDU	999
MDU	OPTN	MDU RESOURCES GROUP INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MDU	999
MDU1	OPTN	MDU RESOURCES GROUP INC.(dist)	Yes	Yes	25.00	37.50	100	1.00	No	No	MDU	999
MDWD	EQUI	MEDIWOUND LTDORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	MDWD	999
MDWD	OPTN	MEDIWOUND LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	MDWD	999
MDXG	EQUI	MIMEDX GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MDXG	999
MDXG	OPTN	MiMedx Group Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	MDXG	999
IVOV	EQUI	VANGUARD ADMIRAL FDS INCMIDCP 400 VAL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MDYV	999
MDYV	EQUI	SPDR SER TRS&P 400 MDCP VAL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MDYV	999
IVOV	OPTN	VANGUARD S&P MID-CAP 400 VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MDYV	999
MDYV	OPTN	SPDR S&P 400 MID CAP VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MDYV	999
MEC	EQUI	MAYVILLE ENGR CO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MEC	999
MEC	OPTN	MAYVILLE ENGINEERING COMPANY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MEC	999
MED	EQUI	MEDIFAST INC	Yes	Yes	0.00	0.00	1	1.00	No	No	MED	999
MED	OPTN	Medifast, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MED	999
MEDP	EQUI	MEDPACE HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MEDP	999
MEDP	OPTN	Medpace Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MEDP	999
MEG	EQUI	MONTROSE ENVIRONMENTAL GROUPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MEG	999
MEG	OPTN	MONTROSE ENVIRONMENTAL GROUP	Yes	Yes	25.00	37.50	100	1.00	No	No	MEG	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
MEHCQ	EQUI	23andMe Holding Co. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	MEHCQ	999
ME	OPTN	23andMe Holding Co.	Yes	Yes	25.00	37.50	100	1.00	No	No	MEHCQ	999
MEHCQ	OPTN	23andMe Holding Co.	Yes	Yes	25.00	37.50	100	1.00	No	No	MEHCQ	999
MEHQ1	OPTN	23andMe Holding Co. (1:20 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	MEHCQ	999
ME1	OPTN	23andMe Holding Co. (1:20 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	MEHCQ	999
MEI	EQUI	METHODE ELECTRS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MEI	999
MEI	OPTN	METHODE ELECTRONICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MEI	999
MEIP	EQUI	MEI PHARMA INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	MEIP	999
MEIP	OPTN	MEI Pharma, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MEIP	999
MELI	EQUI	MERCADOLIBRE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MELI	999
MELI	OPTN	Mercadolibre Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	MELI	999
2MELI	OPTN	Mercadolibre Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MELI	999
MEME	EQUI	LISTED FD TRROUNDHILL MEME	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MEME	999
MEOH	EQUI	METHANEX CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	MEOH	999
MEOH	OPTN	Methanex Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	MEOH	999
MERC	EQUI	MERCER INTL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MERC	999
MERC	OPTN	Mercer International Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	MERC	999
MESA	EQUI	MESA AIR GROUP INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	MESA	999
MESA	OPTN	Mesa Air Group Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	MESA	999
MESO	EQUI	MESOBLAST LIMITED SPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	MESO	999
MESO	OPTN	MESOBLAST LIMITED SPONSORED ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	MESO	999
MESO1	OPTN	MESOBLAST LIMITED SPONSORED ADR(1:2)	Yes	Yes	25.00	37.50	100	1.00	No	No	MESO	999
MET	EQUI	METLIFE INC	Yes	Yes	0.00	0.00	1	1.00	No	No	MET	999
MET	OPTN	METLIFE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MET	999
2MET	OPTN	METLIFE, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MET	999
META	EQUI	Meta Platforms, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	META	999
META	OPTN	Meta Platforms, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	META	999
1META	OPTN	Meta Platforms, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	META	999
2META	OPTN	Meta Platforms, Inc. (Euro/Flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	META	999
METC	EQUI	RAMACO RES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	METC	999
METC	OPTN	RAMACO RESOURCES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	METC	999
1METC	OPTN	RAMACO RESOURCES, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	METC	999
METU	EQUI	DIREXION SHS ETF TRDAILY META BULL	Yes	Yes	0.00	0.00	1	2.00	Yes	No	METU	999
METU	OPTN	DIREXION DAILY META BULL 2X SHARES	Yes	Yes	25.00	37.50	100	2.00	Yes	No	METU	999
METV	EQUI	LISTED FD TRROUNDHILL BALL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	METV	999
METV	OPTN	Roundhill Ball Metaverse ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	METV	999
MEXX	EQUI	DIREXION DAILY MSCI MEXICO BULL 3X SHARES	Yes	Yes	0.00	0.00	1	3.00	Yes	No	MEXX	999
MEXX	OPTN	DIREXION DAILY MSCI MEXICO BULL 3X SHARES	Yes	Yes	25.00	37.50	100	3.00	Yes	No	MEXX	999
MFA	EQUI	MFA Financial Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	MFA	999
MFA	OPTN	MFA Financial Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	MFA	999
MFC	EQUI	MANULIFE FINL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	MFC	999
MFC	OPTN	MANULIFE FINANCIAL CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	MFC	999
MFG	EQUI	MIZUHO FINL GROUP INCSPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	MFG	999
MFG	OPTN	Mizuho Financial Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MFG	999
MFIC	EQUI	MidCap Financial Investment Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	MFIC	999
MFIC	OPTN	MidCap Financial Investment Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	MFIC	999
MFIN	EQUI	MEDALLION FINL CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MFIN	999
MFIN	OPTN	Medallion Financial Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	MFIN	999
MG	EQUI	MISTRAS GROUP INC	Yes	Yes	0.00	0.00	1	1.00	No	No	MG	999
MG	OPTN	Mistras Group Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	MG	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
MGA	EQUI	MAGNA INTL INC	Yes	Yes	0.00	0.00	1	1.00	No	No	MGA	999
MGA	OPTN	Magna International Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MGA	999
MGC	EQUI	Vanguard Mega Cap ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MGC	999
MGC	OPTN	Vanguard Mega Cap ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MGC	999
MGEE	EQUI	MGE ENERGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MGEE	999
MGEE	OPTN	MGE Energy, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MGEE	999
MGIC	EQUI	MAGIC SOFTWARE ENTERPRISES LORD	Yes	Yes	0.00	0.00	1	1.00	No	No	MGIC	999
MGIC	OPTN	Magic Software Enterprises Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	MGIC	999
MGK	EQUI	Vanguard Mega Cap Growth ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MGK	999
MGK	OPTN	Vanguard Mega Cap Growth ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MGK	999
MGM	EQUI	MGM Resorts International	Yes	Yes	0.00	0.00	1	1.00	No	No	MGM	999
MGM	OPTN	MGM Resorts International	Yes	Yes	25.00	37.50	100	1.00	No	No	MGM	999
MGNI	EQUI	Magnite, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	MGNI	999
MGNI	OPTN	Magnite, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MGNI	999
1MGNI	OPTN	Magnite, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MGNI	999
MGNX	EQUI	MACROGENICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MGNX	999
MGNX	OPTN	MacroGenics Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	MGNX	999
MGPI	EQUI	MGP INGREDIENTS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MGPI	999
MGPI	OPTN	MGP INGREDIENTS, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	MGPI	999
MGRC	EQUI	MCGRATH RENTCORP	Yes	Yes	0.00	0.00	1	1.00	No	No	MGRC	999
MGRC	OPTN	McGrath RentCorp	Yes	Yes	25.00	37.50	100	1.00	No	No	MGRC	999
MGTX	EQUI	MEIRAGTX HOLDINGS PLCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MGTX	999
MGTX	OPTN	MEIRAGTX HOLDINGS PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	MGTX	999
MGV	EQUI	Vanguard Mega Cap Value ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MGV	999
MGV	OPTN	Vanguard Mega Cap Value ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MGV	999
MGY	EQUI	Magnolia Oil and Gas Corp	Yes	Yes	0.00	0.00	1	1.00	No	No	MGY	999
MGY	OPTN	Magnolia Oil Gas Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	MGY	999
MHK	EQUI	MOHAWK INDS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	MHK	999
MHK	OPTN	MOHAWK INDUSTRIES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MHK	999
2MHK	OPTN	MOHAWK INDUSTRIES, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MHK	999
MHLD	EQUI	MAIDEN HOLDINGS LTDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	MHLD	999
MHLD	OPTN	MAIDEN HOLDINGS LTDSHS	Yes	Yes	25.00	37.50	100	1.00	No	No	MHLD	999
MHO	EQUI	M/I HOMES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MHO	999
MHO	OPTN	M/I Homes Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	MHO	999
MIDD	EQUI	MIDDLEBY CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	MIDD	999
MIDD	OPTN	The Middleby Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	MIDD	999
1MIDD	OPTN	The Middleby Corporation (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MIDD	999
2MIDD	OPTN	The Middleby Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MIDD	999
MILN	EQUI	GLOBAL X FDSMILLENNIAL CONSU	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MILN	999
MILN	OPTN	GLOBAL X MILLENNIAL CONSUMER ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MILN	999
MINT	EQUI	PIMCO ETF TRENHAN SHRT MA AC	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MINT	999
MINT	OPTN	PIMCO ENHANCED SHORT MATURITY ACTIVE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MINT	999
MIR	EQUI	Mirion Technologies, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	MIR	999
MIR	OPTN	Mirion Technologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MIR	999
MIRM	EQUI	MIRUM PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MIRM	999
MIRM	OPTN	MIRUM PHARMACEUTICALS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MIRM	999
1MIRM	OPTN	MIRUM PHARMACEUTICALS, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MIRM	999
MISL	EQUI	FIRST TR EXCHANGE-TRADED FDINDXX AEROSPACE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MISL	999
MISL	OPTN	FIRST TRUST INDXX AEROSPACE & DEFENSE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MISL	999
MIST	EQUI	MILESTONE PHARMACEUTICALS INCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MIST	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
MIST	OPTN	MILESTONE PHARMACEUTICALS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MIST	999
MITK	EQUI	MITEK SYS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	MITK	999
MITK	OPTN	Mitek Systems, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MITK	999
2MITK	OPTN	Mitek Systems, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MITK	999
MITT	EQUI	AG MTG INVT TR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MITT	999
MITT	OPTN	AG Mortgage Investment Trust Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	MITT	999
MJ	EQUI	Amplify Alternative Harvest ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MJ	999
MJ	OPTN	Amplify Alternative Harvest ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MJ	999
MJ1	OPTN	Amplify Alternative Harvest ETF (1:12 R Split)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MJ	999
MKC	EQUI	MCCORMICK & CO INC	Yes	Yes	0.00	0.00	1	1.00	No	No	MKC	999
MKC	OPTN	MCCORMICK AND COMPANY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MKC	999
2MKC	OPTN	MCCORMICK AND COMPANY, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MKC	999
MKFG	EQUI	Markforged Holding Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	MKFG	999
MKFG	OPTN	Markforged Holding Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	MKFG	999
MKFGW	WARR	Markforged Holding Corporation (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	MKFG	999
MKL	EQUI	Markel Group Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	MKL	999
MKL	OPTN	Markel Group Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MKL	999
MKSI	EQUI	MKS INSTRUMENT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MKSI	999
MKSI	OPTN	MKS INSTRUMENTS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MKSI	999
2MKSI	OPTN	MKS INSTRUMENTS, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MKSI	999
MKTW	EQUI	MarketWise, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	MKTW	999
MKTW	OPTN	MARKETWISE, INC. CLASS A COMMON STOCK	Yes	Yes	25.00	37.50	100	1.00	No	No	MKTW	999
MKTW1	OPTN	MARKETWISE, INC. CLASS A COMMON STOCK (1:20 Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	MKTW	999
MKTX	EQUI	MARKETAXESS HLDGS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	MKTX	999
MKTX	OPTN	MarketAxess Holdings Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	MKTX	999
ML	EQUI	MoneyLion Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	ML	999
ML	OPTN	MONEYLION INC CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	ML	999
MLWS	WARR	MoneyLion Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	ML	999
MLCO	EQUI	Melco Resorts & Entertainment Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	MLCO	999
MLCO	OPTN	MELCO RESORTS & ENTERTAINMENT LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	MLCO	999
MLGO	EQUI	MICROALGO INCORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	MLGO	999
MLGO	OPTN	MICROALGO, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	MLGO	999
MLI	EQUI	MUELLER INDS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	MLI	999
MLI	OPTN	Mueller Industries Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	MLI	999
MLKN	EQUI	MillerKnoll, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	MLKN	999
MLKN	OPTN	MillerKnoll, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MLKN	999
MLM	EQUI	MARTIN MARIETTA MATLS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	MLM	999
MLM	OPTN	MARTIN MARIETTA MATERIALS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	MLM	999
MLNK	EQUI	MERIDIANLINK INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	MLNK	999
MLNK	OPTN	MERIDIANLINK, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MLNK	999
MLPA	EQUI	GLOBAL X FDSGLBL X MLP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MLPA	999
MLPA	OPTN	Global X MLP ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MLPA	999
MLPR	EQUI	UBS AG LONDON BRANCHETRACS LKD ETN	Yes	No	0.00		1	1.50	No	Yes	MLPR	999
MLPX	EQUI	GLOBAL X FDSGLB X MLP ENRG I	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MLPX	999
MLPX	OPTN	Global X MLP & Energy Infrastructure ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MLPX	999
2MLPX	OPTN	Global X MLP & Energy Infrastructure E (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MLPX	999
MLR	EQUI	MILLER INDS INC TENNCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	MLR	999
MLR	OPTN	Miller Industries Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	MLR	999
MLSS	EQUI	MILESTONE SCIENTIFIC INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	MLSS	999
MLSS	OPTN	MILESTONE SCIENTIFIC, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	MLSS	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
MLTX	EQUI	MOONLAKE IMMUNOTHERAPEUTICSCLASS A ORD	Yes	Yes	0.00	0.00	1	1.00	No	No	MLTX	999
MLTX	OPTN	MOONLAKE IMMUNOTHERAPEUTICS CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	MLTX	999
1MLTX	OPTN	MOONLAKE IMMUNOTHERAPEUTICS CLASS A (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MLTX	999
MLYS	EQUI	MINERALYS THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MLYS	999
MLYS	OPTN	MINERALYS THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MLYS	999
MMATQ	EQUI	Meta Materials Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	MMAT	999
MMAT1	OPTN	Meta Materials Inc. (1:100 Rev Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	MMAT	999
MMC	EQUI	Marsh & McLennan Companies Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	MMC	999
MMC	OPTN	Marsh & McLennan Companies Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MMC	999
2MMC	OPTN	Marsh & McLennan Companies Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MMC	999
MMI	EQUI	MARCUS & MILLICHAP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MMI	999
MMI	OPTN	Marcus & Millichap Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	MMI	999
MMLG	EQUI	FIRST TR EXCHNG TRADED FD VIMLT MNGD LRG GRW	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MMLG	999
MMLP	EQUI	MARTIN MIDSTREAM PRTNRS L PUNIT L P INT	Yes	Yes	0.00	0.00	1	1.00	No	No	MMLP	999
MMLP	OPTN	MARTIN MIDSTREAM PARTNERS LP	Yes	Yes	25.00	37.50	100	1.00	No	No	MMLP	999
MMM	EQUI	3M COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MMM	999
MMM	OPTN	3M	Yes	Yes	25.00	37.50	100	1.00	No	No	MMM	999
MMM1	OPTN	3M (Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	MMM	999
2MMM	OPTN	3M (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MMM	999
MMS	EQUI	MAXIMUS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	MMS	999
MMS	OPTN	MAXIMUS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MMS	999
MMSC	EQUI	FIRST TR EXCHNG TRADED FD VIMULTI MGR SML CP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MMSC	999
MMSI	EQUI	MERIT MED SYS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	MMSI	999
MMSI	OPTN	MERIT MEDICAL SYSTEMS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	MMSI	999
MMTM	EQUI	SPDR SER TRS&P1500MOMTILT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MMTM	999
MMTM	OPTN	SPDR S&P 1500 MOMENTUM TILT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MMTM	999
MMYT	EQUI	MAKEMYTRIP LIMITED MAURITIUSSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	MMYT	999
MMYT	OPTN	MakeMyTrip Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	MMYT	999
MNA	EQUI	NYLI Merger Arbitrage ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MNA	999
MNA	OPTN	NYLI Merger Arbitrage ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MNA	999
MNDO	EQUI	MIND C T I LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	MNDO	999
MNDO	OPTN	MIND C.T.I. LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	MNDO	999
MNDY	EQUI	MONDAY COM LTDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	MNDY	999
MNDY	OPTN	MONDAY.COM LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	MNDY	999
MNKD	EQUI	MANNKIND CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MNKD	999
MNKD	OPTN	MANNKIND CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	MNKD	999
MNMD	EQUI	Mind Medicine (MindMed) Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	MNMD	999
MNMD	OPTN	Mind Medicine (MindMed) Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MNMD	999
MNOV	EQUI	MEDICINOVA INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	MNOV	999
MNOV	OPTN	MediciNova, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MNOV	999
MNRO	EQUI	Monro, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	MNRO	999
MNRO	OPTN	Morno, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MNRO	999
MNRS	EQUI	GRAYSCALE FUNDS TRUSTBITCOIN MINERS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MNRS	999
MNRS	OPTN	GRAYSCALE BITCOIN MINERS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MNRS	999
MNSO	EQUI	MINISO GROUP HLDG LTDSPPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	MNSO	999
MNSO	OPTN	MINISO GROUP HOLDING LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	MNSO	999
MNST	EQUI	Monster Beverage Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	MNST	999
MNST	OPTN	Monster Beverage Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	MNST	999
2MNST	OPTN	Monster Beverage Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MNST	999
MNTK	EQUI	MONTAUK RENEWABLES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MNTK	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
MNTK	OPTN	MONTAUK RENEWABLES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MNTK	999
MNTS	EQUI	Momentum Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	MNTS	999
MNTSW	WARR	Momentum Inc (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	MNTS	999
MNY	EQUI	MoneyHero Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	MNY	999
MNY	OPTN	MoneyHero Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	MNY	999
MNYWW	WARR	MoneyHero Limited (WARRANT)	Yes	Yes	0.25	0.375	1	1.00	No	No	MNY	999
MO	EQUI	ALTRIA GROUP, INC.	Yes	Yes	0.00	0.00	1	1.00	No	No	MO	999
MO	OPTN	ALTRIA GROUP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MO	999
2MO	OPTN	ALTRIA GROUP, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MO	999
MOAT	EQUI	VanEck Morningstar Wide Moat ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MOAT	999
MOAT	OPTN	VanEck Morningstar Wide Moat ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MOAT	999
MOD	EQUI	MODINE MFG COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MOD	999
MOD	OPTN	Modine Manufacturing Company	Yes	Yes	25.00	37.50	100	1.00	No	No	MOD	999
MODG	EQUI	Topgolf Callaway Brands Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	MODG	999
MODG	OPTN	Topgolf Callaway Brands Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	MODG	999
MODV	EQUI	ModivCare Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	MODV	999
MODV	OPTN	ModivCare Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MODV	999
MOFG	EQUI	MIDWESTONE FINL GROUP INC NECOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MOFG	999
MOFG	OPTN	MIDWESTONE FINANCIAL GROUP	Yes	Yes	25.00	37.50	100	1.00	No	No	MOFG	999
MOGA	EQUI	Moog Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	MOGA	999
MOGA	OPTN	Moog Inc. (Class A)	Yes	Yes	25.00	37.50	100	1.00	No	No	MOGA	999
MOGO	EQUI	Mogo Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	MOGO	999
MOGO	OPTN	MOGO INC	Yes	Yes	25.00	37.50	100	1.00	No	No	MOGO	999
MOH	EQUI	MOLINA HEALTHCARE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MOH	999
MOH	OPTN	MOLINA HEALTHCARE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	MOH	999
MOMO	EQUI	Hello Group Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	MOMO	999
MOMO	OPTN	Hello Group Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MOMO	999
MOO	EQUI	VanEck Agribusiness ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MOO	999
MOO	OPTN	VanEck Agribusiness ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MOO	999
2MOO	OPTN	VanEck Agribusiness ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MOO	999
MOON	EQUI	DIREXION SHS ETF TRMOONSHOT INNOVAT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MOON	999
MOR	OPTN	MORPHOSYS AG SPONSORED ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	MOR	999
MORF	OPTN	MORPHIC HOLDINGS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	MORF	999
MORN	EQUI	MORNINGSTAR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MORN	999
MORN	OPTN	MORNINGSSTAR INC	Yes	Yes	25.00	37.50	100	1.00	No	No	MORN	999
MORT	EQUI	VanEck Mortgage REIT Income ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MORT	999
MORT	OPTN	VanEck Mortgage REIT Income ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MORT	999
MOS	EQUI	The Mosaic Company (HOLDING COMPANY)	Yes	Yes	0.00	0.00	1	1.00	No	No	MOS	999
MOS	OPTN	The Mosaic Company (HOLDING COMPANY)	Yes	Yes	25.00	37.50	100	1.00	No	No	MOS	999
2MOS	OPTN	The Mosaic Company (HOLDING COMPANY) (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MOS	999
MOV	EQUI	MOVADO GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MOV	999
MOV	OPTN	Movado Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MOV	999
MP	EQUI	MP Materials Corporation Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	MP	999
MP	OPTN	MP Materials Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	MP	999
2MP	OPTN	MP Materials Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MP	999
MPAA	EQUI	MOTORCAR PTS AMER INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MPAA	999
MPAA	OPTN	Motorcar Parts of America Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MPAA	999
MPB	EQUI	MID PENN BANCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MPB	999
MPB	OPTN	MID PENN BANCORP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MPB	999
MPC	EQUI	MARATHON PETE CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MPC	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
MPC	OPTN	Marathon Petroleum Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	MPC	999
2MPC	OPTN	Marathon Petroleum Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MPC	999
MPLX	EQUI	MPLX LPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MPLX	999
MPLX	OPTN	MPLX LP	Yes	Yes	25.00	37.50	100	1.00	No	No	MPLX	999
MPW	EQUI	MEDICAL PPTYS TRUST INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MPW	999
MPW	OPTN	Medical Properties Trust Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	MPW	999
MPWR	EQUI	MONOLITHIC PWR SYS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MPWR	999
MPWR	OPTN	Monolithic Power Systems Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	MPWR	999
MPX	EQUI	MARINE PRODS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MPX	999
MPX	OPTN	Marine Products	Yes	Yes	25.00	37.50	100	1.00	No	No	MPX	999
MQ	EQUI	MARQETA INCCLASS A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	MQ	999
MQ	OPTN	MARQETA, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	MQ	999
MQQQ	EQUI	INVESTMENT MANAGERS SER TR ITRADR 2X LONG TR	Yes	Yes	0.00	0.00	1	2.00	Yes	No	MQQQ	999
MQQQ	OPTN	TRADR 2X LONG TRIPLE Q MONTHLY ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	MQQQ	999
MRAM	EQUI	EVERSPIN TECHNOLOGIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MRAM	999
MRAM	OPTN	EVERSPIN TECHNOLOGIES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MRAM	999
MRC	EQUI	MRC GLOBAL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MRC	999
MRC	OPTN	MRC Global Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MRC	999
MRCC	EQUI	MONROE CAP CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MRCC	999
MRCC	OPTN	Monroe Capital Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	MRCC	999
MRCY	EQUI	Mercury Systems Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	MRCY	999
MRCY	OPTN	Mercury Systems Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	MRCY	999
MREO	EQUI	MEREO BIOPHARMA GROUP PLCADS	Yes	Yes	0.00	0.00	1	1.00	No	No	MREO	999
MREO	OPTN	MEREO BIOPHARMA GROUP PLC SPONSORED ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	MREO	999
MRK	EQUI	MERCK & CO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MRK	999
MRK	OPTN	MERCK & CO	Yes	Yes	25.00	37.50	100	1.00	No	No	MRK	999
2MRK	OPTN	MERCK & CO (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MRK	999
MRNA	EQUI	MODERNA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MRNA	999
MRNA	OPTN	MODERNA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MRNA	999
2MRNA	OPTN	MODERNA, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MRNA	999
MRNY	EQUI	TIDAL ETF TR IYIELDMAX MRNA OP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MRNY	999
MRNY	OPTN	YIELDMAX MRNA OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MRNY	999
MRP	EQUI	Millrose Properties, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	MRP	999
MRP	OPTN	MILLROSE PROPERTIES INC CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	MRP	999
MRSN	EQUI	MERSANA THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MRSN	999
MRSN	OPTN	MERSANA THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MRSN	999
MRTN	EQUI	MARTEN TRANS LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	MRTN	999
MRTN	OPTN	Marten Transport, Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	MRTN	999
MRUS	EQUI	MERUS N VCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MRUS	999
MRUS	OPTN	MERUS N.V.	Yes	Yes	25.00	37.50	100	1.00	No	No	MRUS	999
MRVI	EQUI	MARAVAI LIFESCIENCES HLDGS ICOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	MRVI	999
MRVI	OPTN	Maravai LifeSciences Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MRVI	999
1MRVI	OPTN	Maravai LifeSciences Holdings, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MRVI	999
MRVL	EQUI	Marvell Technology, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	MRVL	999
MRVL	OPTN	Marvell Technology, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MRVL	999
1MRVL	OPTN	Marvell Technology, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MRVL	999
2MRVL	OPTN	Marvell Technology, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MRVL	999
MRX	EQUI	MAREX GROUP PLCORD	Yes	Yes	0.00	0.00	1	1.00	No	No	MRX	999
MRX	OPTN	MAREX GROUP PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	MRX	999
MS	EQUI	MORGAN STANLEYCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	MS	999



**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
MS	OPTN	MORGAN STANLEY	Yes	Yes	25.00	37.50	100	1.00	No	No	MS	999
2MS	OPTN	MORGAN STANLEY (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MS	999
MSA	EQUI	MSA Safety Incorporated	Yes	Yes	0.00	0.00	1	1.00	No	No	MSA	999
MSA	OPTN	MSA Safety Incorporated	Yes	Yes	25.00	37.50	100	1.00	No	No	MSA	999
MSB	EQUI	MESABI TRCTF BEN INT	Yes	Yes	0.00	0.00	1	1.00	No	No	MSB	999
MSB	OPTN	Mesabi Trust	Yes	Yes	25.00	37.50	100	1.00	No	No	MSB	999
MSBI	EQUI	MIDLAND STATES BANCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MSBI	999
MSBI	OPTN	MIDLAND STATES BANCORP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MSBI	999
MSCI	EQUI	MSCI INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	MSCI	999
MSCI	OPTN	MSCI Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	MSCI	999
2MSCI	OPTN	MSCI Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MSCI	999
MSDL	EQUI	MORGAN STANLEY DIRECT LENDINCOM SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	MSDL	999
MSDL	OPTN	MORGAN STANLEY DIRECT LENDING FUND	Yes	Yes	25.00	37.50	100	1.00	No	No	MSDL	999
MSEX	EQUI	MIDDLESEX WATER CO	Yes	Yes	0.00	0.00	1	1.00	No	No	MSEX	999
MSEX	OPTN	Middlesex Water Co	Yes	Yes	25.00	37.50	100	1.00	No	No	MSEX	999
MSFD	EQUI	DIREXION SHS ETF TRDAILY MSFT BR 1X	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	MSFD	999
MSFD	OPTN	DIREXION DAILY MSFT BEAR 1X SHARES ETF	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	MSFD	999
MSFL	EQUI	GRANITESHARES ETF TRGRANITESHARES 2X	Yes	Yes	0.00	0.00	1	2.00	Yes	No	MSFL	999
MSFL	OPTN	GRANITESHARES 2X LONG MSFT DAILY ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	MSFL	999
MSFO	EQUI	TIDAL ETF TR IYIELDMAX MSFT OP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MSFO	999
MSFO	OPTN	YIELDMAX MSFT OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MSFO	999
MSFT	EQUI	MICROSOFT CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	MSFT	999
MSFT	OPTN	MICROSOFT CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	MSFT	999
1MSFT	OPTN	MICROSOFT CORPORATION (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MSFT	999
2MSFT	OPTN	Microsoft Corp. (Euro Flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	MSFT	999
MSFU	EQUI	Direxion Daily MSFT Bull 2X Shares	Yes	Yes	0.00	0.00	1	2.00	Yes	No	MSFU	999
MSFU	OPTN	Direxion Daily MSFT Bull 2X Shares	Yes	Yes	25.00	37.50	100	2.00	Yes	No	MSFU	999
MSFX	EQUI	T-REX 2X LONG MICROSOFT DAILY TARGET	Yes	Yes	0.00	0.00	1	2.00	Yes	No	MSFX	999
MSFX	OPTN	T-REX 2X LONG MICROSOFT DAILY TARGET	Yes	Yes	25.00	37.50	100	2.00	Yes	No	MSFX	999
MSFY	EQUI	KURV YIELD PREMIUM STRATEGY MICROSOFT MSFT ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MSFY	999
MSFY	OPTN	KURV YIELD PREMIUM STRATEGY MICROSOFT MSFT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MSFY	999
MSGE	EQUI	Madison Square Garden Entertainment Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	MSGE	999
MSGE	OPTN	MADISON SQUARE GARDEN ENTERTAINMENT CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	MSGE	999
MSGGS	EQUI	Madison Square Garden Sports Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	MSGGS	999
MSGGS	OPTN	Madison Square Garden Sports Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	MSGGS	999
MSI	EQUI	Motorola Solutions Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	MSI	999
MSI	OPTN	Motorola Solutions Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MSI	999
2MSI	OPTN	Motorola Solutions Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MSI	999
MSM	EQUI	MSC INDL DIRECT INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	MSM	999
MSM	OPTN	MSC Industrial Direct Co, Inc. - Class A	Yes	Yes	25.00	37.50	100	1.00	No	No	MSM	999
MSOS	EQUI	ADVISORSHARES TRPURE US CANNABIS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MSOS	999
MSOX	EQUI	AdvisorShares MSOS Daily Leveraged ETF	Yes	Yes	0.00	0.00	1	2.00	Yes	No	MSOS	999
MSOS	OPTN	ADVISOR SHARES PURE US CANNABIS	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MSOS	999
MSOX	OPTN	AdvisorShares MSOS Daily Leveraged ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	MSOS	999
MSOX1	OPTN	AdvisorShares MSOS Daily Leveraged ETF (1:20)	Yes	Yes	25.00	37.50	100	2.00	Yes	No	MSOS	999
MSTR	EQUI	MICROSTRATEGY INCCL A NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	MSTR	999
MSTR	OPTN	MICROSTRATEGY	Yes	Yes	25.00	37.50	100	1.00	No	No	MSTR	999
2MSTR	OPTN	MICROSTRATEGY (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MSTR	999
MSTU	EQUI	ETF OPPORTUNITIES TRUSTT REX 2X LONG MS	Yes	Yes	0.00	0.00	1	2.00	Yes	No	MSTU	999
MSTU	OPTN	T-REX 2X LONG MSTR DAILY TARGET	Yes	Yes	25.00	37.50	100	2.00	Yes	No	MSTU	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
MSTX	EQUI	Tidal Trust II Defiance Daily Target 2x Long MSTR	Yes	Yes	0.00	0.00	1	2.00	Yes	No	MSTX	999
MSTX	OPTN	Tidal Trust II Defiance Daily Target 2x Long MSTR	Yes	Yes	25.00	37.50	100	2.00	Yes	No	MSTX	999
MSTX1	OPTN	Defiance Daily Target 2x Long MSTR ETF (Cash Dist)	Yes	Yes	25.00	37.50	100	2.00	Yes	No	MSTX	999
MSTY	EQUI	TIDAL TR IYIELDMAX MSTR OP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MSTY	999
MSTY	OPTN	YIELDMAX MSTR OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MSTY	999
MSTZ	EQUI	ETF OPPORTUNITIES TRUSTT REX 2X INVERSE	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	MSTZ	999
MSTZ	OPTN	T-REX 2X INVERSE MSTR DAILY TARGET	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	MSTZ	999
MSTZ1	OPTN	T-REX 2X INVERSE MSTR DAILY TARGET(1:20 Rev Split)	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	MSTZ	999
MT	EQUI	ARCELORMITTALNY REGISTRY SH	Yes	Yes	0.00	0.00	1	1.00	No	No	MT	999
MT	OPTN	Arcelor Mittal	Yes	Yes	25.00	37.50	100	1.00	No	No	MT	999
MTA	EQUI	METALLA RTY & STREAMING LTDCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	MTA	999
MTA	OPTN	METALLA ROYALTY & STREAMING LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	MTA	999
MTB	EQUI	M & T BK CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	MTB	999
MTB	OPTN	M & T BANK CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	MTB	999
2MTB	OPTN	M & T BANK CORP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MTB	999
MTBA	EQUI	SIMPLIFY EXCHANGE TRADED FUNMBS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MTBA	999
MTBA	OPTN	SIMPLIFY MBS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MTBA	999
MTCH	EQUI	Match Group, Inc. Common Stock	Yes	Yes	0.00	0.00	1	1.00	No	No	MTCH	999
MTCH	OPTN	Match Group Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	MTCH	999
MTD	EQUI	METTLER TOLEDO INTERNATIONAL	Yes	Yes	0.00	0.00	1	1.00	No	No	MTD	999
MTD	OPTN	METTLER-TOLEDO INTL. INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MTD	999
2MTD	OPTN	METTLER-TOLEDO INTL. INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MTD	999
MTDR	EQUI	MATADOR RES COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MTDR	999
MTDR	OPTN	Matador Resources Company	Yes	Yes	25.00	37.50	100	1.00	No	No	MTDR	999
2MTDR	OPTN	Matador Resources Company (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MTDR	999
MTG	EQUI	MGIC INVT CORP WIS	Yes	Yes	0.00	0.00	1	1.00	No	No	MTG	999
MTG	OPTN	MGIC INVESTMENT CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	MTG	999
MTH	EQUI	MERITAGE HOMES CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MTH	999
MTH	OPTN	MERITAGE HOMES CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	MTH	999
MTLS	EQUI	MATERIALISE NVSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	MTLS	999
MTLS	OPTN	MATERIALISE NV	Yes	Yes	25.00	37.50	100	1.00	No	No	MTLS	999
MTN	EQUI	VAIL RESORTS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	MTN	999
MTN	OPTN	Vail Resorts, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MTN	999
MTRN	EQUI	Materion Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	MTRN	999
MTRN	OPTN	Materion Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	MTRN	999
MTRX	EQUI	MATRIX SVC COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MTRX	999
MTRX	OPTN	Matrix Service Company	Yes	Yes	25.00	37.50	100	1.00	No	No	MTRX	999
MTSI	EQUI	MACOM Technology Solutions Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	MTSI	999
MTSI	OPTN	MACOM Technology Solutions Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MTSI	999
MTUL	EQUI	UBS AG LONDON BRANCHCAL LKD 51	Yes	No	0.00		1	2.00	No	Yes	MTUL	999
MTUM	EQUI	iShares MSCI USA Momentum Factor ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MTUM	999
MTUM	OPTN	iShares MSCI USA Momentum Factor ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MTUM	999
MTUS	EQUI	Metallus Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	MTUS	999
MTUS	OPTN	Metallus Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MTUS	999
MTW	EQUI	THE MAINTOWOC COMPANY, INC	Yes	Yes	0.00	0.00	1	1.00	No	No	MTW	999
MTW	OPTN	THE MANITOWOC COMPANY, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	MTW	999
MTX	EQUI	MINERALS TECHNOLOGIES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	MTX	999
MTX	OPTN	Minerals Technologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MTX	999
MTZ	EQUI	MASTEC INC	Yes	Yes	0.00	0.00	1	1.00	No	No	MTZ	999
MTZ	OPTN	MASTEC INC	Yes	Yes	25.00	37.50	100	1.00	No	No	MTZ	999

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Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
MU	EQUI	MICRON TECHNOLOGY INC	Yes	Yes	0.00	0.00	1	1.00	No	No	MU	999
MU	OPTN	MICRON TECH	Yes	Yes	25.00	37.50	100	1.00	No	No	MU	999
2MU	OPTN	MICRON TECH (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	MU	999
MUFG	EQUI	Mitsubishi UFJ Financial Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	MUFG	999
MUFG	OPTN	Mitsubishi UFJ Financial Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MUFG	999
MULL	EQUI	GRANITESHARES ETF TR2X LONG MU DAILY	Yes	Yes	0.00	0.00	1	2.00	Yes	No	MULL	999
MULL	OPTN	GRANITESHARES 2X LONG MU DAILY ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	MULL	999
MULN	EQUI	MULLEN AUTOMOTIVE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MULN	999
MULN1	OPTN	MULLEN AUTOMOTIVE, INC. (1:25 Rev Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	MULN	999
MUR	EQUI	MURPHY OIL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	MUR	999
MUR	OPTN	MURPHY OIL CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	MUR	999
MURA	EQUI	MURAL ONCOLOGY PUB LTD COORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	MURA	999
MURA	OPTN	MURAL ONCOLOGY PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	MURA	999
MUSA	EQUI	MURPHY USA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MUSA	999
MUSA	OPTN	Murphy USA Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MUSA	999
MUX	EQUI	McEwen Mining Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	MUX	999
MUX	OPTN	McEwen Mining Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MUX	999
MVBF	EQUI	MVB Financial Corp	Yes	Yes	0.00	0.00	1	1.00	No	No	MVBF	999
MVBF	OPTN	MVB FINANCIAL CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	MVBF	999
MVIS	EQUI	MICROVISION INC DELCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MVIS	999
MVIS	OPTN	Microvision, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MVIS	999
MVO	EQUI	MV OIL TRTR UNITS	Yes	Yes	0.00	0.00	1	1.00	No	No	MVO	999
MVO	OPTN	MV Oil Trust	Yes	Yes	25.00	37.50	100	1.00	No	No	MVO	999
MVPS	EQUI	AMPLIFY ETF TRTHEMATIC ALL STR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MVPS	999
MVRL	EQUI	UBS AG LONDON BRANCHETRACS LKD 50	Yes	No	0.00		1	1.50	No	Yes	MVRL	999
MVST	EQUI	Microvast Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	MVST	999
MVST	OPTN	Microvast Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MVST	999
MVSTW	WARR	Microvast Holdings Inc (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	MVST	999
MWA	EQUI	MUELLER WTR PRODS INCCOM SER A	Yes	Yes	0.00	0.00	1	1.00	No	No	MWA	999
MWA	OPTN	Mueller Water Products, Inc., Cl. A	Yes	Yes	25.00	37.50	100	1.00	No	No	MWA	999
MX	EQUI	Magnachip Semiconductor Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	MX	999
MX	OPTN	Magnachip Semiconductor Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	MX	999
MXCT	EQUI	MAXCYTE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MXCT	999
MXCT	OPTN	MAXCYTE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MXCT	999
MXI	EQUI	iShares Global Materials ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	MXI	999
MXI	OPTN	iShares Global Materials ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	MXI	999
MXL	EQUI	MAXLINEAR INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	MXL	999
MXL	OPTN	Maxlinear Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MXL	999
MYE	EQUI	MYERS INDS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MYE	999
MYE	OPTN	Myers Industries, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MYE	999
MYGN	EQUI	MYRIAD GENETICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MYGN	999
MYGN	OPTN	MYRIAD GENETICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	MYGN	999
MYO	EQUI	MYOMO INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	MYO	999
MYO	OPTN	MYOMO, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	MYO	999
MYPS	EQUI	PLAYSTUDIOS, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	MYPS	999
MYPS	OPTN	PLAYSTUDIOS, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MYPS	999
MYPSW	WARR	PLAYSTUDIOS, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	MYPS	999
MYRG	EQUI	MYR GROUP INC DELCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	MYRG	999
MYRG	OPTN	MYR Group Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	MYRG	999
MYTE	EQUI	MYT NETHERLANDS PARENT B VADS	Yes	Yes	0.00	0.00	1	1.00	No	No	MYTE	999

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MYTE	OPTN	MYT NETHERLANDS PARENT BV	Yes	Yes	25.00	37.50	100	1.00	No	No	MYTE	999
NA	EQUI	NANO LABS LTDSHS NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	NA	999
NA	OPTN	NANO LABS LTD. CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	NA	999
NABL	EQUI	N-ABLE INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	NABL	999
NABL	OPTN	N-ABLE, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	NABL	999
NAGE	EQUI	Niagen Bioscience, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NAGE	999
NAGE	OPTN	Niagen Bioscience, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NAGE	999
NAK	EQUI	Northern Dynasty Minerals Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	NAK	999
NAK	OPTN	Northern Dynasty Minerals Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	NAK	999
NAMS	EQUI	NEWAMSTERDAM PHARMA COMPANYORDINARY SHARES	Yes	Yes	0.00	0.00	1	1.00	No	No	NAMS	999
NAMS	OPTN	NEWAMSTERDAM PHARMA COMPANY N.V.	Yes	Yes	25.00	37.50	100	1.00	No	No	NAMS	999
NAMSW	WARR	NEWAMSTERDAM PHARMA COMPANY N.V. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	NAMS	999
NANC	EQUI	UNUSUAL WHALES SUBVERSIVE DEMOCRATIC TRADING	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NANC	999
NANC	OPTN	UNUSUAL WHALES SUBVERSIVE DEMOCRATIC TRADING	Yes	Yes	25.00	37.50	100	1.00	Yes	No	NANC	999
NANR	EQUI	SPDR S&P North American Natural Resources ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NANR	999
NANR	OPTN	SPDR S&P NORTH AMERICAN NATURAL RESOURCES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	NANR	999
NARI	OPTN	INARI MEDICAL INC	Yes	Yes	25.00	37.50	100	1.00	No	No	NARI	999
NAT	EQUI	Nordic American Tankers Ltd	Yes	Yes	0.00	0.00	1	1.00	No	No	NAT	999
NAT	OPTN	Nordic American Tankers Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	NAT	999
1NAT	OPTN	Nordic American Tankers Ltd (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NAT	999
NATL	EQUI	NCR Atleos Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	NATL	999
NATL	OPTN	NCR ATLEOS, LLC	Yes	Yes	25.00	37.50	100	1.00	No	No	NATL	999
NATR	EQUI	NATURES SUNSHINE PRODS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NATR	999
NATR	OPTN	NATURES SUNSHINE PRODUCTS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	NATR	999
NAUT	EQUI	Nautilus Biotechnology, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NAUT	999
NAUT	OPTN	Nautilus Biotechnology, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NAUT	999
NAVI	EQUI	NAVIENT CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NAVI	999
NAVI	OPTN	Navient Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	NAVI	999
1NAVI	OPTN	Navient Corporation (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NAVI	999
NB	EQUI	NIOCORP DEVS LTDCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	NB	999
NB	OPTN	NIOCORP DEVELOPMENTS LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	NB	999
NIOBW	WARR	NIOCORP DEVELOPMENTS LTD. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	NB	999
NBBK	EQUI	NB BANCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NBBK	999
NBBK	OPTN	NB BANCORP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	NBBK	999
NBHC	EQUI	National Bank Holdings Corp	Yes	Yes	0.00	0.00	1	1.00	No	No	NBHC	999
NBHC	OPTN	National Bank Holdings Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	NBHC	999
NBIS	EQUI	NEBIUS GROUP N.V.SHS CLASS A	Yes	Yes	0.00	0.00	1	1.00	No	No	NBIS	999
NBIS	OPTN	NEBIUS GROUP N.V.	Yes	Yes	25.00	37.50	100	1.00	No	No	NBIS	999
NBIX	EQUI	NEUROCRINE BIOSCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NBIX	999
NBIX	OPTN	NEUROCRINE BIOSCIENCES	Yes	Yes	25.00	37.50	100	1.00	No	No	NBIX	999
2NBIX	OPTN	NEUROCRINE BIOSCIENCES (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NBIX	999
NBR	EQUI	NABORS INDS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	NBR	999
NBR	OPTN	NABORS INDUSTRIES LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	NBR	999
NBRWF	WARR	NABORS INDUSTRIES LTD.(Warrant)	Yes	No	0.25		1	1.00	No	No	NBR	999
NBTB	EQUI	NBT BANCORP INC	Yes	Yes	0.00	0.00	1	1.00	No	No	NBTB	999
NBTB	OPTN	NBT Bancorp Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NBTB	999
NCLH	EQUI	NORWEGIAN CRUISE LINE HLDGSSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	NCLH	999
NCLH	OPTN	Norwegian Cruise Line Holding Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	NCLH	999
1NCLH	OPTN	Norwegian Cruise Line Holding Ltd (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NCLH	999
NCMI	EQUI	NATIONAL CINEMEDIA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NCMI	999

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NCMI	OPTN	National Cinedia Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	NCMI	999
NCNO	EQUI	NCINO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NCNO	999
NCNO	OPTN	NCINO, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	NCNO	999
NDAQ	EQUI	Nasdaq, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NDAQ	999
NDAQ	OPTN	Nasdaq, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NDAQ	999
2NDAQ	OPTN	Nasdaq, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NDAQ	999
NDLS	EQUI	NOODLES & COCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	NDLS	999
NDLS	OPTN	Noodles & Company	Yes	Yes	25.00	37.50	100	1.00	No	No	NDLS	999
NDSN	EQUI	NORDSON CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	NDSN	999
NDSN	OPTN	Nordson Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	NDSN	999
NE	EQUI	Noble Corporation plc	Yes	Yes	0.00	0.00	1	1.00	No	No	NE	999
NE	OPTN	Noble Corporation plc	Yes	Yes	25.00	37.50	100	1.00	No	No	NE	999
NE1	OPTN	DIAMOND OFFSHORE DRILLING INC (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	NE	999
NEAR	EQUI	iShares Short Duration Bond Active ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NEAR	999
NEAR	OPTN	iShares Short Duration Bond Active ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	NEAR	999
NECB	EQUI	NORTHEAST CMNTY BANCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NECB	999
NECB	OPTN	NORTHEAST COMMUNITY BANCORP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	NECB	999
NEE	EQUI	NextEra Energy, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NEE	999
NEE	OPTN	NextEra Energy, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NEE	999
1NEE	OPTN	NextEra Energy, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NEE	999
2NEE	OPTN	NextEra Energy, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NEE	999
NEGG	EQUI	NEWEGG COMMERCE INCCOMMON SHARES	Yes	Yes	0.00	0.00	1	1.00	No	No	NEGG	999
NEGG	OPTN	NEWEGG COMMERCE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	NEGG	999
NEM	EQUI	Newmont Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	NEM	999
NEM	OPTN	Newmont Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	NEM	999
2NEM	OPTN	Newmont Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NEM	999
NEO	EQUI	NEOGENOMICS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	NEO	999
NEO	OPTN	NeoGenomics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NEO	999
NEOG	EQUI	NEOGEN CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	NEOG	999
NEOG	OPTN	NEOGEN CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	NEOG	999
NEON	EQUI	NEONODE INCCOM PAR	Yes	Yes	0.00	0.00	1	1.00	No	No	NEON	999
NEON	OPTN	NEONODE INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	NEON	999
NERD	EQUI	Roundhill Video Games ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NERD	999
NERD	OPTN	Roundhill Video Games ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	NERD	999
NESR	EQUI	NATIONAL ENERGY SERVICES REUSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	NESR	999
NESRW	WARR	NATIONAL ENERGY SERVICES REUSHS (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	NESR	999
NET	EQUI	CLOUDFLARE INCCL A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	NET	999
NET	OPTN	CLOUDFLARE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	NET	999
2NET	OPTN	CLOUDFLARE, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NET	999
NETL	EQUI	ETF SER SOLUTIONSNETLEASE CORP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NETL	999
NETL	OPTN	NETLEASE CORPORATE REAL ESTATE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	NETL	999
PWRD	EQUI	TCW Transform Systems ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NETZ	999
PWRD	OPTN	TCW Transform Systems ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	NETZ	999
NEU	EQUI	NEWMARKET CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NEU	999
NEU	OPTN	NEWMARKET CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	NEU	999
NEWP	EQUI	NEW PAC METALS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NEWP	999
NEWP	OPTN	NEW PACIFIC METALS CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	NEWP	999
NEWT	EQUI	NewtekOne, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NEWT	999
NEWT	OPTN	NewtekOne, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NEWT	999
NEXA	EQUI	NEXA RES S ACOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NEXA	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
NEXA	OPTN	NEXA RESOURCES S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	NEXA	999
NEXN	EQUI	Nexxen International Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	NEXN	999
NEXN	OPTN	Nexxen International Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	NEXN	999
NEXT	EQUI	NEXTDECADE CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NEXT	999
NEXT	OPTN	NEXTDECADE CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	NEXT	999
NEXTW	WARR	NEXTDECADE CORP. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	NEXT	999
NFBK	EQUI	NORTHFIELD BANCORP INC NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NFBK	999
NFBK	OPTN	Northfield Bancorp, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NFBK	999
NFE	EQUI	New Fortress Energy Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NFE	999
NFE	OPTN	New Fortress Energy Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NFE	999
NFG	EQUI	NATIONAL FUEL GAS CO N J	Yes	Yes	0.00	0.00	1	1.00	No	No	NFG	999
NFG	OPTN	National Fuel Gas Company	Yes	Yes	25.00	37.50	100	1.00	No	No	NFG	999
NFGC	EQUI	NEW FOUND GOLD CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NFGC	999
NFGC	OPTN	NEW FOUND GOLD	Yes	Yes	25.00	37.50	100	1.00	No	No	NFGC	999
NFLP	EQUI	KURV YIELD PREMIUM STRATEGY NETFLIX NFLX ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NFLP	999
NFLP	OPTN	KURV YIELD PREMIUM STRATEGY NETFLIX NFLX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	NFLP	999
NFLU	EQUI	ETF OPPORTUNITIES TRUSTT REX 2X LNG NFL	Yes	Yes	0.00	0.00	1	2.00	Yes	No	NFLU	999
NFLU	OPTN	T-REX 2X LONG NFLX DAILY TARGET	Yes	Yes	25.00	37.50	100	2.00	Yes	No	NFLU	999
NFLX	EQUI	NETFLIX INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NFLX	999
NFLX	OPTN	NETFLIX INC	Yes	Yes	25.00	37.50	100	1.00	No	No	NFLX	999
1NFLX	OPTN	NETFLIX INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NFLX	999
2NFLX	OPTN	NETFLIX INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NFLX	999
NFLY	EQUI	TIDAL ETF TR IYIELDMAX NFLX	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NFLY	999
NFLY	OPTN	YIELDMAX NFLX OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	NFLY	999
NFRA	EQUI	FLEXSHARES TRSTOXX GLOBR INF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NFRA	999
NFRA	OPTN	FLEXSHARES STOXX GLOBAL BROAD INFRASTRUCTURE	Yes	Yes	25.00	37.50	100	1.00	Yes	No	NFRA	999
NFTY	EQUI	FIRST TR EXCH TRD ALPHDX FDINDIA NFTY50 EQW	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NFTY	999
NFTY	OPTN	FIRST TRUST INDIA NIFTY 50 EQUAL WEIGHT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	NFTY	999
NG	EQUI	NOVAGOLD RES INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	NG	999
NG	OPTN	NOVAGOLD RESOURCES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	NG	999
NGD	EQUI	New Gold Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NGD	999
NGD	OPTN	New Gold Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NGD	999
NGG	EQUI	NATIONAL GRID PLCSPON ADR NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	NGG	999
NGG	OPTN	National Grid PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	NGG	999
2NGG	OPTN	National Grid PLC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NGG	999
NGL	EQUI	NGL ENERGY PARTNERS LPCOM UNIT REPST	Yes	Yes	0.00	0.00	1	1.00	No	No	NGL	999
NGL	OPTN	NGL Energy Partners LP	Yes	Yes	25.00	37.50	100	1.00	No	No	NGL	999
NGNE	EQUI	Neurogene Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NGNE	999
NGNE	OPTN	NEUROGENE INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	NGNE	999
NGS	EQUI	NATURAL GAS SERVICES GROUPECOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NGS	999
NGS	OPTN	Natural Gas Services Group	Yes	Yes	25.00	37.50	100	1.00	No	No	NGS	999
NGVC	EQUI	NATURAL GROCERS BY VITAMIN CCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NGVC	999
NGVC	OPTN	Natural Grocers by Vitamin Cottage, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NGVC	999
NGVT	EQUI	INGEVITY CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NGVT	999
NGVT	OPTN	Ingevity Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	NGVT	999
NHC	EQUI	NATIONAL HEALTHCARE CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NHC	999
NHC	OPTN	National Healthcare Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	NHC	999
NHI	EQUI	NATIONAL HEALTH INVS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	NHI	999
NHI	OPTN	National Health Investors Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	NHI	999
NHTC	EQUI	NATURAL HEALTH TRENDS CORPCOM PAR	Yes	Yes	0.00	0.00	1	1.00	No	No	NHTC	999

## RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
NHTC	OPTN	Natural Health Trends Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	NHTC	999
NI	EQUI	NISOURCE, INC.	Yes	Yes	0.00	0.00	1	1.00	No	No	NI	999
NI	OPTN	NISOURCE, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	NI	999
2NI	OPTN	NISOURCE, INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NI	999
NIC	EQUI	NICOLET BANKSHARES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NIC	999
NIC	OPTN	Nicolet Bankshares, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NIC	999
NICE	EQUI	NICE Ltd American Depositary Shares	Yes	Yes	0.00	0.00	1	1.00	No	No	NICE	999
NICE	OPTN	NICE Ltd American Depositary Shares	Yes	Yes	25.00	37.50	100	1.00	No	No	NICE	999
2NICE	OPTN	NICE Ltd American Depositary Shares (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NICE	999
NIHD	OPTN	Nii Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NIHD	999
NINE	EQUI	NINE ENERGY SVC INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NINE	999
NINE	OPTN	NINE ENERGY SERVICE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	NINE	999
NIO	EQUI	NIO INC	Yes	Yes	0.00	0.00	1	1.00	No	No	NIO	999
NIO	OPTN	NIO Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	NIO	999
1NIO	OPTN	NIO Inc (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NIO	999
NIU	EQUI	NIU TECHNOLOGIESADS	Yes	Yes	0.00	0.00	1	1.00	No	No	NIU	999
NIU	OPTN	NIU TECHNOLOGIES	Yes	Yes	25.00	37.50	100	1.00	No	No	NIU	999
NJR	EQUI	NEW JERSEY RESCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NJR	999
NJR	OPTN	NewJersey Resources Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	NJR	999
NKE	EQUI	NIKE INC	Yes	Yes	0.00	0.00	1	1.00	No	No	NKE	999
NKE	OPTN	NIKE INC. CLASS B	Yes	Yes	25.00	37.50	100	1.00	No	No	NKE	999
1NKE	OPTN	NIKE INC. CLASS B (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NKE	999
2NKE	OPTN	NIKE INC. CLASS B (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NKE	999
NKLAQ	EQUI	Nikola Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	NKLAQ	999
NKLAQ	OPTN	Nikola Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	NKLAQ	999
NKLA1	OPTN	Nikola Corporation(1:30)	Yes	Yes	25.00	37.50	100	1.00	No	No	NKLAQ	999
NKTR	EQUI	NEKTAR THERAPEUTICS	Yes	Yes	0.00	0.00	1	1.00	No	No	NKTR	999
NKTR	OPTN	NEKTAR THERAPEUTICS	Yes	Yes	25.00	37.50	100	1.00	No	No	NKTR	999
NKTX	EQUI	NKARTA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NKTX	999
NKTX	OPTN	NKARTA INC	Yes	Yes	25.00	37.50	100	1.00	No	No	NKTX	999
NL	EQUI	NL Industries, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NL	999
NL	OPTN	NL Industries, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NL	999
NLOP	EQUI	Net Lease Office Properties	Yes	Yes	0.00	0.00	1	1.00	No	No	NLOP	999
NLOP	OPTN	NET LEASE OFFICE PROPERTIES	Yes	Yes	25.00	37.50	100	1.00	No	No	NLOP	999
NLR	EQUI	VanEck Uranium and Nuclear ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NLR	999
NLR	OPTN	VanEck Uranium and Nuclear ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	NLR	999
NLY	EQUI	ANNALY CAP MGMT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NLY	999
NLY	OPTN	Annaly Capital Management Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	NLY	999
NMFC	EQUI	NEW MTN FIN CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NMFC	999
NMFC	OPTN	New Mountain Finance Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	NMFC	999
NMG	EQUI	NOUVEAU MONDE GRAPHITE INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	NMG	999
NMG	OPTN	NOUVEAU MONDE GRAPHITE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	NMG	999
NMIH	EQUI	NMI Holdings Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NMIH	999
NMIH	OPTN	NMI Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NMIH	999
NMM	EQUI	NAVIOS MARITIME PARTNERS L PUNIT LPI	Yes	Yes	0.00	0.00	1	1.00	No	No	NMM	999
NMM	OPTN	Navios Maritime Partners LP	Yes	Yes	25.00	37.50	100	1.00	No	No	NMM	999
NMR	EQUI	NOMURA HLDGS INCSPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	NMR	999
NMR	OPTN	Nomura Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NMR	999
NMRA	EQUI	NEUMORA THERAPEUTICS INC.COM	Yes	Yes	0.00	0.00	1	1.00	No	No	NMRA	999
NMRA	OPTN	NEUMORA THERAPEUTICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	NMRA	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
NMRK	EQUI	NEWMARK GROUP INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	NMRK	999
NMRK	OPTN	Newmark Group Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	NMRK	999
NMTC	EQUI	NEUROONE MED TECHNOLOGIES COCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	NMTC	999
NMTC	OPTN	NEUROONE MEDICAL TECHNOLOGIES CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	NMTC	999
NN	EQUI	NEXTNAV INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	NN	999
NN	OPTN	NEXTNAV INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	NN	999
1NN	OPTN	NEXTNAV INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NN	999
NNAVW	WARR	NEXTNAV INC. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	NN	999
NNBR	EQUI	NN INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NNBR	999
NNBR	OPTN	NN Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	NNBR	999
NNDM	EQUI	NANO DIMENSION LTDSPONSORD ADS NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	NNDM	999
NNDM	OPTN	NANO DIMENSION LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	NNDM	999
NNE	EQUI	NANO NUCLEAR ENERGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NNE	999
NNE	OPTN	NANO NUCLEAR ENERGY INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	NNE	999
NNI	EQUI	NELNET INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	NNI	999
NNI	OPTN	Nelnet, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NNI	999
NNN	EQUI	NNN REIT, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NNN	999
NNN	OPTN	NNN REIT, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NNN	999
NNOX	EQUI	NANO X IMAGING LTDORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	NNOX	999
NNOX	OPTN	NANO-X IMAGING LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	NNOX	999
NNVC	EQUI	NANOVIRICIDES INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	NNVC	999
NNVC	OPTN	NANOVIRICIDES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	NNVC	999
NOA	EQUI	North American Construction Group Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	NOA	999
NOA	OPTN	North American Construction Group Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	NOA	999
NOAH	EQUI	NOAH HLDGS LTDSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	NOAH	999
NOAH	OPTN	Noah Holdings, Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	NOAH	999
NOBL	EQUI	ProShares S&P 500 Dividend Aristocrats ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NOBL	999
NOBL	OPTN	ProShares S&P 500 Dividend Aristocrats ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	NOBL	999
NOC	EQUI	NORTHROP GRUMMAN CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NOC	999
NOC	OPTN	NORTHROP GRUMMAN CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	NOC	999
2NOC	OPTN	NORTHROP GRUMMAN CORP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NOC	999
NOG	EQUI	NORTHERN OIL & GAS INC NEVCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NOG	999
NOG	OPTN	Northern Oil and Gas Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	NOG	999
NOK	EQUI	NOKIA CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	NOK	999
NOK	OPTN	NOKIA CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	NOK	999
NOMD	EQUI	NOMAD FOODS LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	NOMD	999
NOMD	OPTN	NOMAD FOODS LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	NOMD	999
NOTE	EQUI	FiscalNote Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NOTE	999
NOTE	OPTN	FISCALNOTE HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	NOTE	999
NOTEWS	WARR	FISCALNOTE HOLDINGS, INC. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	NOTE	999
NOTV	EQUI	Inotiv, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NOTV	999
NOTV	OPTN	INOTIV, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	NOTV	999
NOV	EQUI	NOV Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NOV	999
NOV	OPTN	NOV Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NOV	999
NOVA	EQUI	SUNNOVA ENERGY INTL INC.COM	Yes	Yes	0.00	0.00	1	1.00	No	No	NOVA	999
NOVA	OPTN	SUNNOVA ENERGY INTERNATIONAL INC	Yes	Yes	25.00	37.50	100	1.00	No	No	NOVA	999
NOVT	EQUI	Novanta Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NOVT	999
NOVT	OPTN	Novanta Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NOVT	999
NOW	EQUI	SERVICENOW INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NOW	999
NOW	OPTN	ServiceNow Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NOW	999



RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
1NOW	OPTN	ServiceNow Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NOW	999
2NOW	OPTN	ServiceNow Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NOW	999
NPCE	EQUI	NEUROPACE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NPCE	999
NPCE	OPTN	NEUROPACE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	NPCE	999
NPKI	EQUI	NPK International Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NPKI	999
NPKI	OPTN	NPK International Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NPKI	999
NPO	EQUI	Enpro Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NPO	999
NPO	OPTN	Enpro Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NPO	999
NPWR	EQUI	NET Power Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NPWR	999
NPWR	OPTN	NET POWER INC	Yes	Yes	25.00	37.50	100	1.00	No	No	NPWR	999
NPWRWS	WARR	NET POWER INC (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	NPWR	999
NRC	EQUI	NATIONAL RESH CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	NRC	999
NRC	OPTN	NATIONAL RESEARCH CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	NRC	999
RIDEW	WARR	Lordstown Motors Corporation Class A (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	NRDE	999
NRDS	EQUI	NERDWALLET INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	NRDS	999
NRDS	OPTN	NERDWALLET, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	NRDS	999
NRDY	EQUI	Nerdy Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	NRDY	999
NRDY	OPTN	Nerdy Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NRDY	999
NREF	EQUI	NEXPOINT REAL ESTATE FIN INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NREF	999
NREF	OPTN	NEXPOINT REAL ESTATE FINANCE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	NREF	999
NRG	EQUI	NRG ENERGY INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	NRG	999
NRG	OPTN	NRG Energy, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NRG	999
2NRG	OPTN	NRG Energy, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NRG	999
NRGV	EQUI	Energy Vault Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NRGV	999
NRGV	OPTN	Energy Vault Holdings, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	NRGV	999
NRIX	EQUI	NURIX THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NRIX	999
NRIX	OPTN	NURIX THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	NRIX	999
NRP	EQUI	NATURAL RESOURCE PARTNERS LCOM UNIT L P	Yes	Yes	0.00	0.00	1	1.00	No	No	NRP	999
NRP	OPTN	Natural Resource Partners L.P.	Yes	Yes	25.00	37.50	100	1.00	No	No	NRP	999
NRT	EQUI	NORTH EUROPEAN OIL RTY TRSH BEN INT	Yes	Yes	0.00	0.00	1	1.00	No	No	NRT	999
NRT	OPTN	North European Oil Royalty Trust	Yes	Yes	25.00	37.50	100	1.00	No	No	NRT	999
NRXP	EQUI	NRX Pharmaceuticals, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NRXP	999
NRXP	OPTN	NRX PHARMACEUTICALS, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	NRXP	999
NRXPW	WARR	NRX PHARMACEUTICALS, INC (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	NRXP	999
NSA	EQUI	NATIONAL STORAGE AFFILIATESCOM SHS BEN IN	Yes	Yes	0.00	0.00	1	1.00	No	No	NSA	999
NSA	OPTN	National Storage Affiliates Trust	Yes	Yes	25.00	37.50	100	1.00	No	No	NSA	999
NSC	EQUI	NORFOLK SOUTHERN CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NSC	999
NSC	OPTN	NORFOLK SOUTHERN CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	NSC	999
2NSC	OPTN	NORFOLK SOUTHERN CORP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NSC	999
NSIT	EQUI	INSIGHT ENTERPRISES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NSIT	999
NSIT	OPTN	INSIGHT ENTERPRISES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	NSIT	999
NSP	EQUI	Insperity, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NSP	999
NSP	OPTN	Insperity, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NSP	999
NSPR	EQUI	INSPIREMD INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NSPR	999
NSPR	OPTN	INSPIREMD, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	NSPR	999
NSSC	EQUI	NAPCO SEC TECHNOLOGIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NSSC	999
NSSC	OPTN	Napco Security Technologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NSSC	999
NSTGQ	OPTN	NanoString Technologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NSTGQ	999
NTAP	EQUI	NetApp Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	NTAP	999
NTAP	OPTN	Netapp Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	NTAP	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
2NTAP	OPTN	Netapp Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NTAP	999
NTB	EQUI	BANK OF NT BUTTERFIELD&SON LSHS NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	NTB	999
NTB	OPTN	THE BANK OF N.T. BUTTERFIELD & SON LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	NTB	999
NTCT	EQUI	NETSCOUT SYS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	NTCT	999
NTCT	OPTN	NETSCOUT SYS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	NTCT	999
NTES	EQUI	NetEase, Inc. American Depositary Shares	Yes	Yes	0.00	0.00	1	1.00	No	No	NTES	999
NTES	OPTN	NetEase, Inc. American Depositary Shares	Yes	Yes	25.00	37.50	100	1.00	No	No	NTES	999
NTGR	EQUI	NETGEAR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NTGR	999
NTGR	OPTN	NETGEAR INC	Yes	Yes	25.00	37.50	100	1.00	No	No	NTGR	999
NTLA	EQUI	INTELLIA THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NTLA	999
NTLA	OPTN	Intellia Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NTLA	999
NTNX	EQUI	NUTANIX INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	NTNX	999
NTNX	OPTN	Nutanix, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NTNX	999
1NTNX	OPTN	Nutanix, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NTNX	999
2NTNX	OPTN	Nutanix, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NTNX	999
NTR	EQUI	Nutrien Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	NTR	999
NTR	OPTN	Nutrien Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	NTR	999
2NTR	OPTN	Nutrien Ltd (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NTR	999
NTRA	EQUI	NATERA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NTRA	999
NTRA	OPTN	Natera, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NTRA	999
NTRL	EQUI	GLOBAL X FDSCARBON CREDITS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NTRL	999
NTRS	EQUI	NORTHERN TR CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	NTRS	999
NTRS	OPTN	NORTHERN TRUST CORPORATIO	Yes	Yes	25.00	37.50	100	1.00	No	No	NTRS	999
2NTRS	OPTN	NORTHERN TRUST CORPORATIO (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NTRS	999
NTST	EQUI	NETSTREIT CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NTST	999
NTST	OPTN	NETSTREIT CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	NTST	999
NTSX	EQUI	WISDOMTREE TRUS EFFICIENT COR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NTSX	999
NTSX	OPTN	WISDOMTREE U.S. EFFICIENT CORE FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	NTSX	999
NTWK	EQUI	NETSOL TECHNOLOGIES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	NTWK	999
NTWK	OPTN	NetSol Technologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NTWK	999
NU	EQUI	NU HLDGS LTDORD SHS CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	NU	999
NU	OPTN	NU HOLDINGS LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	NU	999
2NU	OPTN	NU HOLDINGS LTD. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NU	999
NUDV	EQUI	NUSHARES ETF TRESG DIVIDEND ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NUDV	999
NUE	EQUI	NUCOR CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	NUE	999
NUE	OPTN	NUCOR CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	NUE	999
2NUE	OPTN	NUCOR CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NUE	999
NUKZ	EQUI	EXCHANGE TRADED CONCEPTS TRURANGE NUCLEAR RE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NUKZ	999
NULC	EQUI	NUSHARES ETF TRESG LARGE CAP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NULC	999
NULG	EQUI	NUSHARES ETF TRNUVEEN ESG LRGCP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NULG	999
NULV	EQUI	NUSHARES ETF TRNUVEEN ESG LRGVL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NULV	999
NUMG	EQUI	NUSHARES ETF TRNUVEEN ESG MIDCP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NUMG	999
NUMV	EQUI	NUSHARES ETF TRNUVEEN ESG MIDVL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NUMV	999
NURE	EQUI	NUSHARES ETF TRNUVEEN SHRT TERM	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NURE	999
NUS	EQUI	NU SKIN ENTERPRISES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	NUS	999
NUS	OPTN	NU SKIN ENTERPRISES, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	NUS	999
NUSC	EQUI	NuShares ESG Small-Cap ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NUSC	999
NUSC	OPTN	NUVEEN ESG SMALL-CAP ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	NUSC	999
NUVB	EQUI	NUVATION BIO INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	NUVB	999
NUVB	OPTN	NUVATION BIO INC COM CL A	Yes	Yes	25.00	37.50	100	1.00	No	No	NUVB	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
NUVBWS	WARR	NUVATION BIO INC COM CL A (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	NUVB	999
NUVL	EQUI	NUVALENT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NUVL	999
NUVL	OPTN	NUVALENT, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	NUVL	999
1NUVL	OPTN	NUVALENT, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NUVL	999
2NUVL	OPTN	NUVALENT, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NUVL	999
NVAX	EQUI	NOVAVAX INC	Yes	Yes	0.00	0.00	1	1.00	No	No	NVAX	999
NVAX	OPTN	NOVAVAX, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	NVAX	999
NVCR	EQUI	NOVOCURE LTDORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	NVCR	999
NVCR	OPTN	Novocure Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	NVCR	999
NVCT	EQUI	NUVECTIS PHARMA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NVCT	999
NVCT	OPTN	NUVECTIS PHARMA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	NVCT	999
NVD	EQUI	GraniteShares ETF Trust 2x Short NVDA Daily ETF	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	NVD	999
NVD	OPTN	GraniteShares ETF Trust 2x Short NVDA Daily ETF	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	NVD	999
NVD1	OPTN	GraniteShares ETF Trust 2x Short NVDA ETF(1:25)	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	NVD	999
NVDA	EQUI	NVIDIA CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	NVDA	999
NVDA	OPTN	NVIDIA CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	NVDA	999
1NVDA	OPTN	NVIDIA CORP. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NVDA	999
2NVDA	OPTN	NVIDIA CORP. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NVDA	999
NVDD	EQUI	DIREXION SHS ETF TRDAILY NVDA BEAR	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	NVDD	999
NVDD	OPTN	DIREXION DAILY NVDA BEAR 1X SHARES	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	NVDD	999
NVDL	EQUI	GraniteShares ETF Trust 2x Long NVDA Daily ETF	Yes	Yes	0.00	0.00	1	2.00	Yes	No	NVDL	999
NVDL	OPTN	GraniteShares ETF Trust 2x Long NVDA Daily ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	NVDL	999
NVDQ	EQUI	T-REX 2X INVERSE NVIDIA DAILY TARGET	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	NVDQ	999
NVDQ	OPTN	T-REX 2X INVERSE NVIDIA DAILY TARGET	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	NVDQ	999
NVDS	EQUI	Inv Mngrs Series Trust II Tradr 1.5X Short NVDA	Yes	Yes	0.00	0.00	1	-1.50	Yes	No	NVDS	999
NVDS	OPTN	Inv Mngrs Series Trust II Tradr 1.5X Short NVDA	Yes	Yes	25.00	37.50	100	-1.50	Yes	No	NVDS	999
NVDS1	OPTN	Inv Mngrs Series TrustII Tradr 1.5XShort NVDA(1:5)	Yes	Yes	25.00	37.50	100	-1.50	Yes	No	NVDS	999
NVDU	EQUI	Direxion Daily NVDA Bull 2X Shares	Yes	Yes	0.00	0.00	1	2.00	Yes	No	NVDU	999
NVDU	OPTN	Direxion Daily NVDA Bull 2X Shares	Yes	Yes	25.00	37.50	100	2.00	Yes	No	NVDU	999
NVDW	EQUI	INVESTMENT MANAGERS SER TR ITRADR 1.75X LNG	Yes	Yes	0.00	0.00	1	1.75	Yes	No	NVDW	999
NVDW	OPTN	TRADR 1.75X LONG NVDA WEEKLY ETF	Yes	Yes	25.00	37.50	100	1.75	Yes	No	NVDW	999
NVDX	EQUI	T-REX 2X LONG NVIDIA DAILY	Yes	Yes	0.00	0.00	1	2.00	Yes	No	NVDX	999
NVDX	OPTN	T-REX 2X LONG NVIDIA DAILY	Yes	Yes	25.00	37.50	100	2.00	Yes	No	NVDX	999
NVDX1	OPTN	T-REX 2X LONG NVIDIA DAILY (Cash Distribution)	Yes	Yes	25.00	37.50	100	2.00	Yes	No	NVDX	999
NVDY	EQUI	TIDAL ETF TR IYIELDMAX NVDA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NVDY	999
NVDY	OPTN	YIELDMAX NVDA OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	NVDY	999
NVEE	EQUI	NV5 GLOBAL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NVEE	999
NVEE	OPTN	NV5 Global Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NVEE	999
NVGS	EQUI	NAVIGATOR HOLDINGS LTDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	NVGS	999
NVGS	OPTN	Navigator Holdings Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	NVGS	999
NVMI	EQUI	Nova Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	NVMI	999
NVMI	OPTN	Nova Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	NVMI	999
NVNO	EQUI	enVveno Medical Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	NVNO	999
NVNO	OPTN	enVveno Medical Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	NVNO	999
NVO	EQUI	NOVO-NORDISK A S	Yes	Yes	0.00	0.00	1	1.00	No	No	NVO	999
NVO	OPTN	Novo Nordisk	Yes	Yes	25.00	37.50	100	1.00	No	No	NVO	999
2NVO	OPTN	Novo Nordisk (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NVO	999
NVOX	EQUI	TIDAL TR IIDEFIANCE DLY TRG	Yes	Yes	0.00	0.00	1	2.00	Yes	No	NVOX	999
NVOX	OPTN	DEFIANCE DAILY TARGET 2X LONG NVO ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	NVOX	999
NVQ	EQUI	EXCHANGE LISTED FDS TRQRAFT AI ENANE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NVQ	999

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NVRI	EQUI	Enviri Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	NVRI	999
NVRI	OPTN	Enviri Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	NVRI	999
NVRO	EQUI	NEVRO CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NVRO	999
NVRO	OPTN	Nevro Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	NVRO	999
NVS	EQUI	NOVARTIS A G	Yes	Yes	0.00	0.00	1	1.00	No	No	NVS	999
NVS	OPTN	NOVARTIS AG	Yes	Yes	25.00	37.50	100	1.00	No	No	NVS	999
NVS1	OPTN	NOVARTIS AG (Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	NVS	999
2NVS	OPTN	NOVARTIS AG (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NVS	999
NVST	EQUI	ENVISTA HLDGS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NVST	999
NVST	OPTN	ENVISTA HOLDINGS CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	NVST	999
NVT	EQUI	NVENT ELECTRIC PLCSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	NVT	999
NVT	OPTN	Nvent Electric Plc	Yes	Yes	25.00	37.50	100	1.00	No	No	NVT	999
2NVT	OPTN	Nvent Electric Plc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NVT	999
NVTS	EQUI	Navitas Semiconductor Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	NVTS	999
NVTS	OPTN	NAVITAS SEMICONDUCTOR CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	NVTS	999
NVVE	EQUI	Nuvve Holding Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	NVVE	999
NVVEW	WARR	NUVVE HOLDING CORP. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	NVVE	999
NVW	EQUI	ROUNDHILL ETF TRUSTNVDA WEEKLYPAY E	Yes	Yes	0.00	0.00	1	1.20	Yes	No	NVW	999
NVW	OPTN	ROUNDHILL NVDA WEEKLYPAY ETF	Yes	Yes	25.00	37.50	100	1.20	Yes	No	NVW	999
NVX	EQUI	NOVONIX LIMITEDSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	NVX	999
NVX	OPTN	NOVONIX LTD SPONSORED ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	NVX	999
NWBI	EQUI	Northwest Bancshares Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NWBI	999
NWBI	OPTN	Northwest Bancshares Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	NWBI	999
NWE	EQUI	NorthWestern Energy Group, Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	NWE	999
NWE	OPTN	NorthWestern Energy Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NWE	999
NWG	EQUI	NatWest Group plc	Yes	Yes	0.00	0.00	1	1.00	No	No	NWG	999
NWG	OPTN	NatWest Group plc	Yes	Yes	25.00	37.50	100	1.00	No	No	NWG	999
NWL	EQUI	Newell Brands Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NWL	999
NWL	OPTN	Newell Brands Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NWL	999
NWN	EQUI	Northwest Natural Holding Company	Yes	Yes	0.00	0.00	1	1.00	No	No	NWN	999
NWN	OPTN	Northwest Natural Holding Company	Yes	Yes	25.00	37.50	100	1.00	No	No	NWN	999
NWPX	EQUI	NORTHWEST PIPE COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NWPX	999
NWPX	OPTN	Northwest Pipe Company	Yes	Yes	25.00	37.50	100	1.00	No	No	NWPX	999
NWS	EQUI	NEWS CORP NEWCL B	Yes	Yes	0.00	0.00	1	1.00	No	No	NWS	999
NWS	OPTN	THE NEWS CORP. (NEW) CL B	Yes	Yes	25.00	37.50	100	1.00	No	No	NWS	999
NWSA	EQUI	NEWS CORP NEWCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	NWSA	999
NWSA	OPTN	The News Corporation (new) CL A	Yes	Yes	25.00	37.50	100	1.00	No	No	NWSA	999
NWTN	EQUI	NWTN Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NWTN	999
NWTNW	WARR	NWTN Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	NWTN	999
NX	EQUI	QUANEX BUILDING PRODUCTS CORCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NX	999
NX	OPTN	Quanex Building Products Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	NX	999
NXDT	EQUI	NEXPOINT DIVERSIFIED REL ETCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	NXDT	999
NXDT	OPTN	NEXPOINT DIVERSIFIED REL ET TR COM NEW	Yes	Yes	25.00	37.50	100	1.00	No	No	NXDT	999
NXE	EQUI	NEXGEN ENERGY LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NXE	999
NXE	OPTN	NEXGEN ENERGY LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	NXE	999
NXPI	EQUI	NXP SEMICONDUCTORS N VCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NXPI	999
NXPI	OPTN	NXP Semiconductors NV	Yes	Yes	25.00	37.50	100	1.00	No	No	NXPI	999
2NXPI	OPTN	NXP Semiconductors NV (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	NXPI	999
NXRT	EQUI	NEXPOINT RESIDENTIAL TR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NXRT	999
NXRT	OPTN	NexPoint Residential Trust Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NXRT	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
NXST	EQUI	Nexstar Media Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	NXST	999
NXST	OPTN	Nexstar Media Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NXST	999
NXT	EQUI	NEXTRACKER INCCLASS A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	NXT	999
NXT	OPTN	NEXTRACKER INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	NXT	999
NXTC	EQUI	NEXTCURE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NXTC	999
NXTC	OPTN	NEXTCURE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	NXTC	999
NXTE	EQUI	INVESTMENT MANAGERS SER TR IAXS GREEN ALPHA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NXTE	999
NXTE	OPTN	AXS GREEN ALPHA ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	NXTE	999
NXTG	EQUI	First Trust Indxx NextG ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NXTG	999
NXTG	OPTN	FIRST TRUST INDXX NEXTG ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	NXTG	999
NYMT	EQUI	NEW YORK MTG TR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	NYMT	999
NYMT	OPTN	New York Mortgage Trust, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	NYMT	999
NYT	EQUI	NEW YORK TIMES CO	Yes	Yes	0.00	0.00	1	1.00	No	No	NYT	999
NYT	OPTN	NEW YORK TIMES - CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	NYT	999
NZAC	EQUI	SPDR MSCI ACWI Climate Paris Aligned ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NZAC	999
NZAC	OPTN	SPDR MSCI ACWI Climate Paris Aligned ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	NZAC	999
NZUS	EQUI	SPDR SER TRMSCI USA CLIMATE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	NZUS	999
NZUS	OPTN	SPDR MSCI USA CLIMATE PARIS ALIGNED ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	NZUS	999
O	EQUI	REALTY INCOME CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	O	999
O	OPTN	Realty Income Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	O	999
2O	OPTN	Realty Income Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	O	999
OABI	EQUI	OMNIAB INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OABI	999
OABI	OPTN	OMNIAB, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	OABI	999
OABIW	WARR	OMNIAB, INC. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	OABI	999
OACP	EQUI	UNIFIED SER TRONEASCENT CORE P	Yes	Yes	0.00	0.00	1	1.00	Yes	No	OACP	999
OACP	OPTN	ONEASCENT CORE PLUS BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	OACP	999
OARK	EQUI	TIDAL ETF TR IYIELDMAX INNOVAT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	OARK	999
OARK	OPTN	YIELDMAX INNOVATION OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	OARK	999
OB	EQUI	OUTBRAIN INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OB	999
OB	OPTN	OUTBRAIN INC	Yes	Yes	25.00	37.50	100	1.00	No	No	OB	999
OBDC	EQUI	Blue Owl Capital Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	OBDC	999
OBDC	OPTN	Blue Owl Capital Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	OBDC	999
1OBDC	OPTN	Blue Owl Capital Corporation (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	OBDC	999
OBE	EQUI	OBSIDIAN ENERGY LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OBE	999
OBE	OPTN	OBSIDIAN ENERGY LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	OBE	999
OBK	EQUI	ORIGIN BANCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OBK	999
OBK	OPTN	Origin Bancorp, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OBK	999
OBOR	EQUI	KRANESHARES TRMSCI ONE BELT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	OBOR	999
OBOR	OPTN	KRANESHARES MSCI ONE BELT ONE ROAD INDEX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	OBOR	999
OC	EQUI	Owens Corning Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	OC	999
OC	OPTN	Owens Corning Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OC	999
2OC	OPTN	Owens Corning Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	OC	999
OCEA	EQUI	Ocean Biomedical, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	OCEA	999
OCEA	OPTN	OCEAN BIOMEDICAL, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	OCEA	999
OCEAW	WARR	OCEAN BIOMEDICAL, INC. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	OCEA	999
OCFC	EQUI	OCEANFIRST FINL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	OCFC	999
OCFC	OPTN	Oceanfirst Financial Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	OCFC	999
OCFT	EQUI	ONECONNECT FINL TECHNOLOGY CSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	OCFT	999
OCFT	OPTN	ONECONNECT FINANCIAL TECHNOLOGY CO LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	OCFT	999
OCGN	EQUI	OCUGEN INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OCGN	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
OCGN	OPTN	OCUGEN INC	Yes	Yes	25.00	37.50	100	1.00	No	No	OCGN	999
ONIT	EQUI	Onity Group Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	OCN	999
ONIT	OPTN	Onity Group Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OCN	999
OCSL	EQUI	Oaktree Specialty Lending Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	OCSL	999
OCSL	OPTN	Oaktree Specialty Lending Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	OCSL	999
OCUL	EQUI	OCULAR THERAPEUTIX INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OCUL	999
OCUL	OPTN	Ocular Therapeutix, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OCUL	999
1OCUL	OPTN	Ocular Therapeutix, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	OCUL	999
ODD	EQUI	ODDITY TECH LTDSHS CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	ODD	999
ODD	OPTN	ODDITY TECH LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	ODD	999
ODDS	EQUI	PACER FDS TRBLUESTAR DIG ENT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ODDS	999
ODDS	OPTN	PACER BLUESTAR DIGITAL ENTERTAINMENT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ODDS	999
ODFL	EQUI	OLD DOMINION FGHT LINES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ODFL	999
ODFL	OPTN	Old Dominion Freight Line	Yes	Yes	25.00	37.50	100	1.00	No	No	ODFL	999
2ODFL	OPTN	Old Dominion Freight Line (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ODFL	999
ODP	EQUI	The ODP Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	ODP	999
ODP	OPTN	OFFICE DEPOT INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ODP	999
ODV	EQUI	OSISKO DEVELOPMENT CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	ODV	999
ODV	OPTN	OSISKO DEVELOPMENT CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	ODV	999
ODVWZ	WARR	OSISKO DEVELOPMENT CORPCOM NEW (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	ODV	999
OEC	EQUI	Orion S.A.	Yes	Yes	0.00	0.00	1	1.00	No	No	OEC	999
OEC	OPTN	Orion S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	OEC	999
OESX	EQUI	ORION ENERGY SYSTEMS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OESX	999
OESX	OPTN	Orion Energy Systems, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OESX	999
OFG	EQUI	OFG Bancorp	Yes	Yes	0.00	0.00	1	1.00	No	No	OFG	999
OFG	OPTN	OFG Bancorp	Yes	Yes	25.00	37.50	100	1.00	No	No	OFG	999
OFIX	EQUI	Orthofix Medical Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	OFIX	999
OFIX	OPTN	Orthofix Medical Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OFIX	999
OFS	EQUI	OFS CAP CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OFS	999
OFS	OPTN	OFS CAPITAL CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	OFS	999
OGE	EQUI	OGE ENERGY CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	OGE	999
OGE	OPTN	OGE ENERGY CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	OGE	999
OGI	EQUI	Organigram Global Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	OGI	999
OGI	OPTN	Organigram Global Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OGI	999
OGIG	EQUI	ALPS O'Shares Global Internet Giants ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	OGIG	999
OGIG	OPTN	ALPS O'Shares Global Internet Giants ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	OGIG	999
OGN	EQUI	ORGANON & COCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	OGN	999
OGN	OPTN	ORGANON & CO.	Yes	Yes	25.00	37.50	100	1.00	No	No	OGN	999
OGS	EQUI	ONE GAS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OGS	999
OGS	OPTN	ONE Gas Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OGS	999
OHI	EQUI	OMEGA HEALTHCARE INVS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	OHI	999
OHI	OPTN	OMEGA Healthcare Investors, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OHI	999
OI	EQUI	O-I Glass, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	OI	999
OI	OPTN	O-I Glass, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OI	999
OII	EQUI	OCEANEERING INTL INC	Yes	Yes	0.00	0.00	1	1.00	No	No	OII	999
OII	OPTN	OCEANEERING INTERNATIONAL, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	OII	999
OILK	EQUI	ProShares K-1 Free Crude Oil ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	OILK	999
OILK	OPTN	ProShares K-1 Free Crude Oil ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	OILK	999
OIS	EQUI	OIL STS INTL INC	Yes	Yes	0.00	0.00	1	1.00	No	No	OIS	999
OIS	OPTN	Oil States International, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OIS	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
OKE	EQUI	ONEOK INC	Yes	Yes	0.00	0.00	1	1.00	No	No	OKE	999
OKE	OPTN	ONEOK, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	OKE	999
OKE2	OPTN	EnLink Midstream, LLC (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	OKE	999
2OKE	OPTN	ONEOK, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	OKE	999
OKLO	EQUI	Oklo Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	OKLO	999
OKLO	OPTN	Oklo Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OKLO	999
2OKLO	OPTN	Oklo Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	OKLO	999
OKTA	EQUI	OKTA INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	OKTA	999
OKTA	OPTN	OKTA, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	OKTA	999
2OKTA	OPTN	OKTA, Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	OKTA	999
OKUR	EQUI	OnKure Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	OKUR	999
OKUR1	OPTN	OnKure Therapeutics, Inc. (1:10 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	OKUR	999
OLED	EQUI	UNIVERSAL DISPLAY CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OLED	999
OLED	OPTN	UNIVERSAL DISPLAY CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	OLED	999
OLLI	EQUI	Ollies Bargain Outlet Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	OLLI	999
OLLI	OPTN	Ollies Bargain Outlet Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OLLI	999
OLMA	EQUI	OLEMA PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OLMA	999
OLMA	OPTN	OLEMA PHARMACEUTICALS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	OLMA	999
OLN	EQUI	OLIN CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	OLN	999
OLN	OPTN	OLIN CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	OLN	999
OLO	EQUI	OLO INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	OLO	999
OLO	OPTN	OLO, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	OLO	999
OLP	EQUI	ONE LIBERTY PPTYS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	OLP	999
OLP	OPTN	One Liberty Properties, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OLP	999
OLPX	EQUI	OLAPLEX HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OLPX	999
OLPX	OPTN	OLAPLEX HOLDINGS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	OLPX	999
OM	EQUI	OUTSET MED INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OM	999
OM	OPTN	OUTSET MEDICAL, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	OM	999
OM1	OPTN	OUTSET MEDICAL, INC. (1:15 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	OM	999
OMAB	EQUI	GRUPO AEROPORTUARIO DEL CENTSPON ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	OMAB	999
OMAB	OPTN	GRUPO AEROPORTUARIO DEL CENTRO NORTE SAB DE CV	Yes	Yes	25.00	37.50	100	1.00	No	No	OMAB	999
OMC	EQUI	OMNICOM GROUP INC	Yes	Yes	0.00	0.00	1	1.00	No	No	OMC	999
OMC	OPTN	OMNICOM GROUP	Yes	Yes	25.00	37.50	100	1.00	No	No	OMC	999
OMCL	EQUI	OMNICELL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OMCL	999
OMCL	OPTN	OMNICELL, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	OMCL	999
2OMCL	OPTN	OMNICELL, INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	OMCL	999
OMER	EQUI	OMEROS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OMER	999
OMER	OPTN	Omeros Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	OMER	999
OMEX	EQUI	ODYSSEY MARINE EXPLORATION ICOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OMEX	999
OMEX	OPTN	Odyssey Marine Exploration Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OMEX	999
OMF	EQUI	OneMain Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	OMF	999
OMF	OPTN	OneMain Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OMF	999
OMFL	EQUI	Invesco Russell 1000 Dynamic Multifactor ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	OMFL	999
OMFL	OPTN	INVESCO RUSSELL 1000 DYNAMIC MULTIFACTOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	OMFL	999
OMGAQ	EQUI	OMEGA THERAPEUTICS INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	OMGA	999
OMGAQ	OPTN	OMEGA THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	OMGA	999
OMI	EQUI	OWENS & MINOR INC NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	OMI	999
OMI	OPTN	OWENS & MINOR, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	OMI	999
ON	EQUI	ON SEMICONDUCTOR CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	ON	999
ON	OPTN	ON SEMICONDUCTOR CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	ON	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
1ON	OPTN	ON SEMICONDUCTOR CORP (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ON	999
2ON	OPTN	ON SEMICONDUCTOR CORP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ON	999
ONB	EQUI	OLD NATL BANCORP IND	Yes	Yes	0.00	0.00	1	1.00	No	No	ONB	999
ONB	OPTN	Old National Bancorp	Yes	Yes	25.00	37.50	100	1.00	No	No	ONB	999
2ONB	OPTN	Old National Bancorp (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ONB	999
OND	EQUI	PROSHARES TRON-DEMAND ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	OND	999
OND	OPTN	PROSHARES ON-DEMAND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	OND	999
ONDS	EQUI	ONDAS HLDGS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	ONDS	999
ONDS	OPTN	ONDAS HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ONDS	999
ONEO	EQUI	SPDR SER TRRUSSELL MOMENTUM	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ONEO	999
ONEO	OPTN	SPDR RUSSELL 1000 MOMENTUM FOCUS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ONEO	999
ONEV	EQUI	SPDR SER TRRUSSELL LOW VOL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ONEV	999
ONEV	OPTN	SPDR RUSSELL 1000 LOW VOLATILITY FOCUS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ONEV	999
ONEW	EQUI	ONEWATER MARINE INCCL A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	ONEW	999
ONEW	OPTN	ONEWATER MARINE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ONEW	999
ONEY	EQUI	SPDR SER TRRUSSELL YIELD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ONEY	999
ONEY	OPTN	SPDR RUSSELL 1000 YIELD FOCUS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ONEY	999
ONL	EQUI	Orion Properties Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ONL	999
ONL	OPTN	Orion Properties Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ONL	999
ONLN	EQUI	PROSHARES TRONLINE RTL ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ONLN	999
ONLN	OPTN	PROSHARES ONLINE RETAIL ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ONLN	999
ONON	EQUI	ON HLDG AGNAMEN AKT A	Yes	Yes	0.00	0.00	1	1.00	No	No	ONON	999
ONON	OPTN	ON HOLDING AG CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	ONON	999
2ONON	OPTN	ON HOLDING AG CLASS A (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ONON	999
ONTF	EQUI	ON24 INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ONTF	999
ONTF	OPTN	ON24, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ONTF	999
ONTO	EQUI	Onto Innovation Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ONTO	999
ONTO	OPTN	Onto Innovation Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ONTO	999
TRAW	EQUI	Traws Pharma, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ONTX	999
TRAW1	OPTN	Traws Pharma, Inc. (1:25 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	ONTX	999
ONVO	EQUI	ORGANOVO HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ONVO	999
ONVO1	OPTN	ORGANOVO HOLDINGS, INC. (1:12 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	ONVO	999
OOMA	EQUI	OOMA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OOMA	999
OOMA	OPTN	Ooma, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OOMA	999
OTO	EQUI	DIREXION SHS ETF TRDAILY TRAVEL VAC	Yes	Yes	0.00	0.00	1	2.00	Yes	No	OTO	999
OTO	OPTN	DIREXION DAILY TRAVEL & VACATION BULL 2X SHARES	Yes	Yes	25.00	37.50	100	2.00	Yes	No	OTO	999
OPAD	EQUI	Offerpad Solutions Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	OPAD	999
OPAD	OPTN	Offerpad Solutions Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OPAD	999
OPADW	WARR	Offerpad Solutions Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	OPAD	999
OPAL	EQUI	OPAL FUELS INCCLASS A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	OPAL	999
OPAL	OPTN	OPAL FUELS INC. CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	OPAL	999
OPBK	EQUI	OP BANCORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OPBK	999
OPBK	OPTN	OP BANCORP	Yes	Yes	25.00	37.50	100	1.00	No	No	OPBK	999
OPCH	EQUI	Option Care Health, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	OPCH	999
OPCH	OPTN	Option Care Health, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OPCH	999
OPEN	EQUI	Opendoor Technologies Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	OPEN	999
OPEN	OPTN	Opendoor Technologies Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	OPEN	999
OPFI	EQUI	OppFi Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	OPFI	999
OPFI	OPTN	OppFi Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	OPFI	999
OPFIWS	WARR	OppFi Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	OPFI	999



## RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
OPI	EQUI	Office Properties Income Trust	Yes	Yes	0.00	0.00	1	1.00	No	No	OPI	999
OPI	OPTN	Office Properties Income Trust	Yes	Yes	25.00	37.50	100	1.00	No	No	OPI	999
OPK	EQUI	OPKO HEALTH INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OPK	999
OPK	OPTN	Opko Health, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OPK	999
OPRA	EQUI	OPERA LTDSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	OPRA	999
OPRA	OPTN	OPERA LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	OPRA	999
OPRT	EQUI	OPORTUN FINL CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OPRT	999
OPRT	OPTN	OPORTUN FINANCIAL CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	OPRT	999
OPRX	EQUI	OPTIMIZERX CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	OPRX	999
OPRX	OPTN	OPTIMIZERX CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	OPRX	999
OPTT	EQUI	OCEAN PWR TECHNOLOGIES INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	OPTT	999
OPTT	OPTN	OCEAN POWER TECHNOLOGIES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	OPTT	999
OPY	EQUI	OPPENHEIMER HLDGS INCCL A NON VTG	Yes	Yes	0.00	0.00	1	1.00	No	No	OPY	999
OPY	OPTN	Oppenheimer Holdings Inc. Class A	Yes	Yes	25.00	37.50	100	1.00	No	No	OPY	999
OR	EQUI	OSISKO GOLD ROYALTIES LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OR	999
OR	OPTN	Osisko Gold Royalties Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	OR	999
1OR	OPTN	Osisko Gold Royalties Limited (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	OR	999
ORA	EQUI	ORMAT TECHNOLOGIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ORA	999
ORA	OPTN	Ormat Technologies Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ORA	999
ORANY	EQUI	Orange	Yes	Yes	0.00	0.00	1	1.00	No	No	ORANY	999
ORANY	OPTN	Orange	Yes	Yes	25.00	37.50	100	1.00	No	No	ORANY	999
ORC	EQUI	Orchid Island Capital, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ORC	999
ORC	OPTN	Orchid Island Capital, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ORC	999
ORCL	EQUI	ORACLE CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	ORCL	999
ORCL	OPTN	ORACLE SYSTEMS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ORCL	999
2ORCL	OPTN	ORACLE CORP (Euro flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	ORCL	999
ORGN	EQUI	Origin Materials, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ORGN	999
ORGN	OPTN	Origin Materials, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ORGN	999
ORGNW	WARR	Origin Materials, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	ORGN	999
ORGO	EQUI	ORGANOGENESIS HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ORGO	999
ORGO	OPTN	ORGANOGENESIS HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ORGO	999
ORGS	EQUI	ORGENESIS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	ORGS	999
ORGS1	OPTN	ORGENESIS INC. (1:10 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	ORGS	999
ORI	EQUI	OLD REP INTL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	ORI	999
ORI	OPTN	OLD REPUBLIC INTL CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	ORI	999
ORIC	EQUI	ORIC PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ORIC	999
ORIC	OPTN	ORIC PHARMACEUTICALS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ORIC	999
ORKA	EQUI	Oruka Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ORKA	999
ORKA	OPTN	ORUKA THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ORKA	999
ORKA1	OPTN	Oruka Therapeutics, Inc. (1:12 Rev Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	ORKA	999
ORLA	EQUI	ORLA MNG LTD NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ORLA	999
ORLA	OPTN	ORLA MINING LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	ORLA	999
2ORLA	OPTN	ORLA MINING LTD (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ORLA	999
ORLY	EQUI	O REILLY AUTOMOTIVE INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ORLY	999
ORLY	OPTN	O'REILLY AUTOMATIVE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ORLY	999
2ORLY	OPTN	O'REILLY AUTOMATIVE INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ORLY	999
ORMP	EQUI	ORAMED PHARM INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	ORMP	999
ORMP	OPTN	Oramed Pharmaceuticals Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ORMP	999
ORN	EQUI	Orion Group Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ORN	999
ORN	OPTN	Orion Group Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ORN	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
ORRF	EQUI	ORRSTOWN FINL SVCS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ORRF	999
ORRF	OPTN	ORRSTOWN FINANCIAL SERVICES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ORRF	999
OS	EQUI	ONESTREAM INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	OS	999
OS	OPTN	ONESTREAM, INC. CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	OS	999
OSBC	EQUI	Old Second Bancorp Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	OSBC	999
OSBC	OPTN	Old Second Bancorp, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OSBC	999
OSCR	EQUI	OSCAR HEALTH INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	OSCR	999
OSCR	OPTN	OSCAR HEALTH INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	OSCR	999
OSIS	EQUI	OSI SYSTEMS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OSIS	999
OSIS	OPTN	OSI Systems Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OSIS	999
OSK	EQUI	OSHKOSH CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OSK	999
OSK	OPTN	Oshkosh Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	OSK	999
OSPN	EQUI	OneSpan Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	OSPN	999
OSPN	OPTN	OneSpan Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OSPN	999
OSS	EQUI	ONE STOP SYS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OSS	999
OSS	OPTN	ONE STOP SYSTEMS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	OSS	999
OSUR	EQUI	ORASURE TECHNOLOGIES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	OSUR	999
OSUR	OPTN	ORASURE TECHNOLOGIES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	OSUR	999
OSW	EQUI	ONESPAWORLD HOLDINGS LIMITEDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OSW	999
OSW	OPTN	ONESPAWORLD HOLDINGS LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	OSW	999
OSWWF	WARR	OneSpaWorld Holdings LTD (Warrant)	Yes	No	0.25		1	1.00	No	No	OSW	999
OTEX	EQUI	OPEN TEXT CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OTEX	999
OTEX	OPTN	OPEN TEXT CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	OTEX	999
OTIC	OPTN	OTONOMY INC	Yes	Yes	25.00	37.50	100	1.00	No	No	OTIC	999
OTIS	EQUI	OTIS WORLDWIDE CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OTIS	999
OTIS	OPTN	OTIS WORLDWIDE CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	OTIS	999
2OTIS	OPTN	OTIS WORLDWIDE CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	OTIS	999
OTLK	EQUI	OUTLOOK THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OTLK	999
OTLK	OPTN	OUTLOOK THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	OTLK	999
OTLY	EQUI	OATLY GROUP ABSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	OTLY	999
OTLY	OPTN	OATLY GROUP AB	Yes	Yes	25.00	37.50	100	1.00	No	No	OTLY	999
OTLY1	OPTN	OATLY GROUP AB (1:20 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	OTLY	999
OTTR	EQUI	OTTER TAIL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	OTTR	999
OTTR	OPTN	Otter Tail Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	OTTR	999
OUNZ	EQUI	VanEck Merk Gold ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	OUNZ	999
OUNZ	OPTN	VanEck Merk Gold ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	OUNZ	999
OUSA	EQUI	ALPS O'Shares U.S. Quality Dividend ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	OUSA	999
OUSA	OPTN	ALPS O'Shares U.S. Quality Dividend ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	OUSA	999
OUSM	EQUI	ALPS O'Shares U.S. Small-Cap Quality Dividend ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	OUSM	999
OUSM	OPTN	ALPS O'Shares U.S. Small-Cap Quality Dividend ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	OUSM	999
OUST	EQUI	Ouster, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	OUST	999
OUST	OPTN	Ouster, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OUST	999
OUSTW	WARR	Ouster Inc (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	OUST	999
OUSTZ	WARR	Ouster, Inc.(Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	OUST	999
OUT	EQUI	OUTFRONT Media Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	OUT	999
OUT	OPTN	OUTFRONT Media Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OUT	999
OUT1	OPTN	OUTFRONT Media Inc. (Special Dividend Election)	Yes	Yes	25.00	37.50	100	1.00	No	No	OUT	999
OUT2	OPTN	OUTFRONT Media Inc. (Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	OUT	999
1OUT1	OPTN	OUTFRONT Media Inc. (AMER/FLEX)(Spl Div Election)	Yes	Yes	25.00	37.50	100	1.00	No	No	OUT	999
OVID	EQUI	OVID THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OVID	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
OVID	OPTN	OVID THERAPEUTICS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	OVID	999
OVLH	EQUI	LISTED FD TROVERLAY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	OVLH	999
OVLH	OPTN	OVERLAY SHARES HEDGED LARGE CAP EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	OVLH	999
OVT	EQUI	LISTED FD TROVERLAY SHS SHRT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	OVT	999
OVT	OPTN	OVERLAY SHARES SHORT TERM BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	OVT	999
OVV	EQUI	Ovintiv Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	OVV	999
OVV	OPTN	OVINTIV INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	OVV	999
OWL	EQUI	Blue Owl Capital Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	OWL	999
OWL	OPTN	Blue Owl Capital Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	OWL	999
OWLT	EQUI	Owlet, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	OWLT	999
OWLTW	WARR	Owlet, Inc. Class A (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	OWLT	999
OXM	EQUI	OXFORD INDS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	OXM	999
OXM	OPTN	Oxford Industries, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	OXM	999
OXSQ	EQUI	Oxford Square Capital Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	OXSQ	999
OXSQ	OPTN	Oxford Square Capital Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	OXSQ	999
OXY	EQUI	OCCIDENTAL PETE CORP DEL	Yes	Yes	0.00	0.00	1	1.00	No	No	OXY	999
OXY	OPTN	OCCIDENTAL PETROLEUM	Yes	Yes	25.00	37.50	100	1.00	No	No	OXY	999
1OXY	OPTN	OCCIDENTAL PETROLEUM (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	OXY	999
2OXY	OPTN	OCCIDENTAL PETROLEUM (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	OXY	999
OXYWS	WARR	Occidental Petroleum (warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	OXY	999
OZEM	EQUI	ROUNDHILL ETF TRUSTGLP 1 & WEIGHT L	Yes	Yes	0.00	0.00	1	1.00	Yes	No	OZEM	999
OZEM	OPTN	ROUNDHILL GLP-1 & WEIGHT LOSS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	OZEM	999
OZK	EQUI	Bank OZK	Yes	Yes	0.00	0.00	1	1.00	No	No	OZK	999
OZK	OPTN	Bank OZK	Yes	Yes	25.00	37.50	100	1.00	No	No	OZK	999
PAA	EQUI	PLAINS ALL AMERN PIPELINE L	Yes	Yes	0.00	0.00	1	1.00	No	No	PAA	999
PAA	OPTN	PLAINS ALL AMERICAN PIPELINE, LP	Yes	Yes	25.00	37.50	100	1.00	No	No	PAA	999
PAAS	EQUI	PAN AMERICAN SILVER CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	PAAS	999
PAAS	OPTN	PAN AMERICAN SILVER CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	PAAS	999
2PAAS	OPTN	PAN AMERICAN SILVER CORP. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PAAS	999
PACB	EQUI	PACIFIC BIOSCIENCES CALIF INCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PACB	999
PACB	OPTN	Pacific Biosciences of California Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	PACB	999
PACK	EQUI	RANPAK HOLDINGS CORPCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	PACK	999
PACK	OPTN	RANPAK HOLDINGS CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	PACK	999
PACS	EQUI	PACS GROUP INCCOM SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	PACS	999
PACS	OPTN	PACS GROUP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	PACS	999
PAG	EQUI	Penske Auto Group	Yes	Yes	0.00	0.00	1	1.00	No	No	PAG	999
PAG	OPTN	Penske Auto Group Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	PAG	999
PAGP	EQUI	PLAINS GP HLDGS L PSHS A REP LTPN	Yes	Yes	0.00	0.00	1	1.00	No	No	PAGP	999
PAGP	OPTN	Plains GP Holdings LP	Yes	Yes	25.00	37.50	100	1.00	No	No	PAGP	999
PAGS	EQUI	PAGSEGURO DIGITAL LTDCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	PAGS	999
PAGS	OPTN	PAGSEGURO DIGITAL LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	PAGS	999
PAHC	EQUI	PHIBRO ANIMAL HEALTH CORPCL A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	PAHC	999
PAHC	OPTN	Phibro Animal Health Corporation Class A	Yes	Yes	25.00	37.50	100	1.00	No	No	PAHC	999
PAL	EQUI	PROFICIENT AUTO LOGISTICS INCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PAL	999
PAL	OPTN	PROFICIENT AUTO LOGISTICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	PAL	999
PALC	EQUI	PACER FDS TRLUNT LRGCP MULTI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PALC	999
PALC	OPTN	PACER LUNT LARGE CAP MULTI-FACTOR ALTERNATOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PALC	999
PALL	EQUI	ABRDN PALLADIUM ETF TRUSTPHYSICAL PALLADM	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PALL	999
PALL	OPTN	ABRDN PHYSICAL PALLADIUM SHARES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PALL	999
PAM	EQUI	Pampa Energia SA	Yes	Yes	0.00	0.00	1	1.00	No	No	PAM	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
PAM	OPTN	Pampa Energia SA	Yes	Yes	25.00	37.50	100	1.00	No	No	PAM	999
PAMC	EQUI	PACER FDS TRLUNT MDCAP MLT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PAMC	999
PANL	EQUI	PANGAEA LOGISTICS SOLUTION LSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	PANL	999
PANL	OPTN	PANGAEA LOGISTICS SOLUTIONS LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	PANL	999
PANW	EQUI	Palo Alto Networks Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PANW	999
PANW	OPTN	Palo Alto Networks Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	PANW	999
1PANW	OPTN	Palo Alto Networks Inc (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PANW	999
2PANW	OPTN	Palo Alto Networks Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PANW	999
PAR	EQUI	Par Technology Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	PAR	999
PAR	OPTN	Par Technology Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	PAR	999
PARA	EQUI	Paramount Global Class B	Yes	Yes	0.00	0.00	1	1.00	No	No	PARA	999
PARA	OPTN	Paramount Global Class B	Yes	Yes	25.00	37.50	100	1.00	No	No	PARA	999
PARAA	EQUI	Paramount Global Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	PARAA	999
PARAA	OPTN	Paramount Global Class A	Yes	Yes	25.00	37.50	100	1.00	No	No	PARAA	999
PARR	EQUI	Par Pacific Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PARR	999
PARR	OPTN	Par Pacific Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PARR	999
PASG	EQUI	PASSAGE BIO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PASG	999
PASG	OPTN	Passage Bio, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PASG	999
PATH	EQUI	UIPATH INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	PATH	999
PATH	OPTN	UIPATH INC	Yes	Yes	25.00	37.50	100	1.00	No	No	PATH	999
PATK	EQUI	PATRICK INDS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PATK	999
PATK	OPTN	Patrick Industries, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PATK	999
PATK1	OPTN	Patrick Industries, Inc. (3:2 Stock Split)	Yes	Yes	37.50	56.25	150	1.00	No	No	PATK	999
PAVE	EQUI	GLOBAL X US INFRASTRUCTURE DEVEL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PAVE	999
PAVE	OPTN	GLOBAL X US INFRASTRUCTURE DEVEL	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PAVE	999
PAVM	EQUI	PAVMED INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PAVM	999
PAVM	OPTN	PAVMED INC	Yes	Yes	25.00	37.50	100	1.00	No	No	PAVM	999
PAVMW	WARR	PAVMED INC (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	PAVM	999
PAVMZ	WARR	PAVMED INC (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	PAVM	999
PAWZ	EQUI	PROSHARES PET CARE ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PAWZ	999
PAWZ	OPTN	PROSHARES PET CARE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PAWZ	999
PAX	EQUI	PATRIA INVESTMENTS LIMITEDCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	PAX	999
PAX	OPTN	PATRIA INVESTMENT LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	PAX	999
PAY	EQUI	PAYMENTUS HOLDINGS INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	PAY	999
PAY	OPTN	PAYMENTUS HOLDINGS, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	PAY	999
PAYC	EQUI	PAYCOM SOFTWARE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PAYC	999
PAYC	OPTN	Paycom Software Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	PAYC	999
PAYO	EQUI	Payoneer Global Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PAYO	999
PAYO	OPTN	Payoneer Global Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PAYO	999
PAYS	EQUI	Paysign, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PAYS	999
PAYS	OPTN	Paysign, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PAYS	999
PAYX	EQUI	PAYCHEX INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PAYX	999
PAYX	OPTN	PAYCHEX, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	PAYX	999
2PAYX	OPTN	PAYCHEX, INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PAYX	999
PB	EQUI	PROSPERITY BANCSHARES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PB	999
PB	OPTN	Prosperity Bancshares, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PB	999
PBA	EQUI	Pembina Pipeline Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	PBA	999
PBA	OPTN	Pembina Pipeline Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	PBA	999
PBD	EQUI	INVESCO EXCH TRADED FD TR IIGBL CLEAN ENRG	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PBD	999
PBD	OPTN	INVESCO GLOBAL CLEAN ENERGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PBD	999

**RBH/CPM Included Products**

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PBF	EQUI	PBF ENERGY INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	PBF	999
PBF	OPTN	PBF Energy Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PBF	999
1PBF	OPTN	PBF Energy Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PBF	999
PBH	EQUI	Prestige Consumer Healthcare Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PBH	999
PBH	OPTN	Prestige Consumer Healthcare Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PBH	999
PBI	EQUI	PITNEY BOWES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	PBI	999
PBI	OPTN	PITNEY-BOWES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	PBI	999
PBJ	EQUI	Invesco Food & Beverage ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PBJ	999
PBJ	OPTN	Invesco Food & Beverage ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PBJ	999
PBP	EQUI	INVESCO EXCHANGE TRADED FD TS&P500 BUY WRT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PBP	999
XYLD	EQUI	GLOBAL X FDSS&P 500 COVERED	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PBP	999
PBP	OPTN	INVESCO S&P 500 BUYWRITE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PBP	999
XYLD	OPTN	GLOBAL X S&P 500 COVERED CALL ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PBP	999
PBPB	EQUI	POTBELLY CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PBPB	999
PBPB	OPTN	Potbelly Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	PBPB	999
PBR	EQUI	PETROLEO BRASILEIRO SA PETRO	Yes	Yes	0.00	0.00	1	1.00	No	No	PBR	999
PBR	OPTN	PETROLEO BRASILEIRO SA	Yes	Yes	25.00	37.50	100	1.00	No	No	PBR	999
PBR1	OPTN	PETROLEO BRASILEIRO SA (Cash Distribution)	Yes	Yes	25.00	37.50	100	1.00	No	No	PBR	999
1PBR	OPTN	PETROLEO BRASILEIRO SA (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PBR	999
PBRA	EQUI	PETROLEO BRASILEIRO SA PETROSP ADR NON VTG	Yes	Yes	0.00	0.00	1	1.00	No	No	PBRA	999
PBRA	OPTN	Petroleo Brasileiro S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	PBRA	999
PBT	EQUI	PERMIAN BASIN RTY TR	Yes	Yes	0.00	0.00	1	1.00	No	No	PBT	999
PBT	OPTN	PERMIAN BASIN ROYALTY TRUST	Yes	Yes	25.00	37.50	100	1.00	No	No	PBT	999
PBW	EQUI	Invesco WilderHill Clean Energy ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PBW	999
PBW	OPTN	Invesco WilderHill Clean Energy ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PBW	999
PBYI	EQUI	PUMA BIOTECHNOLOGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PBYI	999
PBYI	OPTN	Puma Biotechnology, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PBYI	999
PCAR	EQUI	PACCAR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PCAR	999
PCAR	OPTN	PACCAR INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PCAR	999
2PCAR	OPTN	PACCAR INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PCAR	999
PCB	EQUI	PCB BANCORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PCB	999
PCB	OPTN	PCB BANCORP	Yes	Yes	25.00	37.50	100	1.00	No	No	PCB	999
PCEF	EQUI	Invesco CEF Income Composite ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PCEF	999
PCEF	OPTN	Invesco CEF Income Composite ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PCEF	999
PCG	EQUI	PG&E CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PCG	999
PCG	OPTN	PG & E CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	PCG	999
1PCG	OPTN	PG & E CORP (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PCG	999
2PCG	OPTN	PG & E CORP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PCG	999
PCH	EQUI	PotlatchDeltic Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	PCH	999
PCH	OPTN	PotlatchDeltic Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	PCH	999
PCOR	EQUI	PROCORE TECHNOLOGIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PCOR	999
PCOR	OPTN	PROCORE TECH.	Yes	Yes	25.00	37.50	100	1.00	No	No	PCOR	999
2PCOR	OPTN	PROCORE TECH. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PCOR	999
PCRX	EQUI	Pacira BioSciences, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PCRX	999
PCRX	OPTN	Pacira BioSciences, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PCRX	999
PCT	EQUI	PureCycle Technologies Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	PCT	999
PCT	OPTN	PURECYCLE TECHNOLOGIES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	PCT	999
PCTTW	WARR	PURECYCLE TECHNOLOGIES INC (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	PCT	999
PCTY	EQUI	PAYLOCITY HLDG CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PCTY	999
PCTY	OPTN	Paylocity Holding Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	PCTY	999

**RBH/CPM Included Products**

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PCVX	EQUI	VAXCYTE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PCVX	999
PCVX	OPTN	VAXCYTE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PCVX	999
2PCVX	OPTN	VAXCYTE, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PCVX	999
PCY	EQUI	Invesco Emerging Markets Sovereign Debt ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PCY	999
PCY	OPTN	Invesco Emerging Markets Sovereign Debt ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PCY	999
PCYO	EQUI	PURECYCLE CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	PCYO	999
PCYO	OPTN	Pure Cycle Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	PCYO	999
PD	EQUI	PAGERDUTY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PD	999
PD	OPTN	PAGERDUTY INC	Yes	Yes	25.00	37.50	100	1.00	No	No	PD	999
PDBA	EQUI	INVESCO ACTVELY MNGD ETC FDAGRI CMDTY STRA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PDBA	999
PDBA	OPTN	INVESCO AGRICULTURE COMMODITY STRATEGY NO K-1	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PDBA	999
PDBC	EQUI	Invesco Optimum Yield Divers Strategy	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PDBC	999
PDBC	OPTN	INVESCO OPTIMUM YIELD DIVER STARTEGY NO K-1 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PDBC	999
PDCO	EQUI	Patterson Cos. Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PDCO	999
PDCO	OPTN	PATTERSON COMPANIES, INC..	Yes	Yes	25.00	37.50	100	1.00	No	No	PDCO	999
PDD	EQUI	PDD Holdings Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PDD	999
PDD	OPTN	PDD Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PDD	999
2PDD	OPTN	PDD Holdings Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PDD	999
PDFS	EQUI	PDF SOLUTIONS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PDFS	999
PDFS	OPTN	PDF Solutions Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	PDFS	999
PDLI	EQUI	PDL BioPharma, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PDLI	999
PDLI	OPTN	PDL BioPharma	Yes	Yes	25.00	37.50	100	1.00	No	No	PDLI	999
PDLI2	OPTN	PDL BioPharma (Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	PDLI	999
PDM	EQUI	PIEDMONT OFFICE REALTY TR INCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	PDM	999
PDM	OPTN	Piedmont Office Realty Trust Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PDM	999
PDN	EQUI	Invesco RAFI Developed Markets ex-US Small-Mid ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PDN	999
PDN	OPTN	Invesco RAFI Developed Markets ex-US Small-Mid ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PDN	999
PDP	EQUI	Invesco Dorsey Wright Momentum ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PDP	999
PDP	OPTN	Invesco Dorsey Wright Momentum ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PDP	999
PDS	EQUI	Precision Drilling Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	PDS	999
PDS	OPTN	Precision Drilling Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	PDS	999
PDSB	EQUI	PDS Biotechnology Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	PDSB	999
PDSB	OPTN	PDS BIOTECHNOLOGY CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	PDSB	999
PDYN	EQUI	PALLADYNE AI CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	PDYN	999
PDYN	OPTN	PALLADYNE AI CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	PDYN	999
PDYNW	WARR	PALLADYNE AI CORP. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	PDYN	999
PEB	EQUI	PEBBLEBROOK HOTEL TRCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PEB	999
PEB	OPTN	Pebblebrook Hotel Trust	Yes	Yes	25.00	37.50	100	1.00	No	No	PEB	999
1PEB	OPTN	Pebblebrook Hotel Trust (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PEB	999
PEBO	EQUI	PEOPLES BANCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PEBO	999
PEBO	OPTN	Peoples Bancorp Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PEBO	999
PECO	EQUI	PHILLIPS EDISON & CO INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	PECO	999
PECO	OPTN	PHILLIPS EDISON & COMPANY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PECO	999
PEG	EQUI	PUBLIC SVC ENTERPRISE GROUP	Yes	Yes	0.00	0.00	1	1.00	No	No	PEG	999
PEG	OPTN	PUBLIC SERVICE ENT GROUP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	PEG	999
2PEG	OPTN	PUBLIC SERVICE ENT GROUP INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PEG	999
PEGA	EQUI	PEGASYSTEMS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	PEGA	999
PEGA	OPTN	Pegasystems, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PEGA	999
PEJ	EQUI	Invesco Leisure and Entertainment ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PEJ	999
PEJ	OPTN	Invesco Leisure and Entertainment ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PEJ	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
PEN	EQUI	PENUMBRA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PEN	999
PEN	OPTN	Penumbra, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PEN	999
PENG	EQUI	Penguin Solutions, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PENG	999
PENG	OPTN	Penguin Solutions, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PENG	999
PENN	EQUI	PENN Entertainment, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PENN	999
PENN	OPTN	PENN Entertainment, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PENN	999
PEO	EQUI	Adams Natural Resources Fund, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PEO	999
PEO	OPTN	Adams Natural Resources Fund, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PEO	999
PEO1	OPTN	Adams Natural Resources Fund, Inc. (Stock Div)	Yes	Yes	25.00	37.50	100	1.00	No	No	PEO	999
PEP	EQUI	PEPSICO INC	Yes	Yes	0.00	0.00	1	1.00	No	No	PEP	999
PEP	OPTN	PEPSICO	Yes	Yes	25.00	37.50	100	1.00	No	No	PEP	999
2PEP	OPTN	PEPSICO (Euro Flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	PEP	999
PEPG	EQUI	PEPGEN INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PEPG	999
PEPG	OPTN	PEPGEN INC. COMMON STOCK	Yes	Yes	25.00	37.50	100	1.00	No	No	PEPG	999
PERI	EQUI	PERION NETWORK LTDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	PERI	999
PERI	OPTN	Perion Network Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	PERI	999
PESI	EQUI	Perma Fix Environmental Services, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PESI	999
PESI	OPTN	Perma-Fix Environmental Services, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PESI	999
PETS	EQUI	PETMED EXPRESS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PETS	999
PETS	OPTN	PETMED EXPRESS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PETS	999
PEY	EQUI	Invesco High Yield Equity Dividend Achievers ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PEY	999
PEY	OPTN	Invesco High Yield Equity Dividend Achievers ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PEY	999
PEZ	EQUI	Invesco Dorsey WrightConsumerCyclicals MomentumETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PEZ	999
PEZ	OPTN	Invesco Dorsey WrightConsumerCyclicals MomentumETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PEZ	999
PFBC	EQUI	PREFERRED BK LOS ANGELES CACOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	PFBC	999
PFBC	OPTN	Preferred Bank	Yes	Yes	25.00	37.50	100	1.00	No	No	PFBC	999
PFE	EQUI	PFIZER INC	Yes	Yes	0.00	0.00	1	1.00	No	No	PFE	999
PFE	OPTN	PFIZER	Yes	Yes	25.00	37.50	100	1.00	No	No	PFE	999
2PFE	OPTN	PFIZER (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PFE	999
PFF	EQUI	iShares Trust iShares Pref and Income Sec ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PFF	999
PFF	OPTN	iShares Trust iShares Pref and Income Sec ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PFF	999
PFFA	EQUI	VIRTUS INFRACAP U.S. PREFERRED STOCK ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PFFA	999
PFFA	OPTN	Virtus Infracap U.S. Preferred Stock ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PFFA	999
PFFD	EQUI	GLOBAL X FDSUS PFD ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PFFD	999
PFFD	OPTN	GLOBAL X U.S. PREFERRED ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PFFD	999
PFFL	EQUI	UBS AG LONDON BRANCHETRACS 2XM ETN	Yes	No	0.00		1	2.00	No	Yes	PFFL	999
PFFV	EQUI	GLOBAL X FDSRATE PREFERRED	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PFFV	999
PFFV	OPTN	GLOBAL X VARIABLE RATE PREFERRED ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PFFV	999
PFG	EQUI	PRINCIPAL FINANCIAL GROUP INCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PFG	999
PFG	OPTN	PRINCIPAL FINANCIAL GROUP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PFG	999
2PFG	OPTN	PRINCIPAL FINANCIAL GROUP, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PFG	999
PFGC	EQUI	PERFORMANCE FOOD GROUP COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PFGC	999
PFGC	OPTN	Performance Food Group Company	Yes	Yes	25.00	37.50	100	1.00	No	No	PFGC	999
1PFGC	OPTN	Performance Food Group Company (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PFGC	999
PFI	EQUI	Invesco Dorsey Wright Financial Momentum ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PFI	999
PFI	OPTN	Invesco Dorsey Wright Financial Momentum ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PFI	999
PFIX	EQUI	SIMPLIFY EXCHANGE TRADED FUNSIMPLIFY INTERST	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PFIX	999
PFIX	OPTN	SIMPLIFY INTEREST RATE HEDGE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PFIX	999
PFLT	EQUI	PENNANTPARK FLOATING RATE CACOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PFLT	999
PFLT	OPTN	Pennantpark Floating Rate Capital Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	PFLT	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
PFM	EQUI	Invesco Dividend Achievers ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PFM	999
PFM	OPTN	Invesco Dividend Achievers ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PFM	999
PFS	EQUI	PROVIDENT FINL SVCS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PFS	999
PFS	OPTN	PROVIDENT FINANCIAL SERVICES, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	PFS	999
PFSI	EQUI	PennyMac Financial Services, Inc. Common Stock	Yes	Yes	0.00	0.00	1	1.00	No	No	PFSI	999
PFSI	OPTN	PennyMac Financial Services, Inc. Common Stock	Yes	Yes	25.00	37.50	100	1.00	No	No	PFSI	999
PFXF	EQUI	VANECK ETF TRUSTPREFERRED SECURT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PFXF	999
PFXF	OPTN	VANECK PREFERRED SECURITIES EX FINANCIALS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PFXF	999
PG	EQUI	PROCTER & GAMBLE CO	Yes	Yes	0.00	0.00	1	1.00	No	No	PG	999
PG	OPTN	PROCTER & GAMBLE	Yes	Yes	25.00	37.50	100	1.00	No	No	PG	999
2PG	OPTN	PROCTER & GAMBLE (Euro Flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	PG	999
PGC	EQUI	PEAPACK-GLADSTONE FINL CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PGC	999
PGC	OPTN	Peapack-Gladstone Financial Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	PGC	999
PGEN	EQUI	Precigen, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PGEN	999
PGEN	OPTN	Precigen, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PGEN	999
PGF	EQUI	Invesco Financial Preferred ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PGF	999
PGF	OPTN	Invesco Financial Preferred ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PGF	999
PGJ	EQUI	Invesco Golden Dragon China ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PGJ	999
PGJ	OPTN	Invesco Golden Dragon China ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PGJ	999
PGNY	EQUI	PROGYNY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PGNY	999
PGNY	OPTN	PROGYNY INC	Yes	Yes	25.00	37.50	100	1.00	No	No	PGNY	999
PGR	EQUI	PROGRESSIVE CORP OHIO	Yes	Yes	0.00	0.00	1	1.00	No	No	PGR	999
PGR	OPTN	PROGRESSIVE CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	PGR	999
2PGR	OPTN	PROGRESSIVE CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PGR	999
PGRE	EQUI	PARAMOUNT GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PGRE	999
PGRE	OPTN	Paramount Group Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PGRE	999
PGX	EQUI	Invesco Preferred ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PGX	999
PGX	OPTN	Invesco Preferred ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PGX	999
PGY	EQUI	PAGAYA TECHNOLOGIES LTDCL A SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	PGY	999
PGY	OPTN	PAGAYA TECHNOLOGIES LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	PGY	999
PGY1	OPTN	PAGAYA TECHNOLOGIES LTD (1:12 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	PGY	999
PGYWW	WARR	PAGAYA TECHNOLOGIES LTDCL A SHS (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	PGY	999
PH	EQUI	PARKER HANNIFIN CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PH	999
PH	OPTN	PARKER-HANNIFIN CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	PH	999
2PH	OPTN	PARKER-HANNIFIN CORP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PH	999
PHAT	EQUI	PHATHOM PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PHAT	999
PHAT	OPTN	PHATHOM PHARMACEUTICALS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PHAT	999
PHB	EQUI	Invesco Fundamental High Yield Corporate Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PHB	999
PHB	OPTN	Invesco Fundamental High Yield Corporate Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PHB	999
PHDG	EQUI	INVESCO ACTIVELY MANAGED EXCS&P500 DOWNSID	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PHDG	999
PHG	EQUI	Koninklijke Philips N.V.	Yes	Yes	0.00	0.00	1	1.00	No	No	PHG	999
PHG	OPTN	Koninklijke Philips N.V.	Yes	Yes	25.00	37.50	100	1.00	No	No	PHG	999
PHIN	EQUI	PHINIA INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	PHIN	999
PHIN	OPTN	PHINIA INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PHIN	999
PHLT	EQUI	Performant Healthcare, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PHLT	999
PHLT	OPTN	Performant Healthcare, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PHLT	999
PHM	EQUI	Pulte Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PHM	999
PHM	OPTN	Pulte Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PHM	999
2PHM	OPTN	Pulte Group, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PHM	999
PHO	EQUI	Invesco Water Resources ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PHO	999



RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
PHO	OPTN	Invesco Water Resources ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PHO	999
PHR	EQUI	PHREESIA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PHR	999
PHR	OPTN	PHREESIA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PHR	999
PHUN	EQUI	PHUNWARE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PHUN	999
PHUN	OPTN	PHUNWARE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	PHUN	999
PHUNW	WARR	PHUNWARE, INC. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	PHUN	999
PHX	EQUI	PHX Minerals Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PHX	999
PHX	OPTN	PHX Minerals Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PHX	999
PI	EQUI	IMPINJ INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PI	999
PI	OPTN	Impinj, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PI	999
PICB	EQUI	INVESCO EXCH TRADED FD TR IIINTL CORP BD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PICB	999
PICK	EQUI	ISHARESGL MET&MINPR ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PICK	999
PICK	OPTN	iShares MSCI Global Select Metals & Mining Produce	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PICK	999
PID	EQUI	Invesco International Dividend Achievers ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PID	999
PID	OPTN	Invesco International Dividend Achievers ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PID	999
PIE	EQUI	Invesco Dorsey WrightEmerging Markets Momentum ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PIE	999
PIE	OPTN	Invesco Dorsey WrightEmerging Markets Momentum ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PIE	999
PII	EQUI	Polaris Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PII	999
PII	OPTN	Polaris Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PII	999
1PII	OPTN	Polaris Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PII	999
PIN	EQUI	Invesco India ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PIN	999
PIN	OPTN	Invesco India ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PIN	999
PINC	EQUI	PREMIER INCCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	PINC	999
PINC	OPTN	Premier Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PINC	999
PINE	EQUI	ALPINE INCOME PPTY TR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PINE	999
PINE	OPTN	ALPINE INCOME PROPERTY TRUST, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PINE	999
PINK	EQUI	SIMPLIFY EXCHANGE TRADED FUNHEALTH CARE ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PINK	999
PINK	OPTN	SIMPLIFY HEALTH CARE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PINK	999
PINS	EQUI	PINTEREST INCCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	PINS	999
PINS	OPTN	Pinterest Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	PINS	999
2PINS	OPTN	Pinterest Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PINS	999
PIO	EQUI	Invesco Global Water ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PIO	999
PIO	OPTN	INVESCO GLOBAL WATER ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PIO	999
PIPR	EQUI	Piper Sandler Companies	Yes	Yes	0.00	0.00	1	1.00	No	No	PIPR	999
PIPR	OPTN	Piper Sandler Companies	Yes	Yes	25.00	37.50	100	1.00	No	No	PIPR	999
PIZ	EQUI	Invesco Dorsey WrightDeveloped Markets MomentumETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PIZ	999
PIZ	OPTN	Invesco Dorsey WrightDeveloped Markets MomentumETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PIZ	999
PJT	EQUI	PJT PARTNERS INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	PJT	999
PJT	OPTN	PJT Partners Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PJT	999
PK	EQUI	PARK HOTELS RESORTS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PK	999
PK	OPTN	Park Hotels & Resorts Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PK	999
PKB	EQUI	Invesco Building & Construction ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PKB	999
PKB	OPTN	Invesco Building & Construction ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PKB	999
PKBK	EQUI	PARKE BANCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PKBK	999
PKBK	OPTN	PARKE BANCORP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PKBK	999
PKE	EQUI	Park Aerospace Corp.	Yes	Yes	0.00	0.00	1	1.00	No	No	PKE	999
PKE	OPTN	Park Aerospace Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	PKE	999
PKG	EQUI	PACKAGING CORP AMER	Yes	Yes	0.00	0.00	1	1.00	No	No	PKG	999
PKG	OPTN	PACKAGING CORP OF AMERICA	Yes	Yes	25.00	37.50	100	1.00	No	No	PKG	999
2PKG	OPTN	PACKAGING CORP OF AMERICA (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PKG	999

## RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
PKOH	EQUI	PARK OHIO HLDGS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PKOH	999
PKOH	OPTN	Park-Ohio Holdings Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	PKOH	999
PKST	EQUI	PEAKSTONE REALTY TRUSTCOMMON SHARES	Yes	Yes	0.00	0.00	1	1.00	No	No	PKST	999
PKST	OPTN	PEAKSTONE REALTY TRUST	Yes	Yes	25.00	37.50	100	1.00	No	No	PKST	999
PKW	EQUI	Invesco BuyBack Achievers ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PKW	999
PKW	OPTN	Invesco BuyBack Achievers ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PKW	999
PKX	EQUI	POSCO Holdings Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PKX	999
PKX	OPTN	POSCO Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PKX	999
PL	EQUI	Planet Labs PBC Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	PL	999
PL	OPTN	Planet Labs PBC	Yes	Yes	25.00	37.50	100	1.00	No	No	PL	999
PLWS	WARR	Planet Labs PBC (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	PL	999
PLAB	EQUI	PHOTRONICS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	PLAB	999
PLAB	OPTN	PHOTRONICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PLAB	999
PLAY	EQUI	DAVE & BUSTERS ENTMT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PLAY	999
PLAY	OPTN	Dave and Buster's Entertainment Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PLAY	999
PLBY	EQUI	PLBY Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PLBY	999
PLBY	OPTN	PLBY GROUP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PLBY	999
PLCE	EQUI	Childrens Place, Inc. (The)	Yes	Yes	0.00	0.00	1	1.00	No	No	PLCE	999
PLCE	OPTN	Children's Place, Inc. (The)	Yes	Yes	25.00	37.50	100	1.00	No	No	PLCE	999
PLD	EQUI	ProLogis Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	PLD	999
PLD	OPTN	PROLOGIS	Yes	Yes	25.00	37.50	100	1.00	No	No	PLD	999
2PLD	OPTN	PROLOGIS (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PLD	999
PLG	EQUI	PLATINUM GROUP METALS LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PLG	999
PLG	OPTN	PLATINUM GROUP METALS LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	PLG	999
PLL	EQUI	Piedmont Lithium Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PLL	999
PLL	OPTN	Piedmont Lithium Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PLL	999
PLMR	EQUI	PALOMAR HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PLMR	999
PLMR	OPTN	PALOMAR HOLDINGS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	PLMR	999
PLNT	EQUI	PLANET FITNESS INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	PLNT	999
PLNT	OPTN	Planet Fitness Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PLNT	999
PLOW	EQUI	DOUGLAS DYNAMICS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	PLOW	999
PLOW	OPTN	Douglas Dynamics Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	PLOW	999
PLRX	EQUI	PLIANT THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PLRX	999
PLRX	OPTN	PLIANT THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PLRX	999
PLSE	EQUI	PULSE BIOSCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PLSE	999
PLSE	OPTN	Pulse Biosciences, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PLSE	999
PLTK	EQUI	PLAYTIKA HLDG CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PLTK	999
PLTK	OPTN	PLAYTIKA HOLDING CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	PLTK	999
PLTR	EQUI	PALANTIR TECHNOLOGIES INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	PLTR	999
PLTR	OPTN	PALANTIR TECHNOLOGIES INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PLTR	999
2PLTR	OPTN	PALANTIR TECHNOLOGIES INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PLTR	999
PLTW	EQUI	ROUNDHILL ETF TRUSTPLTR WEEKLYPAY E	Yes	Yes	0.00	0.00	1	1.20	Yes	No	PLTW	999
PLTW	OPTN	ROUNDHILL PLTR WEEKLYPAY ETF	Yes	Yes	25.00	37.50	100	1.20	Yes	No	PLTW	999
PLTY	EQUI	TIDAL TR IYIELDMAX PLTR OP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PLTY	999
PLTY	OPTN	YIELDMAX PLTR OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PLTY	999
PLUG	EQUI	PLUG POWER INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PLUG	999
PLUG	OPTN	PLUG POWER INC	Yes	Yes	25.00	37.50	100	1.00	No	No	PLUG	999
1PLUG	OPTN	PLUG POWER INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PLUG	999
PLUS	EQUI	EPLUS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PLUS	999
PLUS	OPTN	EPLUS iNC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PLUS	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
PLX	EQUI	PROTALIX BIOTHERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PLX	999
PLX	OPTN	Protalix BioTherapeutics Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PLX	999
PLXS	EQUI	PLEXUS CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	PLXS	999
PLXS	OPTN	PLEXUS CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	PLXS	999
PLYA	EQUI	PLAYA HOTELS & RESORTS NVSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	PLYA	999
PLYA	OPTN	PLAYA HOTELS & RESORTS	Yes	Yes	25.00	37.50	100	1.00	No	No	PLYA	999
PLYM	EQUI	PLYMOUTH INDL REIT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PLYM	999
PLYM	OPTN	PLYMOUTH INDUSTRIAL REIT, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PLYM	999
PM	EQUI	PHILIP MORRIS INTL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PM	999
PM	OPTN	Philip Morris International, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PM	999
2PM	OPTN	Philip Morris International, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PM	999
PMCB	EQUI	PHARMACYTE BIOTECH INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	PMCB	999
PMCB	OPTN	PHARMACYTE BIOTECH, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PMCB	999
PMT	EQUI	PENNYMAC MTG INVT TRCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PMT	999
PMT	OPTN	Pennymac Mortgage Investment Trust	Yes	Yes	25.00	37.50	100	1.00	No	No	PMT	999
PMVP	EQUI	PMV PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PMVP	999
PMVP	OPTN	PMV PHARMACEUTICALS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PMVP	999
PNC	EQUI	PNC FINL SVCS GROUP INC	Yes	Yes	0.00	0.00	1	1.00	No	No	PNC	999
PNC	OPTN	PNC FINANCIAL CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	PNC	999
2PNC	OPTN	PNC FINANCIAL CORP. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PNC	999
PNFP	EQUI	PINNACLE FINL PARTNERS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PNFP	999
PNFP	OPTN	Pinnacle Financial Partners, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PNFP	999
PNNT	EQUI	PENNANTPARK INVT CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PNNT	999
PNNT	OPTN	PennantPark Investment Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	PNNT	999
PNQI	EQUI	Invesco Nasdaq Internet ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PNQI	999
PNQI	OPTN	Invesco Nasdaq Internet ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PNQI	999
PNR	EQUI	Pentair plc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PNR	999
PNR	OPTN	Pentair plc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PNR	999
PNTG	EQUI	PENNANT GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PNTG	999
PNTG	OPTN	PENNANT GROUP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	PNTG	999
PNW	EQUI	PINNACLE WEST CAP CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	PNW	999
PNW	OPTN	PINNACLE WEST CAPITAL CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	PNW	999
PODD	EQUI	INSULET CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PODD	999
PODD	OPTN	Insulet Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	PODD	999
2PODD	OPTN	Insulet Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PODD	999
POET	EQUI	POET TECHNOLOGIES INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	POET	999
POET	OPTN	POET TECHNOLOGIES INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	POET	999
POOL	EQUI	POOL CORPORATIONCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	POOL	999
POOL	OPTN	Pool Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	POOL	999
POR	EQUI	PORTLAND GENERAL ELECTRIC CO	Yes	Yes	0.00	0.00	1	1.00	No	No	POR	999
POR	OPTN	PORTLAND GENERAL ELECTRIC COMPANY	Yes	Yes	25.00	37.50	100	1.00	No	No	POR	999
POST	EQUI	Post Holdings Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	POST	999
POST	OPTN	Post Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	POST	999
POTX	EQUI	GLOBAL X FDSCANNABIS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	POTX	999
POWA	EQUI	Invesco Bloomberg Pricing Power ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	POWA	999
POWA	OPTN	Invesco Bloomberg Pricing Power ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	POWA	999
POWI	EQUI	POWER INTEGRATIONS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	POWI	999
POWI	OPTN	Power Integrations Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	POWI	999
POWL	EQUI	POWELL INDS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	POWL	999
POWL	OPTN	POWELL INDUSTRIES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	POWL	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
POWW	EQUI	AMMO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	POWW	999
POWW	OPTN	AMMO INC	Yes	Yes	25.00	37.50	100	1.00	No	No	POWW	999
PP	EQUI	TIDAL ETF TR IITHE MEET KEVIN	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PP	999
PP	OPTN	MEET KEVIN PRICING POWER ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PP	999
PPA	EQUI	INVESCO EXCHANGE TRADED FD TAEROSPACE DEFN	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PPA	999
PPA	OPTN	INVESCO AEROSPACE & DEFENSE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PPA	999
PPBI	EQUI	PACIFIC PREMIER BANCORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PPBI	999
PPBI	OPTN	Pacific Premier Bancorp Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	PPBI	999
PPBT	EQUI	Purple Biotech Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	PPBT	999
PPBT	OPTN	Purple Biotech Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	PPBT	999
PPC	EQUI	PILGRIMS PRIDE CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PPC	999
PPC	OPTN	PILGRIMS PRIDE CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	PPC	999
PPG	EQUI	PPG INDS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	PPG	999
PPG	OPTN	PPG INDUSTRIES	Yes	Yes	25.00	37.50	100	1.00	No	No	PPG	999
2PPG	OPTN	PPG INDUSTRIES (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PPG	999
PPI	EQUI	Invstmnt Mngrs Srs Trst II Astoria Real Assets ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PPI	999
PPI	OPTN	Invstmnt Mngrs Srs Trst II Astoria Real Assets ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PPI	999
PPIH	EQUI	PERMA-PIPE INTL HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PPIH	999
PPIH	OPTN	PERMA-PIPE INTERNATIONAL HOLDINGS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	PPIH	999
PPL	EQUI	PPL CORPORATION	Yes	Yes	0.00	0.00	1	1.00	No	No	PPL	999
PPL	OPTN	PPL CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	PPL	999
1PPL	OPTN	PPL CORPORATION (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PPL	999
2PPL	OPTN	PPL CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PPL	999
PPLT	EQUI	ABRDN PLATINUM ETF TRUSTPHYSCL PLATM SHS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PPLT	999
PPLT	OPTN	ABRDN PHYSICAL PLATINUM SHARES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PPLT	999
PPSI	EQUI	PIONEER PWR SOLUTIONS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	PPSI	999
PPSI	OPTN	PIONEER POWER SOLUTIONS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PPSI	999
PPSI1	OPTN	PIONEER POWER SOLUTIONS, INC. (Cash Distribution)	Yes	Yes	25.00	37.50	100	1.00	No	No	PPSI	999
PPTA	EQUI	PERPETUA RESOURCES CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PPTA	999
PPTA	OPTN	PERPETUA RESOURCES CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	PPTA	999
1PPTA	OPTN	PERPETUA RESOURCES CORP. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PPTA	999
PR	EQUI	Permian Resources Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	PR	999
PR	OPTN	Permian Resources Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	PR	999
PRA	EQUI	PROASSURANCE CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	PRA	999
PRA	OPTN	ProAssurance Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	PRA	999
PRAA	EQUI	PRA Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PRAA	999
PRAA	OPTN	PRA Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PRAA	999
PRAX	EQUI	PRAXIS PRECISION MEDICINES ICOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PRAX	999
PRAX	OPTN	PRAXIS PRECISION MEDICINES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PRAX	999
1PRAX	OPTN	PRAXIS PRECISION MEDICINES, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PRAX	999
PRCH	EQUI	Porch Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PRCH	999
PRCH	OPTN	PORCH GROUP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PRCH	999
PRCT	EQUI	PROCEPT BIOROBOTICS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PRCT	999
PRCT	OPTN	PROCEPT BIOROBOTICS CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	PRCT	999
PRDO	EQUI	Perdoceo Education Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	PRDO	999
PRDO	OPTN	Perdoceo Education Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	PRDO	999
PRF	EQUI	Invesco RAFI US 1000 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PRF	999
PRF	OPTN	Invesco RAFI US 1000 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PRF	999
PRFZ	EQUI	Invesco RAFI US 1500 Small-Mid ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PRFZ	999
PRFZ	OPTN	Invesco RAFI US 1500 Small-Mid ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PRFZ	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
PRG	EQUI	PROG HOLDINGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PRG	999
PRG	OPTN	PROG Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PRG	999
PRGO	EQUI	Perrigo Company plc (NEW)	Yes	Yes	0.00	0.00	1	1.00	No	No	PRGO	999
PRGO	OPTN	PERRIGO COMPANY	Yes	Yes	25.00	37.50	100	1.00	No	No	PRGO	999
PRGS	EQUI	PROGRESS SOFTWARE CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	PRGS	999
PRGS	OPTN	PROGRESS SOFTWARE CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	PRGS	999
PRI	EQUI	PRIMERICA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PRI	999
PRI	OPTN	Primerica Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PRI	999
PRIM	EQUI	PRIMORIS SVCS CORPC	Yes	Yes	0.00	0.00	1	1.00	No	No	PRIM	999
PRIM	OPTN	Primoris Services Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	PRIM	999
PRK	EQUI	PARK NATL CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PRK	999
PRK	OPTN	Park National Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	PRK	999
PRKS	EQUI	United Parks & Resorts Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PRKS	999
PRKS	OPTN	United Parks & Resorts Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PRKS	999
PRLB	EQUI	PROTO LABS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PRLB	999
PRLB	OPTN	Proto Labs Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	PRLB	999
PRLD	EQUI	PRELUDE THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PRLD	999
PRLD	OPTN	PRELUDE THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PRLD	999
PRM	EQUI	Perimeter Solutions, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PRM	999
PRM	OPTN	Perimeter Solutions, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PRM	999
PRMB	EQUI	Primo Brands Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	PRMB	999
PRMB	OPTN	Primo Brands Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	PRMB	999
1PRMB	OPTN	Primo Brands Corporation (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PRMB	999
2PRMB	OPTN	Primo Brands Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PRMB	999
PRME	EQUI	PRIME MEDICINE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PRME	999
PRME	OPTN	PRIME MEDICINE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PRME	999
PRN	EQUI	Invesco Dorsey Wright Industrials Momentum ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PRN	999
PRN	OPTN	Invesco Dorsey Wright Industrials Momentum ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PRN	999
PRNT	EQUI	3D PRINTING ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PRNT	999
PRNT	OPTN	3D PRINTING ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PRNT	999
PRO	EQUI	PROS HOLDINGS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	PRO	999
PRO	OPTN	Pros Holdings Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	PRO	999
PROF	EQUI	PROFOUND MEDICAL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	PROF	999
PROF	OPTN	PROFOUND MEDICAL CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	PROF	999
PROK	EQUI	ProKidney Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	PROK	999
PROK	OPTN	PROKIDNEY CORP. CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	PROK	999
PROP	EQUI	PRAIRIE OPER COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PROP	999
PROP	OPTN	PRAIRIE OPERATING CO.	Yes	Yes	25.00	37.50	100	1.00	No	No	PROP	999
PRPH	EQUI	PROPHASE LABS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PRPH	999
PRPH	OPTN	PROPHASE LABS, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	PRPH	999
PRPL	EQUI	PURPLE INNOVATION INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PRPL	999
PRPL	OPTN	PURPLE INNOVATION, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PRPL	999
PRQR	EQUI	PROQR THRPEUTICS N V	Yes	Yes	0.00	0.00	1	1.00	No	No	PRQR	999
PRQR	OPTN	Proqr Therapeutics N.V.	Yes	Yes	25.00	37.50	100	1.00	No	No	PRQR	999
PRSU	EQUI	Pursuit Attractions and Hospitality, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PRSU	999
PRSU	OPTN	Pursuit Attractions and Hospitality, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PRSU	999
PRTA	EQUI	PROTHENA CORP PLCSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	PRTA	999
PRTA	OPTN	Prothena Corporation PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	PRTA	999
PRTH	EQUI	PRIORITY TECHNOLOGY HLDGS INCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PRTH	999
PRTH	OPTN	PRIORITY TECHNOLOGY HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PRTH	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
PRTS	EQUI	CarParts.com, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PRTS	999
PRTS	OPTN	CarParts.com, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PRTS	999
PRU	EQUI	PRUDENTIAL FINL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PRU	999
PRU	OPTN	PRUDENTIAL FINANCIAL, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PRU	999
1PRU	OPTN	PRUDENTIAL FINANCIAL, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PRU	999
2PRU	OPTN	PRUDENTIAL FINANCIAL, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PRU	999
PRVA	EQUI	PRIVIA HEALTH GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PRVA	999
PRVA	OPTN	PRIVIA HEALTH GROUP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	PRVA	999
PSA	EQUI	PUBLIC STORAGE COM	Yes	Yes	0.00	0.00	1	1.00	No	No	PSA	999
PSA	OPTN	Public Storage	Yes	Yes	25.00	37.50	100	1.00	No	No	PSA	999
2PSA	OPTN	Public Storage (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PSA	999
PSC	EQUI	PRINCIPAL EXCHANGE TRADED FDPRIN U S SMALL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PSC	999
PSCC	EQUI	INVESCO EXCH TRADED FD TR IIS&P SMLCP STAP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PSCC	999
PSCC	OPTN	INVESCO S&P SMALLCAP CONSUMER STAPLES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PSCC	999
PSCD	EQUI	INVESCO EXCH TRADED FD TR IIS&P SMLCP DISC	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PSCD	999
PSCD	OPTN	INVESCO S&P SMALLCAP CONSUMER DISCRETIONARY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PSCD	999
PSCE	EQUI	INVESCO EXCH TRADED FD TR IIS&P SMLCP ENGY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PSCE	999
PSCE	OPTN	INVESCO S&P SMALLCAP ENERGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PSCE	999
PSCF	EQUI	INVESCO EXCH TRADED FD TR IIS&P SMLCP FINL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PSCF	999
PSCF	OPTN	INVESCO S&P SMALLCAP FINANCIALS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PSCF	999
PSCH	EQUI	Invesco S&P SmallCap Health Care ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PSCH	999
PSCH	OPTN	Invesco S&P SmallCap Health Care ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PSCH	999
PSCI	EQUI	INVESCO EXCH TRADED FD TR IIS&P SMLCP INDL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PSCI	999
PSCI	OPTN	INVESCO S&P SMALLCAP INDUSTRIALS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PSCI	999
PSCM	EQUI	INVESCO EXCH TRADED FD TR IIS&P SMLCP MATL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PSCM	999
PSCM	OPTN	INVESCO S&P SMALLCAP MATERIALS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PSCM	999
PSCT	EQUI	INVESCO EXCH TRADED FD TR IIS&P SMLCP INFO	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PSCT	999
PSCT	OPTN	INVESCO S&P SMALLCAP INFORMATION TECHNOLOGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PSCT	999
PSCU	EQUI	INVESCO EXCH TRADED FD TR IIS&P SMLCP UTIL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PSCU	999
PSEC	EQUI	PROSPECT CAPITAL CORPORATION COM	Yes	Yes	0.00	0.00	1	1.00	No	No	PSEC	999
PSEC	OPTN	Prospect Captial Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	PSEC	999
PSEP	EQUI	Innovator U.S. Equity Power Buffer ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PSEP	999
PSEP	OPTN	Innovator U.S. Equity Power Buffer ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PSEP	999
PSFE	EQUI	Paysafe Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	PSFE	999
PSFE	OPTN	Paysafe Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	PSFE	999
PSFEWS	WARR	Paysafe Limited (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	PSFE	999
PSFF	EQUI	PACER FDS TRSWAN SOS FD OF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PSFF	999
PSI	EQUI	Invesco Semiconductors ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PSI	999
PSI	OPTN	Invesco Semiconductors ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PSI	999
PSIL	EQUI	ADVISORSHARES TRPSYCHEDELICS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PSIL	999
PSIL	OPTN	ADVISORSHARES PSYCHEDELICS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PSIL	999
PSK	EQUI	SPDR SER TRICE PFD SEC ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PSK	999
PSK	OPTN	SPDR ICE PREFERRED SECURITIES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PSK	999
PSL	EQUI	Invesco Dorsey WrightConsumer Staples Momentum ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PSL	999
PSL	OPTN	Invesco Dorsey WrightConsumer Staples Momentum ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PSL	999
PSMT	EQUI	PRICESMART INC	Yes	Yes	0.00	0.00	1	1.00	No	No	PSMT	999
PSMT	OPTN	PriceSmart, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PSMT	999
PSN	EQUI	PARSONS CORPORATION COM	Yes	Yes	0.00	0.00	1	1.00	No	No	PSN	999
PSN	OPTN	PARSONS CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	PSN	999
PSNL	EQUI	PERSONALIS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PSNL	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
PSNL	OPTN	PERSONALIS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PSNL	999
PSNY	EQUI	Polestar Automotive Holding UK PLC Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	PSNY	999
PSNY	OPTN	Polestar Automotive Holding UK PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	PSNY	999
PSNYW	WARR	Polestar Automotive Holding UK PLC (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	PSNY	999
PSO	EQUI	PEARSON PLC	Yes	Yes	0.00	0.00	1	1.00	No	No	PSO	999
PSO	OPTN	Pearson PLC ADS	Yes	Yes	25.00	37.50	100	1.00	No	No	PSO	999
PSP	EQUI	Invesco Global Listed Private Equity ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PSP	999
PSP	OPTN	Invesco Global Listed Private Equity ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PSP	999
PSQH	EQUI	PSQ Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PSQH	999
PSQH	OPTN	PSQ Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PSQH	999
PSQHWS	WARR	PSQ Holdings, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	PSQH	999
PSR	EQUI	INVESCO ACTIVELY MANAGED ETFACTIVE US REAL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PSR	999
PSR	OPTN	INVESCO ACTIVE U.S. REAL ESTATE FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PSR	999
PSTG	EQUI	PURE STORAGE INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	PSTG	999
PSTG	OPTN	Pure Storage Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	PSTG	999
PSTL	EQUI	POSTAL REALTY TRUST INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	PSTL	999
PSTL	OPTN	POSTAL REALTY TRUST INC CL A	Yes	Yes	25.00	37.50	100	1.00	No	No	PSTL	999
PSWD	EQUI	DBX ETF TRXTRACKERS CYBER	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PSWD	999
PSWD	OPTN	XTRACKERS CYBERSECURITY SELECT EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PSWD	999
PSX	EQUI	PHILLIPS 66COM	Yes	Yes	0.00	0.00	1	1.00	No	No	PSX	999
PSX	OPTN	Phillips 66	Yes	Yes	25.00	37.50	100	1.00	No	No	PSX	999
2PSX	OPTN	Phillips 66 (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PSX	999
PTBD	EQUI	PACER FDS TRTRENDPILOT US BD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PTBD	999
PTBD	OPTN	PACER TRENDPILOT US BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PTBD	999
PTC	EQUI	PTC Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PTC	999
PTC	OPTN	PTC Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PTC	999
PTCT	EQUI	PTC THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PTCT	999
PTCT	OPTN	PTC Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PTCT	999
2PTCT	OPTN	PTC Therapeutics, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PTCT	999
PTEC	EQUI	GLOBAL X FDSPROPTECH ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PTEC	999
PTEC	OPTN	GLOBAL X PROPTECH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PTEC	999
PTEN	EQUI	PATTERSON UTI ENERGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PTEN	999
PTEN	OPTN	PATTERSON-UTI ENERGY INC	Yes	Yes	25.00	37.50	100	1.00	No	No	PTEN	999
PTF	EQUI	Invesco Dorsey Wright Technology Momentum ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PTF	999
PTF	OPTN	Invesco Dorsey Wright Technology Momentum ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PTF	999
PTGX	EQUI	PROTAGONIST THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PTGX	999
PTGX	OPTN	PROTAGONIST THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PTGX	999
PTH	EQUI	Invesco Dorsey Wright Healthcare Momentum ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PTH	999
PTH	OPTN	Invesco Dorsey Wright Healthcare Momentum ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PTH	999
PTIR	EQUI	GRANITESHARES ETF TR2X LONG PLTR	Yes	Yes	0.00	0.00	1	2.00	Yes	No	PTIR	999
PTIR	OPTN	GRANITESHARES 2X LONG PLTR DAILY ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	PTIR	999
PTLC	EQUI	Packer Trendpilot US Large CAP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PTLC	999
PTLC	OPTN	PACER TRENDPILOT US LARGE CAP ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PTLC	999
PTLO	EQUI	PORTILLOS INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	PTLO	999
PTLO	OPTN	PORTILLOS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	PTLO	999
PTMC	EQUI	PACER FDS TRTRENDP US MID CP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PTMC	999
PTMN	EQUI	Portman Ridge Finance Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	PTMN	999
PTMN	OPTN	Portman Ridge Finance Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	PTMN	999
PTN	EQUI	PALATIN TECHNOLOGIES INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	PTN	999
PTN	OPTN	PALATIN TECHNOLOGIES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PTN	999

## RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
PTNQ	EQUI	PACER NASDAQ-100 TRENDPILOT ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PTNQ	999
PTNQ	OPTN	PACER NASDAQ-100 TRENDPILOT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PTNQ	999
PTON	EQUI	PELTON INTERACTIVE INCCL A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	PTON	999
PTON	OPTN	PELTON INTERACTIVE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PTON	999
PTVE	OPTN	PACTIV EVERGREEN, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PTVE	999
PUBM	EQUI	PUBMATIC INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	PUBM	999
PUBM	OPTN	PUBMATIC INC	Yes	Yes	25.00	37.50	100	1.00	No	No	PUBM	999
PUI	EQUI	Invesco Dorsey Wright Utilities Momentum ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PUI	999
PUI	OPTN	Invesco Dorsey Wright Utilities Momentum ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PUI	999
PUK	EQUI	PRUDENTIAL PLC	Yes	Yes	0.00	0.00	1	1.00	No	No	PUK	999
PUK	OPTN	Prudential PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	PUK	999
PULS	EQUI	PGIM ETF TRULTRA SHORT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PULS	999
PULS	OPTN	PGIM ULTRA SHORT BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PULS	999
PUMP	EQUI	PROPETRO HLDG CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PUMP	999
PUMP	OPTN	ProPetro Holding Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	PUMP	999
PUTW	EQUI	WisdomTree PutWrite Strategy Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PUTW	999
PUTW	OPTN	WisdomTree PutWrite Strategy Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PUTW	999
PVBC	EQUI	PROVIDENT BANCORP INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	PVBC	999
PVBC	OPTN	PROVIDENT BANCORP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	PVBC	999
PVH	EQUI	PVH Corp.	Yes	Yes	0.00	0.00	1	1.00	No	No	PVH	999
PVH	OPTN	PVH Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	PVH	999
1PVH	OPTN	PVH Corp. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PVH	999
PVL	EQUI	Permianville Royalty Trust	Yes	Yes	0.00	0.00	1	1.00	No	No	PVL	999
PVL	OPTN	Permianville Royalty Trust	Yes	Yes	25.00	37.50	100	1.00	No	No	PVL	999
PVLA	EQUI	Palvella Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	PVLA	999
PVLA	OPTN	PALVELLA THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PVLA	999
PWB	EQUI	Invesco Large Cap Growth ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PWB	999
PWB	OPTN	Invesco Large Cap Growth ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PWB	999
BMVP	EQUI	INVESCO EXCHANGE TRADED FD TBLOOMBERG MVP MU	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PWC	999
PWP	EQUI	Perella Weinberg Partners Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	PWP	999
PWP	OPTN	Perella Weinberg Partners	Yes	Yes	25.00	37.50	100	1.00	No	No	PWP	999
PWR	EQUI	QUANTA SVCS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	PWR	999
PWR	OPTN	QUANTA SERVICES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PWR	999
1PWR	OPTN	QUANTA SERVICES, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PWR	999
2PWR	OPTN	QUANTA SERVICES, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PWR	999
PWV	EQUI	Invesco Large Cap Value ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PWV	999
PWV	OPTN	Invesco Large Cap Value ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PWV	999
PX	EQUI	P10 INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	PX	999
PX	OPTN	P10, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PX	999
PXE	EQUI	Invesco Energy Exploration & Production ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PXE	999
PXE	OPTN	Invesco Energy Exploration & Production ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PXE	999
PXF	EQUI	Invesco RAFI Developed Markets ex-U.S. ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PXF	999
PXF	OPTN	Invesco RAFI Developed Markets ex-U.S. ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PXF	999
PXI	EQUI	Invesco Dorsey Wright Energy Momentum ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PXI	999
PXI	OPTN	Invesco Dorsey Wright Energy Momentum ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PXI	999
PXLW	EQUI	PIXELWORKS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	PXLW	999
PXLW	OPTN	Pixelworks Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	PXLW	999
PY	EQUI	PRINCIPAL EXCHANGE TRADED FDPRNCPL VLU ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PY	999
PYCR	EQUI	PAYCOR HCM INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PYCR	999
PYCR	OPTN	PAYCOR HCM, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PYCR	999



RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
PYPL	EQUI	PAYPAL HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	PYPL	999
PYPL	OPTN	PayPal Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	PYPL	999
1PYPL	OPTN	PayPal Holdings, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PYPL	999
2PYPL	OPTN	PayPal Holdings, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	PYPL	999
PYPY	EQUI	TIDAL ETF TR IYIELDMAX PYPL OP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PYPY	999
PYPY	OPTN	YIELDMAX PYPL OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PYPY	999
PYXS	EQUI	PYXIS ONCOLOGY INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	PYXS	999
PYXS	OPTN	PYXIS ONCOLOGY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	PYXS	999
PYZ	EQUI	Invesco Dorsey Wright Basic Materials Momentum ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	PYZ	999
PYZ	OPTN	Invesco Dorsey Wright Basic Materials Momentum ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	PYZ	999
PZZA	EQUI	PAPA JOHNS INTL INC	Yes	Yes	0.00	0.00	1	1.00	No	No	PZZA	999
PZZA	OPTN	PAPA JOHN'S INTL. INC	Yes	Yes	25.00	37.50	100	1.00	No	No	PZZA	999
QABA	EQUI	FIRST TR NASDAQ ABA CMNTY BKUT COM SHS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QABA	999
QABA	OPTN	Community Bank Index Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QABA	999
QAI	EQUI	NYLI Hedge Multi-Strategy Tracker ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QAI	999
QAI	OPTN	NYLI Hedge Multi-Strategy Tracker ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QAI	999
QBTS	EQUI	D-Wave Quantum Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	QBTS	999
QBTS	OPTN	D-WAVE QUANTUM INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	QBTS	999
QBTSWS	WARR	D-WAVE QUANTUM INC. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	QBTS	999
QCLN	EQUI	FIRST TR EXCHANGE-TRADED FDNAS CLNEDG GREEN	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QCLN	999
QCLN	OPTN	FIRST TRUST NASDAQ CLEAN EDGE GREEN	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QCLN	999
QCOM	EQUI	QUALCOMM INC	Yes	Yes	0.00	0.00	1	1.00	No	No	QCOM	999
QCOM	OPTN	Qualcomm Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	QCOM	999
1QCOM	OPTN	Qualcomm Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	QCOM	999
2QCOM	OPTN	Qualcomm Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	QCOM	999
QCRH	EQUI	QCR HOLDINGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	QCRH	999
QCRH	OPTN	QCR Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	QCRH	999
QD	EQUI	QUDIAN INCADR	Yes	Yes	0.00	0.00	1	1.00	No	No	QD	999
QD	OPTN	Qudian, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	QD	999
QDEF	EQUI	FLEXSHARES TRQLT DIV DEF IDX	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QDEF	999
QDEF	OPTN	FLEXSHARES QUALITY DIVIDEND DEFENSIVE INDEX FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QDEF	999
QDEL	EQUI	QuidelOrtho Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	QDEL	999
QDEL	OPTN	QuidelOrtho Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	QDEL	999
QDF	EQUI	FLEXSHARES TRQUALT DIVD IDX	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QDF	999
QDF	OPTN	FLEXSHARES QUALITY DIVIDEND INDEX FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QDF	999
QDIV	EQUI	GLOBAL X FDSS&P 500 QLT ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QDIV	999
QDIV	OPTN	GLOBAL X S&P 500 QUALITY DIVIDEND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QDIV	999
2QDIV	OPTN	GLOBAL X S&P 500 QUALITY DIVIDEND ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QDIV	999
QDPL	EQUI	PACER FDS TRMETAURUS CAP 400	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QDPL	999
QDPL	OPTN	PACER METEURUS US LARGE CAP DIVIDEND MULTI 400	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QDPL	999
QDTE	EQUI	Roundhill Innovation100 0DTE Covered Call Strategy	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QDTE	999
QDTE	OPTN	Roundhill Innovation-100 0DTE Covered Call Strateg	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QDTE	999
QEMM	EQUI	SPDR INDEX SHS FDSMSCI EMRG MKTS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QEMM	999
QEMM	OPTN	SPDR MSCI EMERGING MARKETS STRATEGICFACTORS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QEMM	999
QFIN	EQUI	Qifu Technology, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	QFIN	999
QFIN	OPTN	Qifu Technology, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	QFIN	999
QGEN	EQUI	QIAGEN N VORD	Yes	Yes	0.00	0.00	1	1.00	No	No	QGEN	999
QGEN	OPTN	QIAGEN N V	Yes	Yes	25.00	37.50	100	1.00	No	No	QGEN	999
QGEN1	OPTN	QIAGEN N V (Share Consolidation)	Yes	Yes	25.00	37.50	100	1.00	No	No	QGEN	999
2QGEN	OPTN	QIAGEN N V (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	QGEN	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
QGRO	EQUI	AMERICAN CENTY ETF TRUS QUALITY GROW	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QGRO	999
QGRO	OPTN	AMERICAN CENTURY STOXX U.S. QUALITY GROWTH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QGRO	999
QGRW	EQUI	WISDOMTREE TRUS QUALITY GROW	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QGRW	999
QGRW	OPTN	WISDOMTREE U.S. QUALITY GROWTH FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QGRW	999
QUIPT	EQUI	QUIPT HOME MEDICAL CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	QUIPT	999
QUIPT	OPTN	QUIPT HOME MEDICAL CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	QUIPT	999
QLTA	EQUI	ISHARES TRA RATE CP BD ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QLTA	999
QLV	EQUI	FLEXSHARES TRUS QT LW VLTY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QLV	999
QLYS	EQUI	QUALYS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	QLYS	999
QLYS	OPTN	Qualys Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	QLYS	999
QMOM	EQUI	MOMENTUMSHARES US QUANTITATIVE MOMEMENTUM ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QMOM	999
QMOM	OPTN	MOMENTUMSHARES US QUANTITATIVE MOMEMENTUM ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QMOM	999
QNCX	EQUI	Quince Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	QNCX	999
QNCX	OPTN	Quince Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	QNCX	999
QNST	EQUI	QUINSTREET INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	QNST	999
QNST	OPTN	Quinstreet, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	QNST	999
QNTM	EQUI	Quantum Biopharma Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	QNTM	999
HUGE1	OPTN	FSD PHARMA INC. (Plan of arrangement)	Yes	Yes	25.00	37.50	100	1.00	No	No	QNTM	999
QNXT	EQUI	ISHARES TRNASDAQ-100 EX	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QNXT	999
QNXT	OPTN	ISHARES NASDAQ-100 EX TOP 30 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QNXT	999
QPFF	EQUI	AMERICAN CENTURY QUALITY PREFERRED	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QPFF	999
QPFF	OPTN	AMERICAN CENTURY QUALITY PREFERRED ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QPFF	999
QPX	EQUI	ADVISORSHARES TRQ DYNAMIC GROWTH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QPX	999
QPX	OPTN	ADVISORSHARES Q DYNAMIC GROWTH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QPX	999
QQH	EQUI	NORTHERN LTS FD TR IIIHCM DEFND 100	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QQH	999
QQH	OPTN	HCM DEFENDER 100 INDEX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QQH	999
QQQA	EQUI	PROSHARES TRNASDAQ100 DORSEY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QQQA	999
QQQA	OPTN	PROSHARES NASDAQ-100 DORSEY WRIGHT MOMENTUM	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QQQA	999
QQQD	EQUI	DIREXION SHS ETF TRDLY MAG 7 BEAR 1	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	QQQD	999
QQQU	EQUI	DIREXION SHS ETF TRDLY MAG 7 BULL 2	Yes	Yes	0.00	0.00	1	2.00	Yes	No	QQQD	999
QQQH	EQUI	NEOS Nasdaq-100 Hedged Equity Income ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QQQH	999
QQQH	OPTN	NEOS Nasdaq-100 Hedged Equity Income ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QQQH	999
QQQH1	OPTN	NEOS Nasdaq-100 Hedged Equity Income ETF (50 Shrs)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QQQH	999
QQQI	EQUI	NEOS ETF TRUSTNASDAQ 100 HIGH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QQQI	999
QQQI	OPTN	NEOS NASDAQ 100 HIGH INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QQQI	999
QQQJ	EQUI	INVESCO NASDAQ NEXT GEN 100 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QQQJ	999
QQQJ	OPTN	INVESCO NASDAQ NEXT GEN 100 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QQQJ	999
QQQP	EQUI	INVESTMENT MANAGERS SER TR ITRADR 2X LNG TRI	Yes	Yes	0.00	0.00	1	2.00	Yes	No	QQQP	999
QQQP	OPTN	TRADR 2X LONG TRIPLE Q QUARTERLY ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	QQQP	999
QQQT	EQUI	TIDAL TR IDEFIANCE NASDAQ	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QQQT	999
QQQT	OPTN	DEFIANCE NASDAQ 100 INCOME TARGET ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QQQT	999
QQQW	EQUI	INVESTMENT MANAGERS SER TR ITRADR 2X LONG TR	Yes	Yes	0.00	0.00	1	2.00	Yes	No	QQQW	999
QQQW	OPTN	TRADR 2X LONG TRIPLE Q WEEKLY ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	QQQW	999
QQQY	EQUI	Defiance Nasdaq 100 Enhanced Options & 0DTE Income	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QQQY	999
QQQY	OPTN	Defiance Nasdaq 100 Enhanced Options & 0DTE Income	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QQQY	999
QQQY1	OPTN	Defiance Nasdaq 100 Enhanced Options & 0DTE (1:3)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QQQY	999
QQXT	EQUI	FIRST TR EXCHANGE-TRADED FDNASDAQ 100 EX	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QQXT	999
QQXT	OPTN	FIRST TRUST NASDAQ-100 EX-TECHNOLOGY SECTOR	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QQXT	999
QRFT	EQUI	EXCHANGE LISTED FDS TRQRAFT AI ENHCD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QRFT	999
QRFT	OPTN	QRAFT AI-ENHANCED U.S. LARGE CAP ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QRFT	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
QRHC	EQUI	QUEST RESOURCE HLDG CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	QRHC	999
QRHC	OPTN	QUEST RESOURCE HOLDING CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	QRHC	999
QRMI	EQUI	GLOBAL X FDSNASDAQ 100 RIS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QRMI	999
QRMI	OPTN	GLOBAL X NASDAQ 100 RISK MANAGED INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QRMI	999
QRVO	EQUI	Qorvo Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	QRVO	999
QRVO	OPTN	Qorvo, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	QRVO	999
QS	EQUI	QuantumScape Corporation Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	QS	999
QS	OPTN	QuantumScape Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	QS	999
2QS	OPTN	QuantumScape Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	QS	999
QSI	EQUI	Quantum-Si Incorporated Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	QSI	999
QSI	OPTN	Quantum-Si Incorporated	Yes	Yes	25.00	37.50	100	1.00	No	No	QSI	999
QSIAW	WARR	Quantum-Si Incorporated Class A (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	QSI	999
QSR	EQUI	RESTAURANT BRANDS INTL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	QSR	999
QSR	OPTN	Restaurant Brands International Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	QSR	999
2QSR	OPTN	Restaurant Brands International Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	QSR	999
QTEC	EQUI	FIRST TR NASDAQ100 TECH INDESHS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QTEC	999
QTEC	OPTN	First Trust NASDAQ-100 Technology Index Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QTEC	999
QTRX	EQUI	QUANTERIX CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	QTRX	999
QTRX	OPTN	QUANTERIX CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	QTRX	999
QTTB	EQUI	Q32 Bio Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	QTTB	999
QTTB	OPTN	Q32 BIO INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	QTTB	999
QTUM	EQUI	ETF SER SOLUTIONSDEFIANCE QUANT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QTUM	999
QTUM	OPTN	DEFIANCE QUANTUM ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QTUM	999
QTWO	EQUI	Q2 HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	QTWO	999
QTWO	OPTN	Q2 Holdings Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	QTWO	999
2QTWO	OPTN	Q2 Holdings Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	QTWO	999
QUAD	EQUI	QUAD / GRAPHICS INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	QUAD	999
QUAD	OPTN	Quad/Graphics Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	QUAD	999
QUAL	EQUI	iShares MSCI USA Quality Factor ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QUAL	999
QUAL	OPTN	iShares MSCI USA Quality Factor ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QUAL	999
QUBT	EQUI	QUANTUM COMPUTING INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	QUBT	999
QUBT	OPTN	QUANTUM COMPUTING INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	QUBT	999
QUIK	EQUI	QUICKLOGIC CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	QUIK	999
QUIK	OPTN	QuickLogic Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	QUIK	999
QULL	EQUI	UBS AG LONDON BRANCHNT LKD 51	Yes	No	0.00		1	2.00	No	Yes	QULL	999
QURE	EQUI	UNIQUIRE NVSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	QURE	999
QURE	OPTN	uniQure B.V.	Yes	Yes	25.00	37.50	100	1.00	No	No	QURE	999
QUS	EQUI	SPDR SER TRMSCI USA STRTGIC	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QUS	999
QUS	OPTN	SPDR MSCI USA STRATEGICFACTORS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QUS	999
QVCGA	EQUI	QVC Group, Inc. Series A	Yes	Yes	0.00	0.00	1	1.00	No	No	QVCGA	999
QVCGA	OPTN	QVC Group, Inc. Series A	Yes	Yes	25.00	37.50	100	1.00	No	No	QVCGA	999
QWLD	EQUI	SPDR INDEX SHS FDSMSCI WRLD STRGIC	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QWLD	999
QWLD	OPTN	SPDR MSCI WORLD STRATEGICFACTORS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QWLD	999
QXO	EQUI	QXO, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	QXO	999
QXO	OPTN	QXO, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	QXO	999
QYLD	EQUI	GLOBAL X FDSNASDAQ 100 COVER	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QYLD	999
QYLD	OPTN	GLOBAL X NASDAQ 100 COVERED CALL ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QYLD	999
QYLE	EQUI	GLOBAL X FDSNASDAQ 100 ESG	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QYLE	999
QYLE	OPTN	GLOBAL X NASDAQ 100 ESG COVERED CALL ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QYLE	999
QYLG	EQUI	GLOBAL X FDSNASDQ 100 CVRDGW	Yes	Yes	0.00	0.00	1	1.00	Yes	No	QYLG	999

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QYLG	OPTN	GLOBAL X NASDAQ 100 COVERED CALL & GROWTH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	QYLG	999
R	EQUI	RYDER SYS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	R	999
R	OPTN	RYDER SYSTEMS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	R	999
RAAX	EQUI	VanEck Real Assets ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RAAX	999
RAAX	OPTN	VanEck Real Assets ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RAAX	999
RACE	EQUI	FERRARI N VCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RACE	999
RACE	OPTN	Ferrari N.V	Yes	Yes	25.00	37.50	100	1.00	No	No	RACE	999
2RACE	OPTN	Ferrari N.V (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	RACE	999
RAIL	EQUI	Freightcar America, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	RAIL	999
RAIL	OPTN	Freight Car America Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	RAIL	999
RAMP	EQUI	LiveRamp Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	RAMP	999
RAMP	OPTN	LiveRamp Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RAMP	999
RANI	EQUI	RANI THERAPEUTICS HLDGS INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	RANI	999
RANI	OPTN	RANI THERAPEUTICS HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RANI	999
RAPP	EQUI	RAPPORT THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RAPP	999
RAPP	OPTN	RAPPORT THERAPEUTICS, INC. COMMON STOCK	Yes	Yes	25.00	37.50	100	1.00	No	No	RAPP	999
RAPT	EQUI	RAPT THERAPEUTICS, INC.	Yes	Yes	0.00	0.00	1	1.00	No	No	RAPT	999
RAPT	OPTN	RAPT THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RAPT	999
RARE	EQUI	ULTRAGENYX PHARMACEUTICAL INCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RARE	999
RARE	OPTN	Ultragenyx Pharmaceutical Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RARE	999
RAVE	EQUI	Rave Restaurant Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	RAVE	999
RAVE	OPTN	RAVE Restaurant Group, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	RAVE	999
RAVI	EQUI	FLEXSHARES TRFLEXSHARES ULTRA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RAVI	999
RAYS	EQUI	GLOBAL X FDSSOLAR ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RAYS	999
RAYS	OPTN	GLOBAL X SOLAR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RAYS	999
RBA	EQUI	RB Global, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	RBA	999
RBA	OPTN	RB Global, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RBA	999
RBB	EQUI	RBB BANCORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RBB	999
RBB	OPTN	RBB BANCORP	Yes	Yes	25.00	37.50	100	1.00	No	No	RBB	999
RBBN	EQUI	Ribbon Communications Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	RBBN	999
RBBN	OPTN	Ribbon Communications Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RBBN	999
1RBBN	OPTN	Ribbon Communications Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	RBBN	999
RBC	EQUI	RBC BEARINGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RBC	999
RBC	OPTN	RBC Bearings Incorporated	Yes	Yes	25.00	37.50	100	1.00	No	No	RBC	999
RBCAA	EQUI	REPUBLIC BANCORP KY	Yes	Yes	0.00	0.00	1	1.00	No	No	RBCAA	999
RBCAA	OPTN	Republic Bancorp Inc (Kentucky) Class A	Yes	Yes	25.00	37.50	100	1.00	No	No	RBCAA	999
RBLD	EQUI	First Trust Alerian US NextGen Infrastructure ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RBLD	999
RBLD	OPTN	First Trust Alerian US NextGen Infrastructure ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RBLD	999
RBLU	EQUI	ETF OPPORTUNITIES TRUSTT REX 2X LONG RE	Yes	Yes	0.00	0.00	1	2.00	Yes	No	RBLU	999
RBLU	OPTN	T-REX 2X LONG RBLX DAILY TARGET ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	RBLU	999
RBLX	EQUI	ROBLOX CORPCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	RBLX	999
RBLX	OPTN	ROBLOX CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	RBLX	999
2RBLX	OPTN	ROBLOX CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	RBLX	999
RBOT	EQUI	Vicarious Surgical Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	RBOT	999
RBOTWS	WARR	Vicarious Surgical Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	RBOT	999
RBRK	EQUI	RUBRIK INC.CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	RBRK	999
RBRK	OPTN	RUBRIK, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RBRK	999
RC	EQUI	Ready Captial Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	RC	999
RC	OPTN	READY CAPITAL CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	RC	999
RCAT	EQUI	RED CAT HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RCAT	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
RCAT	OPTN	RED CAT HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RCAT	999
RCEL	EQUI	Avita Medical, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	RCEL	999
RCEL	OPTN	Avita Medical, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RCEL	999
RCI	EQUI	ROGERS COMMUNICATIONS INCCL B	Yes	Yes	0.00	0.00	1	1.00	No	No	RCI	999
RCI	OPTN	ROGERS COMMUNICATIONS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RCI	999
RCKT	EQUI	Rocket Pharmaceuticals, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	RCKT	999
RCKT	OPTN	Rocket Pharmaceuticals, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RCKT	999
RCKTW	WARR	Rocket Pharmaceuticals, Inc.	Yes	Yes	0.25	0.375	1	1.00	No	No	RCKT	999
RCL	EQUI	Royal Caribbean Group	Yes	Yes	0.00	0.00	1	1.00	No	No	RCL	999
RCL	OPTN	Royal Caribbean Group	Yes	Yes	25.00	37.50	100	1.00	No	No	RCL	999
1RCL	OPTN	Royal Caribbean Group (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	RCL	999
2RCL	OPTN	Royal Caribbean Group (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	RCL	999
RCON	EQUI	RECON TECHNOLOGY LTDCL A SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	RCON	999
RCON	OPTN	RECON TECHNOLOGY LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	RCON	999
RCUS	EQUI	ARCUS BIOSCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RCUS	999
RCUS	OPTN	Arcus Biosciences Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	RCUS	999
RDDT	EQUI	REDDIT INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	RDDT	999
RDDT	OPTN	REDDIT INC	Yes	Yes	25.00	37.50	100	1.00	No	No	RDDT	999
1RDDT	OPTN	REDDIT INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	RDDT	999
2RDDT	OPTN	REDDIT INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	RDDT	999
RDFN	EQUI	REDFIN CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RDFN	999
RDFN	OPTN	Redfin Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	RDFN	999
RDI	EQUI	READING INTERNATIONAL INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	RDI	999
RDI	OPTN	Reading International Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	RDI	999
RDIV	EQUI	INVESCO EXCH TRADED FD TR IIS&P ULTRA DIVIDE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RDIV	999
RDIV	OPTN	INVESCO S&P ULTRA DIVIDEND REVENUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RDIV	999
RDN	EQUI	RADIAN GROUP	Yes	Yes	0.00	0.00	1	1.00	No	No	RDN	999
RDN	OPTN	RADIAN GROUP	Yes	Yes	25.00	37.50	100	1.00	No	No	RDN	999
RDNT	EQUI	RADNET INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RDNT	999
RDNT	OPTN	RadNet, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RDNT	999
RDTE	EQUI	ROUNDHILL ETF TRUSTSMALL CAP ODTE C	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RDTE	999
RDTE	OPTN	ROUNDHILL SMALL CAP ODTE COVERED CALL	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RDTE	999
RDUS	EQUI	Radius Recycling, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	RDUS	999
RDUS	OPTN	Radius Recycling, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RDUS	999
RDVI	EQUI	FT Vest Rising Dividend Achievers Target IncomeETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RDVI	999
RDVI	OPTN	FT Vest Rising Dividend Achievers Target IncomeETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RDVI	999
RDVT	EQUI	RED VIOLET INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RDVT	999
RDVT	OPTN	RED VIOLET, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RDVT	999
RDVY	EQUI	FIRST TR EXCHANGE-TRADED FDRISNG DIVD ACHIV	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RDVY	999
RDVY	OPTN	FIRST TRUST RISING DIVIDEND ACHIEVERS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RDVY	999
RDW	EQUI	Redwire Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	RDW	999
RDW	OPTN	Redwire Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	RDW	999
RDWR	EQUI	RADWARE LTDORD	Yes	Yes	0.00	0.00	1	1.00	No	No	RDWR	999
RDWR	OPTN	RADWARE	Yes	Yes	25.00	37.50	100	1.00	No	No	RDWR	999
RDY	EQUI	DR REDDYS LABS LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	RDY	999
RDY	OPTN	Dr. REDDYS LAB LIMITED (ADS)	Yes	Yes	25.00	37.50	100	1.00	No	No	RDY	999
REAL	EQUI	THE REALREAL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	REAL	999
REAL	OPTN	REALREAL, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	REAL	999
REAX	EQUI	THE REAL BROKERAGE INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	REAX	999
REAX	OPTN	REAL BROKERAGE INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	REAX	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
REE	EQUI	REE Automotive Ltd. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	REE	999
REE	OPTN	REE Automotive Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	REE	999
REET	EQUI	ISHARES TRGLOBAL REIT ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	REET	999
REET	OPTN	ISHARES GLOBAL REIT	Yes	Yes	25.00	37.50	100	1.00	Yes	No	REET	999
REFI	EQUI	CHICAGO ATLANTIC REAL ESTATECOM	Yes	Yes	0.00	0.00	1	1.00	No	No	REFI	999
REFI	OPTN	CHICAGO ATLANTIC REAL ESTATE FINANCE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	REFI	999
REFR	EQUI	RESEARCH FRONTIERS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	REFR	999
REFR	OPTN	Research Frontiers, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	REFR	999
REG	EQUI	REGENCY CTRS CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	REG	999
REG	OPTN	REGENCY CENTERS CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	REG	999
2REG	OPTN	REGENCY CENTERS CORP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	REG	999
REGL	EQUI	ProShares S&P MidCap 400 Dividend Aristocrats ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	REGL	999
REGL	OPTN	Proshares S&P Midcap 400 Dividend Aristocrats ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	REGL	999
REGN	EQUI	REGENERON PHARMACEUTICALSCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	REGN	999
REGN	OPTN	REGENERON PHARMACEUTICALS	Yes	Yes	25.00	37.50	100	1.00	No	No	REGN	999
2REGN	OPTN	REGENERON PHARMACEUTICALS (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	REGN	999
REI	EQUI	RING ENERGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	REI	999
REI	OPTN	Ring Energy Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	REI	999
REKR	EQUI	REKOR SYSTEMS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	REKR	999
REKR	OPTN	REKOR SYSTEMS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	REKR	999
REKT	EQUI	DIREXION SHS ETF TRDAILY CRYPTO IND	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	REKT	999
REKT	OPTN	DIREXION DAILY CRYPTO INDUSTRY BEAR 1X SHARES	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	REKT	999
RELL	EQUI	RICHARDSON ELECTRS LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RELL	999
RELL	OPTN	Richardson Electronics Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	RELL	999
RELX	EQUI	RELX PLC	Yes	Yes	0.00	0.00	1	1.00	No	No	RELX	999
RELX	OPTN	RELX PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	RELX	999
2RELX	OPTN	RELX PLC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	RELX	999
RELY	EQUI	REMITLY GLOBAL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RELY	999
RELY	OPTN	REMITLY GLOBAL, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	RELY	999
REM	EQUI	iShares Mortgage Real Estate ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	REM	999
REM	OPTN	iShares Mortgage Real Estate ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	REM	999
2REM	OPTN	iShares Mortgage Real Estate ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	REM	999
REMX	EQUI	VanEck Rare Earth and Strategic Metals ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	REMX	999
REMX	OPTN	VanEck Rare Earth and Strategic Metals ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	REMX	999
RENB	EQUI	Renovaro Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	RENB	999
RENB	OPTN	Renovaro Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RENB	999
REPL	EQUI	REPLIMUNE GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	REPL	999
REPL	OPTN	REPLIMUNE GROUP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	REPL	999
REPX	EQUI	Riley Exploration Permian, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	REPX	999
REPX	OPTN	RILEY EXPLORATION PERMIAN INC	Yes	Yes	25.00	37.50	100	1.00	No	No	REPX	999
RES	EQUI	RPC INC	Yes	Yes	0.00	0.00	1	1.00	No	No	RES	999
RES	OPTN	RPC INC	Yes	Yes	25.00	37.50	100	1.00	No	No	RES	999
REVG	EQUI	REV GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	REVG	999
REVG	OPTN	REV Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	REVG	999
REX	EQUI	REX American Resources Corp	Yes	Yes	0.00	0.00	1	1.00	No	No	REX	999
REX	OPTN	REX AMERICAN RESOURCES CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	REX	999
REXR	EQUI	REXFORD INDL RLTY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	REXR	999
REXR	OPTN	Rexford Industrial Realty, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	REXR	999
REYN	EQUI	REYNOLDS CONSUMER PRODS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	REYN	999
REYN	OPTN	REYNOLDS CONSUMER PRODUCTS	Yes	Yes	25.00	37.50	100	1.00	No	No	REYN	999

## RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
REZ	EQUI	iShares Residential and Multisector Real Estate ET	Yes	Yes	0.00	0.00	1	1.00	Yes	No	REZ	999
REZ	OPTN	iShares Residential and Multisector Real Estate ET	Yes	Yes	25.00	37.50	100	1.00	Yes	No	REZ	999
REZI	EQUI	RESIDEO TECHNOLOGIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	REZI	999
REZI	OPTN	Resideo Technologies Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	REZI	999
RF	EQUI	REGIONS FINANCIAL CORP NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RF	999
RF	OPTN	REGIONS FINANCIAL CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	RF	999
2RF	OPTN	REGIONS FINANCIAL CORP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	RF	999
RFG	EQUI	INVESCO EXCHANGE TRADED FD TS&P MDCP400 PR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RFG	999
RFG	OPTN	INVESCO S&P MIDCAP 400 PURE GROWTH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RFG	999
RFIL	EQUI	RF INDS LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	RFIL	999
RFIL	OPTN	RF Industries, Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	RFIL	999
RFL	EQUI	Rafael Holdings, Inc. Class B	Yes	Yes	0.00	0.00	1	1.00	No	No	RFL	999
RFL	OPTN	RAFAEL HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RFL	999
RFLWS	WARR	Rafael Holdings, Inc. Class B (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	RFL	999
RFV	EQUI	INVESCO EXCHANGE TRADED FD TS&P MDCP400 VL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RFV	999
RFV	OPTN	INVESCO S&P MIDCAP 400 PURE VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RFV	999
RGA	EQUI	REINSURANCE GROUP AMER INC	Yes	Yes	0.00	0.00	1	1.00	No	No	RGA	999
RGA	OPTN	Reinsurance Group of America Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	RGA	999
RGCO	EQUI	RGC RES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RGCO	999
RGCO	OPTN	RGC RESOURCES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RGCO	999
RGEN	EQUI	REPLIGEN CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RGEN	999
RGEN	OPTN	Repligen Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	RGEN	999
RGLD	EQUI	ROYAL GOLD INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RGLD	999
RGLD	OPTN	ROYAL GOLD, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RGLD	999
2RGLD	OPTN	ROYAL GOLD, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	RGLD	999
RGLS	EQUI	REGULUS THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RGLS	999
RGLS	OPTN	Regulus Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RGLS	999
RGNX	EQUI	REGENXBIO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RGNX	999
RGNX	OPTN	Regenxbio Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	RGNX	999
RGP	EQUI	RESOURCES CONNECTION INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RGP	999
RGP	OPTN	RESOURCES CONNECTION, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RGP	999
RGR	EQUI	STURM RUGER & CO INC	Yes	Yes	0.00	0.00	1	1.00	No	No	RGR	999
RGR	OPTN	STURM, RUGER & COMPANY	Yes	Yes	25.00	37.50	100	1.00	No	No	RGR	999
RGTI	EQUI	Rigetti Computing, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	RGTI	999
RGTI	OPTN	Rigetti Computing, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RGTI	999
RGTIW	WARR	Rigetti Computing, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	RGTI	999
RH	EQUI	RH	Yes	Yes	0.00	0.00	1	1.00	No	No	RH	999
RH	OPTN	RH	Yes	Yes	25.00	37.50	100	1.00	No	No	RH	999
RHI	EQUI	Robert Half Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	RHI	999
RHI	OPTN	Robert Half Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RHI	999
2RHI	OPTN	Robert Half Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	RHI	999
RHP	EQUI	Ryman Hospitality Properties, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	RHP	999
RHP	OPTN	Ryman Hospitality Properties, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RHP	999
RICK	EQUI	RCI Hospitality Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	RICK	999
RICK	OPTN	RCI Hospitality Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RICK	999
RIET	EQUI	ETF SER SOLUTIONSHOYA CAPT HI DIV	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RIET	999
RIET	OPTN	HOYA CAPITAL HIGH DIVIDEND YIELD ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RIET	999
RIG	EQUI	Transocean Ltd	Yes	Yes	0.00	0.00	1	1.00	No	No	RIG	999
RIG	OPTN	Transocean Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	RIG	999
RIGL	EQUI	RIGEL PHARMACEUTICALS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	RIGL	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
RIGL	OPTN	RIGEL PHARMACEUTICALS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	RIGL	999
RILY	EQUI	B RILEY FINL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RILY	999
RILY	OPTN	B Riley Financial Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	RILY	999
RINC	EQUI	AXS Real Estate Income ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RINC	999
RINC	OPTN	AXS Real Estate Income ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RINC	999
RING	EQUI	ISHARESGLB GLD MINR ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RING	999
RING	OPTN	iShares MSCI Global Gold Miners ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RING	999
RIO	EQUI	RIO TINTO PLCSPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	RIO	999
RIO	OPTN	RIO TINTO PLC ADS	Yes	Yes	25.00	37.50	100	1.00	No	No	RIO	999
2RIO	OPTN	RIO TINTO PLC ADS (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	RIO	999
RIOT	EQUI	Riot Platforms, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	RIOT	999
RIOT	OPTN	Riot Platforms, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RIOT	999
RIOX	EQUI	TIDAL TR IIDEFIANCE DAILY T	Yes	Yes	0.00	0.00	1	2.00	Yes	No	RIOX	999
RIOX	OPTN	DEFIANCE DAILY TARGET 2X LONG RIOT ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	RIOX	999
RITM	EQUI	Rithm Capital Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	RITM	999
RITM	OPTN	Rithm Capital Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	RITM	999
1RITM	OPTN	Rithm Capital Corporation (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	RITM	999
RIVN	EQUI	RIVIAN AUTOMOTIVE INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	RIVN	999
RIVN	OPTN	RIVIAN AUTOMOTIVE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RIVN	999
1RIVN	OPTN	RIVIAN AUTOMOTIVE, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	RIVN	999
2RIVN	OPTN	RIVIAN AUTOMOTIVE, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	RIVN	999
RJF	EQUI	RAYMOND JAMES FINANCIAL INC	Yes	Yes	0.00	0.00	1	1.00	No	No	RJF	999
RJF	OPTN	RAYMOND JAMES FINANCIAL INC	Yes	Yes	25.00	37.50	100	1.00	No	No	RJF	999
RKLB	EQUI	Rocket Lab USA, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	RKLB	999
RKLB	OPTN	Rocket Lab USA, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RKLB	999
2RKLB	OPTN	Rocket Lab USA, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	RKLB	999
RKT	EQUI	ROCKET COS INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	RKT	999
RKT	OPTN	ROCKET COMPANIES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	RKT	999
RL	EQUI	Ralph Lauren Corp.	Yes	Yes	0.00	0.00	1	1.00	No	No	RL	999
RL	OPTN	Ralph Lauren Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	RL	999
RLAY	EQUI	RELAY THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RLAY	999
RLAY	OPTN	RELAY THERAPEUTICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	RLAY	999
RLGT	EQUI	RADIANT LOGISTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RLGT	999
RLGT	OPTN	Radiant Logistics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RLGT	999
RLI	EQUI	RLI CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	RLI	999
RLI	OPTN	RLI Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	RLI	999
RLJ	EQUI	RLJ LODGING TRCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RLJ	999
RLJ	OPTN	RLJ Lodging Trust	Yes	Yes	25.00	37.50	100	1.00	No	No	RLJ	999
RLMD	EQUI	RELMADA THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RLMD	999
RLMD	OPTN	RELMADA THERAPEUTICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	RLMD	999
RLX	EQUI	RLX TECHNOLOGY INCSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	RLX	999
RLX	OPTN	RLX TECHNOLOGY INC	Yes	Yes	25.00	37.50	100	1.00	No	No	RLX	999
RLY	EQUI	SSGA ACTIVE ETF TRMULT ASS RLRTN	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RLY	999
RLY	OPTN	SPDR SSGA MULTI-ASSET REAL RETURN ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RLY	999
RM	EQUI	REGIONAL MGMT CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RM	999
RM	OPTN	Regional Management Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	RM	999
RMAX	EQUI	RE MAX HLDGS INCCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	RMAX	999
RMAX	OPTN	RE/MAX Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RMAX	999
RMBL	EQUI	RUMBLEON INCCOM CL B	Yes	Yes	0.00	0.00	1	1.00	No	No	RMBL	999
RMBL	OPTN	RUMBLEON, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RMBL	999



**RBH/CPM Included Products**

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2RMBL	OPTN	RUMBLEON, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	RMBL	999
RMBS	EQUI	RAMBUS INC DELCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RMBS	999
RMBS	OPTN	RAMBUS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	RMBS	999
RMD	EQUI	RESMED INC	Yes	Yes	0.00	0.00	1	1.00	No	No	RMD	999
RMD	OPTN	RESMED, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RMD	999
2RMD	OPTN	RESMED, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	RMD	999
RMNI	EQUI	RIMINI STR INC DELCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RMNI	999
RMNI	OPTN	RIMINI STREET, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RMNI	999
RMR	EQUI	RMR GROUP INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	RMR	999
RMR	OPTN	RMR GROUP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RMR	999
RMTI	EQUI	Rockwell Medical, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	RMTI	999
RMTI	OPTN	Rockwell Medical, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RMTI	999
RNA	EQUI	AVIDITY BIOSCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RNA	999
RNA	OPTN	AVIDITY BIOSCIENCES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	RNA	999
RNAC	EQUI	Cartesian Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	RNAC	999
RNAC1	OPTN	Cartesian Therapeutics, Inc. (Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	RNAC	999
RNG	EQUI	RINGCENTRAL INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	RNG	999
RNG	OPTN	RingCentral Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RNG	999
RNGR	EQUI	RANGER ENERGY SVCS INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	RNGR	999
RNGR	OPTN	RANGER ENERGY SERVICES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	RNGR	999
RNLXY	EQUI	Renalytix plc	Yes	Yes	0.00	0.00	1	1.00	No	No	RNLXY	999
RNLXY	OPTN	Renalytix plc	Yes	Yes	25.00	37.50	100	1.00	No	No	RNLXY	999
RNR	EQUI	RENAISSANCERE HOLDINGS LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	RNR	999
RNR	OPTN	RENAISSANCERE HOLDINGS LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	RNR	999
RNST	EQUI	RENASANT CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RNST	999
FBMS	OPTN	FIRST BANCSHARES, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	RNST	999
RNST	OPTN	Renasant Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	RNST	999
RNW	EQUI	ReNew Energy Global plc Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	RNW	999
RNW	OPTN	ReNew Energy Global plc	Yes	Yes	25.00	37.50	100	1.00	No	No	RNW	999
RNWWW	WARR	ReNew Energy Global plc (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	RNW	999
ROAD	EQUI	CONSTRUCTION PARTNERS INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	ROAD	999
ROAD	OPTN	CONSTRUCTION PARTNERS, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ROAD	999
ROAM	EQUI	LATTICE STRATEGIES TRHARTFRD EMRG ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ROAM	999
ROBN	EQUI	ETF OPPORTUNITIES TRUSTT REX 2X LONG HO	Yes	Yes	0.00	0.00	1	2.00	Yes	No	ROBN	999
ROBN	OPTN	T-REX 2X LONG HOOD DAILY TARGET	Yes	Yes	25.00	37.50	100	2.00	Yes	No	ROBN	999
ROBO	EQUI	Robo Global Robotics and Aut ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ROBO	999
ROBO	OPTN	ROBO GLOBAL ROBOTICS AND AUT	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ROBO	999
ROBT	EQUI	FIRST TR EXCHANGE-TRADED FDNASDQ ARTFCIAL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ROBT	999
ROBT	OPTN	FIRST TRUST NASDAQ ARTIFICIAL INTELLIGENCE & ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ROBT	999
ROCK	EQUI	GIBRALTAR INDUSTRIES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ROCK	999
ROCK	OPTN	GIBRALTAR Industries Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ROCK	999
RODM	EQUI	LATTICE STRATEGIES TRHARTFORD MLT ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RODM	999
RODM	OPTN	HARTFORD MULTIFACTOR DEVELOPED MARKETS	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RODM	999
ROG	EQUI	ROGERS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ROG	999
ROG	OPTN	ROGERS CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	ROG	999
ROIV	EQUI	ROIVANT SCIENCES LTDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	ROIV	999
ROIV	OPTN	ROIVANT SCIENCES LTD SHS	Yes	Yes	25.00	37.50	100	1.00	No	No	ROIV	999
ROK	EQUI	ROCKWELL AUTOMATION INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ROK	999
ROK	OPTN	ROCKWELL AUTOMATION	Yes	Yes	25.00	37.50	100	1.00	No	No	ROK	999
2ROK	OPTN	ROCKWELL AUTOMATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ROK	999

## RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
ROKT	EQUI	SPDR SER TRS&P KENSHO FINAL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ROKT	999
ROKT	OPTN	SPDR S&P KENSHO FINAL FRONTIERS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ROKT	999
ROKU	EQUI	ROKU INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	ROKU	999
ROKU	OPTN	Roku, Inc. Class A	Yes	Yes	25.00	37.50	100	1.00	No	No	ROKU	999
2ROKU	OPTN	Roku, Inc. Class A (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ROKU	999
ROL	EQUI	ROLLINS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ROL	999
ROL	OPTN	Rollins Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ROL	999
ROOT	EQUI	ROOT INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	ROOT	999
ROOT	OPTN	ROOT, INC. DELAWARE	Yes	Yes	25.00	37.50	100	1.00	No	No	ROOT	999
ROP	EQUI	Roper Technologies, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ROP	999
ROP	OPTN	Roper Technologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ROP	999
2ROP	OPTN	Roper Technologies, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ROP	999
ROST	EQUI	ROSS STORES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ROST	999
ROST	OPTN	ROSS STORES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ROST	999
2ROST	OPTN	ROSS STORES, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ROST	999
RPAR	EQUI	TIDAL ETF TRRPAR RISK PARI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RPAR	999
RPAR	OPTN	RPAR RISK PARITY	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RPAR	999
RPAY	EQUI	REPAY HLDGS CORPCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	RPAY	999
RPAY	OPTN	REPAY HOLDINGS CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	RPAY	999
RPD	EQUI	RAPID7 INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RPD	999
RPD	OPTN	Rapid7 Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RPD	999
RPG	EQUI	Invesco S&P 500 Pure Growth ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RPG	999
RPG	OPTN	Invesco S&P 500 Pure Growth ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RPG	999
RPHS	EQUI	REGENTS PARK HEDGED MARKET STRATEGY ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RPHS	999
RPHS	OPTN	REGENTS PARK HEDGED MARKET STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RPHS	999
RPM	EQUI	RPM INTL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RPM	999
RPM	OPTN	RPM INTERNATIONAL, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	RPM	999
RPRX	EQUI	ROYALTY PHARMA PLCSHS CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	RPRX	999
RPRX	OPTN	ROYALTY PHARMA PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	RPRX	999
RPTX	EQUI	REPARE THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RPTX	999
RPTX	OPTN	REPARE THERAPEUTICS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RPTX	999
RPV	EQUI	Invesco S&P 500 Pure Value ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RPV	999
RPV	OPTN	Invesco S&P 500 Pure Value ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RPV	999
RRC	EQUI	RANGE RES CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	RRC	999
RRC	OPTN	RANGE RESOURCES CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	RRC	999
RRGB	EQUI	RED ROBIN GOURMET BURGERS INCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RRGB	999
RRGB	OPTN	Red Robin Gourmet Burgers, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RRGB	999
RRR	EQUI	RED ROCK RESORTS INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	RRR	999
RRR	OPTN	Red Rock Resorts Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RRR	999
RRX	EQUI	Regal Rexnord Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	RRX	999
RRX	OPTN	Regal Rexnord Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	RRX	999
RS	EQUI	Reliance, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	RS	999
RS	OPTN	Reliance, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RS	999
RSG	EQUI	REPUBLIC SVCS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	RSG	999
RSG	OPTN	REPUBLIC SERVICES	Yes	Yes	25.00	37.50	100	1.00	No	No	RSG	999
2RSG	OPTN	REPUBLIC SERVICES (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	RSG	999
RSI	EQUI	Rush Street Interactive, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	RSI	999
RSI	OPTN	Rush Street Interactive, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RSI	999
RSKD	EQUI	RISKIFIED LTDSHS CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	RSKD	999
RSKD	OPTN	RISKIFIED LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	RSKD	999

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RSPC	EQUI	INVESCO EXCHANGE TRADED FD TS&P 500A EQL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RSPC	999
RSPC	OPTN	Invesco S&P 500 Equal Weight Comm Services ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RSPC	999
RSPD	EQUI	INVESCO EXCHANGE TRADED FD TS&P500 EQL DIS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RSPD	999
RSPD	OPTN	Invesco S&P 500 Equal Weight Consumer Disc ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RSPD	999
RSPG	EQUI	INVESCO EXCHANGE TRADED FD TS&P500 EQL ENR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RSPG	999
RSPG	OPTN	Invesco S&P 500 Equal Weight Energy ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RSPG	999
RSPH	EQUI	Invesco S&P 500 Equal Weight Health Care ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RSPH	999
RSPH	OPTN	Invesco S&P 500 Equal Weight Health Care ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RSPH	999
RSPM	EQUI	INVESCO EXCHANGE TRADED FD TS&P500 EQL MAT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RSPM	999
RSPM	OPTN	Invesco S&P 500 Equal Weight Materials ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RSPM	999
RSPN	EQUI	INVESCO EXCHANGE TRADED FD TS&P500 EQL IND	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RSPN	999
RSPN	OPTN	Invesco S&P 500 Equal Weight Industrials ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RSPN	999
RSPS	EQUI	INVESCO EXCHANGE TRADED FD TS&P500 EQL STP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RSPS	999
RSPS	OPTN	Invesco S&P 500 Equal Weight Consumer Staples ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RSPS	999
RSVR	EQUI	Reservoir Media, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	RSVR	999
RSVR	OPTN	RESERVOIR MEDIA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RSVR	999
RSVRW	WARR	Reservoir Media, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	RSVR	999
RSX	EQUI	VanEck Russia ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RSX	999
RSX	OPTN	VanEck Russia ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RSX	999
RTH	EQUI	VanEck Retail ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RTH	999
RTH	OPTN	VanEck Retail ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RTH	999
RTO	EQUI	Rentokil Initial plc	Yes	Yes	0.00	0.00	1	1.00	No	No	RTO	999
RTO	OPTN	RENTOKIL INITIAL PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	RTO	999
RTX	EQUI	RTX Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	RTX	999
RTX	OPTN	RTX Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	RTX	999
1RTX	OPTN	RTX Corporation (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	RTX	999
2RTX	OPTN	RTX Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	RTX	999
RUM	EQUI	Rumble Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	RUM	999
RUM	OPTN	Rumble Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RUM	999
RUMBW	WARR	Rumble Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	RUM	999
RUN	EQUI	SUNRUN INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RUN	999
RUN	OPTN	Sunrun Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RUN	999
2RUN	OPTN	Sunrun Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	RUN	999
RUNN	EQUI	STRATEGIC TRUSTRUNNING GWTH ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RUNN	999
RUNN	OPTN	RUNNING OAK EFFICIENT GROWTH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RUNN	999
RUSHA	EQUI	RUSH ENTERPISES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	RUSHA	999
RUSHA	OPTN	Rush Enterprises Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	RUSHA	999
RVLV	EQUI	REVOLVE GROUP INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	RVLV	999
RVLV	OPTN	REVOLVE GROUP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RVLV	999
RVMD	EQUI	REVOLUTION MEDICINES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RVMD	999
RVMD	OPTN	REVOLUTION MEDICINES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RVMD	999
RVMDW	WARR	REVOLUTION MEDICINES INCCOM (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	RVMD	999
RVNC	OPTN	Revance Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RVNC	999
RVP	EQUI	RETRACTABLE TECHNOLOGIES, INC.	Yes	Yes	0.00	0.00	1	1.00	No	No	RVP	999
RVP	OPTN	RETRACTABLE TECHNOLOGIES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RVP	999
RVPH	EQUI	Reviva Pharmaceuticals Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	RVPH	999
RVPH	OPTN	REVIVA PHARMACEUTICALS HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RVPH	999
RVPHW	WARR	REVIVA PHARMACEUTICALS HOLDINGS, INC. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	RVPH	999
RVSB	EQUI	RIVERVIEW BANCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RVSB	999
RVSB	OPTN	Riverview Bancorp, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RVSB	999

## RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
RVTY	EQUI	Revvity, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	RVTY	999
RVTY	OPTN	Revvity, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RVTY	999
RWAY	EQUI	RUNWAY GROWTH FINANCE CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RWAY	999
RWAY	OPTN	RUNWAY GROWTH FINANCE CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	RWAY	999
RWJ	EQUI	Invesco S&P SmallCap 600 Revenue ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RWJ	999
RWJ	OPTN	Invesco S&P SmallCap 600 Revenue ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RWJ	999
RWK	EQUI	Invesco S&P MidCap 400 Revenue ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RWK	999
RWK	OPTN	Invesco S&P MidCap 400 Revenue ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RWK	999
RWL	EQUI	Invesco S&P 500 Revenue ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RWL	999
RWL	OPTN	Invesco S&P 500 Revenue ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RWL	999
RWO	EQUI	SPDR INDEX SHS FDSDJ GLB RL ES ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RWO	999
RWO	OPTN	SPDR Dow Jones Global Real Estate ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RWO	999
RWT	EQUI	REDWOOD TR INC	Yes	Yes	0.00	0.00	1	1.00	No	No	RWT	999
RWT	OPTN	REDWOOD TRUST	Yes	Yes	25.00	37.50	100	1.00	No	No	RWT	999
RWX	EQUI	SPDR Dow Jones International Real Estate ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RWX	999
RWX	OPTN	SPDR DJ International Real Estate ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RWX	999
RXI	EQUI	ISHARES TRGLB CNS DISC ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RXI	999
RXI	OPTN	ISHARES GLOBAL CONSUMER DISCRETIONARY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RXI	999
RXO	EQUI	RXO INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	RXO	999
RXO	OPTN	RXO, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RXO	999
RXRX	EQUI	RECURSION PHARMACEUTICALS INCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	RXRX	999
RXRX	OPTN	RECURSION PHARMACEUTICALS	Yes	Yes	25.00	37.50	100	1.00	No	No	RXRX	999
RXRX1	OPTN	EXSCIENTIA PLC SPONSORED ADR (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	RXRX	999
RXST	EQUI	RXSIGHT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RXST	999
RXST	OPTN	RXSIGHT, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RXST	999
RXT	EQUI	RACKSPACE TECHNOLOGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RXT	999
RXT	OPTN	RACKSPACE TECHNOLOGY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RXT	999
RY	EQUI	ROYAL BK CDA MONTREAL QUE	Yes	Yes	0.00	0.00	1	1.00	No	No	RY	999
RY	OPTN	ROYAL BANK OF CANADA	Yes	Yes	25.00	37.50	100	1.00	No	No	RY	999
1RY	OPTN	ROYAL BANK OF CANADA (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	RY	999
RYAAY	EQUI	RYANAIR HLDGS PLCSPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	RYAAY	999
RYAAY	OPTN	RYANAIR HOLDINGS PLC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RYAAY	999
RYAA1	OPTN	RYANAIR HOLDINGS PLC. (2.5:1 Stock Split)	Yes	Yes	62.50	93.75	250	1.00	No	No	RYAAY	999
RYAM	EQUI	RAYONIER ADVANCED MATLS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RYAM	999
RYAM	OPTN	Rayonier Advanced Materials Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RYAM	999
RYAN	EQUI	Ryan Specialty Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	RYAN	999
RYAN	OPTN	Ryan Specialty Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	RYAN	999
RYI	EQUI	RYERSON HLDG CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RYI	999
RYI	OPTN	Ryerson Holding Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	RYI	999
UPGD	EQUI	INVESCO EXCHANGE TRADED FD TBLOOMBERG ANALYS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RYJ	999
RYLD	EQUI	GLOBAL X FDS RUSSELL 2000	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RYLD	999
RYLD	OPTN	GLOBAL X FDS RUSSELL 2000	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RYLD	999
RYLG	EQUI	GLOBAL X FDSRUSSELL 2000 COV	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RYLG	999
RYLG	OPTN	GLOBAL X RUSSELL 2000 COVERED CALL & GROWTH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RYLG	999
RYN	EQUI	RAYONIER INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RYN	999
RYN	OPTN	RAYONIER, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	RYN	999
RYN1	OPTN	RAYONIER, INC. (Special Dividend Election)	Yes	Yes	25.00	37.50	100	1.00	No	No	RYN	999
RYTM	EQUI	RHYTHM PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	RYTM	999
RYTM	OPTN	Rhythm Pharmaceuticas Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	RYTM	999
1RYTM	OPTN	Rhythm Pharmaceuticas Inc (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	RYTM	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
RZLT	EQUI	REZOLUTE INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	RZLT	999
RZLT	OPTN	REZOLUTE, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	RZLT	999
RZLV	EQUI	Rezolve AI Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	RZLV	999
RZLV	OPTN	REZOLVE AI LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	RZLV	999
RZLVW	WARR	Rezolve AI Limited (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	RZLV	999
RZV	EQUI	INVESCO EXCHANGE TRADED FD TS&P SML600 VAL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	RZV	999
RZV	OPTN	INVESCO S&P SMALLCAP 600 PURE VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	RZV	999
S	EQUI	SENTINELONE INCCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	S	999
S	OPTN	SENTINELONE, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	S	999
SA	EQUI	SEABRIDGE GOLD INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SA	999
SA	OPTN	SEABRIDGE GOLD INC	Yes	Yes	25.00	37.50	100	1.00	No	No	SA	999
SABR	EQUI	SABRE CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SABR	999
SABR	OPTN	Sabre Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	SABR	999
SACH	EQUI	SACHEM CAP CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SACH	999
SACH	OPTN	SACHEM CAPITAL CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	SACH	999
SAFE	EQUI	Safehold Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SAFE	999
SAFE	OPTN	Safehold Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SAFE	999
SAFT	EQUI	SAFETY INSURANCE GROUP INC	Yes	Yes	0.00	0.00	1	1.00	No	No	SAFT	999
SAFT	OPTN	Safety Insurance Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SAFT	999
SAGE	EQUI	SAGE THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SAGE	999
SAGE	OPTN	Sage Therapeutics Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	SAGE	999
SAH	EQUI	SONIC AUTOMOTIVE INC	Yes	Yes	0.00	0.00	1	1.00	No	No	SAH	999
SAH	OPTN	SONIC AUTOMOTIVE,INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SAH	999
SAIA	EQUI	Saia Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	SAIA	999
SAIA	OPTN	Saia, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SAIA	999
SAIC	EQUI	SCIENCE APPLICATNS INTL CP NCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SAIC	999
SAIC	OPTN	Science Applications International Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	SAIC	999
SAIL	EQUI	SAILPOINT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SAIL	999
SAIL	OPTN	SAILPOINT, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SAIL	999
SAM	EQUI	BOSTON BEER INC	Yes	Yes	0.00	0.00	1	1.00	No	No	SAM	999
SAM	OPTN	Boston Beer Company, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SAM	999
SAMG	EQUI	SILVERCREST ASSET MGMT GROUPCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	SAMG	999
SAMG	OPTN	SILVERCREST ASSET MANAGEMENT GROUP INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SAMG	999
SAN	EQUI	BANCO SANTANDER CENT HISPANO	Yes	Yes	0.00	0.00	1	1.00	No	No	SAN	999
SAN	OPTN	Banco Santander S. A.	Yes	Yes	25.00	37.50	100	1.00	No	No	SAN	999
SANA	EQUI	SANA BIOTECHNOLOGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SANA	999
SANA	OPTN	SANA BIOTECHNOLOGY INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SANA	999
SAND	EQUI	SANDSTORM GOLD LTDCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	SAND	999
SAND	OPTN	Sandstorm Gold Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	SAND	999
SANM	EQUI	Sanmina Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	SANM	999
SANM	OPTN	Sanmina Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	SANM	999
SANW	EQUI	S&W SEED COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SANW	999
SANW1	OPTN	S&W Seed Company (1:19 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	SANW	999
SAP	EQUI	SAP SE	Yes	Yes	0.00	0.00	1	1.00	No	No	SAP	999
SAP	OPTN	SAP SE	Yes	Yes	25.00	37.50	100	1.00	No	No	SAP	999
SAR	EQUI	SARATOGA INVT CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	SAR	999
SAR	OPTN	SARATOGA INVESTMENT CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	SAR	999
SARO	EQUI	STANDARDAERO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SARO	999
SARO	OPTN	STANDARDAERO INC	Yes	Yes	25.00	37.50	100	1.00	No	No	SARO	999
SATL	EQUI	Satellogic Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SATL	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
SATL	OPTN	SATELLOGIC INC	Yes	Yes	25.00	37.50	100	1.00	No	No	SATL	999
SATLW	WARR	SATELLOGIC INC (WARRANT)	Yes	Yes	0.25	0.375	1	1.00	No	No	SATL	999
SATO	EQUI	INVESCO ALERIAN GALAXY CRYPTO ECONOMY ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SATO	999
SATO	OPTN	INVESCO ALERIAN GALAXY CRYPTO ECONOMY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SATO	999
SATS	EQUI	ECHOSTAR CORPCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	SATS	999
SATS	OPTN	EchoStar Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	SATS	999
SATS1	OPTN	Dish Network Corp (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	SATS	999
SAVA	EQUI	CASSAVA SCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SAVA	999
SAVA	OPTN	CASSAVA SCIENCES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SAVA	999
SAVA1	OPTN	CASSAVA SCIENCES, INC. (Warrants Dist)	Yes	Yes	25.00	37.50	100	1.00	No	No	SAVA	999
SAVEQ	OPTN	Spirit Airlines, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SAVEQ	999
SB	EQUI	SAFE BULKERS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SB	999
SB	OPTN	Safe Bulkers Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SB	999
SBAC	EQUI	SBA COMMUNICATIONS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SBAC	999
SBAC	OPTN	SBA COMMUNICATION CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	SBAC	999
SBCF	EQUI	Seacoast Banking Corporation of Florida	Yes	Yes	0.00	0.00	1	1.00	No	No	SBCF	999
SBCF	OPTN	Seacoast Banking Corporation of Florida	Yes	Yes	25.00	37.50	100	1.00	No	No	SBCF	999
SBEV	EQUI	SPLASH BEVERAGE GROUP INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	SBEV	999
SBEV	OPTN	SPLASH BEVERAGE GROUP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SBEV	999
SBEV1	OPTN	SPLASH BEVERAGE GROUP, INC. (1:40 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	SBEV	999
SBEVWS	WARR	SPLASH BEVERAGE GROUP, INC. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	SBEV	999
SBGI	EQUI	Sinclair, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SBGI	999
SBGI	OPTN	Sinclair, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SBGI	999
SBH	EQUI	SALLY BEAUTY HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SBH	999
SBH	OPTN	Sally Beauty Holdings Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	SBH	999
SBIO	EQUI	ALPS Medical Breakthroughs ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SBIO	999
SBIO	OPTN	ALPS Medical Breakthroughs ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SBIO	999
SBIT	EQUI	PROSHARES TRULTRASHORT BITCO	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	SBIT	999
SBIT	OPTN	PROSHARES ULTRASHORT BITCOIN ETF	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	SBIT	999
SBLK	EQUI	STAR BULK CARRIERS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SBLK	999
SBLK	OPTN	Star Bulk Carriers Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	SBLK	999
SBRA	EQUI	SABRA HEALTH CARE REIT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SBRA	999
SBRA	OPTN	Sabra Health Care REIT Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SBRA	999
SBS	EQUI	COMPANHIA DE SANEAMENTO BASISPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	SBS	999
SBS	OPTN	Companhia de Saneamento Basico do Estado de Sao Pa	Yes	Yes	25.00	37.50	100	1.00	No	No	SBS	999
SBSI	EQUI	SOUTHSIDE BANCSHARES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	SBSI	999
SBSI	OPTN	Southside Bancshares, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SBSI	999
SBSW	EQUI	Sibanye-Stillwater	Yes	Yes	0.00	0.00	1	1.00	No	No	SBSW	999
SBSW	OPTN	Sibanye-Stillwater	Yes	Yes	25.00	37.50	100	1.00	No	No	SBSW	999
SBT	OPTN	STERLING BANCORP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SBT	999
SBUX	EQUI	STARBUCKS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SBUX	999
SBUX	OPTN	STARBUCKS CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	SBUX	999
2SBUX	OPTN	STARBUCKS CORP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SBUX	999
SCCO	EQUI	Southern Copper Corp	Yes	Yes	0.00	0.00	1	1.00	No	No	SCCO	999
SCCO	OPTN	SOUTHERN COPPER CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	SCCO	999
SCDL	EQUI	UBS AG LONDON BRANCHNT LKD 51	Yes	No	0.00		1	2.00	No	Yes	SCDL	999
SCHC	EQUI	Schwab International Small-Cap Equity ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SCHC	999
SCHC	OPTN	Schwab International Small-Cap Equity ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SCHC	999
SCHD	EQUI	SCHWAB STRATEGIC TRUS DIVIDEND EQ	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SCHD	999
SCHD	OPTN	Schwab US Dividend Equity ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SCHD	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
SCHG	EQUI	SCHWAB U.S. Large Cap Growth ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SCHG	999
SCHG	OPTN	Schwab U.S. Large-Cap Growth ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SCHG	999
SCHK	EQUI	SCHWAB STRATEGIC TR1000 INDEX ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SCHK	999
SCHK	OPTN	SCHWAB 1000 INDEX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SCHK	999
SCHL	EQUI	SCHOLASTIC CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	SCHL	999
SCHL	OPTN	SCHOLASTIC CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	SCHL	999
SCHM	EQUI	SCHWAB STRATEGIC TRUS MID-CAP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SCHM	999
SCHM	OPTN	Schwab U.S. Mid-Cap ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SCHM	999
SCHV	EQUI	Schwab U.S. Large Cap Value ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SCHV	999
SCHV	OPTN	Schwab U.S. Large-Cap Value ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SCHV	999
SCHW	EQUI	SCHWAB CHARLES CORP NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	SCHW	999
SCHW	OPTN	Charles Schwab Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	SCHW	999
2SCHW	OPTN	Charles Schwab Corp. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SCHW	999
SCHX	EQUI	SCHWAB STRATEGIC TRUS LRG CAP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SCHX	999
SCHX	OPTN	Schwab US Large-Cap ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SCHX	999
SCHY	EQUI	SCHWAB STRATEGIC TRINTERNL DIVID	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SCHY	999
SCHY	OPTN	SCHWAB INTERNATIONAL DIVIDEND EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SCHY	999
SCI	EQUI	SERVICE CORP INTLCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SCI	999
SCI	OPTN	SERVICE CORPORATION INTERNATIONAL	Yes	Yes	25.00	37.50	100	1.00	No	No	SCI	999
SCJ	EQUI	iShares MSCI Japan Small-Cap ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SCJ	999
SCJ	OPTN	ishares MSCI Japan Small-Cap ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SCJ	999
SCL	EQUI	STEPAN COMPANY	Yes	Yes	0.00	0.00	1	1.00	No	No	SCL	999
SCL	OPTN	Stepan Company	Yes	Yes	25.00	37.50	100	1.00	No	No	SCL	999
2SCL	OPTN	Stepan Company (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SCL	999
SCLX	EQUI	Scilex Holding Company	Yes	Yes	0.00	0.00	1	1.00	No	No	SCLX	999
SCLX	OPTN	SCILEX HOLDING COMPANY COMMON STOCK	Yes	Yes	25.00	37.50	100	1.00	No	No	SCLX	999
SCLXW	WARR	Scilex Holding Company (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	SCLX	999
SCM	EQUI	STELLUS CAP INVT CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SCM	999
SCM	OPTN	Stellus Capital Investment Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	SCM	999
SCPH	EQUI	SCPHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SCPH	999
SCPH	OPTN	SCPHARMACEUTICALS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SCPH	999
SCPXD	OPTN	Scorpius Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SCPXD	999
SCS	EQUI	STEELCASE INC	Yes	Yes	0.00	0.00	1	1.00	No	No	SCS	999
SCS	OPTN	STEELCASE, INC. CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	SCS	999
SCSC	EQUI	SCANSOURCE INC	Yes	Yes	0.00	0.00	1	1.00	No	No	SCSC	999
SCSC	OPTN	SCANSOURCE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SCSC	999
SCVL	EQUI	SHOE CARNIVAL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SCVL	999
SCVL	OPTN	Shoe Carnival Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	SCVL	999
SCYX	EQUI	SCYNEXIS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SCYX	999
SCYX	OPTN	SCYNEXIS, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SCYX	999
SD	EQUI	SANDRIDGE ENERGY INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	SD	999
SD	OPTN	SandRidge Energy, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SD	999
SDCCQ	EQUI	SMILEDIRECTCLUB INCCCL A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	SDCCQ	999
SDCCQ	OPTN	SmileDirectClub, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SDCCQ	999
SDEM	EQUI	GLOBAL X FDSMSCI SUPR EM ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SDEM	999
SDEM	OPTN	GLOBAL X MSCI SUPERDIVIDEND EMERGING MARKETS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SDEM	999
SDGR	EQUI	SCHRODINGER INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SDGR	999
SDGR	OPTN	SCHRODINGER, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SDGR	999
SDIV	EQUI	GLOBAL X FDSGLB X SUPERDIV	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SDIV	999
SDIV	OPTN	Global X SuperDividend ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SDIV	999

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SDOG	EQUI	ALPS ETF TRSECTR DIV DOGS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SDOG	999
SDOG	OPTN	ALPS SECTOR DIVIDEND DOGS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SDOG	999
SDRL	EQUI	SEADRILL 2021 LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SDRL	999
SDRL	OPTN	SEADRILL LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	SDRL	999
SDVY	EQUI	FIRST TR EXCHANGE-TRADED FDSMID RISNG ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SDVY	999
SDVY	OPTN	FIRST TRUST SMID CAP RISING DIVIDEND ACHIEVERS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SDVY	999
SDY	EQUI	SPDR S&P Dividend ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SDY	999
SDY	OPTN	SPDR S&P Dividend ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SDY	999
SE	EQUI	SEA LTDADR	Yes	Yes	0.00	0.00	1	1.00	No	No	SE	999
SE	OPTN	Sea Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	SE	999
2SE	OPTN	Sea Ltd (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SE	999
SEA	EQUI	ETF SER SOLUTIONSU S GLOBAL SEA T	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SEA	999
SEA	OPTN	U.S. GLOBAL SEA TO SKY CARGO ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SEA	999
SEAT	EQUI	VIVID SEATS INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	SEAT	999
SEAT	OPTN	VIVID SEATS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	SEAT	999
SEATW	WARR	VIVID SEATS INCCOM CL A (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	SEAT	999
SECT	EQUI	MAIN SECTOR ROTATION ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SECT	999
SECT	OPTN	NORTHERN LTS MAIN SECTOR	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SECT	999
SEDG	EQUI	SOLAREEDGE TECHNOLOGIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SEDG	999
SEDG	OPTN	SolarEdge Technologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SEDG	999
SEE	EQUI	SEALED AIR CORP NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	SEE	999
SEE	OPTN	SEALED AIR CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	SEE	999
2SEE	OPTN	SEALED AIR CORP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SEE	999
SEER	EQUI	SEER INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	SEER	999
SEER	OPTN	SEER, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SEER	999
SEG	EQUI	SEAPORT ENTMT GROUP INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	SEG	999
SEG	OPTN	SEAPORT ENTERTAINMENT GROUP INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SEG	999
SEI	EQUI	Solaris Energy Infrastructure, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SEI	999
SEI	OPTN	Solaris Energy Infrastructure, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SEI	999
SEIC	EQUI	SEI INVESTMENTS CO	Yes	Yes	0.00	0.00	1	1.00	No	No	SEIC	999
SEIC	OPTN	SEI INVESTMENTS CO	Yes	Yes	25.00	37.50	100	1.00	No	No	SEIC	999
SELF	EQUI	GLOBAL SELF STORAGE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SELF	999
SELF	OPTN	GLOBAL SELF STORAGE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SELF	999
SEM	EQUI	SELECT MED HLDGS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SEM	999
SEM	OPTN	Select Medical Holding Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	SEM	999
SEM1	OPTN	Select Medical Holding Corporation (Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	SEM	999
SEMR	EQUI	SEMRUSH HLDGS INCCL A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	SEMR	999
SEMR	OPTN	SEMRUSH HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SEMR	999
SENS	EQUI	SENSEONICS HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SENS	999
SENS	OPTN	Senseonics Holdings, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	SENS	999
SEPN	EQUI	SEPTERNA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SEPN	999
SEPN	OPTN	SEPTERNA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SEPN	999
SERA	EQUI	SERA PROGNOSTICS INCCCLASS A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	SERA	999
SERA	OPTN	SERA PROGNOSTICS, INC. CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	SERA	999
SERV	EQUI	SERVE ROBOTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SERV	999
SERV	OPTN	SERVE ROBOTICS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SERV	999
SES	EQUI	SES AI Corporation Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	SES	999
SES	OPTN	SES AI Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	SES	999
SESWS	WARR	SES AI Corporation (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	SES	999
SETH	EQUI	ProShares Short Ether ETF	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	SETH	999



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SETH	OPTN	ProShares Short Ether ETF	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	SETH	999
SEVN	EQUI	SEVEN HILLS REALTY TRUSTCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SEVN	999
SEVN	OPTN	SEVEN HILLS REALTY TRUST	Yes	Yes	25.00	37.50	100	1.00	No	No	SEVN	999
SF	EQUI	STIFEL FINL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	SF	999
SF	OPTN	Stifel Financial Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	SF	999
SFBS	EQUI	SERVISFIRST BANCSHARES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SFBS	999
SFBS	OPTN	ServisFirst Bancshares, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SFBS	999
SFIX	EQUI	STITCH FIX INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	SFIX	999
SFIX	OPTN	Stitch Fix, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	SFIX	999
SFL	EQUI	SFL Corporation Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	SFL	999
SFL	OPTN	SFL Corporation Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	SFL	999
SFM	EQUI	SPROUTS FMRS MKT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SFM	999
SFM	OPTN	Sprouts Farmers Markets Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	SFM	999
SFNC	EQUI	Simmons First National Corporation-CI A	Yes	Yes	0.00	0.00	1	1.00	No	No	SFNC	999
SFNC	OPTN	Simmons First National Corporation-CI A	Yes	Yes	25.00	37.50	100	1.00	No	No	SFNC	999
2SFNC	OPTN	Simmons First National Corporation-CI (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SFNC	999
SFST	EQUI	SOUTHERN FIRST BANCSHARESCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SFST	999
SFST	OPTN	SOUTHERN FIRST BANCSHARES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SFST	999
SFY	EQUI	TIDAL ETF TRSOFI SELCT 500	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SFY	999
SFY	OPTN	SOFI SELECT 500 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SFY	999
SFY1	OPTN	SOFI SELECT 500 ETF (1:5 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SFY	999
SFYF	EQUI	TIDAL ETF TRSOFI SOCIAL 50	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SFYF	999
SFYF	OPTN	SOFI SOCIAL 50 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SFYF	999
SFYX	EQUI	TIDAL ETF TRSOFI NEXT 500	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SFYX	999
SFYX	OPTN	SOFI NEXT 500 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SFYX	999
SG	EQUI	SWEETGREEN INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	SG	999
SG	OPTN	SWEETGREEN, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SG	999
SGC	EQUI	Superior Group of Companies, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SGC	999
SGC	OPTN	Superior Group of Companies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SGC	999
SGDJ	EQUI	SPROTT ETF TRUSTJR GOLD MINERS E	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SGDJ	999
SGDJ	OPTN	SPROTT JUNIOR GOLD MINERS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SGDJ	999
SGDM	EQUI	SPROTT ETF TRUSTGOLD MINERS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SGDM	999
SGDM	OPTN	SPROTT GOLD MINERS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SGDM	999
SGHC	EQUI	Super Group (SGHC) Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	SGHC	999
SGHC	OPTN	Super Group (SGHC) Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	SGHC	999
SGHT	EQUI	SIGHT SCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SGHT	999
SGHT	OPTN	SIGHT SCIENCES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SGHT	999
SGML	EQUI	SIGMA LITHIUM CORPORATIONCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SGML	999
SGML	OPTN	SIGMA LITHIUM CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	SGML	999
SGMO	EQUI	Sangamo Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SGMO	999
SGMO	OPTN	Sangamo Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SGMO	999
SGMT	EQUI	SAGIMET BIOSCIENCES INCCOM SER A	Yes	Yes	0.00	0.00	1	1.00	No	No	SGMT	999
SGMT	OPTN	SAGIMET BIOSCIENCES INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SGMT	999
SGRY	EQUI	SURGERY PARTNERS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SGRY	999
SGRY	OPTN	Surgery Partners Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SGRY	999
1SGRY	OPTN	Surgery Partners Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SGRY	999
SGU	EQUI	Star Group, L.P.	Yes	Yes	0.00	0.00	1	1.00	No	No	SGU	999
SGU	OPTN	Star Group, L.P.	Yes	Yes	25.00	37.50	100	1.00	No	No	SGU	999
SHAK	EQUI	SHAKE SHACK INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	SHAK	999
SHAK	OPTN	Shake Shack, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SHAK	999

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SHBI	EQUI	SHORE BANCSHARES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SHBI	999
SHBI	OPTN	SHORE BANCSHARES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SHBI	999
SHC	EQUI	SOTERA HEALTH COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SHC	999
SHC	OPTN	SOTERA HEALTH COMPANY	Yes	Yes	25.00	37.50	100	1.00	No	No	SHC	999
SHCO	EQUI	Soho House & Co Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SHCO	999
SHCO	OPTN	Soho House & Co Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SHCO	999
SHE	EQUI	SPDR MSCI USA Gender Diversity ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SHE	999
SHE	OPTN	SPDR MSCI USA Gender Diversity ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SHE	999
SHEL	EQUI	Shell plc	Yes	Yes	0.00	0.00	1	1.00	No	No	SHEL	999
SHEL	OPTN	Shell plc	Yes	Yes	25.00	37.50	100	1.00	No	No	SHEL	999
2SHEL	OPTN	Shell plc (Euro/Flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	SHEL	999
SHEN	EQUI	SHENANDOAH TELECOMMUNICATIONCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SHEN	999
SHEN	OPTN	SHENANDOAH TELECOMMUNICATIONS CO	Yes	Yes	25.00	37.50	100	1.00	No	No	SHEN	999
SHG	EQUI	SHINHAN FINANCIAL GROUP CO., LTD. SPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	SHG	999
SHG	OPTN	SHINHAN FINANCIAL GROUP CO., LTD. SPONSORED ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	SHG	999
SHIP	EQUI	SEANERGY MARITIME HLDGS CORPSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	SHIP	999
SHIP	OPTN	SEANERGY MARITIME HOLDINGS CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	SHIP	999
SHLD	EQUI	GLOBAL X FDSDEFENSE TECH ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SHLD	999
SHLD	OPTN	GLOBAL X DEFENSE TECH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SHLD	999
SHLS	EQUI	SHOALS TECHNOLOGIES GROUP INCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	SHLS	999
SHLS	OPTN	SHOALS TECHNOLOGIES GROUP	Yes	Yes	25.00	37.50	100	1.00	No	No	SHLS	999
DULL	EQUI	BANK MONTREAL QUECAL LKD 43	Yes	No	0.00		1	-3.00	No	Yes	SHNY	999
SHNY	EQUI	BANK MONTREAL QUECAL LKD 43	Yes	No	0.00		1	3.00	No	Yes	SHNY	999
SHO	EQUI	SUNSTONE HOTEL INVS INC NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SHO	999
SHO	OPTN	Sunstone Hotel Investors, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	SHO	999
SHOO	EQUI	MADDEN STEVEN LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SHOO	999
SHOO	OPTN	STEVEN MADDEN, LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	SHOO	999
SHOP	EQUI	SHOPIFY INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	SHOP	999
SHOP	OPTN	Shopify Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	SHOP	999
1SHOP	OPTN	Shopify Inc (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SHOP	999
2SHOP	OPTN	Shopify Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SHOP	999
SHOT	EQUI	SAFETY SHOT, INC.	Yes	Yes	0.00	0.00	1	1.00	No	No	SHOT	999
SHOT	OPTN	SAFETY SHOT, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SHOT	999
SHOTW	WARR	SAFETY SHOT, INC. (WARRANT)	Yes	Yes	0.25	0.375	1	1.00	No	No	SHOT	999
SHW	EQUI	SHERWIN WILLIAMS COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SHW	999
SHW	OPTN	SHERWIN WILLIAMS CO	Yes	Yes	25.00	37.50	100	1.00	No	No	SHW	999
2SHW	OPTN	SHERWIN WILLIAMS CO (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SHW	999
SHYF	EQUI	The Shyft Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SHYF	999
SHYF	OPTN	The Shyft Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SHYF	999
SIBN	EQUI	SI BONE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SIBN	999
SIBN	OPTN	SI-BONE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SIBN	999
SID	EQUI	COMPANHIA SIDERURGICA NACION	Yes	Yes	0.00	0.00	1	1.00	No	No	SID	999
SID	OPTN	COMPANHIA SIDERURGICAL NACIONAL ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	SID	999
SIEB	EQUI	SIEBERT FINL CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SIEB	999
SIEB	OPTN	Siebert Financial Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	SIEB	999
SIFY	EQUI	SIFY TECHNOLOGIES LIMITED	Yes	Yes	0.00	0.00	1	1.00	No	No	SIFY	999
SIFY	OPTN	Sify Technologies Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	SIFY	999
SIFY1	OPTN	Sify Technologies Ltd. (Rights Distribution)	Yes	Yes	25.00	37.50	100	1.00	No	No	SIFY	999
SIFY2	OPTN	Sify Technologies Ltd. (1:6 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	SIFY	999
SIG	EQUI	SIGNET JEWELERS LIMITEDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	SIG	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
SIG	OPTN	SIGNET JEWELERS LIMITEDSHS	Yes	Yes	25.00	37.50	100	1.00	No	No	SIG	999
SIGA	EQUI	SIGA TECHNOLOGIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SIGA	999
SIGA	OPTN	SIGA Technologies Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SIGA	999
SIGI	EQUI	SELECTIVE INS GROUP INC	Yes	Yes	0.00	0.00	1	1.00	No	No	SIGI	999
SIGI	OPTN	Selective Insurance Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SIGI	999
SII	EQUI	SPROTT INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	SII	999
SII	OPTN	SPROTT INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SII	999
SIL	EQUI	GLOBAL X FDSSILVER MNR ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SIL	999
SIL	OPTN	Global X Silver Miners ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SIL	999
SILA	EQUI	SILA REALTY TRUST INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	SILA	999
SILA	OPTN	SILA REALTY TRUST, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SILA	999
SILJ	EQUI	Amplify Junior Silver Miners ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SILJ	999
SILJ	OPTN	Amplify Junior Silver Miners ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SILJ	999
SIMO	EQUI	SILICON MOTION TECHNOLOGY COSPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	SIMO	999
SIMO	OPTN	Silicon Motion Technology Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	SIMO	999
SIMS	EQUI	SPDR SER TRS&P KENSHO INTLG	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SIMS	999
SIMS	OPTN	SPDR S&P KENSHO INTELLIGENT STRUCTURES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SIMS	999
SIRI	EQUI	SiriusXM Holdings Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SIRI	999
SIRI	OPTN	Sirius XM Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SIRI	999
SIRI1	OPTN	Sirius XM Holdings Inc. (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	SIRI	999
SIRI2	OPTN	Liberty Sirius Group (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	SIRI	999
SITC	EQUI	SITE Centers Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	SITC	999
SITC	OPTN	SITE Centers Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	SITC	999
SITC1	OPTN	SITE Centers Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	SITC	999
SITC2	OPTN	SITE Centers Corporation (Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	SITC	999
SITE	EQUI	SITEONE LANDSCAPE SUPPLY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SITE	999
SITE	OPTN	SiteOne Landscape Supply, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SITE	999
SITM	EQUI	SITIME CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SITM	999
SITM	OPTN	SITIME CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	SITM	999
SIXG	EQUI	Defiance Connective Technologies ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SIXG	999
SIXG	OPTN	Defiance Connective Technologies ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SIXG	999
SIZE	EQUI	iShares MSCI USA Size Factor ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SIZE	999
SIZE	OPTN	iShares MSCI USA Size Factor ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SIZE	999
SJIM	EQUI	INVERSE CRAMER TRACKER ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SJIM	999
SJM	EQUI	SMUCKER J M COCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	SJM	999
SJM	OPTN	J M SMUCKER COMPANY (THE)	Yes	Yes	25.00	37.50	100	1.00	No	No	SJM	999
TWNKW	WARR	Hostess Brands Inc(warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	SJM	999
SJT	EQUI	SAN JUAN BASIN RTY TR	Yes	Yes	0.00	0.00	1	1.00	No	No	SJT	999
SJT	OPTN	SAN JUAN BASIN ROYALTY TRUST	Yes	Yes	25.00	37.50	100	1.00	No	No	SJT	999
SJW	EQUI	SJW Group	Yes	Yes	0.00	0.00	1	1.00	No	No	SJW	999
SJW	OPTN	SJW Group	Yes	Yes	25.00	37.50	100	1.00	No	No	SJW	999
SKE	EQUI	SKEENA RES LTD NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SKE	999
SKE	OPTN	SKEENA RESOURCES LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	SKE	999
SKIL	EQUI	Skillssoft Corporation Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	SKIL	999
SKILW	WARR	Skillssoft Corporation Class A (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	SKIL	999
SKIN	EQUI	The Beauty Health Company Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	SKIN	999
SKIN	OPTN	The Beauty Health Company	Yes	Yes	25.00	37.50	100	1.00	No	No	SKIN	999
SKLZ	EQUI	Skillz Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	SKLZ	999
SKLZ	OPTN	Skillz Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SKLZ	999
SKM	EQUI	SK TELECOM LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	SKM	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
SKM	OPTN	SK TELECOM CO. LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	SKM	999
SKOR	EQUI	FLEXSHARES TRCR SCD US BD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SKOR	999
SKRE	EQUI	ETF OPPORTUNITIES TRUSTTUTTLE CAP DAILY	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	SKRE	999
SKRE	OPTN	OPPORTUNITIES TRUST TUTTLE CAP DAILY	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	SKRE	999
SKT	EQUI	Tanger Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SKT	999
SKT	OPTN	Tanger Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SKT	999
SKWD	EQUI	SKYWARD SPECIALTY INS GROUPECOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SKWD	999
SKWD	OPTN	SKYWARD SPECIALTY INSURANCE GROUP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	SKWD	999
SKX	EQUI	Skechers USA INC CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	SKX	999
SKX	OPTN	Skechers USA Inc CL A	Yes	Yes	25.00	37.50	100	1.00	No	No	SKX	999
SKY	EQUI	Champion Homes, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SKY	999
SKY	OPTN	Champion Homes, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SKY	999
SKYE	EQUI	SKYE BIOSCIENCE INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	SKYE	999
SKYE	OPTN	SKYE BIOSCIENCE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SKYE	999
SKYH	EQUI	Sky Harbour Group Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	SKYH	999
SKYH	OPTN	SKY HARBOUR GROUP CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	SKYH	999
SKYHWS	WARR	Sky Harbour Group Corporation (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	SKYH	999
SKYT	EQUI	SKYWATER TECHNOLOGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SKYT	999
SKYT	OPTN	SKYWATER TECHNOLOGY INC	Yes	Yes	25.00	37.50	100	1.00	No	No	SKYT	999
SKYU	EQUI	PROSHARES TRULTR NASDAQCMPTG	Yes	Yes	0.00	0.00	1	2.00	Yes	No	SKYU	999
SKYU	OPTN	PROSHARES ULTRA NASDAQ CLOUD COMPUTING ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	SKYU	999
SKYW	EQUI	SKYWEST INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SKYW	999
SKYW	OPTN	SKYWEST, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SKYW	999
SKYY	EQUI	First Trust Cloud Computing ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SKYY	999
SKYY	OPTN	First Trust Cloud Computing ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SKYY	999
SLAB	EQUI	SILICON LABORATORIES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	SLAB	999
SLAB	OPTN	SILICON LABORATORIES INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SLAB	999
SLB	EQUI	SCHLUMBERGER LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	SLB	999
SLB	OPTN	SCHLUMBERGER LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	SLB	999
2SLB	OPTN	SCHLUMBERGER LTD (Euro Flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	SLB	999
SLDB	EQUI	SOLID BIOSCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SLDB	999
SLDB	OPTN	SOLID BIOSCIENCES, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	SLDB	999
SLDP	EQUI	Solid Power, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	SLDP	999
SLDP	OPTN	Solid Power, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SLDP	999
SLDPW	WARR	Solid Power, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	SLDP	999
SLF	EQUI	SUN LIFE FINL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SLF	999
SLF	OPTN	SUN LIFE FINANCIAL INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SLF	999
SLG	EQUI	SL GREEN RLTY CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	SLG	999
SLG	OPTN	SL Green Realty Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	SLG	999
SLGL	EQUI	SOL GEL TECHNOLOGIESSSH	Yes	Yes	0.00	0.00	1	1.00	No	No	SLGL	999
SLGL	OPTN	SOL-GEL TECHNOLOGIES LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	SLGL	999
SLGN	EQUI	SILGAN HOLDINGS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	SLGN	999
SLGN	OPTN	Silgan Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SLGN	999
SLI	EQUI	STANDARD LITHIUM LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SLI	999
SLI	OPTN	STANDARD LITHIUM LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	SLI	999
SLM	EQUI	SLM CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	SLM	999
SLM	OPTN	SLM CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	SLM	999
SLN	EQUI	SILENCE THERAPEUTICS PLCADS	Yes	Yes	0.00	0.00	1	1.00	No	No	SLN	999
SLN	OPTN	SILENCE THERAPEUTICS PLC SPONSORED ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	SLN	999
SLNO	EQUI	SOLENO THERAPEUTICS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	SLNO	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
SLNO	OPTN	SOLENO THERAPEUTICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	SLNO	999
SLP	EQUI	SIMULATIONS PLUS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SLP	999
SLP	OPTN	Simulations Plus Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SLP	999
SLQD	EQUI	ISHARES TR0-5YR INVT GR CP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SLQD	999
SLQD	OPTN	ISHARES 0-5 YEAR INVESTMENT GRADE CORPORATE BOND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SLQD	999
SLQT	EQUI	SELECTQUOTE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SLQT	999
SLQT	OPTN	SELECTQUOTE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SLQT	999
1SLQT	OPTN	SELECTQUOTE, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SLQT	999
SLRC	EQUI	SLR Investment Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	SLRC	999
SLRC	OPTN	SLR Investment Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	SLRC	999
SLRN	EQUI	ACELYRIN INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SLRN	999
SLRN	OPTN	ACELYRIN INC	Yes	Yes	25.00	37.50	100	1.00	No	No	SLRN	999
SLS	EQUI	SELLAS LIFE SCIENCES GROUP ICOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	SLS	999
SLS	OPTN	SELLAS LIFE SCIENCES GROUP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SLS	999
SLSR	EQUI	SOLARIS RESOURCES INC.	Yes	Yes	0.00	0.00	1	1.00	No	No	SLSR	999
SLSR	OPTN	SOLARIS RESOURCES INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SLSR	999
SLVM	EQUI	SYLVAMO CORPCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	SLVM	999
SLVM	OPTN	SYLVAMO CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	SLVM	999
2SLVM	OPTN	SYLVAMO CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SLVM	999
SLVP	EQUI	ISHARESGLB SILV MIN ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SLVP	999
SLVP	OPTN	ISHARES MSCI GLOBAL SILVER MINERS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SLVP	999
SLX	EQUI	VanEck Steel ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SLX	999
SLX	OPTN	VanEck Steel ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SLX	999
SM	EQUI	SM Energy Company	Yes	Yes	0.00	0.00	1	1.00	No	No	SM	999
SM	OPTN	SM Energy Company	Yes	Yes	25.00	37.50	100	1.00	No	No	SM	999
1SM	OPTN	SM Energy Company (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SM	999
SMBC	EQUI	SOUTHERN MO BANCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SMBC	999
SMBC	OPTN	SOUTHERN MISSOURI BANCORP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SMBC	999
SMBK	EQUI	SMARTFINANCIAL INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	SMBK	999
SMBK	OPTN	SMARTFINANCIAL INC	Yes	Yes	25.00	37.50	100	1.00	No	No	SMBK	999
SMC	EQUI	Summit Midstream Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	SMC	999
SMC	OPTN	Summit Midstream Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	SMC	999
SMCI	EQUI	SUPER MICRO COMPUTER INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SMCI	999
SMCI	OPTN	SUPER MICRO COMPUTER INC	Yes	Yes	25.00	37.50	100	1.00	No	No	SMCI	999
2SMCI	OPTN	SUPER MICRO COMPUTER INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SMCI	999
SMCX	EQUI	TIDAL TR IIDEF DT2XL SMCI	Yes	Yes	0.00	0.00	1	2.00	Yes	No	SMCX	999
SMCX	OPTN	DEFIANCE DAILY TARGET 2X LONG SMCI ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	SMCX	999
SMCX1	OPTN	DEFIANCE DAILY TARGET 2X LONG SMCI ETF (5 Shrs)	Yes	Yes	25.00	37.50	100	2.00	Yes	No	SMCX	999
SMCY	EQUI	TIDAL TR IYIELDMAX SMCI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SMCY	999
SMCY	OPTN	YIELDMAX SMCI OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SMCY	999
SMDV	EQUI	PROSHARES TRRUSS 2000 DIVD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SMDV	999
SMDV	OPTN	PROSHARES TRUST RUSSELL 2000 DIVIDEND GROWERS	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SMDV	999
SMFG	EQUI	SUMITOMO MITSUI FINL GROUP ISPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	SMFG	999
SMFG	OPTN	Sumitomo Mitsui Financial Group Inc. ADS	Yes	Yes	25.00	37.50	100	1.00	No	No	SMFG	999
2SMFG	OPTN	Sumitomo Mitsui Financial Group Inc. A (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SMFG	999
SMG	EQUI	SCOTTS MIRACLE GRO CO. CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	SMG	999
SMG	OPTN	Scotts Miracle Gro Co. Cl. A	Yes	Yes	25.00	37.50	100	1.00	No	No	SMG	999
SMHB	EQUI	UBS AG LONDON BRANCHETRACS MNTHLY B	Yes	No	0.00		1	2.00	No	Yes	SMHB	999
SMHI	EQUI	SEACOR MARINE HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SMHI	999
SMHI	OPTN	SEACOR MARINE HOLDINGS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	SMHI	999

## RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
SMIN	EQUI	iShares MSCI India Small Cap Index Fund ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SMIN	999
SMIN	OPTN	ISHARES MSCI INDIA SMALL CAP ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SMIN	999
SMLF	EQUI	ISHARES TRUS SML CAP EQT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SMLF	999
SMLF	OPTN	ISHARES U.S. SMALLCAP EQUITY FACTOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SMLF	999
SMLL	EQUI	HARBOR ETF TRUSTACTIVE SMALL CAP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SMLL	999
SMLL	OPTN	HARBOR ACTIVE SMALL CAP ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SMLL	999
SMLR	EQUI	SEMLER SCIENTIFIC INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SMLR	999
SMLR	OPTN	SEMLER SCIENTIFIC, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SMLR	999
SMLV	EQUI	SPDR SER TRSSGA US SMAL ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SMLV	999
SMLV	OPTN	SPDR SSGA US SMALL CAP LOW VOLATILITY INDEX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SMLV	999
SMMD	EQUI	iShares Russell 2500 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SMMD	999
SMMD	OPTN	ISHARES RUSSELL 2500 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SMMD	999
SMMT	EQUI	Summit Therapeutics Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SMMT	999
SMMT	OPTN	Summit Therapeutics Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SMMT	999
1SMMT	OPTN	Summit Therapeutics Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SMMT	999
SMMV	EQUI	iShares Edge MSCI Min Vol USA Small-Cap ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SMMV	999
SMOG	EQUI	VanEck Low Carbon Energy ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SMOG	999
SMOG	OPTN	VanEck Low Carbon Energy ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SMOG	999
SMOT	EQUI	VANECK MORNINGSTAR SMID MOAT ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SMOT	999
SMOT	OPTN	VANECK MORNINGSTAR SMID MOAT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SMOT	999
SMP	EQUI	STANDARD MTR PRODS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	SMP	999
SMP	OPTN	Standard Motor Products, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SMP	999
SMPL	EQUI	SIMPLY GOOD FOODS CO THE	Yes	Yes	0.00	0.00	1	1.00	No	No	SMPL	999
SMPL	OPTN	SIMPLY GOOD FOODS CO THE	Yes	Yes	25.00	37.50	100	1.00	No	No	SMPL	999
SMR	EQUI	NuScale Power Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	SMR	999
SMR	OPTN	NuScale Power Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	SMR	999
SMRT	EQUI	SmartRent, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SMRT	999
SMRT	OPTN	SmartRent, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SMRT	999
SMSI	EQUI	SMITH MICRO SOFTWARE INC	Yes	Yes	0.00	0.00	1	1.00	No	No	SMSI	999
SMSI	OPTN	Smith Micro Software, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SMSI	999
SMST	EQUI	Tidal Trust II Defiance Daily Target 2x Short MSTR	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	SMST	999
SMST	OPTN	Tidal Trust II Defiance Daily Target 2x Short MSTR	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	SMST	999
SMST1	OPTN	Defiance Daily Target 2x Short MSTR (20 Shrs)	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	SMST	999
SMTC	EQUI	SEMTECH CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	SMTC	999
SMTC	OPTN	SEMTECH CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	SMTC	999
SMWB	EQUI	SIMILARWEB LTDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	SMWB	999
SMWB	OPTN	SIMILARWEB LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	SMWB	999
SN	EQUI	SHARKNINJA INCCOM SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	SN	999
SN	OPTN	SHARKNINJA INC	Yes	Yes	25.00	37.50	100	1.00	No	No	SN	999
SNA	EQUI	SNAP ON INC	Yes	Yes	0.00	0.00	1	1.00	No	No	SNA	999
SNA	OPTN	SNAP-ON INCORPORATED	Yes	Yes	25.00	37.50	100	1.00	No	No	SNA	999
SNAP	EQUI	SNAP INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	SNAP	999
SNAP	OPTN	Snap, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	SNAP	999
1SNAP	OPTN	Snap, Inc (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SNAP	999
2SNAP	OPTN	Snap, Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SNAP	999
SNBR	EQUI	Sleep Number Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	SNBR	999
SNBR	OPTN	Sleep Number Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	SNBR	999
SNCR	EQUI	SYNCHRONOSS TECHNOLOGIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SNCR	999
SNCR	OPTN	Synchronoss Technologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SNCR	999
SNCY	EQUI	SUN CTRY AIRLS HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SNCY	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
SNCY	OPTN	SUN COUNTRY AIRLINES HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SNCY	999
1SNCY	OPTN	SUN COUNTRY AIRLINES HOLDINGS, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SNCY	999
SND	EQUI	SMART SAND INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SND	999
SND	OPTN	Smart Sand, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SND	999
SNDK	EQUI	SANDISK CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SNDK	999
SNDK	OPTN	SANDISK CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	SNDK	999
SNDL	EQUI	SNDL Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SNDL	999
SNDL	OPTN	SUNDIAL GROWERS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SNDL	999
SNDR	EQUI	SCHNEIDER NATIONAL INCCL B	Yes	Yes	0.00	0.00	1	1.00	No	No	SNDR	999
SNDR	OPTN	Schneider National, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SNDR	999
SNDX	EQUI	SYNDAX PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SNDX	999
SNDX	OPTN	Syndax Pharmaceuticals, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	SNDX	999
1SNDX	OPTN	Syndax Pharmaceuticals, Inc (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SNDX	999
SNEX	EQUI	StoneX Group Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SNEX	999
SNEX	OPTN	StoneX Group Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SNEX	999
SNEX1	OPTN	StoneX Group Inc. (3:2 Stock Split)	Yes	Yes	37.50	56.25	150	1.00	No	No	SNEX	999
SNN	EQUI	SMITH & NEPHEW PLC	Yes	Yes	0.00	0.00	1	1.00	No	No	SNN	999
SNN	OPTN	Smith & Nephew PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	SNN	999
SNOW	EQUI	SNOWFLAKE INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	SNOW	999
SNOW	OPTN	SNOWFLAKE, INC. CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	SNOW	999
2SNOW	OPTN	SNOWFLAKE, INC. CLASS A (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SNOW	999
SNOY	EQUI	TIDAL TR I IYIELDMAX SNOW OP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SNOY	999
SNOY	OPTN	YIELDMAX SNOW OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SNOY	999
SNPS	EQUI	SYNOPSIS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	SNPS	999
SNPS	OPTN	SYNOPSIS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	SNPS	999
2SNPS	OPTN	SYNOPSIS INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SNPS	999
SNSR	EQUI	GLOBAL X FDSINTERNET OF THNG	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SNSR	999
SNSR	OPTN	GLOBAL X INTERNET OF THINGS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SNSR	999
SNV	EQUI	SYNOVUS FINL CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SNV	999
SNV	OPTN	SYNOVOUS FINANCIAL CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	SNV	999
SNX	EQUI	TD SYNnex Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	SNX	999
SNX	OPTN	TD SYNnex Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	SNX	999
SNY	EQUI	Sanofi	Yes	Yes	0.00	0.00	1	1.00	No	No	SNY	999
SNY	OPTN	Sanofi	Yes	Yes	25.00	37.50	100	1.00	No	No	SNY	999
2SNY	OPTN	Sanofi (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SNY	999
SO	EQUI	SOUTHERN CO	Yes	Yes	0.00	0.00	1	1.00	No	No	SO	999
SO	OPTN	SOUTHERN CO	Yes	Yes	25.00	37.50	100	1.00	No	No	SO	999
1SO	OPTN	SOUTHERN CO (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SO	999
2SO	OPTN	SOUTHERN CO (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SO	999
SOBO	EQUI	South Bow Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	SOBO	999
SOBO	OPTN	SOUTH BOW CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	SOBO	999
2SOBO	OPTN	SOUTH BOW CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SOBO	999
SOC	EQUI	Sable Offshore Corp.	Yes	Yes	0.00	0.00	1	1.00	No	No	SOC	999
SOC	OPTN	SABLE OFFSHORE CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	SOC	999
2SOC	OPTN	SABLE OFFSHORE CORP. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SOC	999
SOCL	EQUI	Global X Funds Global X Social Media ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SOCL	999
SOCL	OPTN	Global X Funds Global X Social Media ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SOCL	999
SOFI	EQUI	SoFi Technologies, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SOFI	999
SOFI	OPTN	SoFi Technologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SOFI	999
1SOFI	OPTN	SoFi Technologies, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SOFI	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
2SOFI	OPTN	SoFi Technologies, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SOFI	999
SOFX	EQUI	TIDAL TR IIDEFIANCE DAILY	Yes	Yes	0.00	0.00	1	2.00	Yes	No	SOFX	999
SOFX	OPTN	DEFIANCE DAILY TARGET 2X LONG SOFI ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	SOFX	999
SOGP	EQUI	Sound Group Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SOGP	999
SOGP	OPTN	Sound Group Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SOGP	999
SOHU	EQUI	Sohu.com Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	SOHU	999
SOHU	OPTN	Sohu.com Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	SOHU	999
SOL	EQUI	Emeren Group Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	SOL	999
SOL	OPTN	Emeren Group Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	SOL	999
SOLV	EQUI	SOLVENTUM CORPCOM SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	SOLV	999
SOLV	OPTN	SOLVENTUM CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	SOLV	999
SON	EQUI	SONOCO PRODS CO	Yes	Yes	0.00	0.00	1	1.00	No	No	SON	999
SON	OPTN	Sonoco Products Co.	Yes	Yes	25.00	37.50	100	1.00	No	No	SON	999
SOND	EQUI	Sonder Holdings Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SOND	999
SOND	OPTN	SONDER HOLDINGS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SOND	999
SONDW	WARR	Sonder Holdings Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	SOND	999
SONO	EQUI	SONOS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SONO	999
SONO	OPTN	SONOS Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	SONO	999
SONY	EQUI	Sony Group Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	SONY	999
SONY	OPTN	Sony Group Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	SONY	999
SOPH	EQUI	SOPHIA GENETICS SAORDINARY SHARES	Yes	Yes	0.00	0.00	1	1.00	No	No	SOPH	999
SOPH	OPTN	SOPHIA GENETICS SA	Yes	Yes	25.00	37.50	100	1.00	No	No	SOPH	999
SOUN	EQUI	SOUNDHOUND AI INCCLASS A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	SOUN	999
SOUN	OPTN	SOUNDHOUND AI, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	SOUN	999
SOUNW	WARR	SOUNDHOUND AI, INC (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	SOUN	999
SOXM	EQUI	INVESTMENT MANAGERS SER TR ITRADR 2X LNG SOX	Yes	Yes	0.00	0.00	1	2.00	Yes	No	SOXM	999
SOXM	OPTN	TRADR 2X LONG SOXX MONTHLY ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	SOXM	999
SOXW	EQUI	INVESTMENT MANAGERS SER TR ITRADR 2X LONG SO	Yes	Yes	0.00	0.00	1	2.00	Yes	No	SOXW	999
SOXW	OPTN	TRADR 2X LONG SOXX WEEKLY ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	SOXW	999
SOXY	EQUI	TIDAL TR IYIELDMAX TARGET	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SOXY	999
SOXY	OPTN	YIELDMAX TARGET 12 SEMICONDUCTOR OPTION INCOME	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SOXY	999
SOYB	EQUI	TEUCRIUM COMMODITY TRSOYBEAN FD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SOYB	999
SOYB	OPTN	Teucrium Soybean Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SOYB	999
SPB	EQUI	Spectrum Brands Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SPB	999
SPB	OPTN	Spectrum Brands Holdings Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SPB	999
SPBC	EQUI	Simplify US Equity PLUS Bitcoin Strategy ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPBC	999
SPBC	OPTN	Simplify US Equity PLUS Bitcoin Strategy ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPBC	999
SPBO	EQUI	SPDR SER TRPORTFOLIO CRPORT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPBO	999
SPBO	OPTN	SPDR PORTFOLIO CORPORATE BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPBO	999
SPC	EQUI	TRUST FOR PROFESSIONAL MANAGCROSSINGBRDG PRE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPC	999
SPC	OPTN	CROSSINGBRIDGE PRE-MERGER SPAC ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPC	999
SPCE	EQUI	Virgin Galactic Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SPCE	999
SPCE	OPTN	Virgin Galactic Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SPCE	999
SPCE1	OPTN	Virgin Galactic Holdings, Inc. (1:20 Reverse Spli)	Yes	Yes	25.00	37.50	100	1.00	No	No	SPCE	999
2SPCE	OPTN	Virgin Galactic Holdings, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SPCE	999
SPCX	EQUI	COLLABORATIVE INVESTMNT SERTHE SPAC AND NEW	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPCX	999
SPCX	OPTN	COLLABORATIVE INVESTMENT SERIES TRUST	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPCX	999
SPD	EQUI	SIMPLIFY EXCHANGE TRADED FUNUS EQT PLS DWNSD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPD	999
SPD	OPTN	SIMPLIFY US EQUITY PLUS DOWNSIDE CONVEXITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPD	999
SPFF	EQUI	GLOBAL X FDSGLBX SUPRINC ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPFF	999



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SPFF	OPTN	GLOBAL X SUPERINCOME PREFERRED ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPFF	999
SPFI	EQUI	SOUTH PLAINS FINANCIAL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SPFI	999
SPFI	OPTN	SOUTH PLAINS FINANCIAL, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SPFI	999
SPG	EQUI	SIMON PROPERTY GROUP	Yes	Yes	0.00	0.00	1	1.00	No	No	SPG	999
SPG	OPTN	SIMON PROPERTY GROUP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SPG	999
SPGI	EQUI	S&P Global Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SPGI	999
SPGI	OPTN	S&P Global Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SPGI	999
2SPGI	OPTN	S&P Global Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SPGI	999
SPGP	EQUI	INVESCO EXCHANGE TRADED FD TS&P 500 GARP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPGP	999
SPGP	OPTN	INVESCO S&P 500 GARP ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPGP	999
SPH	EQUI	SUBURBAN PROPANE PARTNERS LUNIT LTD PARTN	Yes	Yes	0.00	0.00	1	1.00	No	No	SPH	999
SPH	OPTN	Suburban Propane Partners, L.P.	Yes	Yes	25.00	37.50	100	1.00	No	No	SPH	999
HIBL	EQUI	DIREXION SHS ETF TRDAILY S&P BULL	Yes	Yes	0.00	0.00	1	3.00	Yes	No	SPHB	999
HIBS	EQUI	DIREXION SHS ETF TRDAILY S&P BEAR	Yes	Yes	0.00	0.00	1	-3.00	Yes	No	SPHB	999
SPHB	EQUI	Invesco S&P 500 High Beta ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPHB	999
HIBL	OPTN	DIREXION DAILY S&P 500 HIGH BETA BULL 3X SHARES	Yes	Yes	25.00	37.50	100	3.00	Yes	No	SPHB	999
HIBS	OPTN	DIREXION DAILY S&P 500 HIGH BETA BEAR 3X SHARES	Yes	Yes	25.00	37.50	100	-3.00	Yes	No	SPHB	999
SPHB	OPTN	Invesco S&P 500 High Beta ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPHB	999
SPHD	EQUI	Invesco S&P 500 High Dividend Low Volatility ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPHD	999
SPHD	OPTN	Invesco S&P 500 High Dividend Low Volatility ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPHD	999
SPHQ	EQUI	Invesco S&P 500 Quality ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPHQ	999
SPHQ	OPTN	Invesco S&P 500 Quality ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPHQ	999
SPHR	EQUI	Sphere Entertainment Co.	Yes	Yes	0.00	0.00	1	1.00	No	No	SPHR	999
SPHR	OPTN	Sphere Entertainment Co.	Yes	Yes	25.00	37.50	100	1.00	No	No	SPHR	999
SPIB	EQUI	SPDR Portfolio Intermediate Term Corp. Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPIB	999
SPIB	OPTN	SPDR PORTFOLIO INTERMEDIATE TERM CORP	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPIB	999
SPIEF	EQUI	SPI ENERGY CO LTDSHS NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	SPIEF	999
SPIEF	OPTN	SPI Energy Co., Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	SPIEF	999
SPIR	EQUI	Spire Global, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	SPIR	999
SPIR	OPTN	Spire Global, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SPIR	999
SPLB	EQUI	SPDR SER TRPORTFOLIO LN COR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPLB	999
SPLB	OPTN	SPDR PORTFOLIO LONG TERM CORPORATE BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPLB	999
SPLV	EQUI	Invesco S&P 500 Low Volatility ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPLV	999
SPLV	OPTN	Invesco S&P 500 Low Volatility ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPLV	999
SPMO	EQUI	INVESCO EXCH TRADED FD TR IIS&P 500 MOMNTM	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPMO	999
SPMO	OPTN	INVESCO S&P 500 MOMENTUM ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPMO	999
SPMV	EQUI	INVESCO S&P 500 MINIMUM VARIANCE ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPMV	999
SPMV	OPTN	INVESCO S&P 500 MINIMUM VARIANCE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPMV	999
SPNS	EQUI	Sapiens International Corporation NV	Yes	Yes	0.00	0.00	1	1.00	No	No	SPNS	999
SPNS	OPTN	Sapiens International Corporation NV	Yes	Yes	25.00	37.50	100	1.00	No	No	SPNS	999
SPNT	EQUI	SiriusPoint Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	SPNT	999
SPNT	OPTN	SiriusPoint Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	SPNT	999
SPOK	EQUI	Spok Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SPOK	999
SPOK	OPTN	Spok Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SPOK	999
SPOT	EQUI	SPOTIFY TECHNOLOGY S ASHS	Yes	Yes	0.00	0.00	1	1.00	No	No	SPOT	999
SPOT	OPTN	SPOTIFY TECHNOLOGY S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	SPOT	999
1SPOT	OPTN	SPOTIFY TECHNOLOGY S.A. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SPOT	999
2SPOT	OPTN	SPOTIFY TECHNOLOGY S.A. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SPOT	999
SPR	EQUI	SPIRIT AEROSYSTEMS HLDGS INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	SPR	999
SPR	OPTN	Spirit Aerosystems Holdings Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	SPR	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
SPRB	EQUI	SPRUCE BIOSCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SPRB	999
SPRB	OPTN	SPRUCE BIOSCIENCES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SPRB	999
SPRO	EQUI	SPERO THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SPRO	999
SPRO	OPTN	Spero Therapeutics Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	SPRO	999
SPRU	EQUI	Spruce Power Holding Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	SPRU	999
SPRU	OPTN	Spruce Power Holding Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	SPRU	999
PICWS	WARR	XL Fleet Corporation Class A (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	SPRU	999
SPRX	EQUI	LISTED FD TRSPEAR ALPHA ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPRX	999
SPRX	OPTN	SPEAR ALPHA ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPRX	999
SPRY	EQUI	ARS Pharmaceuticals, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SPRY	999
SPRY	OPTN	ARS Pharmaceuticals, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SPRY	999
SPSB	EQUI	SPDR Portfolio Short Term Corporate Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPSB	999
SPSB	OPTN	SPDR PORTFOLIO SHORT TERM CORPORATE BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPSB	999
SPSC	EQUI	SPS COMM INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SPSC	999
SPSC	OPTN	SPS Commerce, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SPSC	999
SPT	EQUI	SPROUT SOCIAL INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	SPT	999
SPT	OPTN	SPROUT SOCIAL INC	Yes	Yes	25.00	37.50	100	1.00	No	No	SPT	999
SPTN	EQUI	SpartanNash Company	Yes	Yes	0.00	0.00	1	1.00	No	No	SPTN	999
SPTN	OPTN	SpartanNash Company	Yes	Yes	25.00	37.50	100	1.00	No	No	SPTN	999
SPVM	EQUI	INVESCO EXCHANGE TRADED FD TS&P 500 VLU MOMN	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPVM	999
SPVM	OPTN	INVESCO S&P 500 VALUE WITH MOMENTUM ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPVM	999
SPVU	EQUI	INVESCO EXCH TRADED FD TR IIS&P 500 ENHNCD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPVU	999
SPVU	OPTN	INVESCO S&P 500 ENHANCED VALUE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPVU	999
SPWH	EQUI	SPORTSMANS WHSE HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SPWH	999
SPWH	OPTN	Sportsman's Warehouse Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SPWH	999
SPXC	EQUI	SPX Technologies, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SPXC	999
SPXC	OPTN	SPX Technologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SPXC	999
SPXE	EQUI	PROSHARES TRSP500 EX ENRGY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPXE	999
SPXE	OPTN	PROSHARES S&P 500 EX-ENERGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPXE	999
SPXN	EQUI	PROSHARES TRSP500 EX FINLS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPXN	999
SPXN	OPTN	PROSHARES S&P 500 EX-FINANCIALS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPXN	999
SPXT	EQUI	PROSHARES TRSP500 EX TECH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPXT	999
SPXT	OPTN	PROSHARES S&P 500 EX-TECHNOLOGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPXT	999
SPXV	EQUI	PROSHARES TRSP500 EX HLTH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPXV	999
SPXV	OPTN	PROSHARES S&P 500 EX-HEALTH CARE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPXV	999
SPYB	EQUI	INVESTMENT MANAGERS SER TR ITRADR 2X LNG SPY	Yes	Yes	0.00	0.00	1	2.00	Yes	No	SPYB	999
SPYB	OPTN	TRADR 2X LONG SPY WEEKLY ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	SPYB	999
SPYD	EQUI	SPDR SER TRPRTFLO S&P500 HI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPYD	999
SPYD	OPTN	SPDR PORTFOLIO S&P 500 HIGH DIVIDEND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPYD	999
SPYI	EQUI	NEOS S&P 500 HIGH INCOME ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPYI	999
SPYI	OPTN	NEOS S&P 500 HIGH INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPYI	999
SPYM	EQUI	INVESTMENT MANAGERS SER TR ITRADR 2X LNG SPY	Yes	Yes	0.00	0.00	1	2.00	Yes	No	SPYM	999
SPYM	OPTN	TRADR 2X LONG SPY MONTHLY ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	SPYM	999
SPYQ	EQUI	INVESTMENT MANAGERS SER TR ITRADR 2X LNG SPY	Yes	Yes	0.00	0.00	1	2.00	Yes	No	SPYQ	999
SPYQ	OPTN	TRADR 2X LONG SPY QUARTERLY ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	SPYQ	999
SPYT	EQUI	TIDAL TR IIDEFIANCE S&P 500	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPYT	999
SPYT	OPTN	DEFIANCE S&P 500 TARGET INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPYT	999
SPYX	EQUI	SPDR SER TRSPDR S&P 500 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SPYX	999
SPYX	OPTN	SPDR S&P 500 FOSSIL FUEL RESERVES FREE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SPYX	999
SQFT	EQUI	PRESIDIO PPTY TR INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	SQFT	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
SQFT	OPTN	PRESIDIO PROPERTY TRUST, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SQFT	999
SQFTW	WARR	PRESIDIO PPTY TR INCCOM CL A (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	SQFT	999
SQM	EQUI	SOCIEDAD QUIMICA MINERA DE CSPON ADR SER B	Yes	Yes	0.00	0.00	1	1.00	No	No	SQM	999
SQM	OPTN	Sociedad Quimica y Minera de Chile SA (ADS)	Yes	Yes	25.00	37.50	100	1.00	No	No	SQM	999
SQNS	EQUI	SEQUANS COMMUNICATIONS S ASPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	SQNS	999
SQNS	OPTN	SEQUANS COMMUNICATIONS SA	Yes	Yes	25.00	37.50	100	1.00	No	No	SQNS	999
SQNS1	OPTN	SEQUANS COMMUNICATIONS SA (1:2.5 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	SQNS	999
XYZY	EQUI	YieldMax XYZ Option Income Strategy ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SQY	999
SQY	OPTN	YIELDMAX SQ OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SQY	999
XYZY	OPTN	YieldMax XYZ Option Income Strategy ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SQY	999
SR	EQUI	Spire Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SR	999
SR	OPTN	Spire Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SR	999
SRAD	EQUI	SPORTRADAR GROUP AGCLASS A ORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	SRAD	999
SRAD	OPTN	SPORTRADAR GROUP	Yes	Yes	25.00	37.50	100	1.00	No	No	SRAD	999
1SRAD	OPTN	SPORTRADAR GROUP (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SRAD	999
SRCE	EQUI	1ST SOURCE CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	SRCE	999
SRCE	OPTN	1St Source Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	SRCE	999
2SRCE	OPTN	1St Source Corp (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SRCE	999
SRDX	EQUI	Surmodics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SRDX	999
SRDX	OPTN	Surmodics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SRDX	999
SRE	EQUI	Sempre	Yes	Yes	0.00	0.00	1	1.00	No	No	SRE	999
SRE	OPTN	Sempre	Yes	Yes	25.00	37.50	100	1.00	No	No	SRE	999
1SRE	OPTN	Sempre (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SRE	999
2SRE	OPTN	Sempre (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SRE	999
SRET	EQUI	GLOBAL X FDSREIT ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SRET	999
SRET	OPTN	GLOBAL X FUNDS GLOBAL X SUPERDIVIDEND REIT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SRET	999
SRG	EQUI	Seritage Growth Properties	Yes	Yes	0.00	0.00	1	1.00	No	No	SRG	999
SRG	OPTN	Seritage Growth Properties	Yes	Yes	25.00	37.50	100	1.00	No	No	SRG	999
SRI	EQUI	STONERIDGE INC	Yes	Yes	0.00	0.00	1	1.00	No	No	SRI	999
SRI	OPTN	Stoneridge, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SRI	999
SRL	EQUI	SCULLY ROYALTY LTDCOM SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	SRL	999
SRL	OPTN	SCULLY ROYALTY LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	SRL	999
SRLN	EQUI	SPDR Blackstone Senior Loan ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SRLN	999
SRLN	OPTN	SPDR Blackstone Senior Loan ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SRLN	999
SRNE	EQUI	SORRENTO THERAPEUTICS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	SRNE	999
SRNE1	OPTN	Sorrento Therapeutics Inc(dist)	Yes	Yes	25.00	37.50	100	1.00	No	No	SRNE	999
SRPT	EQUI	SAREPTA THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SRPT	999
SRPT	OPTN	Sarepta Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SRPT	999
1SRPT	OPTN	Sarepta Therapeutics, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SRPT	999
2SRPT	OPTN	Sarepta Therapeutics, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SRPT	999
SRRK	EQUI	SCHOLAR ROCK HLDG CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SRRK	999
SRRK	OPTN	SCHOLAR ROCK HOLDING CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	SRRK	999
1SRRK	OPTN	SCHOLAR ROCK HOLDING CORP. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SRRK	999
SRTS	EQUI	SENSUS HEALTHCARE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SRTS	999
SRTS	OPTN	SENSUS HEALTHCARE, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	SRTS	999
SRVR	EQUI	Pacer Data & Infrastructure Real Estate ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SRVR	999
SRVR	OPTN	Pacer Data & Infrastructure Real Estate ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SRVR	999
SSB	EQUI	SouthState Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	SSB	999
SSB	OPTN	SouthState Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	SSB	999
SSB1	OPTN	Independent Bank Group, Inc. (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	SSB	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
SSD	EQUI	SIMPSON MANUFACTURING CO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SSD	999
SSD	OPTN	Simpson Manufacturing Co., Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SSD	999
SSL	EQUI	SASOL LTDSPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	SSL	999
SSL	OPTN	SASOL LTD-SPONSORED ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	SSL	999
SSNC	EQUI	SS&C TECHNOLOGIES HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SSNC	999
SSNC	OPTN	SS&C Technologies Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SSNC	999
2SSNC	OPTN	SS&C Technologies Holdings, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SSNC	999
SSP	EQUI	SCRIPPS E W CO OHIO	Yes	Yes	0.00	0.00	1	1.00	No	No	SSP	999
SSP	OPTN	THE E. W. SCRIPPS CO. CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	SSP	999
SSRM	EQUI	SSR Mining Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SSRM	999
SSRM	OPTN	SSR Mining Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SSRM	999
SSSS	EQUI	SuRo Capital Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	SSSS	999
SSSS	OPTN	SuRo Capital Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	SSSS	999
SST	EQUI	System1, Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	SST	999
SST	OPTN	System1, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SST	999
SSTWS	WARR	System1, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	SST	999
SSTI	EQUI	SoundThinking, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SSTI	999
SSTI	OPTN	SoundThinking, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SSTI	999
SSTK	EQUI	SHUTTERSTOCK INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SSTK	999
SSTK	OPTN	Shutterstock, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SSTK	999
SSUS	EQUI	STRATEGY SHSDAY HAGAN NED	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SSUS	999
SSUS	OPTN	DAY HAGAN NED DAVIS RESEARCH SMART SECTOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SSUS	999
SSYS	EQUI	STRATASYS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	SSYS	999
SSYS	OPTN	STRATASYS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SSYS	999
ST	EQUI	Sensata Technologies Holding plc	Yes	Yes	0.00	0.00	1	1.00	No	No	ST	999
ST	OPTN	Sensata Technologies Holding plc	Yes	Yes	25.00	37.50	100	1.00	No	No	ST	999
STAA	EQUI	STAAR SURGICAL COCOM PAR \$0.01	Yes	Yes	0.00	0.00	1	1.00	No	No	STAA	999
STAA	OPTN	Staar Surgical Company	Yes	Yes	25.00	37.50	100	1.00	No	No	STAA	999
STAG	EQUI	STAG INDL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	STAG	999
STAG	OPTN	STAG Industrial, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	STAG	999
STBA	EQUI	S & T BANCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	STBA	999
STBA	OPTN	S & T Bancorp Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	STBA	999
STC	EQUI	STEWART INFORMATION SVCS COR	Yes	Yes	0.00	0.00	1	1.00	No	No	STC	999
STC	OPTN	Stewart Infomation Services Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	STC	999
STCE	EQUI	SCHWAB STRATEGIC TRCRYPTO THEMATIC	Yes	Yes	0.00	0.00	1	1.00	Yes	No	STCE	999
STCE	OPTN	SCHWAB CRYPTO THEMATIC ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	STCE	999
STCN	OPTN	Steel Connect, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	STCN	999
STE	EQUI	STERIS plc	Yes	Yes	0.00	0.00	1	1.00	No	No	STE	999
STE	OPTN	STERIS plc	Yes	Yes	25.00	37.50	100	1.00	No	No	STE	999
STEM	EQUI	Stem, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	STEM	999
STEM	OPTN	Stem, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	STEM	999
STEP	EQUI	STEPSTONE GROUP INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	STEP	999
STEP	OPTN	STEPSTONE GROUP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	STEP	999
STGW	EQUI	Stagwell Inc. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	STGW	999
STGW	OPTN	Stagwell Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	STGW	999
2STGW	OPTN	Stagwell Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	STGW	999
STHO	EQUI	STAR HLDGSSHS BEN INT	Yes	Yes	0.00	0.00	1	1.00	No	No	STHO	999
STHO	OPTN	STAR HOLDINGS	Yes	Yes	25.00	37.50	100	1.00	No	No	STHO	999
STIM	EQUI	NEURONETICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	STIM	999
STIM	OPTN	NEURONETICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	STIM	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
STKH	EQUI	Steakholder Foods Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	STKH	999
STKH	OPTN	Steakholder Foods Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	STKH	999
STKL	EQUI	SUNOPTA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	STKL	999
STKL	OPTN	SunOpta Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	STKL	999
STKS	EQUI	THE ONE GROUP HOSPITALITY INCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	STKS	999
STKS	OPTN	ONE GROUP HOSPITALITY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	STKS	999
STLA	EQUI	Stellantis N.V.	Yes	Yes	0.00	0.00	1	1.00	No	No	STLA	999
STLA	OPTN	Stellantis N.V.	Yes	Yes	25.00	37.50	100	1.00	No	No	STLA	999
STLD	EQUI	STEEL DYNAMICS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	STLD	999
STLD	OPTN	STEEL DYNAMICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	STLD	999
GARP	EQUI	ISHARES TRMSCI USA QUALITY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	STLG	999
STLV	EQUI	iShares Factors US Value Style ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	STLV	999
STM	EQUI	STMICROELECTRONICS N V	Yes	Yes	0.00	0.00	1	1.00	No	No	STM	999
STM	OPTN	STMICROELECTRONICS NV	Yes	Yes	25.00	37.50	100	1.00	No	No	STM	999
2STM	OPTN	STMICROELECTRONICS NV (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	STM	999
STN	EQUI	STANTEC INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	STN	999
STN	OPTN	STANTEC INC	Yes	Yes	25.00	37.50	100	1.00	No	No	STN	999
STNE	EQUI	STONECO LTDCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	STNE	999
STNE	OPTN	STONECO LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	STNE	999
1STNE	OPTN	STONECO LTD. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	STNE	999
2STNE	OPTN	STONECO LTD. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	STNE	999
STNG	EQUI	SCORPIO TANKERS INCSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	STNG	999
STNG	OPTN	Scorpio Tankers Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	STNG	999
STOK	EQUI	STOKE THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	STOK	999
STOK	OPTN	STOKE THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	STOK	999
STR	EQUI	Sitio Royalties Corporation Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	STR	999
STR	OPTN	Sitio Royalties Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	STR	999
STRXW	WARR	Sitio Royalties Corporation Class A (Warrant)	Yes	Yes	0.062	0.094	0.25	1.00	No	No	STR	999
STRA	EQUI	Strategic Education, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	STRA	999
STRA	OPTN	Strategic Education, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	STRA	999
STRL	EQUI	Sterling Infrastructure, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	STRL	999
STRL	OPTN	Sterling Infrastructure, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	STRL	999
STRO	EQUI	SUTRO BIOPHARMA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	STRO	999
STRO	OPTN	SUTRO BIOPHARMA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	STRO	999
STT	EQUI	STATE STR CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	STT	999
STT	OPTN	STATE STREET BOSTON CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	STT	999
2STT	OPTN	STATE STREET BOSTON CORP. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	STT	999
STTK	EQUI	SHATTUCK LABS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	STTK	999
STTK	OPTN	SHATTUCK LABS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	STTK	999
STVN	EQUI	STEVANATO GROUP S P AORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	STVN	999
STVN	OPTN	STEVANATO GROUP	Yes	Yes	25.00	37.50	100	1.00	No	No	STVN	999
STWD	EQUI	STARWOOD PPTY TR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	STWD	999
STWD	OPTN	Starwood Property Trust, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	STWD	999
STX	EQUI	Seagate Technology Holdings PLC	Yes	Yes	0.00	0.00	1	1.00	No	No	STX	999
STX	OPTN	Seagate Technology Holdings PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	STX	999
1STX	OPTN	Seagate Technology Holdings PLC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	STX	999
2STX	OPTN	Seagate Technology Holdings PLC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	STX	999
STXS	EQUI	Stereotaxis Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	STXS	999
STXS	OPTN	STEREOTAXIS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	STXS	999
STZ	EQUI	CONSTELLATION BRANDS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	STZ	999

**RBH/CPM Included Products**

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STZ	OPTN	CONSTELLATION BRANDS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	STZ	999
2STZ	OPTN	CONSTELLATION BRANDS, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	STZ	999
SU	EQUI	SUNCOR ENERGY INC	Yes	Yes	0.00	0.00	1	1.00	No	No	SU	999
SU	OPTN	SUNCOR ENERGY	Yes	Yes	25.00	37.50	100	1.00	No	No	SU	999
2SU	OPTN	SUNCOR ENERGY (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SU	999
SUI	EQUI	SUN COMMUNITIES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	SUI	999
SUI	OPTN	Sun Communities, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SUI	999
SUN	EQUI	Sunoco LP	Yes	Yes	0.00	0.00	1	1.00	No	No	SUN	999
SUN	OPTN	Sunoco LP	Yes	Yes	25.00	37.50	100	1.00	No	No	SUN	999
SUNS	EQUI	Sunrise Realty Trust, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SUNS	999
SUNS	OPTN	SUNRISE REALTY TRUST, INC. COMMON STOCK	Yes	Yes	25.00	37.50	100	1.00	No	No	SUNS	999
SUP	EQUI	SUPERIOR INDS INTL INC	Yes	Yes	0.00	0.00	1	1.00	No	No	SUP	999
SUP	OPTN	SUPERIOR INDUSTRIES INT	Yes	Yes	25.00	37.50	100	1.00	No	No	SUP	999
SUPL	EQUI	PROSHARES TRSUPPLY CHAIN LOG	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SUPL	999
SUPL	OPTN	PROSHARES SUPPLY CHAIN LOGISTICS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SUPL	999
SUPN	EQUI	SUPERNUS PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SUPN	999
SUPN	OPTN	Supernus Pharmaceuticals, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SUPN	999
SUPV	EQUI	GRUPO SUPERVIELLE S ASPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	SUPV	999
SUPV	OPTN	GRUPO SUPERVIELLE SA	Yes	Yes	25.00	37.50	100	1.00	No	No	SUPV	999
SURG	EQUI	SURGEPAYS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	SURG	999
SURG	OPTN	SURGEPAYS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	SURG	999
SURGW	WARR	SURGEPAYS INCCOM NEW (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	SURG	999
SUSA	EQUI	ISHARES TRMSCI USA ESG SLC	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SUSA	999
SUSA	OPTN	ISHARES MSCI USA ESG SELECT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SUSA	999
SUSB	EQUI	ISHARES TRESG AWRE 1 5 YR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SUSB	999
SUSB	OPTN	ISHARES ESG AWARE 1-5 YEAR USD CORPORATE BOND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SUSB	999
SUSL	EQUI	ISHARES TRESG MSCI LEADR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SUSL	999
SUSL	OPTN	ISHARES ESG MSCI USA LEADERS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SUSL	999
SUZ	EQUI	SUZANO S ASPON ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	SUZ	999
SUZ	OPTN	SUZANO S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	SUZ	999
SVAL	EQUI	iShares U.S. Small Cap Value Factor ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SVAL	999
SVAL	OPTN	ISHARES US SMALL CAP VALUE FACTOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SVAL	999
SVC	EQUI	Service Properties Trust	Yes	Yes	0.00	0.00	1	1.00	No	No	SVC	999
SVC	OPTN	Service Properties Trust	Yes	Yes	25.00	37.50	100	1.00	No	No	SVC	999
SVIX	EQUI	1X SHORT VIX FUTURES ETF	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	SVIX	999
SVIX	OPTN	-1X SHORT VIX FUTURES ETF	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	SVIX	999
SVM	EQUI	SILVERCORP METALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SVM	999
SVM	OPTN	SILVERCORP METALS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	SVM	999
SVOL	EQUI	SIMPLIFY EXCHANGE TRADED FUNVOLATILITY PREM	Yes	Yes	0.00	0.00	1	-0.25	Yes	No	SVOL	999
SVOL	OPTN	SIMPLITY ETF VOL PREM	Yes	Yes	25.00	37.50	100	-0.25	Yes	No	SVOL	999
SVRA	EQUI	Savara Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SVRA	999
SVRA	OPTN	Savara, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SVRA	999
SVV	EQUI	SAVERS VALUE VLG INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SVV	999
SVV	OPTN	SAVERS VALUE VILLAGE, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	SVV	999
SW	EQUI	Smurfit WestRock plc	Yes	Yes	0.00	0.00	1	1.00	No	No	SW	999
SW	OPTN	SMURFIT WESTROCK PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	SW	999
2SW	OPTN	SMURFIT WESTROCK PLC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SW	999
SWAN	EQUI	AMPLIFY ETF TRBLACKSWAN GRWT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SWAN	999
SWAN	OPTN	AMPLIFY BLACKSWAN GROWTH & TREASURY CORE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SWAN	999
SWBI	EQUI	Smith & Wesson Brands, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SWBI	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
SWBI	OPTN	Smith & Wesson Brands, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SWBI	999
SWI	EQUI	SOLARWINDS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SWI	999
SWI	OPTN	Solarwinds Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	SWI	999
SWIM	EQUI	LATHAM GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SWIM	999
SWIM	OPTN	LATHAM GROUP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	SWIM	999
SWK	EQUI	Stanley Black & Decker	Yes	Yes	0.00	0.00	1	1.00	No	No	SWK	999
SWK	OPTN	Stanley Black & Decker	Yes	Yes	25.00	37.50	100	1.00	No	No	SWK	999
SWKS	EQUI	SKYWORKS SOLUTIONS, INC.	Yes	Yes	0.00	0.00	1	1.00	No	No	SWKS	999
SWKS	OPTN	Skyworks Solutions, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	SWKS	999
SWTX	EQUI	SPRINGWORKS THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SWTX	999
SWTX	OPTN	SPRINGWORKS THERAPEUTICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	SWTX	999
SWX	EQUI	Southwest Gas Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SWX	999
SWX	OPTN	Southwest Gas Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SWX	999
SXC	EQUI	SUNCOKE ENERGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SXC	999
SXC	OPTN	SunCoke Energy, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	SXC	999
SXI	EQUI	STANDEX INTL CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SXI	999
SXI	OPTN	STANDEX INTERNATIONAL CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	SXI	999
SXT	EQUI	SENSIENT TECHNOLOGIES CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SXT	999
SXT	OPTN	SENSIENT TECHNOLOGIES CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	SXT	999
SY	EQUI	SO YOUNG INTERNATIONAL INCSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	SY	999
SY	OPTN	SO-YOUNG INTERNATIONAL, INC. SPONSORED ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	SY	999
SYBT	EQUI	STOCK YDS BANCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SYBT	999
SYBT	OPTN	STOCK YARDS BANCORP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SYBT	999
SYF	EQUI	SYNCHRONY FINLCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SYF	999
SYF	OPTN	Synchrony Financial	Yes	Yes	25.00	37.50	100	1.00	No	No	SYF	999
2SYF	OPTN	Synchrony Financial (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SYF	999
SYK	EQUI	STRYKER CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SYK	999
SYK	OPTN	STRYKER CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	SYK	999
2SYK	OPTN	STRYKER CORP (Euro Flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	SYK	999
SYLD	EQUI	CAMBRIA ETF TRSHSHLD YIELD ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	SYLD	999
SYLD	OPTN	CAMBRIA SHAREHOLDER YIELD ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	SYLD	999
SYM	EQUI	Symbolic Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SYM	999
SYM	OPTN	SYMBOTIC INC	Yes	Yes	25.00	37.50	100	1.00	No	No	SYM	999
SYNA	EQUI	SYNAPTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SYNA	999
SYNA	OPTN	SYNAPTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SYNA	999
2SYNA	OPTN	SYNAPTICS, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SYNA	999
SYPR	EQUI	SYPRIS SOLUTIONS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	SYPR	999
SYPR	OPTN	SYPRIS SOLUTIONS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SYPR	999
SYRE	EQUI	Spyre Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	SYRE	999
SYRE	OPTN	SPYRE THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SYRE	999
1SYRE	OPTN	SPYRE THERAPEUTICS, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SYRE	999
SYRS	OPTN	SYROS PHARMACEUTICALS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	SYRS	999
SYX	EQUI	SYSCO CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	SYX	999
SYX	OPTN	SYSCO CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	SYX	999
2SYX	OPTN	SYSCO CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	SYX	999
T	EQUI	AT&T INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	T	999
T	OPTN	AT & T Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	T	999
2T	OPTN	AT & T Inc (Euro Flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	T	999
TAC	EQUI	TRANSALTA CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TAC	999
TAC	OPTN	TRANSALTA CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	TAC	999

RBH/CPM Included Products

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TACOW	WARR	Del Taco Restaurants, Inc (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	TACO	999
TACT	EQUI	TRANSACT TECHNOLOGIES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	TACT	999
TACT	OPTN	TRANSACT TECH INC	Yes	Yes	25.00	37.50	100	1.00	No	No	TACT	999
TAGS	EQUI	TEUCRIUM COMMODITY TRAGRICULTURE FD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TAGS	999
TAGS	OPTN	TEUCRIUM AGRICULTURAL FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TAGS	999
TAIL	EQUI	CAMBRIA TAIL RISK	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TAIL	999
TAIL	OPTN	CAMBRIA TAIL RISK	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TAIL	999
TAK	EQUI	Takeda Pharmaceutical Co Ltd	Yes	Yes	0.00	0.00	1	1.00	No	No	TAK	999
TAK	OPTN	TAKEDA PHARMACEUTICAL CO LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	TAK	999
2TAK	OPTN	TAKEDA PHARMACEUTICAL CO LTD (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TAK	999
TAL	EQUI	TAL ED GROUPADS REPSTG COM	Yes	Yes	0.00	0.00	1	1.00	No	No	TAL	999
TAL	OPTN	Tal Education Group	Yes	Yes	25.00	37.50	100	1.00	No	No	TAL	999
TALK	EQUI	Talkspace, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TALK	999
TALK	OPTN	Talkspace, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TALK	999
TALKW	WARR	Talkspace, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	TALK	999
TALO	EQUI	Talos Energy, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TALO	999
TALO	OPTN	Talos Energy, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	TALO	999
TALOWS	WARR	Talos Energy Inc	Yes	Yes	0.25	0.375	1	1.00	No	No	TALO	999
TAN	EQUI	Invesco Solar ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TAN	999
TAN	OPTN	Invesco Solar ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TAN	999
TAP	EQUI	Molson Coors Beverage Company	Yes	Yes	0.00	0.00	1	1.00	No	No	TAP	999
TAP	OPTN	Molson Coors Beverage Company	Yes	Yes	25.00	37.50	100	1.00	No	No	TAP	999
2TAP	OPTN	Molson Coors Beverage Company (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TAP	999
TARA	EQUI	Protara Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TARA	999
TARA	OPTN	PROTARA THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TARA	999
TARK	EQUI	Investment Mngrs Series Trust II Tradr 2X Long ETF	Yes	Yes	0.00	0.00	1	2.00	Yes	No	TARK	999
TARK	OPTN	Investment Mngrs Series Trust II Tradr 2X Long ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	TARK	999
TARS	EQUI	TARSUS PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TARS	999
TARS	OPTN	TARSUS PHARMACEUTICALS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TARS	999
TASK	EQUI	TASKUS INCCLASS A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	TASK	999
TASK	OPTN	TASKUS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TASK	999
TBBB	EQUI	BBB FOODS INCCL A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	TBBB	999
TBBB	OPTN	BBB FOODS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	TBBB	999
TBBK	EQUI	BANCORP INC DELCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TBBK	999
TBBK	OPTN	Bancorp Inc/DE	Yes	Yes	25.00	37.50	100	1.00	No	No	TBBK	999
TBCH	EQUI	TURTLE BEACH CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	TBCH	999
TBCH	OPTN	Turtle Beach Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	TBCH	999
TBI	EQUI	TRUEBLUE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TBI	999
TBI	OPTN	TrueBlue, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TBI	999
TBLA	EQUI	Taboola.com Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	TBLA	999
TBLA	OPTN	Taboola.com Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	TBLA	999
TBLAW	WARR	Taboola.com Ltd. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	TBLA	999
TBLU	EQUI	Tortoise Global Water ESG Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TBLU	999
TBLU	OPTN	Tortoise Global Water ESG Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TBLU	999
HOPE1	OPTN	Territorial Bancorp Inc. (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	TBNK	999
TBNK	OPTN	Territorial Bancorp Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TBNK	999
TBPH	EQUI	THERAVANCE BIOPHARMA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TBPH	999
TBPH	OPTN	Theravance Biopharma Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	TBPH	999
TBRG	EQUI	TruBridge, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TBRG	999
TBRG	OPTN	TruBridge, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TBRG	999



RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
TCBI	EQUI	TEXAS CAPITAL BANCSHARES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TCBI	999
TCBI	OPTN	Texas Capital Bancshares, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	TCBI	999
TCBK	EQUI	TRICO BANCSHARES	Yes	Yes	0.00	0.00	1	1.00	No	No	TCBK	999
TCBK	OPTN	TriCo Bancshares	Yes	Yes	25.00	37.50	100	1.00	No	No	TCBK	999
TCHI	EQUI	ISHARES TRMSCI CHINA MLTSE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TCHI	999
TCHI	OPTN	ISHARES MSCI CHINA MULTISECTOR TECH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TCHI	999
TCMD	EQUI	Tactile Systems Technology I	Yes	Yes	0.00	0.00	1	1.00	No	No	TCMD	999
TCMD	OPTN	Tactile Systems Technology I	Yes	Yes	25.00	37.50	100	1.00	No	No	TCMD	999
TCOM	EQUI	Trip.com Group Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	TCOM	999
TCOM	OPTN	Trip.com Group Limited ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	TCOM	999
TCPC	EQUI	BlackRock TCP Capital Corp.	Yes	Yes	0.00	0.00	1	1.00	No	No	TCPC	999
TCPC	OPTN	BlackRock TCP Capital Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	TCPC	999
TCX	EQUI	TUCOWS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	TCX	999
TCX	OPTN	Tucows Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TCX	999
TD	EQUI	TORONTO DOMINION BK ONT	Yes	Yes	0.00	0.00	1	1.00	No	No	TD	999
TD	OPTN	TORONTO DOMINION BANK	Yes	Yes	25.00	37.50	100	1.00	No	No	TD	999
1TD	OPTN	TORONTO DOMINION BANK (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TD	999
TDC	EQUI	TERADATA CORP DELCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TDC	999
TDC	OPTN	Teradata Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	TDC	999
TDG	EQUI	Transdigm Group Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TDG	999
TDG	OPTN	TransDigm Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TDG	999
2TDG	OPTN	TransDigm Group, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TDG	999
TDIV	EQUI	FIRST TR EXCHANGE TRADED FDNASD TECH DIV	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TDIV	999
TDIV	OPTN	First Trust NASDAQ Technology Dividend Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TDIV	999
TDOC	EQUI	Teladoc Health, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TDOC	999
TDOC	OPTN	Teladoc Health, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TDOC	999
TDS	EQUI	TELEPHONE & DATA SYS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TDS	999
TDS	OPTN	TELEPHONE & DATA SYSTEMS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TDS	999
TDSB	EQUI	EXCHANGE LISTED FDS TRCABANA TRGT BETA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TDSB	999
TDSC	EQUI	EXCHANGE LISTED FDS TRCABANA TARGET 10	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TDSC	999
TDSC	OPTN	CABANA TARGET DRAWDOWN 10 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TDSC	999
TDUP	EQUI	THREDUP INCCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	TDUP	999
TDUP	OPTN	THREDUP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	TDUP	999
TDV	EQUI	ProShares S&P Technology Dividend Aristocrats ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TDV	999
TDV	OPTN	PROSHARES S&P TECHNOLOGY DIVIDEND ARISTOCRATS	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TDV	999
TDW	EQUI	Tidewater, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TDW	999
TDW	OPTN	Tidewater, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	TDW	999
TDGMW	WARR	Tidewater, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	TDW	999
TDWWS	WARR	Tidewater Inc (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	TDW	999
TDY	EQUI	TELEDYNE TECHNOLOGIES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	TDY	999
TDY	OPTN	Teledyne Technologies Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	TDY	999
TE	EQUI	T1 Energy Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TE	999
TE	OPTN	T1 Energy Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TE	999
TEWS	WARR	T1 Energy Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	TE	999
TEAM	EQUI	Atlassian Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	TEAM	999
TEAM	OPTN	Atlassian Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	TEAM	999
2TEAM	OPTN	Atlassian Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TEAM	999
TECB	EQUI	ISHARES TRUS TECH BRKTHR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TECB	999
TECB	OPTN	ISHARES U.S. TECH BREAKTHROUGH MULTISECTOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TECB	999
TECH	EQUI	Bio-Techne Corp	Yes	Yes	0.00	0.00	1	1.00	No	No	TECH	999

## RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
TECH	OPTN	Bio-Techne Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	TECH	999
TECK	EQUI	Teck Resources LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	TECK	999
TECK	OPTN	Teck Resources Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	TECK	999
TEF	EQUI	TELEFONICA S A	Yes	Yes	0.00	0.00	1	1.00	No	No	TEF	999
TEF	OPTN	TELEFONICA S.A. ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	TEF	999
TEL	EQUI	TE Connectivity plc	Yes	Yes	0.00	0.00	1	1.00	No	No	TEL	999
TEL	OPTN	TE Connectivity plc	Yes	Yes	25.00	37.50	100	1.00	No	No	TEL	999
2TEL	OPTN	TE Connectivity plc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TEL	999
TELA	EQUI	TELA BIO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TELA	999
TELA	OPTN	TELA BIO, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TELA	999
2TELA	OPTN	TELA BIO, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TELA	999
TEM	EQUI	TEMPUS AI INCCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	TEM	999
TEM	OPTN	TEMPUS AI, INC. CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	TEM	999
TENB	EQUI	TENABLE HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TENB	999
TENB	OPTN	TENABLE HOLDINGS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	TENB	999
TEO	EQUI	TELECOM ARGENTINA S ASPON ADR REP B	Yes	Yes	0.00	0.00	1	1.00	No	No	TEO	999
TEO	OPTN	Telecom Argentina SA	Yes	Yes	25.00	37.50	100	1.00	No	No	TEO	999
TEO1	OPTN	Telecom Argentina SA (Cash Distribution)	Yes	Yes	25.00	37.50	100	1.00	No	No	TEO	999
TER	EQUI	TERADYNE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TER	999
TER	OPTN	TERADYNE,INC	Yes	Yes	25.00	37.50	100	1.00	No	No	TER	999
TERN	EQUI	TERNS PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TERN	999
TERN	OPTN	TERNS PHARMACEUTICALS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TERN	999
TESL	EQUI	Simplify Volt TSLA Revolution ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TESL	999
TESL	OPTN	Simplify Volt TSLA Revolution ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TESL	999
TEVA	EQUI	TEVA PHARMACEUTICAL INDS LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	TEVA	999
TEVA	OPTN	TEVA PHARM. IND. INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TEVA	999
1TEVA	OPTN	TEVA PHARM. IND. INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TEVA	999
TEX	EQUI	TEREX CORP NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	TEX	999
TEX	OPTN	TEREX CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	TEX	999
2TEX	OPTN	TEREX CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TEX	999
TFC	EQUI	Truist Financial Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	TFC	999
TFC	OPTN	Truist Financial Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	TFC	999
1TFC	OPTN	Truist Financial Corporation (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TFC	999
2TFC	OPTN	Truist Financial Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TFC	999
TFII	EQUI	TFI INTL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TFII	999
TFII	OPTN	TFI INTERNATIONAL INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TFII	999
TFIN	EQUI	Triumph Financial, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TFIN	999
TFIN	OPTN	Triumph Financial, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TFIN	999
TFPM	EQUI	TRIPLE FLAG PRECIOUS METALCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TFPM	999
TFPM	OPTN	TRIPLE FLAG PRECIOUS METALS CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	TFPM	999
TFPM1	OPTN	MAVERIX METALS INC(election merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	TFPM	999
TFSL	EQUI	TFS FINL CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TFSL	999
TFSL	OPTN	TFS Financial Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	TFSL	999
TFX	EQUI	TELEFLEX INC	Yes	Yes	0.00	0.00	1	1.00	No	No	TFX	999
TFX	OPTN	TELEFLEX INC	Yes	Yes	25.00	37.50	100	1.00	No	No	TFX	999
TG	EQUI	TREDEGAR CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TG	999
TG	OPTN	Tredeggar Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	TG	999
TGB	EQUI	TASEKO MINES LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TGB	999
TGB	OPTN	Taseko Mines Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	TGB	999
TGI	EQUI	TRIUMPH GROUP INC NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TGI	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
TGI	OPTN	Triumph Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TGI	999
TGLS	EQUI	TECNOGLASS INCSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	TGLS	999
TGLS	OPTN	TECNOGLASS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TGLS	999
TGNA	EQUI	TEGNA Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TGNA	999
TGNA	OPTN	TEGNA Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TGNA	999
TGS	EQUI	Transportadora de Gas del Sur SA	Yes	Yes	0.00	0.00	1	1.00	No	No	TGS	999
TGS	OPTN	Transportadora de Gas del Sur SA	Yes	Yes	25.00	37.50	100	1.00	No	No	TGS	999
TGT	EQUI	TARGET CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TGT	999
TGT	OPTN	TARGET CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	TGT	999
2TGT	OPTN	TARGET CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TGT	999
TGTX	EQUI	TG THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TGTX	999
TGTX	OPTN	TG Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TGTX	999
2TGTX	OPTN	TG Therapeutics, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TGTX	999
TH	EQUI	TARGET HOSPITALITY CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TH	999
TH	OPTN	TARGET HOSPITALITY CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	TH	999
THWWW	WARR	TARGET HOSPITALITY CORP.(Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	TH	999
THC	EQUI	TENET HEALTHCARE	Yes	Yes	0.00	0.00	1	1.00	No	No	THC	999
THC	OPTN	TENET HEALTHCARE CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	THC	999
1THC	OPTN	TENET HEALTHCARE CORP (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	THC	999
2THC	OPTN	TENET HEALTHCARE CORP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	THC	999
THCH	EQUI	TH International Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	THCH	999
THCH	OPTN	TH International Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	THCH	999
THCH1	OPTN	TH International Limited (1:5 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	THCH	999
THCX	EQUI	AXS Cannabis ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	THCX	999
THD	EQUI	iShares MSCI Thailand ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	THD	999
THD	OPTN	iShares MSCI Thailand ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	THD	999
THFF	EQUI	First Financial Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	THFF	999
THFF	OPTN	First Financial Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	THFF	999
THG	EQUI	Hanover Insurance Group Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	THG	999
THG	OPTN	HANOVER INSURANCE GROUP INC (THE)	Yes	Yes	25.00	37.50	100	1.00	No	No	THG	999
THLV	EQUI	THOR Equal Weight Low Volatility ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	THLV	999
THLV	OPTN	THOR Equal Weight Low Volatility ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	THLV	999
THNQ	EQUI	EXCHANGE TRADED CONCEPTS TRROBO GLB ARTIF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	THNQ	999
THNQ	OPTN	ROBO GLOBAL ARTIFICIAL INTELLIGENCE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	THNQ	999
THO	EQUI	THOR INDS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	THO	999
THO	OPTN	THOR INDUSTRIES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	THO	999
THR	EQUI	THERMON GROUP HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	THR	999
THR	OPTN	Thermon Group Holdings Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	THR	999
THRD	EQUI	THIRD HARMONIC BIO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	THRD	999
THRD	OPTN	THIRD HARMONIC BIO, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	THRD	999
THRM	EQUI	Gentherm Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	THRM	999
THRM	OPTN	Gentherm Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	THRM	999
THRO	EQUI	BLACKROCK ETF TRUSTISHARES US THEMA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	THRO	999
THRO	OPTN	ISHARES U.S. THEMATIC ROTATION ACTIVE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	THRO	999
THRY	EQUI	THRYV HLDGS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	THRY	999
THRY	OPTN	THRYV HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	THRY	999
THS	EQUI	TREEHOUSE FOODS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	THS	999
THS	OPTN	TREEHOUSE FOODS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	THS	999
THTX	EQUI	THERATECHNOLOGIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	THTX	999
THTX	OPTN	THERATECHNOLOGIES INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	THTX	999

## RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
TIGO	EQUI	MILLICOM INTL CELLULAR S ACOM STK	Yes	Yes	0.00	0.00	1	1.00	No	No	TIGO	999
TIGO	OPTN	MILLICOM INTERNATIONAL CELLULAR SA	Yes	Yes	25.00	37.50	100	1.00	No	No	TIGO	999
TIGR	EQUI	UP FINTECH HLDG LTDSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	TIGR	999
TIGR	OPTN	UP FINTECH HOLDINGS LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	TIGR	999
TILE	EQUI	INTERFACE INC	Yes	Yes	0.00	0.00	1	1.00	No	No	TILE	999
TILE	OPTN	Interface, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TILE	999
TILL	EQUI	LISTED FD TRTEUCURIUM AGRI ST	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TILL	999
TILL	OPTN	TEUCURIUM AGRICULTURAL STRATEGY NO K-1 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TILL	999
TILT	EQUI	FLEXSHARES TRMORNSTAR USMKT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TILT	999
TIMB	EQUI	TIM S.A.	Yes	Yes	0.00	0.00	1	1.00	No	No	TIMB	999
TIMB	OPTN	TIM S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	TIMB	999
TIME	EQUI	Clockwise Core Equity & Innovation ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TIME	999
TIME	OPTN	Clockwise Core Equity & Innovation ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TIME	999
TINT	EQUI	PROSHARES TRSMART MATLS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TINT	999
TINT	OPTN	PROSHARES SMART MATERIALS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TINT	999
TINY	EQUI	PROSHARES TRNANOTECH ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TINY	999
TINY	OPTN	PROSHARES NANOTECHNOLOGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TINY	999
TIOG	EQUI	TINGO GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TIOG	999
TIOG	OPTN	Tingo Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TIOG	999
TIPT	EQUI	TIPTREE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TIPT	999
TIPT	OPTN	TIPTREE INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TIPT	999
TITN	EQUI	TITAN MACHY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TITN	999
TITN	OPTN	Titan Machinery, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TITN	999
TIXT	EQUI	TELUS INTL CDA INCSUB VTG SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	TIXT	999
TIXT	OPTN	TELUS INTERNATIONAL CDA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TIXT	999
TJX	EQUI	TJX COS INC NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	TJX	999
TJX	OPTN	TJX COMPANIES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TJX	999
2TJX	OPTN	TJX COMPANIES, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TJX	999
TK	EQUI	Teekay Corporation Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	TK	999
TK	OPTN	Teekay Corporation Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	TK	999
TKC	EQUI	TURKCELL ILETISIM HIZMETLERISPON ADR NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	TKC	999
TKC	OPTN	Turkcell Iletisim Hizmetleri AS-ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	TKC	999
TKO	EQUI	TKO Group Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TKO	999
TKO	OPTN	TKO Group Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TKO	999
TKR	EQUI	TIMKEN CO	Yes	Yes	0.00	0.00	1	1.00	No	No	TKR	999
TKR	OPTN	TIMKEN COMPANY	Yes	Yes	25.00	37.50	100	1.00	No	No	TKR	999
TLN	EQUI	TALEN ENERGY CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TLN	999
TLN	OPTN	TALEN ENERGY CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	TLN	999
TLPH	EQUI	Talpera, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TLPH	999
TLPH	OPTN	Talpera, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TLPH	999
TLRY	EQUI	Tilray Brands, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TLRY	999
TLRY	OPTN	Tilray Brands, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TLRY	999
TLS	EQUI	TELOS CORP MDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TLS	999
TLS	OPTN	TELOS CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	TLS	999
TLSA	EQUI	Tiziana Life Sciences Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	TLSA	999
TLSA	OPTN	Tiziana Life Sciences Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	TLSA	999
TLTM	EQUI	INVESTMENT MANAGERS SER TR ITRADR 2X LONG TL	Yes	Yes	0.00	0.00	1	2.00	Yes	No	TLTM	999
TLTM	OPTN	TRADR 2X LONG TLT MONTHLY ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	TLTM	999
TLTQ	EQUI	INVESTMENT MANAGERS SER TR ITRADR 1.75X LNG	Yes	Yes	0.00	0.00	1	1.75	Yes	No	TLTQ	999
TLYS	EQUI	TILLYS INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	TLYS	999

**RBH/CPM Included Products**

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TLYS	OPTN	Tilly's Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TLYS	999
TM	EQUI	TOYOTA MOTOR CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	TM	999
TM	OPTN	TOYOTA MOTOR CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	TM	999
TMAT	EQUI	NORTHERM LTS IV MAIN THEMATC	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TMAT	999
TMAT	OPTN	NORTHERM LTS IV MAIN THEMATC	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TMAT	999
TMC	EQUI	TMC the metals company Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TMC	999
TMC	OPTN	TMC the metals company Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TMC	999
TMCWW	WARR	TMC the metals company Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	TMC	999
TMCI	EQUI	TREACE MED CONCEPTS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TMCI	999
TMCI	OPTN	TREACE MEDICAL CONCEPTS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TMCI	999
TMDV	EQUI	ProShares Russell US Dividend Growers ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TMDV	999
TMDV	OPTN	PROSHARES RUSSELL US DIVIDEND GROWERS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TMDV	999
TMDX	EQUI	TRANSMEDICS GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TMDX	999
TMDX	OPTN	TRANSMEDICS GROUP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TMDX	999
1TMDX	OPTN	TRANSMEDICS GROUP, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TMDX	999
2TMDX	OPTN	TRANSMEDICS GROUP, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TMDX	999
TME	EQUI	TENCENT MUSIC ENTMT GROUPSPON ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	TME	999
TME	OPTN	TENCENT MUSIC ENTERTAINMENT GROUP	Yes	Yes	25.00	37.50	100	1.00	No	No	TME	999
TMFC	EQUI	MOTLEY FOOL 100 INDEX ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TMFC	999
TMFC	OPTN	MOTLEY FOOL 100 INDEX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TMFC	999
TMHC	EQUI	Taylor Morrison Home Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	TMHC	999
TMHC	OPTN	Taylor Morrison Home Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	TMHC	999
TMO	EQUI	THERMO FISHER SCIENTIFIC INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TMO	999
TMO	OPTN	Thermo Fisher Scientific Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TMO	999
1TMO	OPTN	Thermo Fisher Scientific Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TMO	999
2TMO	OPTN	Thermo Fisher Scientific Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TMO	999
TMP	EQUI	TOMPKINS FINANCIAL CORPORATICOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TMP	999
TMP	OPTN	Tompkins Financial Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	TMP	999
TMQ	EQUI	Trilogy Metals Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TMQ	999
TMQ	OPTN	Trilogy Metals Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TMQ	999
TMUS	EQUI	T-Mobile US, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TMUS	999
TMUS	OPTN	T-Mobile US, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TMUS	999
2TMUS	OPTN	T-Mobile US, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TMUS	999
TNC	EQUI	TENNANT CO	Yes	Yes	0.00	0.00	1	1.00	No	No	TNC	999
TNC	OPTN	Tennant Co	Yes	Yes	25.00	37.50	100	1.00	No	No	TNC	999
TNDM	EQUI	TANDEM DIABETES CARE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TNDM	999
TNDM	OPTN	TANDEM DIABETES CARE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TNDM	999
2TNDM	OPTN	TANDEM DIABETES CARE, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TNDM	999
TNET	EQUI	TRINET GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TNET	999
TNET	OPTN	TriNet Group Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TNET	999
TNGX	EQUI	TANGO THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TNGX	999
TNGX	OPTN	TANGO THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TNGX	999
TNK	EQUI	TEEKAY TANKERS LTDCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	TNK	999
TNK	OPTN	Teekay Tankers Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	TNK	999
TNL	EQUI	Travel + Leisure Co.	Yes	Yes	0.00	0.00	1	1.00	No	No	TNL	999
TNL	OPTN	Travel + Leisure Co.	Yes	Yes	25.00	37.50	100	1.00	No	No	TNL	999
TEN	EQUI	TSAKOS ENERGY NAVIGATION LTDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	TNP	999
TEN	OPTN	Tsakos Energy Navigation Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	TNP	999
TNYA	EQUI	TENAYA THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TNYA	999
TNYA	OPTN	TENAYA THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TNYA	999

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TOK	EQUI	ISHARES TRMSCI KOKUSAI ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TOK	999
TOKE	EQUI	CAMBRIA CANNABIS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TOKE	999
TOKE	OPTN	CAMBRIA CANNABIS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TOKE	999
TOL	EQUI	TOLL BROTHERS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	TOL	999
TOL	OPTN	TOLL BROTHERS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	TOL	999
2TOL	OPTN	TOLL BROTHERS INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TOL	999
TOLZ	EQUI	PROSHARES TRDJ BRKFLD GLB	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TOLZ	999
TOLZ	OPTN	PROSHARES DJ BROOKFIELD GLOBAL INFRASTRUCTURE	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TOLZ	999
TOON	EQUI	Kartoon Studios, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TOON	999
TOON	OPTN	Kartoon Studios, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TOON	999
TOPT	EQUI	ISHARES TRTOP 20 U S STOCK	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TOPT	999
TOPT	OPTN	ISHARES TOP 20 U.S. STOCKS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TOPT	999
TORO	EQUI	TORO CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TORO	999
TORO	OPTN	TORO CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	TORO	999
TOST	EQUI	TOAST INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	TOST	999
TOST	OPTN	TOAST, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	TOST	999
2TOST	OPTN	TOAST, INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TOST	999
TOTL	EQUI	SSGA ACTIVE ETF TRSPDR TR TACTIC	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TOTL	999
TOTL	OPTN	SPDR DOUBLELINE TOTAL RETURN TACTICAL ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TOTL	999
TOUR	EQUI	TUNIU CORPSPONSORED ADS CL	Yes	Yes	0.00	0.00	1	1.00	No	No	TOUR	999
TOUR	OPTN	Tuniu Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	TOUR	999
TOWN	EQUI	Towne Bank	Yes	Yes	0.00	0.00	1	1.00	No	No	TOWN	999
TOWN	OPTN	Towne Bank	Yes	Yes	25.00	37.50	100	1.00	No	No	TOWN	999
TPB	EQUI	TURNING PT BRANDS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TPB	999
TPB	OPTN	Turning Piont Brands Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	TPB	999
TPC	EQUI	Tutor Perini Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	TPC	999
TPC	OPTN	Tutor Perini Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	TPC	999
TPG	EQUI	TPG INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	TPG	999
TPG	OPTN	TPG INC	Yes	Yes	25.00	37.50	100	1.00	No	No	TPG	999
TPH	EQUI	Tri Pointe Homes, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TPH	999
TPH	OPTN	Tri Pointe Homes, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TPH	999
TPIC	EQUI	TPI COMPOSITES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TPIC	999
TPIC	OPTN	TPI Composites Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	TPIC	999
TPL	EQUI	TEXAS PACIFIC LAND CORPORATICOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TPL	999
TPL	OPTN	TEXAS PACIFIC LAND CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	TPL	999
TPR	EQUI	Tapestry, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TPR	999
TPR	OPTN	Tapestry, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TPR	999
2TPR	OPTN	Tapestry, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TPR	999
TPST	EQUI	TEMPEST THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TPST	999
TPST	OPTN	TEMPEST THERAPEUTICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	TPST	999
TPVG	EQUI	TRIPLEPOINT VENTURE GROWTH BCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TPVG	999
TPVG	OPTN	Triplepoint Venture Growth B	Yes	Yes	25.00	37.50	100	1.00	No	No	TPVG	999
SGI	EQUI	Somnigroup International Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TPX	999
SGI	OPTN	Somnigroup International Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TPX	999
TPYP	EQUI	MANAGED PORTFOLIO SERIESTORTOISE NRAM PI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TPYP	999
TPYP	OPTN	TORTOISE NORTH AMERICAN PIPE	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TPYP	999
TR	EQUI	TOOTSIE ROLL INDS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TR	999
TR	OPTN	Tootsie Roll Industries Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	TR	999
TR1	OPTN	Tootsie Roll Industries Inc (3% Stock Dividend)	Yes	Yes	25.75	38.625	103	1.00	No	No	TR	999
TRAK	EQUI	ReposiTrak, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TRAK	999

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TRAK	OPTN	ReposiTrak, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TRAK	999
TRC	EQUI	TEJON RANCH COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TRC	999
TRC	OPTN	Tejon Ranch Co	Yes	Yes	25.00	37.50	100	1.00	No	No	TRC	999
TRDA	EQUI	ENTRADA THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TRDA	999
TRDA	OPTN	ENTRADA THERAPEUTICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	TRDA	999
TREE	EQUI	Lending Tree Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	TREE	999
TREE	OPTN	LendingTree, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TREE	999
TREX	EQUI	TREX INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TREX	999
TREX	OPTN	TREX CO., INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TREX	999
TRFK	EQUI	PACER FDS TRDATA & DIGI REVO	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TRFK	999
TRFK	OPTN	PACER DATA AND DIGITAL REVOLUTION ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TRFK	999
TRGP	EQUI	TARGA RES CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TRGP	999
TRGP	OPTN	Targa Resources Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	TRGP	999
1TRGP	OPTN	Targa Resources Corp. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TRGP	999
2TRGP	OPTN	Targa Resources Corp. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TRGP	999
TRI	EQUI	THOMSON REUTERS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TRI	999
TRI	OPTN	Thomson Reuters Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	TRI	999
TRIB	EQUI	TRINITY BIOTECH PLCSPON ADR NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	TRIB	999
TRIB	OPTN	Trinity Biotech PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	TRIB	999
TRIN	EQUI	TRINITY CAP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TRIN	999
TRIN	OPTN	TRINITY CAPITAL, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TRIN	999
TRIP	EQUI	TRIPADVISOR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TRIP	999
TRIP	OPTN	TripAdvisor Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TRIP	999
TRMB	EQUI	Trimble Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TRMB	999
TRMB	OPTN	Trimble Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TRMB	999
TRMD	EQUI	TORM PLC	Yes	Yes	0.00	0.00	1	1.00	No	No	TRMD	999
TRMD	OPTN	TORM PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	TRMD	999
TRMK	EQUI	TRUSTMARK CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TRMK	999
TRMK	OPTN	Trustmark Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	TRMK	999
TRML	EQUI	TOURMALINE BIO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TRML	999
TRML	OPTN	TOURMALINE BIO, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TRML	999
TRN	EQUI	TRINITY INDS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	TRN	999
TRN	OPTN	TRINITY INDUSTRIES INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TRN	999
TRNO	EQUI	TERRENO RLTY CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TRNO	999
TRNO	OPTN	Terreno Realty Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	TRNO	999
TRNS	EQUI	TRANSCAT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TRNS	999
TRNS	OPTN	TRANSCAT INC	Yes	Yes	25.00	37.50	100	1.00	No	No	TRNS	999
TROO	EQUI	TROOPS, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TROO	999
TROO	OPTN	TROOPS, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TROO	999
TROW	EQUI	PRICE T ROWE GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TROW	999
TROW	OPTN	T. ROWE PRICE GROUP INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TROW	999
2TROW	OPTN	T. ROWE PRICE GROUP INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TROW	999
TROX	EQUI	Tronox Holdings plc	Yes	Yes	0.00	0.00	1	1.00	No	No	TROX	999
TROX	OPTN	Tronox Holdings plc	Yes	Yes	25.00	37.50	100	1.00	No	No	TROX	999
TRP	EQUI	TC Energy Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	TRP	999
TRP	OPTN	TC Energy Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	TRP	999
TRP1	OPTN	TC Energy Corporation (Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	TRP	999
TRS	EQUI	TRIMAS CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	TRS	999
TRS	OPTN	Trimas Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	TRS	999
TRST	EQUI	TRUSTCO BK CORP NY	Yes	Yes	0.00	0.00	1	1.00	No	No	TRST	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
TRST	OPTN	Trustco Bank Corporation NY	Yes	Yes	25.00	37.50	100	1.00	No	No	TRST	999
TRTX	EQUI	TPG RE FIN TR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TRTX	999
TRTX	OPTN	TPG RE Finance Trust, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	TRTX	999
TRU	EQUI	TRANSUNIONCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TRU	999
TRU	OPTN	TransUnion	Yes	Yes	25.00	37.50	100	1.00	No	No	TRU	999
TRUE	EQUI	TRUECAR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TRUE	999
TRUE	OPTN	TrueCar Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TRUE	999
TRUP	EQUI	TRUPANION INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TRUP	999
TRUP	OPTN	Trupanion, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TRUP	999
TRV	EQUI	The Travelers Companies, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TRV	999
TRV	OPTN	The Travelers Companies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TRV	999
2TRV	OPTN	The Travelers Companies, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TRV	999
TRVG	EQUI	TRIVAGO N VSPON ADS A SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	TRVG	999
TRVG	OPTN	Trivago N.V.	Yes	Yes	25.00	37.50	100	1.00	No	No	TRVG	999
TRVI	EQUI	TREVI THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TRVI	999
TRVI	OPTN	TREVI THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TRVI	999
TRVN	EQUI	TREVENA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TRVN	999
TRVN1	OPTN	Trevena, Inc. (1:25 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	TRVN	999
TRX	EQUI	TRX Gold Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	TRX	999
TRX	OPTN	TRX Gold Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	TRX	999
TS	EQUI	TENARIS S ASPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	TS	999
TS	OPTN	TENARIS SA-ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	TS	999
TSAT	EQUI	Telesat Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	TSAT	999
TSAT	OPTN	Telesat Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	TSAT	999
TSBK	EQUI	TIMBERLAND BANCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TSBK	999
TSBK	OPTN	TIMBERLAND BANCORP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TSBK	999
TSCO	EQUI	TRACTOR SUPPLY COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TSCO	999
TSCO	OPTN	TRACTOR SUPPLY COMPANY	Yes	Yes	25.00	37.50	100	1.00	No	No	TSCO	999
2TSCO	OPTN	TRACTOR SUPPLY COMPANY (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TSCO	999
TSDD	EQUI	GraniteShares ETF Trust 2x Short TSLA Daily ETF	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	TSDD	999
TSDD	OPTN	GraniteShares ETF Trust 2x Short TSLA Daily ETF	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	TSDD	999
TSDD1	OPTN	GraniteShrs ETF Trust 2x Short TSLA DailyETF(5 Sh)	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	TSDD	999
TSE	EQUI	Trinseo PLC	Yes	Yes	0.00	0.00	1	1.00	No	No	TSE	999
TSE	OPTN	Trinseo PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	TSE	999
TSEM	EQUI	TOWER SEMICONDUCTOR LTDSHS NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	TSEM	999
TSEM	OPTN	Tower Semiconductor Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	TSEM	999
TSHA	EQUI	TAYSHA GENE THERAPIES INCCOM SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	TSHA	999
TSHA	OPTN	TAYSHA GENE THERAPIES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TSHA	999
TSL	EQUI	GRANITESHARES 1.25X LONG TSLA DAILY ETF	Yes	Yes	0.00	0.00	1	1.25	Yes	No	TSL	999
TSL	OPTN	GRANITESHARES 1.25X LONG TSLA DAILY ETF	Yes	Yes	25.00	37.50	100	1.25	Yes	No	TSL	999
TSLA	EQUI	Tesla, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TSLA	999
TSLA	OPTN	Tesla, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TSLA	999
1TSLA	OPTN	Tesla, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TSLA	999
2TSLA	OPTN	Tesla, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TSLA	999
TSLL	EQUI	Direxion Shares ETF Daily TSLA Bull 2X	Yes	Yes	0.00	0.00	1	2.00	Yes	No	TSLL	999
TSLL	OPTN	Direxion Shares ETF Daily TSLA Bull 2X	Yes	Yes	25.00	37.50	100	2.00	Yes	No	TSLL	999
2TSLL	OPTN	Direxion Shares ETF Daily TSLA Bull 2X (EURO/FLEX)	Yes	Yes	25.00	37.50	100	2.00	Yes	No	TSLL	999
TSLP	EQUI	KURV YIELD PREMIUM STRATEGY TESLA TSLA ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TSLP	999
TSLP	OPTN	KURV YIELD PREMIUM STRATEGY TESLA TSLA ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TSLP	999
TSLQ	EQUI	Investment Mngr Series Trust II Tradr 2XShort TSLA	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	TSLQ	999



RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
TSLQ	OPTN	Investment Mngr Series Trust II Tradr 2XShort TSLA	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	TSLQ	999
TSLQ1	OPTN	Tradr 2X Short TSLA Daily ETF (1:6 Reverse Split)	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	TSLQ	999
TSLR	EQUI	GraniteShares ETF Trust 2x Long TSLA Daily ETF	Yes	Yes	0.00	0.00	1	2.00	Yes	No	TSLR	999
TSLR	OPTN	GraniteShares ETF Trust 2x Long TSLA Daily ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	TSLR	999
TSLS	EQUI	DIREXDIREXION DAILY TSLA BEAR 1X SHARES	Yes	Yes	0.00	0.00	1	-1.00	Yes	No	TSLS	999
TSLS	OPTN	DIREXDIREXION DAILY TSLA BEAR 1X SHARES	Yes	Yes	25.00	37.50	100	-1.00	Yes	No	TSLS	999
TSLT	EQUI	ETF OPPORTUNITIES TRUSTT REX 2X LONG	Yes	Yes	0.00	0.00	1	2.00	Yes	No	TSLT	999
TSLT	OPTN	ETF OPPORTUNITIES TRUSTT REX 2X LONG	Yes	Yes	25.00	37.50	100	2.00	Yes	No	TSLT	999
TSLW	EQUI	INVESTMENT MANAGERS SER TR ITRADR 1.5X LNG T	Yes	Yes	0.00	0.00	1	1.50	Yes	No	TSLW	999
TSLW	OPTN	TRADR 1.5X LONG TSLA WEEKLY ETF	Yes	Yes	25.00	37.50	100	1.50	Yes	No	TSLW	999
TSLX	EQUI	Sixth Street Specialty Lending, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TSLX	999
TSLX	OPTN	Sixth Street Specialty Lending, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TSLX	999
1TSLX	OPTN	Sixth Street Specialty Lending, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TSLX	999
TSLY	EQUI	TIDAL ETF TR IITSLA OPTION INCM	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TSLY	999
TSLY	OPTN	YIELDMAX TSLA OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TSLY	999
TSLZ	EQUI	ETF OPPORTUNITIES TRUSTT-REX 2X INVERSE	Yes	Yes	0.00	0.00	1	-2.00	Yes	No	TSLZ	999
TSLZ	OPTN	ETF OPPORTUNITIES TRUSTT-REX 2X INVERSE	Yes	Yes	25.00	37.50	100	-2.00	Yes	No	TSLZ	999
TSM	EQUI	TAIWAN SEMICONDUCTOR MFG LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	TSM	999
TSM	OPTN	Taiwan Semiconductor Mfg. Co.	Yes	Yes	25.00	37.50	100	1.00	No	No	TSM	999
1TSM	OPTN	Taiwan Semiconductor Mfg. Co. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TSM	999
2TSM	OPTN	Taiwan Semiconductor Mfg. Co. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TSM	999
TSMU	EQUI	GRANITESHARES ETF TR2X LONG TSM DAIL	Yes	Yes	0.00	0.00	1	2.00	Yes	No	TSMU	999
TSMU	OPTN	GRANITESHARES 2X LONG TSM DAILY ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	TSMU	999
TSMY	EQUI	TIDAL TR IYIELDMAX TSM OPT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TSMY	999
TSMY	OPTN	YIELDMAX TSM OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TSMY	999
TSN	EQUI	TYSON FOODS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	TSN	999
TSN	OPTN	TYSON FOODS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	TSN	999
2TSN	OPTN	TYSON FOODS INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TSN	999
TSPY	EQUI	ETF OPPORTUNITIES TRUSTTAPPALPHA SPY GR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TSPY	999
TSPY	OPTN	TAPPALPHA SPY GROWTH & DAILY INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TSPY	999
TSQ	EQUI	TOWNSQUARE MEDIA INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	TSQ	999
TSQ	OPTN	Townsquare Media, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TSQ	999
TSSI	EQUI	TSS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	TSSI	999
TSSI	OPTN	TSS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	TSSI	999
TSVT	EQUI	2SEVENTY BIO INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	TSVT	999
TSVT	OPTN	2SEVENTY BIO, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TSVT	999
TSW	EQUI	ROUNDHILL ETF TRUSTTSLA WEEKLYPAY E	Yes	Yes	0.00	0.00	1	1.20	Yes	No	TSW	999
TSW	OPTN	ROUNDHILL TSLA WEEKLYPAY ETF	Yes	Yes	25.00	37.50	100	1.20	Yes	No	TSW	999
TT	EQUI	Trane Technologies plc	Yes	Yes	0.00	0.00	1	1.00	No	No	TT	999
TT	OPTN	Trane Technologies plc	Yes	Yes	25.00	37.50	100	1.00	No	No	TT	999
2TT	OPTN	Trane Technologies plc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TT	999
TTAN	EQUI	SERVICETITAN INCSHS CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	TTAN	999
TTAN	OPTN	SERVICETITAN, INC. CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	TTAN	999
TTC	EQUI	TORO CO	Yes	Yes	0.00	0.00	1	1.00	No	No	TTC	999
TTC	OPTN	THE TORO COMPANY	Yes	Yes	25.00	37.50	100	1.00	No	No	TTC	999
2TTC	OPTN	THE TORO COMPANY (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TTC	999
TTD	EQUI	THE TRADE DESK INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	TTD	999
TTD	OPTN	Trade Desk, Inc. Class A	Yes	Yes	25.00	37.50	100	1.00	No	No	TTD	999
2TTD	OPTN	Trade Desk, Inc. Class A (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TTD	999
TTE	EQUI	TotalEnergies SE	Yes	Yes	0.00	0.00	1	1.00	No	No	TTE	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
TTE	OPTN	TotalEnergies SE	Yes	Yes	25.00	37.50	100	1.00	No	No	TTE	999
2TTE	OPTN	TotalEnergies SE (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TTE	999
TTEC	EQUI	TTEC Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TTEC	999
TTEC	OPTN	TTEC Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TTEC	999
TTEK	EQUI	TETRA TECH INC NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	TTEK	999
TTEK	OPTN	TETRA TECH INC	Yes	Yes	25.00	37.50	100	1.00	No	No	TTEK	999
TTGT	EQUI	TECHTARGET INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TTGT	999
TTGT	OPTN	TechTarget, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TTGT	999
TTGT1	OPTN	TechTarget, Inc. (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	TTGT	999
TTI	EQUI	TETRA TECHNOLOGIES INC DEL	Yes	Yes	0.00	0.00	1	1.00	No	No	TTI	999
TTI	OPTN	TETRA Technologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TTI	999
TTMI	EQUI	TTM TECHNOLOGIES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	TTMI	999
TTMI	OPTN	TTM Technologies, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	TTMI	999
TTOO	EQUI	T2 BIOSYSTEMS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TTOO	999
TTOO1	OPTN	T2 Biosystems, Inc. (1:100 Rev Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	TTOO	999
TTSH	EQUI	TILE SHOP HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TTSH	999
TTSH	OPTN	TILE SHOP HOLDINGS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	TTSH	999
TTWO	EQUI	TAKE-TWO INTERACTIVE SOFTWARE	Yes	Yes	0.00	0.00	1	1.00	No	No	TTWO	999
TTWO	OPTN	TAKE-TWO INTERACTIVE	Yes	Yes	25.00	37.50	100	1.00	No	No	TTWO	999
2TTWO	OPTN	TAKE-TWO INTERACTIVE (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TTWO	999
TU	EQUI	TELUS CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	TU	999
TU	OPTN	TELUS CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	TU	999
TUA	EQUI	SIMPLIFY EXCHANGE TRADED FUNSHORT TERM TREA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TUA	999
TUA	OPTN	SIMPLIFY SHORT TERM TREASURY FUTURES STRATEGY	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TUA	999
TUPBQ	EQUI	TUPPERWARE BRANDS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TUPBQ	999
TUPBQ	OPTN	Tupperware Brands Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	TUPBQ	999
TUR	EQUI	iShares MSCI Turkey ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TUR	999
TUR	OPTN	iShares MSCI Turkey ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TUR	999
TURN	EQUI	180 Degree Capital Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	TURN	999
TURN	OPTN	180 Degree Capital Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	TURN	999
TUSK	EQUI	MAMMOTH ENERGY SVCS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TUSK	999
TUSK	OPTN	Mammoth Energy Services Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	TUSK	999
TUYA	EQUI	TUYA INCSPONSERED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	TUYA	999
TUYA	OPTN	TUYA INC	Yes	Yes	25.00	37.50	100	1.00	No	No	TUYA	999
TV	EQUI	GRUPO TELEVISA SA DE CV	Yes	Yes	0.00	0.00	1	1.00	No	No	TV	999
TV	OPTN	GRUPO TELEVISA,S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	TV	999
TVTX	EQUI	Travere Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TVTX	999
TVTX	OPTN	Travere Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TVTX	999
1TVTX	OPTN	Travere Therapeutics, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TVTX	999
TW	EQUI	TRADEWEB MKTS INCCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	TW	999
TW	OPTN	TradeWeb Markets Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	TW	999
TWEB	EQUI	TIDAL ETF TRSOFI WEB 3 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TWEB	999
TWI	EQUI	TITAN INTL INC ILL	Yes	Yes	0.00	0.00	1	1.00	No	No	TWI	999
TWI	OPTN	Titan International, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TWI	999
TWIN	EQUI	TWIN DISC INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TWIN	999
TWIN	OPTN	Twin Disc Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	TWIN	999
TWLO	EQUI	TWILIO INCCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	TWLO	999
TWLO	OPTN	Twilio Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	TWLO	999
2TWLO	OPTN	Twilio Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TWLO	999
TWO	EQUI	TWO HBRS INVT CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TWO	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
TWO	OPTN	Two Harbors Investment Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	TWO	999
1TWO	OPTN	Two Harbors Investment Corporation (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TWO	999
TWST	EQUI	TWIST BIOSCIENCE CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TWST	999
TWST	OPTN	TWIST BIOSCIENCE CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	TWST	999
TX	EQUI	TERNIUM SASPON ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	TX	999
TX	OPTN	TERNIUM S A ADS	Yes	Yes	25.00	37.50	100	1.00	No	No	TX	999
TXG	EQUI	10X GENOMICS INCCL A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	TXG	999
TXG	OPTN	10X GENOMICS, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	TXG	999
TXMD	EQUI	THERAPEUTICSMD INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TXMD	999
TXMD	OPTN	TherapeuticsMD, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TXMD	999
TXN	EQUI	TEXAS INSTRS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	TXN	999
TXN	OPTN	TEXAS INSTRUMENTS	Yes	Yes	25.00	37.50	100	1.00	No	No	TXN	999
2TXN	OPTN	TEXAS INSTRUMENTS (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	TXN	999
TXNM	EQUI	TXNM Energy, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TXNM	999
TXNM	OPTN	TXNM Energy, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TXNM	999
TXO	EQUI	TXO PARTNERS LPCOM UNIT	Yes	Yes	0.00	0.00	1	1.00	No	No	TXO	999
TXO	OPTN	TXO PARTNERS, L.P.	Yes	Yes	25.00	37.50	100	1.00	No	No	TXO	999
TXRH	EQUI	Texas Roadhouse, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	TXRH	999
TXRH	OPTN	Texas Roadhouse, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TXRH	999
TXT	EQUI	TEXTRON INC	Yes	Yes	0.00	0.00	1	1.00	No	No	TXT	999
TXT	OPTN	TEXTRON INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	TXT	999
TYL	EQUI	TYLER TECHNOLOGIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TYL	999
TYL	OPTN	Tyler Technologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	TYL	999
TYLG	EQUI	GLOBAL X FDSINFORMATION TEC	Yes	Yes	0.00	0.00	1	1.00	Yes	No	TYLG	999
TYLG	OPTN	GLOBAL X INFORMATION TECHNOLOGY COVERED CALL	Yes	Yes	25.00	37.50	100	1.00	Yes	No	TYLG	999
TYRA	EQUI	TYRA BIOSCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	TYRA	999
TYRA	OPTN	TYRA BIOSCIENCES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	TYRA	999
TZOO	EQUI	Travelzoo	Yes	Yes	0.00	0.00	1	1.00	No	No	TZOO	999
TZOO	OPTN	Travelzoo	Yes	Yes	25.00	37.50	100	1.00	No	No	TZOO	999
U	EQUI	UNITY SOFTWARE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	U	999
U	OPTN	UNITY SOFTWARE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	U	999
2U	OPTN	UNITY SOFTWARE, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	U	999
UA	EQUI	UNDER ARMOUR INCCL C	Yes	Yes	0.00	0.00	1	1.00	No	No	UA	999
UA	OPTN	Under Armour, Inc Class C	Yes	Yes	25.00	37.50	100	1.00	No	No	UA	999
UAA	EQUI	UNDER ARMOUR INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	UAA	999
UAA	OPTN	Under Armour, Inc. Class A	Yes	Yes	25.00	37.50	100	1.00	No	No	UAA	999
UAL	EQUI	United Airlines Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	UAL	999
UAL	OPTN	United Airlines Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	UAL	999
1UAL	OPTN	United Airlines Holdings, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	UAL	999
2UAL	OPTN	United Airlines Holdings, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	UAL	999
UAMY	EQUI	UNITED STATES ANTIMONY CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UAMY	999
UAMY	OPTN	US Antimony Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	UAMY	999
UAN	EQUI	CVR PARTNERS LPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UAN	999
UAN	OPTN	CVR Partners LP	Yes	Yes	25.00	37.50	100	1.00	No	No	UAN	999
UAVS	EQUI	AGEAGLE AERIAL SYS INC NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UAVS	999
UAVS1	OPTN	AGEAGLE AERIAL SYSTEM INC. (1:50 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	UAVS	999
UBER	EQUI	UBER TECHNOLOGIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UBER	999
UBER	OPTN	UBER TECHNOLOGIES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	UBER	999
1UBER	OPTN	UBER TECHNOLOGIES INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	UBER	999
2UBER	OPTN	UBER TECHNOLOGIES INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	UBER	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
UBFO	EQUI	UNITED SEC BANCSHARES CALIFCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UBFO	999
UBFO	OPTN	UNITED SECURITY BANCSHARES	Yes	Yes	25.00	37.50	100	1.00	No	No	UBFO	999
UBOT	EQUI	DIREXION SHS ETF TRDAILY ROBOTICS	Yes	Yes	0.00	0.00	1	2.00	Yes	No	UBOT	999
UBOT	OPTN	DIREXION DAILY ROBOTICS, ARTIFICIAL INTELLIGENCE	Yes	Yes	25.00	37.50	100	2.00	Yes	No	UBOT	999
UBRL	EQUI	GRANITESHARES ETF TR2X LONG UBER	Yes	Yes	0.00	0.00	1	2.00	Yes	No	UBRL	999
UBRL	OPTN	GRANITESHARES 2X LONG UBER DAILY ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	UBRL	999
UBS	EQUI	UBS GROUP AGSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	UBS	999
UBS	OPTN	UBS Group AG	Yes	Yes	25.00	37.50	100	1.00	No	No	UBS	999
2UBS	OPTN	UBS Group AG (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	UBS	999
UBSI	EQUI	UNITED BANKSHARES INC WEST VCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UBSI	999
UBSI	OPTN	UNITED BANKSHARES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	UBSI	999
UBX	EQUI	UNITY BIOTECHNOLOGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UBX	999
UBX	OPTN	UNITY BIOTECHNOLOGY INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	UBX	999
UCAR	EQUI	U POWER LTDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	UCAR	999
UCAR1	OPTN	U POWER LIMITED (1:100 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	UCAR	999
UCB	EQUI	UNITED CMNTY BKS BLAIRSVLE GCAP STK	Yes	Yes	0.00	0.00	1	1.00	No	No	UCB	999
UCB	OPTN	United Community Banks, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	UCB	999
UCTT	EQUI	ULTRA CLEAN HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UCTT	999
UCTT	OPTN	Ultra Clean Holdings	Yes	Yes	25.00	37.50	100	1.00	No	No	UCTT	999
UCYB	EQUI	PROSHARES TRULTRA CYBRSCURTY	Yes	Yes	0.00	0.00	1	2.00	Yes	No	UCYB	999
UCYB	OPTN	PROSHARES ULTRA NASDAQ CYBERSECURITY ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	UCYB	999
UDMY	EQUI	UDEMY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UDMY	999
UDMY	OPTN	UDEMY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	UDMY	999
UDR	EQUI	UDR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UDR	999
UDR	OPTN	UDR, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	UDR	999
UE	EQUI	URBAN EDGE PPTYSCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UE	999
UE	OPTN	Urban Edge Properties	Yes	Yes	25.00	37.50	100	1.00	No	No	UE	999
UEC	EQUI	URANIUM ENERGY CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UEC	999
UEC	OPTN	Uranium Energy Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	UEC	999
UEIC	EQUI	UNIVERSAL ELECTRONICS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	UEIC	999
UEIC	OPTN	Universal Electronics Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	UEIC	999
UFCS	EQUI	UNITED FIRE GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UFCS	999
UFCS	OPTN	United Fire Group, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	UFCS	999
UFI	EQUI	UNIFI INC	Yes	Yes	0.00	0.00	1	1.00	No	No	UFI	999
UFI	OPTN	Unifi Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	UFI	999
UFO	EQUI	PROCURE ETF TRUST IISPACE ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	UFO	999
UFO	OPTN	PROCURE SPACE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	UFO	999
UFPI	EQUI	UFP Industries, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	UFPI	999
UFPI	OPTN	UFP Industries, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	UFPI	999
UFPT	EQUI	UFP TECHNOLOGIES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	UFPT	999
UFPT	OPTN	UFP TECHNOLOGIES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	UFPT	999
UGA	EQUI	UNITED STS GASOLINE FD LPUNITS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	UGA	999
UGA	OPTN	United States Gasoline Fund, LP	Yes	Yes	25.00	37.50	100	1.00	Yes	No	UGA	999
UGI	EQUI	UGI CORP NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UGI	999
UGI	OPTN	UGI CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	UGI	999
2UGI	OPTN	UGI CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	UGI	999
UGP	EQUI	ULTRAPAR PARTICIPACOES S ASP ADR REP PFD	Yes	Yes	0.00	0.00	1	1.00	No	No	UGP	999
UGP	OPTN	Ultrapar Participacoes SA	Yes	Yes	25.00	37.50	100	1.00	No	No	UGP	999
UGRO	EQUI	URBAN-GRO INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	UGRO	999
UGRO	OPTN	URBAN-GRO INC	Yes	Yes	25.00	37.50	100	1.00	No	No	UGRO	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
UHAL	EQUI	AMERCOCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UHAL	999
UHAL	OPTN	AMERCO	Yes	Yes	25.00	37.50	100	1.00	No	No	UHAL	999
UHALB	EQUI	AMERCO Series N Non-Voting	Yes	Yes	0.00	0.00	1	1.00	No	No	UHALB	999
UHALB	OPTN	U-HAUL HOLDING COMPANY SERIES N NON-VOTING	Yes	Yes	25.00	37.50	100	1.00	No	No	UHALB	999
UHS	EQUI	UNIVERSAL HLTH SVCS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	UHS	999
UHS	OPTN	UNIVERSAL HEALTH SERVICES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	UHS	999
1UHS	OPTN	UNIVERSAL HEALTH SERVICES INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	UHS	999
UHT	EQUI	UNIVERSAL HEALTH RLTY INCM T	Yes	Yes	0.00	0.00	1	1.00	No	No	UHT	999
UHT	OPTN	Universal Health Realty Income Trust	Yes	Yes	25.00	37.50	100	1.00	No	No	UHT	999
UIS	EQUI	UNISYS CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UIS	999
UIS	OPTN	UNISYS CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	UIS	999
UL	EQUI	UNILEVER PLCSPON ADR NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	UL	999
UL	OPTN	Unilever PLC (ADS)	Yes	Yes	25.00	37.50	100	1.00	No	No	UL	999
2UL	OPTN	Unilever PLC (ADS) (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	UL	999
ULBI	EQUI	ULTRALIFE CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ULBI	999
ULBI	OPTN	Ultralife Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	ULBI	999
ULCC	EQUI	FRONTIER GROUP HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ULCC	999
ULCC	OPTN	FRONTIER GROUP HOLDINGS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ULCC	999
ULS	EQUI	UL SOLUTIONS INCCLASS A COM SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	ULS	999
ULS	OPTN	UL SOLUTIONS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ULS	999
ULST	EQUI	SSGA ACTIVE ETF TRULT SHT TRM BD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ULST	999
ULTA	EQUI	Ulta Beauty, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ULTA	999
ULTA	OPTN	Ulta Beauty, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ULTA	999
2ULTA	OPTN	Ulta Beauty, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ULTA	999
ULTY	EQUI	TIDAL TR IYIELDMAX ULTRA O	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ULTY	999
ULTY	OPTN	YIELDMAX ULTRA OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ULTY	999
UMAC	EQUI	UNUSUAL MACHS INCCOM SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	UMAC	999
UMAC	OPTN	UNUSUAL MACHINES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	UMAC	999
UMBF	EQUI	UMB FINL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	UMBF	999
UMBF	OPTN	UMB Financial Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	UMBF	999
UMBF1	OPTN	Heartland Financial USA, Inc. (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	UMBF	999
UMC	EQUI	UNITED MICROELECTRONICS CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	UMC	999
UMC	OPTN	United Microelectronics Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	UMC	999
UMH	EQUI	UMH Properties, Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	UMH	999
UMH	OPTN	UMH Properties, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	UMH	999
UNF	EQUI	UNIFIRST CORP MASSCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UNF	999
UNF	OPTN	Unifirst Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	UNF	999
UNFI	EQUI	UNITED NAT FOODS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	UNFI	999
UNFI	OPTN	UNITED NATURAL FOODS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	UNFI	999
1UNFI	OPTN	UNITED NATURAL FOODS, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	UNFI	999
UNH	EQUI	UNITEDHEALTH GROUP INC.	Yes	Yes	0.00	0.00	1	1.00	No	No	UNH	999
UNH	OPTN	UNITEDHEALTH GROUP INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	UNH	999
2UNH	OPTN	UNITEDHEALTH GROUP INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	UNH	999
UNIT	EQUI	Uniti Group Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	UNIT	999
UNIT	OPTN	Uniti Group Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	UNIT	999
UNL	EQUI	UNITED STS 12 MONTH NAT GASUNIT BEN INT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	UNL	999
UNL	OPTN	United States 12 Month Natural Gas Fund LP ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	UNL	999
UNM	EQUI	UNUM GROUPECOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UNM	999
UNM	OPTN	Unum Group	Yes	Yes	25.00	37.50	100	1.00	No	No	UNM	999
UNP	EQUI	UNION PAC CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	UNP	999

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UNP	OPTN	UNION PACIFIC	Yes	Yes	25.00	37.50	100	1.00	No	No	UNP	999
2UNP	OPTN	UNION PACIFIC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	UNP	999
UNTY	EQUI	UNITY BANCORP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UNTY	999
UNTY	OPTN	UNITY BANCORP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	UNTY	999
UONE	EQUI	URBAN ONE INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	UONE	999
UONE	OPTN	URBAN ONE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	UONE	999
UONEK	EQUI	Urban One, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	UONEK	999
UONEK	OPTN	URBAN ONE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	UONEK	999
UP	EQUI	Wheels Up Experience Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	UP	999
UP	OPTN	Wheels Up Experience Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	UP	999
WSUPW	WARR	Wheels Up Experience Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	UP	999
UPAR	EQUI	TIDAL ETF TRUPAR ULTRA RISK	Yes	Yes	0.00	0.00	1	1.00	Yes	No	UPAR	999
UPAR	OPTN	UPAR ULTRA RISK PARITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	UPAR	999
UPBD	EQUI	Upbound Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	UPBD	999
UPBD	OPTN	Upbound Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	UPBD	999
UPGR	EQUI	DBX ETF TRXTRACKERS US	Yes	Yes	0.00	0.00	1	1.00	Yes	No	UPGR	999
UPGR	OPTN	XTRACKERS US GREEN INFRASTRUCT SELECT EQUITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	UPGR	999
UPHLW	WARR	UpHealth, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	UPHL	999
UPLD	EQUI	UPLAND SOFTWARE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UPLD	999
UPLD	OPTN	UPLAND SOFTWARE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	UPLD	999
UPS	EQUI	UNITED PARCEL SERVICE INC	Yes	Yes	0.00	0.00	1	1.00	No	No	UPS	999
UPS	OPTN	UNITED PARCEL SERVICES	Yes	Yes	25.00	37.50	100	1.00	No	No	UPS	999
2UPS	OPTN	UNITED PARCEL SERVICES (Euro Flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	UPS	999
UPST	EQUI	UPSTART HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UPST	999
UPST	OPTN	UPSTART HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	UPST	999
1UPST	OPTN	UPSTART HOLDINGS, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	UPST	999
2UPST	OPTN	UPSTART HOLDINGS, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	UPST	999
UPWK	EQUI	UPWORK INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UPWK	999
UPWK	OPTN	UPWORK INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	UPWK	999
UPXI	EQUI	UPEXI INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UPXI	999
UPXI1	OPTN	UPEXI, INC. (1:20 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	UPXI	999
URA	EQUI	GLOBAL X FDSGLB X URANIUM	Yes	Yes	0.00	0.00	1	1.00	Yes	No	URA	999
URA	OPTN	Global X Uranium ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	URA	999
URAX	EQUI	TIDAL TR IIDEFIANCE DAILY T	Yes	Yes	0.00	0.00	1	2.00	Yes	No	URAX	999
URAX	OPTN	DEFIANCE DAILY TARGET 2X LONG URANIUM ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	URAX	999
URBN	EQUI	URBAN OUTFITTERS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	URBN	999
URBN	OPTN	URBAN OUTFITTERS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	URBN	999
URGN	EQUI	UROGEN PHARMA LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	URGN	999
URGN	OPTN	Urogen Pharma Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	URGN	999
URI	EQUI	UNITED RENTALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	URI	999
URI	OPTN	UNITED RENTALS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	URI	999
2URI	OPTN	UNITED RENTALS, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	URI	999
URNJ	EQUI	SPROTT FDS TRJUNIOR URANIUM	Yes	Yes	0.00	0.00	1	1.00	Yes	No	URNJ	999
URNJ	OPTN	SPROTT JUNIOR URANIUM MINERS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	URNJ	999
URNM	EQUI	Sprott Uranium Miners ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	URNM	999
URNM	OPTN	Sprott Uranium Miners ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	URNM	999
UROY	EQUI	URANIUM RTY CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UROY	999
UROY	OPTN	URANIUM ROYALTY CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	UROY	999
USAC	EQUI	USA COMPRESSION PARTNERS LPCOMUNIT LTDPAR	Yes	Yes	0.00	0.00	1	1.00	No	No	USAC	999
USAC	OPTN	USA Compression Partners LP	Yes	Yes	25.00	37.50	100	1.00	No	No	USAC	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
USAI	EQUI	PACER FDS TRAMERCN ENRGY IND	Yes	Yes	0.00	0.00	1	1.00	Yes	No	USAI	999
USAI	OPTN	PACER AMERICAN ENERGY INDEPENDENCE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	USAI	999
USAU	EQUI	U S GOLD CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	USAU	999
USAU	OPTN	U.S. GOLD CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	USAU	999
USB	EQUI	US BANCORP DELCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	USB	999
USB	OPTN	U.S. BANCORP	Yes	Yes	25.00	37.50	100	1.00	No	No	USB	999
2USB	OPTN	U.S. BANCORP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	USB	999
USCI	EQUI	UNITED STS COMMODITY INDEX FCOMM IDX FND	Yes	Yes	0.00	0.00	1	1.00	Yes	No	USCI	999
USCI	OPTN	UNITED STATES COMMODITY INDEX FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	USCI	999
USDU	EQUI	WISDOMTREE TRBLMBG US BULL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	USDU	999
USDU	OPTN	WisdomTree Bloomberg U.S. Dollar Bullish Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	USDU	999
USFD	EQUI	US FOODS HLDG CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	USFD	999
USFD	OPTN	US Foods Holding Corp	Yes	Yes	25.00	37.50	100	1.00	No	No	USFD	999
USIO	EQUI	Usio, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	USIO	999
USIO	OPTN	USIO, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	USIO	999
USL	EQUI	UNITED STS 12 MONTH OIL FD LUNIT BEN INT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	USL	999
USL	OPTN	United States 12 Month Oil Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	USL	999
USLM	EQUI	UNITED STS LIME & MINERALS ICOM	Yes	Yes	0.00	0.00	1	1.00	No	No	USLM	999
USLM	OPTN	UNITED STATES LIME & MINERALS, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	USLM	999
USM	EQUI	U.S. CELLULAR	Yes	Yes	0.00	0.00	1	1.00	No	No	USM	999
USM	OPTN	U.S. Cellular Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	USM	999
USMC	EQUI	Principal Exch-Traded Funds Prin U.S. Mega-Cap ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	USMC	999
USMC	OPTN	Principal Exch-Traded Funds Prin U.S. Mega-Cap ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	USMC	999
USMF	EQUI	WisdomTree U.S. Multifactor Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	USMF	999
USMF	OPTN	WISDOMTREE U.S. MULTIFACTOR FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	USMF	999
USML	EQUI	UBS AG LONDON BRANCHCAL LKD 51	Yes	No	0.00		1	2.00	No	Yes	USMV	999
USMV	EQUI	iShares MSCI USA Min Vol Factor ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	USMV	999
USMV	OPTN	iShares MSCI USA Min Vol Factor ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	USMV	999
USNA	EQUI	USANA HEALTH SCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	USNA	999
USNA	OPTN	USANA Health Sciences, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	USNA	999
USOY	EQUI	TIDAL TR IIDEFIANCE OIL ENH	Yes	Yes	0.00	0.00	1	1.00	Yes	No	USOY	999
USOY	OPTN	DEFIANCE OIL ENHANCED OPTIONS INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	USOY	999
USPH	EQUI	U S PHYSICAL THERAPY INC	Yes	Yes	0.00	0.00	1	1.00	No	No	USPH	999
USPH	OPTN	US PHYSICAL THERAPY INC	Yes	Yes	25.00	37.50	100	1.00	No	No	USPH	999
USPX	EQUI	FRANKLIN TEMPLETON ETF TRUS EQUITY INDEX	Yes	Yes	0.00	0.00	1	1.00	Yes	No	USPX	999
USPX	OPTN	FRANKLIN U.S. EQUITY INDEX ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	USPX	999
USRT	EQUI	ISHARES TRCRE U S REIT ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	USRT	999
USRT	OPTN	ISHARES CORE U.S. REIT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	USRT	999
USXF	EQUI	ISHARES TRESG MSCI USA ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	USXF	999
USXF	OPTN	ISHARES ESG ADVANCED MSCI USA ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	USXF	999
UTES	EQUI	ETFIS SER TR IVIRTUS REAVES UT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	UTES	999
UTHR	EQUI	UNITED THERAPEUTICS CORP DEL	Yes	Yes	0.00	0.00	1	1.00	No	No	UTHR	999
UTHR	OPTN	UNITED THERAPEUTICS CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	UTHR	999
UTI	EQUI	UNIVERSAL TECHNICAL INST INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UTI	999
UTI	OPTN	Universal Technical Institute, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	UTI	999
UTL	EQUI	UNITIL CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UTL	999
UTL	OPTN	Unitil Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	UTL	999
UTSL	EQUI	DIREXION SHS ETF TRDLY UTLTIES 3X	Yes	Yes	0.00	0.00	1	3.00	Yes	No	UTSL	999
UTSL	OPTN	DIREXION DAILY UTILITIES BULL 3X SHARES	Yes	Yes	25.00	37.50	100	3.00	Yes	No	UTSL	999
UTZ	EQUI	Utz Brands, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	UTZ	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
UTZ	OPTN	Utz Brands, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	UTZ	999
UUUU	EQUI	ENERGY FUELS INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	UUUU	999
UUUU	OPTN	Energy Fuels, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	UUUU	999
1UUUU	OPTN	Energy Fuels, Inc (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	UUUU	999
UVE	EQUI	UNIVERSAL INS HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	UVE	999
UVE	OPTN	Universal Insurance Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	UVE	999
UVIX	EQUI	2X LONG VIX FUTURES ETF	Yes	Yes	0.00	0.00	1	2.00	Yes	No	UVIX	999
UVIX	OPTN	2X LONG VIX FUTURES ETF	Yes	Yes	25.00	37.50	100	2.00	Yes	No	UVIX	999
UVIX2	OPTN	2X LONG VIX FUTURES ETF (1:10 Rev Split)	Yes	Yes	25.00	37.50	100	2.00	Yes	No	UVIX	999
UVIX3	OPTN	2X LONG VIX FUTURES ETF (1:10 Reverse Split)	Yes	Yes	25.00	37.50	100	2.00	Yes	No	UVIX	999
UVSP	EQUI	Univest Financial Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	UVSP	999
UVSP	OPTN	Univest Financial Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	UVSP	999
UVV	EQUI	UNIVERSAL CORP VA	Yes	Yes	0.00	0.00	1	1.00	No	No	UVV	999
UVV	OPTN	UNIVERSAL CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	UVV	999
UWMC	EQUI	UWM Holdings Corporation Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	UWMC	999
UWMC	OPTN	UWM Holdings Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	UWMC	999
UWMCWS	WARR	UWM Holdings Corporation (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	UWMC	999
UX	EQUI	ROUNDHILL ETF TRUSTURANIUM ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	UX	999
UX	OPTN	ROUNDHILL URANIUM ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	UX	999
V	EQUI	VISA INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	V	999
V	OPTN	Visa Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	V	999
2V	OPTN	Visa Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	V	999
VAC	EQUI	MARRIOTT VACATIONS WRLDWDE CCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VAC	999
VAC	OPTN	Marriott Vacations Worldwide	Yes	Yes	25.00	37.50	100	1.00	No	No	VAC	999
VAL	EQUI	VALARIS LIMITEDCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	VAL	999
VAL	OPTN	VALARIS LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	VAL	999
VALWS	WARR	VALARIS LIMITEDCL A (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	VAL	999
VALE	EQUI	Vale S.A.	Yes	Yes	0.00	0.00	1	1.00	No	No	VALE	999
VALE	OPTN	Vale S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	VALE	999
1VALE	OPTN	Vale S.A. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	VALE	999
2VALE	OPTN	Vale S.A. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	VALE	999
VALQ	EQUI	American Century U.S. Quality Value ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VALQ	999
VALQ	OPTN	American Century U.S. Quality Value ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VALQ	999
VANI	EQUI	Vivani Medical, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	VANI	999
VANI	OPTN	Vivani Medical, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VANI	999
VAW	EQUI	VANGUARD WORLD FDSMATERIALS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VAW	999
VAW	OPTN	Vanguard Materials ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VAW	999
VBK	EQUI	VANGUARD INDEX FDSSML CP GRW ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VBK	999
VBK	OPTN	Vanguard Small-Cap Growth ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VBK	999
VBNK	EQUI	VERSABANK NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VBNK	999
VBNK	OPTN	VERSABANK	Yes	Yes	25.00	37.50	100	1.00	No	No	VBNK	999
VBR	EQUI	VANGUARD INDEX FDSSM CP VAL ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VBR	999
VBR	OPTN	Vanguard Small-Cap Value ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VBR	999
VBTX	EQUI	VERITEX HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VBTX	999
VBTX	OPTN	VERITEX HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	VBTX	999
VC	EQUI	VISTEON CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	VC	999
VC	OPTN	Visteon Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	VC	999
VCEB	EQUI	VANGUARD ESG US CORPORATE BOND	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VCEB	999
VCEB	OPTN	VANGUARD ESG US CORPORATE BOND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VCEB	999
VCEL	EQUI	Vericel Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	VCEL	999



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VCEL	OPTN	Vericel Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	VCEL	999
VCLT	EQUI	VANGUARD LONG TERM CORPORATE BD ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VCLT	999
VCLT	OPTN	Vanguard Long-Term Corporate Bond ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VCLT	999
VCR	EQUI	VANGUARD WORLD FDSCONSUM DIS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VCR	999
VCR	OPTN	Vanguard Consumer Discretionary ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VCR	999
VCRB	EQUI	VANGUARD MALVERN FDSCORE BD ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VCRB	999
VCRB	OPTN	VANGUARD CORE BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VCRB	999
SCHJ	EQUI	SCHWAB STRATEGIC TR1 5YR CORP BD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VCSH	999
VCSH	EQUI	Vanguard Short-Term Corporate Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VCSH	999
SCHJ	OPTN	SCHWAB 1-5 YEAR CORPORATE BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VCSH	999
VCSH	OPTN	VANGUARD SHORT-TERM CORPORATE BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VCSH	999
VCTR	EQUI	VICTORY CAP HLDGS INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	VCTR	999
VCTR	OPTN	VICTORY CAPITAL HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	VCTR	999
VCYT	EQUI	VERACYTE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VCYT	999
VCYT	OPTN	Veracyte, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VCYT	999
VDC	EQUI	VANGUARD CONSUM STAPLES ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VDC	999
VDC	OPTN	Vanguard Consumer Staples ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VDC	999
VECO	EQUI	VEECO INSTRS INC DEL	Yes	Yes	0.00	0.00	1	1.00	No	No	VECO	999
VECO	OPTN	VEECO INSTRUMENTS	Yes	Yes	25.00	37.50	100	1.00	No	No	VECO	999
VEEV	EQUI	VEEVA SYS INCCCL A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	VEEV	999
VEEV	OPTN	Veeva Systems Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	VEEV	999
VEGI	EQUI	iShares MSCI Agriculture Producers ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VEGI	999
VEGI	OPTN	iShares MSCI Agriculture Producers ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VEGI	999
VEGN	EQUI	ETF SER SOLUTIONSUS VEGAN CLIMA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VEGN	999
VEGN	OPTN	US VEGAN CLIMATE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VEGN	999
VEL	EQUI	VELOCITY FINL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VEL	999
VEL	OPTN	VELOCITY FINANCIAL, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	VEL	999
VEON	EQUI	VEON Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	VEON	999
VEON	OPTN	VEON Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	VEON	999
VERA	EQUI	VERA THERAPEUTICS INCCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	VERA	999
VERA	OPTN	VERA THERAPEUTICS INC. CL A	Yes	Yes	25.00	37.50	100	1.00	No	No	VERA	999
1VERA	OPTN	VERA THERAPEUTICS INC. CL A (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	VERA	999
VERI	EQUI	VERITONE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VERI	999
VERI	OPTN	VERITONE, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	VERI	999
VERS	EQUI	PROSHARES TRMETAVERSE ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VERS	999
VERS	OPTN	PROSHARES METAVERSE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VERS	999
VERU	EQUI	Veru Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	VERU	999
VERU	OPTN	Veru Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VERU	999
VERV	EQUI	VERVE THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VERV	999
VERV	OPTN	VERVE THERAPEUTICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	VERV	999
VERX	EQUI	VERTEX INCCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	VERX	999
VERX	OPTN	VERTEX, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	VERX	999
VET	EQUI	VERMILION ENERGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VET	999
VET	OPTN	Vermilion Energy Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VET	999
VEVMQ	EQUI	VICINITY MOTOR CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VEVMQ	999
VEVMQ	OPTN	Vicinity Motor Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	VEVMQ	999
VFC	EQUI	V F CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	VFC	999
VFC	OPTN	VF CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	VFC	999
VFF	EQUI	VILLAGE FARMS INTL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VFF	999
VFF	OPTN	Village Farms International Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	VFF	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
VFH	EQUI	VANGUARD WORLD FDSFINANCIALS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VFH	999
VFH	OPTN	Vanguard Financials ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VFH	999
VFMF	EQUI	VANGUARD U.S. MULTIFACTOR ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VFMF	999
VFMF	OPTN	VANGUARD U.S. MULTIFACTOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VFMF	999
VFMO	EQUI	VANGUARD U.S. MOMENTUM FACTOR ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VFMO	999
VFMO	OPTN	VANGUARD U.S. MOMENTUM FACTOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VFMO	999
VFMV	EQUI	VANGUARD U.S. MINIMUM VOLATILITY ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VFMV	999
VFMV	OPTN	VANGUARD U.S. MINIMUM VOLATILITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VFMV	999
VFQY	EQUI	VANGUARD U.S. QUALITY FACTOR ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VFQY	999
VFQY	OPTN	VANGUARD U.S. QUALITY FACTOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VFQY	999
VFS	EQUI	VINFAST AUTO LTDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	VFS	999
VFS	OPTN	VINFAST AUTO LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	VFS	999
VFSWW	WARR	VINFAST AUTO LTDSHS (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	VFS	999
VFVA	EQUI	Vanguard U.S. Value Factor ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VFVA	999
VFVA	OPTN	VANGUARD U.S. VALUE FACTOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VFVA	999
VG	EQUI	VENTURE GLOBAL INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	VG	999
VG	OPTN	VENTURE GLOBAL, INC. CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	VG	999
1VG	OPTN	VENTURE GLOBAL, INC. CLASS A (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	VG	999
VGZ	EQUI	VISTA GOLD CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	VGZ	999
VGZ	OPTN	Vista Gold Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	VGZ	999
VHT	EQUI	VANGUARD WORLD FDSHEALTH CAR ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VHT	999
VHT	OPTN	Vanguard Health Care ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VHT	999
VIAV	EQUI	Viavi Solutions Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	VIAV	999
VIAV	OPTN	Viavi Solutions Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VIAV	999
VICE	EQUI	ADVISORSHARES TRVICE E T F	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VICE	999
VICE	OPTN	ADVISORSHARES VICE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VICE	999
VICI	EQUI	VICI PROPERTIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VICI	999
VICI	OPTN	VICI Properties Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	VICI	999
2VICI	OPTN	VICI Properties Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	VICI	999
VICR	EQUI	VICOR CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VICR	999
VICR	OPTN	Vicor Corporation.	Yes	Yes	25.00	37.50	100	1.00	No	No	VICR	999
VIG	EQUI	VANGUARD SPECIALIZED PORTFOLDIV APP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VIG	999
VIG	OPTN	Vanguard Dividend Appreciation ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VIG	999
2VIG	OPTN	Vanguard Dividend Appreciation ETF (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VIG	999
VIGI	EQUI	VANGUARD WHITEHALL FDSINTL DVD ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VIGI	999
VIGI	OPTN	VANGUARD INTERNATIONAL DIVIDEND APPRECIATION ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VIGI	999
VIK	EQUI	VIKING HOLDINGS LTDORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	VIK	999
VIK	OPTN	VIKING HOLDINGS LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	VIK	999
1VIK	OPTN	VIKING HOLDINGS LTD (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	VIK	999
VINP	EQUI	VINCI PARTNERS INVTS LTDCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	VINP	999
VINP	OPTN	VINCI PARTNERS INVESTMENTS LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	VINP	999
VIPS	EQUI	VIPSHOP HLDGS LTDSPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	VIPS	999
VIPS	OPTN	Vipshop Holdings Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	VIPS	999
VIR	EQUI	VIR BIOTECHNOLOGY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VIR	999
VIR	OPTN	VIR BIOTECHNOLOGY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	VIR	999
VIRC	EQUI	VIRCO MFG COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VIRC	999
VIRC	OPTN	VIRCO MFG CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	VIRC	999
VIRT	EQUI	VIRTU FINL INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	VIRT	999
VIRT	OPTN	Virtu Financial Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	VIRT	999
VIRX	EQUI	Viracta Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	VIRX	999

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Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
VIRX	OPTN	Viracta Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VIRX	999
VIS	EQUI	VANGUARD WORLD FDSINDUSTRIAL ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VIS	999
VIS	OPTN	Vanguard Industrials ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VIS	999
VIST	EQUI	Vista Energy S.A.B. de C.V.	Yes	Yes	0.00	0.00	1	1.00	No	No	VIST	999
VIST	OPTN	Vista Energy S.A.B. de C.V.	Yes	Yes	25.00	37.50	100	1.00	No	No	VIST	999
VITL	EQUI	VITAL FARMS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VITL	999
VITL	OPTN	VITAL FARMS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	VITL	999
VIV	EQUI	Telefonica Brasil S.A.	Yes	Yes	0.00	0.00	1	1.00	No	No	VIV	999
VIV	OPTN	Telefonica Brasil S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	VIV	999
VIXM	EQUI	PROSHARES TR IIVIX MDTRM FUTR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VIXM	999
VXZ	EQUI	Ipath Series B S&P 500 Vix M/T	Yes	No	0.00		1	1.00	No	Yes	VIXM	999
VIXM	OPTN	ProShares VIX Mid-Term Futures ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VIXM	999
VXZ	OPTN	iPath Series B S&P 500 VIX Mid-Term Futures	Yes	No	25.00		100	1.00	No	Yes	VIXM	999
VXZ1	OPTN	iPath Series B S&P 500 VIX Mid-Term Futures (1:4)	Yes	No	25.00		100	1.00	No	Yes	VIXM	999
VKTX	EQUI	Viking Therapeutics Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	VKTX	999
VKTX	OPTN	Viking Therapeutics Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	VKTX	999
1VKTX	OPTN	Viking Therapeutics Inc (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	VKTX	999
2VKTX	OPTN	Viking Therapeutics Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	VKTX	999
VLDX	EQUI	Velo3D, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	VLDX	999
VLDX	OPTN	Velo3D, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VLDX	999
VLDX1	OPTN	Velo3D, Inc. (1:35 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	VLDX	999
VLDXW	WARR	Velo3D, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	VLDX	999
VLN	EQUI	Valens Semiconductor Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	VLN	999
VLN	OPTN	VALENS SEMICONDUCTOR LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	VLN	999
VLNWS	WARR	VALENS SEMICONDUCTOR LTD. (WARRANT)	Yes	Yes	0.25	0.375	1	1.00	No	No	VLN	999
VLO	EQUI	VALERO ENERGY CORP NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	VLO	999
VLO	OPTN	VALERO ENERGY CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	VLO	999
2VLO	OPTN	VALERO ENERGY CORP. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	VLO	999
VLRS	EQUI	CONTROLADORA VUELA CIA DE AVSPON ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	VLRS	999
VLRS	OPTN	Controladora Vuela Compania de Aviacion, S.A.B. DE	Yes	Yes	25.00	37.50	100	1.00	No	No	VLRS	999
VLTO	EQUI	VERALTO CORPCOM SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	VLTO	999
VLTO	OPTN	VERALTO CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	VLTO	999
VLU	EQUI	SPDR SER TRSPDR S&P1500VL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VLU	999
VLU	OPTN	SPDR S&P 1500 VALUE TILT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VLU	999
VLUE	EQUI	iShares MSCI USA Value Factor ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VLUE	999
VLUE	OPTN	iShares MSCI USA Value Factor ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VLUE	999
VLY	EQUI	VALLEY NATL BANCORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VLY	999
VLY	OPTN	VALLEY NATIONAL BANCORP	Yes	Yes	25.00	37.50	100	1.00	No	No	VLY	999
VMBS	EQUI	VANGUARD SCOTTSDALE FDSMORTG-BACK SEC	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VMBS	999
VMBS	OPTN	VANGUARD MORTGAGE-BACKED SECURITIES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VMBS	999
VMC	EQUI	VULCAN MATLS CO	Yes	Yes	0.00	0.00	1	1.00	No	No	VMC	999
VMC	OPTN	VULCAN MATERIALS COMPANY	Yes	Yes	25.00	37.50	100	1.00	No	No	VMC	999
2VMC	OPTN	VULCAN MATERIALS COMPANY (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	VMC	999
VMD	EQUI	VIEMED HEALTHCARE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VMD	999
VMD	OPTN	VIEMED HEALTHCARE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	VMD	999
VME0	EQUI	VIMEO INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	VME0	999
VME0	OPTN	VIMEO, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	VME0	999
1VME0	OPTN	VIMEO, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	VME0	999
VMI	EQUI	VALMONT INDS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VMI	999
VMI	OPTN	Valmont Industries, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VMI	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
VNDA	EQUI	VANDA PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VNDA	999
VNDA	OPTN	Vanda Pharmaceuticals, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VNDA	999
1VNDA	OPTN	Vanda Pharmaceuticals, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	VNDA	999
VNET	EQUI	VNET Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	VNET	999
VNET	OPTN	VNET Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VNET	999
VNLA	EQUI	JANUS DETROIT STR TRHENDRSN SHRT ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VNLA	999
VNLA	OPTN	JANUS HENDERSON SHORT DURATION INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VNLA	999
VNM	EQUI	VANECK VECTORS ETF TRUSTVIETNAM ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VNM	999
VNO	EQUI	VORNADO RLTY TR	Yes	Yes	0.00	0.00	1	1.00	No	No	VNO	999
VNO	OPTN	VORNADO REALTY TRUST	Yes	Yes	25.00	37.50	100	1.00	No	No	VNO	999
VNOM	EQUI	Viper Energy, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	VNOM	999
VNOM	OPTN	Viper Energy, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VNOM	999
1VNOM	OPTN	Viper Energy, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	VNOM	999
VNQI	EQUI	Vanguard Global ex-U.S. Real Estate ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VNQI	999
VNQI	OPTN	Vanguard Global ex-U.S. Real Estate ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VNQI	999
VNRX	EQUI	VOLITIONRX LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VNRX	999
VNRX	OPTN	VOLITIONRX LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	VNRX	999
VNT	EQUI	VONTIER CORPORATIONCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VNT	999
VNT	OPTN	VONTIER CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	VNT	999
VO	EQUI	VANGUARD INDEX FDSMID CAP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VO	999
VO	OPTN	Vanguard Mid-Cap ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VO	999
VOC	EQUI	VOC ENERGY TRTR	Yes	Yes	0.00	0.00	1	1.00	No	No	VOC	999
VOC	OPTN	Voc Energy Trust	Yes	Yes	25.00	37.50	100	1.00	No	No	VOC	999
VOD	EQUI	VODAFONE GROUP PLC NEWSPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	VOD	999
VOD	OPTN	VODAFONE GROUP PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	VOD	999
VOE	EQUI	Vanguard Mid-Cap Value ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VOE	999
VOE	OPTN	Vanguard Mid-Cap Value ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VOE	999
VOR	EQUI	VOR BIOPHARMA INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VOR	999
VOR	OPTN	VOR BIOPHARMA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	VOR	999
VOT	EQUI	Vanguard Mid-Cap Growth ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VOT	999
VOT	OPTN	Vanguard Mid-Cap Growth Index Fund ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VOT	999
VOTE	EQUI	TCW ETF TRUSTTRANSFRM 500 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VOTE	999
VOX	EQUI	Vanguard Communication Services ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VOX	999
VOX	OPTN	Vanguard Communication Services ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VOX	999
VOXX	OPTN	VOXX International Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	VOXX	999
VOYA	EQUI	Voya Financial, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	VOYA	999
VOYA	OPTN	Voya Financial, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VOYA	999
VPG	EQUI	VISHAY PRECISION GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VPG	999
VPG	OPTN	Vishay Precision Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VPG	999
VPL	EQUI	Vanguard FTSE Pacific ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VPL	999
VPL	OPTN	Vanguard FTSE Pacific ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VPL	999
VPLS	EQUI	VANGUARD MALVERN FDSMID-CAP PLUS BD ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VPLS	999
VPLS	OPTN	VANGUARD CORE-PLUS BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VPLS	999
VR	EQUI	GLOBAL X FDSMETAVERSE ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VR	999
VRA	EQUI	VERA BRADLEY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VRA	999
VRA	OPTN	Vera Bradley, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VRA	999
VRAI	EQUI	ETFIS SER TR IVIRTUS REAL AS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VRAI	999
VRAR	EQUI	GLIMPSE GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VRAR	999
VRAR	OPTN	GLIMPSE GROUP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	VRAR	999
VRCA	EQUI	VERRICA PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VRCA	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
VRCA	OPTN	VERRICA PHARMACEUTICALS INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	VRCA	999
VRDN	EQUI	VIRIDIAN THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VRDN	999
VRDN	OPTN	VIRIDIAN THERAPEUTICS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	VRDN	999
1VRDN	OPTN	VIRIDIAN THERAPEUTICS, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	VRDN	999
VRE	EQUI	Veris Residential, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	VRE	999
VRE	OPTN	Veris Residential, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VRE	999
VREX	EQUI	VAREX IMAGING CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VREX	999
VREX	OPTN	Varex Imaging Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	VREX	999
VRN	EQUI	Veren Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	VRN	999
VRN	OPTN	Veren Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VRN	999
VRNA	EQUI	VERONA PHARMA PLCSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	VRNA	999
VRNA	OPTN	VERONA PHARMA PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	VRNA	999
VRNS	EQUI	VARONIS SYS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VRNS	999
VRNS	OPTN	Varonis Systems, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VRNS	999
2VRNS	OPTN	Varonis Systems, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	VRNS	999
VRNT	EQUI	VERINT SYS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VRNT	999
VRNT	OPTN	Verint Systems, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VRNT	999
VRP	EQUI	Invesco Variable Rate Preferred ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VRP	999
VRP	OPTN	Invesco Variable Rate Preferred ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VRP	999
VRRM	EQUI	Verra Mobility Corporation Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	VRRM	999
VRRM	OPTN	VERRA MOBILITY CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	VRRM	999
VRRMW	WARR	Verra Mobility Corp. (warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	VRRM	999
VRSK	EQUI	Verisk Analytics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	VRSK	999
VRSK	OPTN	Verisk Analytics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VRSK	999
2VRSK	OPTN	Verisk Analytics, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	VRSK	999
VRSN	EQUI	VERISIGN INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VRSN	999
VRSN	OPTN	VERISIGN, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	VRSN	999
VRT	EQUI	VERTIV HOLDINGS COCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	VRT	999
VRT	OPTN	VERTIV HOLDINGS CO	Yes	Yes	25.00	37.50	100	1.00	No	No	VRT	999
2VRT	OPTN	VERTIV HOLDINGS CO (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	VRT	999
VRTX	EQUI	VERTEX PHARMACEUTICALS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	VRTX	999
VRTX	OPTN	VERTEX PHARMCTLS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	VRTX	999
2VRTX	OPTN	VERTEX PHARMCTLS, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	VRTX	999
VSAT	EQUI	VIASAT INC	Yes	Yes	0.00	0.00	1	1.00	No	No	VSAT	999
VSAT	OPTN	ViaSat, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VSAT	999
VSCO	EQUI	Victoria's Secret & Co.	Yes	Yes	0.00	0.00	1	1.00	No	No	VSCO	999
VSCO	OPTN	VICTORIAS SECRET & CO	Yes	Yes	25.00	37.50	100	1.00	No	No	VSCO	999
VSDA	EQUI	VICTORY PORTFOLIOS IIVICSHS DV AC ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VSDA	999
VSDA	OPTN	VICTORYSHARES DIVIDEND ACCELERATOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VSDA	999
VSEC	EQUI	VSE CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	VSEC	999
VSEC	OPTN	VSE CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	VSEC	999
VSH	EQUI	VISHAY INTERTECHNOLOGY INC	Yes	Yes	0.00	0.00	1	1.00	No	No	VSH	999
VSH	OPTN	VISHAY INTERTECHNOLOGY	Yes	Yes	25.00	37.50	100	1.00	No	No	VSH	999
VSS	EQUI	VANGUARD INTL EQUITY INDEX FFTSE SMCAP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VSS	999
VSS	OPTN	Vanguard FTSE All World ex-US Small-Cap ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VSS	999
VST	EQUI	Vistra Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	VST	999
VST	OPTN	Vistra Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	VST	999
2VST	OPTN	Vistra Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	VST	999
VSTWSA	WARR	Vistra Corporation (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	VST	999
VSTM	EQUI	VERASTEM INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VSTM	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
VSTM	OPTN	Verastem Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	VSTM	999
VSTS	EQUI	VESTIS CORPORATIONCOM SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	VSTS	999
VSTS	OPTN	VESTIS CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	VSTS	999
VTC	EQUI	VANGUARD SCOTTSDALE FDS TOTAL CORP BND	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VTC	999
VTC	OPTN	VANGUARD TOTAL CORPORATE BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VTC	999
VTEX	EQUI	VTEXSHS CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	VTEX	999
VTEX	OPTN	VTEX	Yes	Yes	25.00	37.50	100	1.00	No	No	VTEX	999
VTGN	EQUI	Vistagen Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	VTGN	999
VTGN	OPTN	Vistagen Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VTGN	999
VTLE	EQUI	Vital Energy, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	VTLE	999
VTLE	OPTN	Vital Energy, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VTLE	999
VTOL	EQUI	BRISTOW GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VTOL	999
VTOL	OPTN	BRISTOW GROUP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	VTOL	999
VTR	EQUI	VENTAS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	VTR	999
VTR	OPTN	Ventas, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VTR	999
2VTR	OPTN	Ventas, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	VTR	999
VTRS	EQUI	VIATRIS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VTRS	999
VTRS	OPTN	Viatis Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VTRS	999
2VTRS	OPTN	Viatis Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	VTRS	999
VTS	EQUI	VITESSE ENERGY INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	VTS	999
VTS	OPTN	VITESSE ENERGY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	VTS	999
VTSI	EQUI	VIRTRA INCCOM PAR	Yes	Yes	0.00	0.00	1	1.00	No	No	VTSI	999
VTSI	OPTN	VIRTRA, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	VTSI	999
VTV	EQUI	VANGUARD INDEX FDSVALUE ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VTV	999
VTV	OPTN	Vanguard Value ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VTV	999
VTYX	EQUI	VENTYX BIOSCIENCES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VTYX	999
VTYX	OPTN	VENTYX BIOSCIENCES, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	VTYX	999
VUG	EQUI	VANGUARD INDEX FDSGROWTH ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VUG	999
VUG	OPTN	Vanguard Growth ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VUG	999
VUSB	EQUI	Vanguard Ultra-Short Bond ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VUSB	999
VUSB	OPTN	VANGUARD ULTRA SHORT BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VUSB	999
VUSE	EQUI	ETF SER SOLUTIONSVIDENT US EQUITY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VUSE	999
VUZI	EQUI	VUZIX CORPCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	VUZI	999
VUZI	OPTN	Vuzix Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	VUZI	999
VV	EQUI	VANGUARD INDEX FDSLARGE CAP ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VV	999
VV	OPTN	Vanguard Large-Cap ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VV	999
VVV	EQUI	VALVOLINE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VVV	999
VVV	OPTN	Valvoline, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VVV	999
VVX	EQUI	V2X, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	VVX	999
VVX	OPTN	V2X, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	VVX	999
VWOB	EQUI	VANGUARD WHITEHALL FDSEMERG MKT BD ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VWOB	999
VWOB	OPTN	VANGUARD EMERGING MARKETS GOVERNMENT BOND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VWOB	999
VXRT	EQUI	Vaxart, Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	VXRT	999
VXRT	OPTN	VAXART, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	VXRT	999
SVXY	EQUI	PROSHARES TR IISHT VIX ST TRM	Yes	Yes	0.00	0.00	1	-0.50	Yes	No	VXX	999
UVXY	EQUI	PROSHARES TR IIULT VIX ST TRM	Yes	Yes	0.00	0.00	1	1.50	Yes	No	VXX	999
VIXY	EQUI	PROSHARES TR IIVIX SHTRM FUT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VXX	999
VXX	EQUI	Ipath Series B S&P 500 Vix	Yes	No	0.00		1	1.00	No	Yes	VXX	999
SVXY	OPTN	ProShares Short VIX Short-Term Futures	Yes	Yes	25.00	37.50	100	-0.50	Yes	No	VXX	999
UVXY	OPTN	ProShares Ultra VIX Short-Term Futures	Yes	Yes	25.00	37.50	100	1.50	Yes	No	VXX	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
UVXY2	OPTN	ProShares Ultra VIX Short-Term (1:5 Rev Split)	Yes	Yes	25.00	37.50	100	1.50	Yes	No	VXX	999
VIXY	OPTN	ProShares VIX Short-Term Futures ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VXX	999
VIXY2	OPTN	ProShares VIX Short-Term Futures ETF (1:4 R Split)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VXX	999
VXX	OPTN	iPath Series B S&P 500 VIX Short-Term Futures	Yes	No	25.00		100	1.00	No	Yes	VXX	999
VXX2	OPTN	iPath Series B S&P 500 VIX Short-Term Futures(1:4)	Yes	No	25.00		100	1.00	No	Yes	VXX	999
1VXX2	OPTN	iPath Series B S&P 500 VIXShort (AMER/FLEX) (1:4)	Yes	No	25.00		100	1.00	No	Yes	VXX	999
VYGR	EQUI	VOYAGER THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	VYGR	999
VYGR	OPTN	Voyager Therapeutics, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	VYGR	999
VYM	EQUI	Vanguard High Dividend Yield ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VYM	999
VYM	OPTN	Vanguard High Dividend Yield ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VYM	999
VYMI	EQUI	VANGUARD WHITEHALL FDSINTL HIGH ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	VYMI	999
VYMI	OPTN	VANGUARD INTERNATIONAL HIGH DIVIDEND YIELD ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	VYMI	999
VYX	EQUI	NCR Voyix Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	VYX	999
VYX	OPTN	NCR Voyix Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	VYX	999
VYX1	OPTN	NCR Voyix Corporation - (Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	VYX	999
VZ	EQUI	VERIZON COMMUNICATIONS	Yes	Yes	0.00	0.00	1	1.00	No	No	VZ	999
VZ	OPTN	VERIZON COMM	Yes	Yes	25.00	37.50	100	1.00	No	No	VZ	999
2VZ	OPTN	VERIZON COMM (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	VZ	999
W	EQUI	WAYFAIR INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	W	999
W	OPTN	Wayfair Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	W	999
1W	OPTN	Wayfair Inc (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	W	999
2W	OPTN	Wayfair Inc (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	W	999
WAB	EQUI	WABTEC	Yes	Yes	0.00	0.00	1	1.00	No	No	WAB	999
WAB	OPTN	Wabtec Corp.	Yes	Yes	25.00	37.50	100	1.00	No	No	WAB	999
2WAB	OPTN	Wabtec Corp. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	WAB	999
WABC	EQUI	WESTAMERICA BANCORPORATIONCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WABC	999
WABC	OPTN	WESTAMERICA BANCORPORATIO	Yes	Yes	25.00	37.50	100	1.00	No	No	WABC	999
WAFD	EQUI	WaFd, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	WAFD	999
WAFD	OPTN	WaFd, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WAFD	999
WAL	EQUI	WESTERN ALLIANCE BANCORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WAL	999
WAL	OPTN	Western Alliance Bancorp	Yes	Yes	25.00	37.50	100	1.00	No	No	WAL	999
WASH	EQUI	WASHINGTON TR BANCORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WASH	999
WASH	OPTN	Washington Trust Bancorp	Yes	Yes	25.00	37.50	100	1.00	No	No	WASH	999
WAT	EQUI	WATERS CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	WAT	999
WAT	OPTN	WATERS CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	WAT	999
WAY	EQUI	WAYSTAR HLDG CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WAY	999
WAY	OPTN	WAYSTAR HOLDING CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	WAY	999
WB	EQUI	WEIBO CORPSPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	WB	999
WB	OPTN	Weibo Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	WB	999
WBA	EQUI	Walgreens Boots Alliance, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	WBA	999
WBA	OPTN	Walgreens Boots Alliance, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WBA	999
WBAT	EQUI	WISDOMTREE TRBATTERY VL CHAIN	Yes	Yes	0.00	0.00	1	1.00	Yes	No	WBAT	999
WBAT	OPTN	WISDOMTREE BATTERY VALUE CHAIN AND INNOVATION	Yes	Yes	25.00	37.50	100	1.00	Yes	No	WBAT	999
WBD	EQUI	Warner Bros. Discovery, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	WBD	999
WBD	OPTN	Warner Bros. Discovery, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WBD	999
1WBD	OPTN	Warner Bros. Discovery, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	WBD	999
2WBD	OPTN	Warner Bros. Discovery, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	WBD	999
WBS	EQUI	WEBSTER FINANCIAL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	WBS	999
WBS	OPTN	WEBSTER FINANCIAL CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	WBS	999
WBTN	EQUI	WEBTOON ENTMT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WBTN	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
WBTN	OPTN	WEBTOON ENTERTAINMENT INC	Yes	Yes	25.00	37.50	100	1.00	No	No	WBTN	999
WBX	EQUI	Wallbox N.V. Class A	Yes	Yes	0.00	0.00	1	1.00	No	No	WBX	999
WBX	OPTN	Wallbox N.V.	Yes	Yes	25.00	37.50	100	1.00	No	No	WBX	999
WBXWS	WARR	Wallbox N.V. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	WBX	999
WCBR	EQUI	WISDOMTREE TRCYBERSECURITY FD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	WCBR	999
WCBR	OPTN	WISDOMTREE CYBERSECURITY FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	WCBR	999
WCC	EQUI	WESCO INTL INC	Yes	Yes	0.00	0.00	1	1.00	No	No	WCC	999
WCC	OPTN	WESCO INTERNATIONAL	Yes	Yes	25.00	37.50	100	1.00	No	No	WCC	999
WCLD	EQUI	WISDOMTREE TRCLOUD COMPUTNG	Yes	Yes	0.00	0.00	1	1.00	Yes	No	WCLD	999
WCLD	OPTN	WISDOMTREE CLOUD COMPUTING FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	WCLD	999
WCN	EQUI	Waste Connections, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	WCN	999
WCN	OPTN	Waste Connections, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WCN	999
WD	EQUI	WALKER & DUNLOP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WD	999
WD	OPTN	Walker & Dunlop Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	WD	999
WDAY	EQUI	WORKDAY INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	WDAY	999
WDAY	OPTN	Workday, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WDAY	999
2WDAY	OPTN	Workday, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	WDAY	999
WDC	EQUI	WESTERN DIGITAL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	WDC	999
WDC	OPTN	WESTERN DIGITAL CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	WDC	999
WDC1	OPTN	WESTERN DIGITAL CORP (Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	WDC	999
1WDC	OPTN	WESTERN DIGITAL CORP (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	WDC	999
1WDC1	OPTN	WESTERN DIGITAL CORP (AMER/FLEX)(Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	WDC	999
2WDC	OPTN	WESTERN DIGITAL CORP (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	WDC	999
2WDC1	OPTN	WESTERN DIGITAL CORP (EURO/FLEX)(Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	WDC	999
WDFC	EQUI	WD-40 COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WDFC	999
WDFC	OPTN	WD-40 Co	Yes	Yes	25.00	37.50	100	1.00	No	No	WDFC	999
WDIV	EQUI	SPDR INDEX SHS FDSS&P GLBDIV ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	WDIV	999
WDIV	OPTN	SPDR S&P GLOBAL DIVIDEND ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	WDIV	999
WDNA	EQUI	WISDOMTREE BIOREVOLUTION FUND	Yes	Yes	0.00	0.00	1	1.00	Yes	No	WDNA	999
WDNA	OPTN	WISDOMTREE BIOREVOLUTION FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	WDNA	999
WDS	EQUI	Woodside Energy Group Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	WDS	999
WDS	OPTN	WOODSIDE ENERGY GROUP LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	WDS	999
WDTE	EQUI	Defiance S&P 500 Enhanced Options & 0DTE IncomeETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	WDTE	999
WDTE	OPTN	Defiance S&P 500 Enhanced Options &0DTE Income ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	WDTE	999
WDTE1	OPTN	Defiance S&P 500 Enhanced Options & 0D (1:3 Split)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	WDTE	999
WEAT	EQUI	TEUCRIUM COMMODITY TRWHEAT FD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	WEAT	999
WEAT	OPTN	Tecrium Wheat Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	WEAT	999
WEAV	EQUI	WEAVE COMMUNICATIONS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WEAV	999
WEAV	OPTN	WEAVE COMMUNICATIONS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	WEAV	999
WEC	EQUI	WEC Energy Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	WEC	999
WEC	OPTN	WEC Energy Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WEC	999
1WEC	OPTN	WEC Energy Group, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	WEC	999
2WEC	OPTN	WEC Energy Group, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	WEC	999
WEED	EQUI	ROUNDHILL CANNABIS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	WEED	999
WEED	OPTN	ROUNDHILL CANNABIS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	WEED	999
WELL	EQUI	Welltower Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	WELL	999
WELL	OPTN	Welltower Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WELL	999
WEN	EQUI	The Wendys Company	Yes	Yes	0.00	0.00	1	1.00	No	No	WEN	999
WEN	OPTN	The Wendy's Company	Yes	Yes	25.00	37.50	100	1.00	No	No	WEN	999
WERN	EQUI	WERNER ENTERPRISES INC	Yes	Yes	0.00	0.00	1	1.00	No	No	WERN	999



**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
WERN	OPTN	WERNER ENTERPRISES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	WERN	999
WES	EQUI	Western Midstream Partners, LP	Yes	Yes	0.00	0.00	1	1.00	No	No	WES	999
WES	OPTN	Western Midstream Partners, LP	Yes	Yes	25.00	37.50	100	1.00	No	No	WES	999
WEST	EQUI	Westrock Coffee Company	Yes	Yes	0.00	0.00	1	1.00	No	No	WEST	999
WEST	OPTN	Westrock Coffee Company	Yes	Yes	25.00	37.50	100	1.00	No	No	WEST	999
WEX	EQUI	WEX Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	WEX	999
WEX	OPTN	WEX Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WEX	999
WFC	EQUI	WELLS FARGO & CO NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	WFC	999
WFC	OPTN	WELLS FARGO & CO	Yes	Yes	25.00	37.50	100	1.00	No	No	WFC	999
1WFC	OPTN	WELLS FARGO & CO (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	WFC	999
2WFC	OPTN	WELLS FARGO & CO (Euro Flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	WFC	999
WFG	EQUI	WEST FRASER TIMBER CO LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WFG	999
WFG	OPTN	WEST FRASER TIMBER CO. LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	WFG	999
WFH	EQUI	DIREXION SHS ETF TRWORK FROM HOME	Yes	Yes	0.00	0.00	1	1.00	Yes	No	WFH	999
WFH	OPTN	DIREXION WORK FROM HOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	WFH	999
WFRD	EQUI	WEATHERFORD INTL INCORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	WFRD	999
WFRD	OPTN	WEATHERFORD INTERNATIONAL PLC	Yes	Yes	25.00	37.50	100	1.00	No	No	WFRD	999
WFTUF	WARR	WEATHERFORD INTERNATIONAL PLC(Warrant)	Yes	No	0.25		1	1.00	No	No	WFRD	999
WGMI	EQUI	Valkyrie ETF Trst II CoinShrs Valk Bitcoin Miners	Yes	Yes	0.00	0.00	1	1.00	Yes	No	WGMI	999
WGMI	OPTN	Valkyrie ETF Trst II CoinShrs Valk Bitcoin Miners	Yes	Yes	25.00	37.50	100	1.00	Yes	No	WGMI	999
WGO	EQUI	WINNEBAGO INDS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	WGO	999
WGO	OPTN	WINNEBAGO INDUSTRIES, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	WGO	999
WGS	EQUI	GeneDx Holdings Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	WGS	999
WGS	OPTN	GeneDx Holdings Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	WGS	999
1WGS	OPTN	GeneDx Holdings Corporation (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	WGS	999
WGSWW	WARR	GeneDx Holdings Corporation (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	WGS	999
WH	EQUI	WYNDHAM HOTELS & RESORTS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WH	999
WH	OPTN	WYNDHAM HOTELS RESORTS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	WH	999
WHD	EQUI	CACTUS INCCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	WHD	999
WHD	OPTN	Cactus Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	WHD	999
WHF	EQUI	WHITEHORSE FIN INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WHF	999
WHF	OPTN	WHITEHORSE FIN INC	Yes	Yes	25.00	37.50	100	1.00	No	No	WHF	999
WHG	EQUI	Westwood Holdings Group, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	WHG	999
WHG	OPTN	Westwood Holdings Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WHG	999
WHR	EQUI	WHIRLPOOL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	WHR	999
WHR	OPTN	WHIRLPOOL CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	WHR	999
2WHR	OPTN	WHIRLPOOL CORPORATION (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	WHR	999
WHWK	EQUI	Whitehawk Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	WHWK	999
WHWK	OPTN	Whitehawk Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WHWK	999
WIMI	EQUI	WIMI HOLOGRAM CLOUD INCSPON ADS CL B	Yes	Yes	0.00	0.00	1	1.00	No	No	WIMI	999
WIMI	OPTN	WIMI HOLOGRAM CLOUD INC	Yes	Yes	25.00	37.50	100	1.00	No	No	WIMI	999
WIMI1	OPTN	WIMI HOLOGRAM CLOUD INC (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	WIMI	999
WING	EQUI	WINGSTOP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WING	999
WING	OPTN	Wingstop Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WING	999
WIP	EQUI	SPDR SER TRFTSE INT GVT ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	WIP	999
WIP	OPTN	SPDR FTSE INTERNATIONAL GOVERNMENT INFLATION	Yes	Yes	25.00	37.50	100	1.00	Yes	No	WIP	999
WISE	EQUI	THEMES ETF TRGENERATIVE ARTIF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	WISE	999
WISE	OPTN	THEMES GENERATIVE ARTIFICIAL INTELLIGENCE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	WISE	999
WIT	EQUI	WIPRO LTD	Yes	Yes	0.00	0.00	1	1.00	No	No	WIT	999
WIT	OPTN	WIPRO LIMITED- ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	WIT	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
WIX	EQUI	WIX COM LTDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	WIX	999
WIX	OPTN	Wix.com Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	WIX	999
WK	EQUI	Workiva Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	WK	999
WK	OPTN	Workiva Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WK	999
WKC	EQUI	World Kinect Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	WKC	999
WKC	OPTN	World Kinect Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	WKC	999
WKHS	EQUI	WORKHORSE GROUP INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	WKHS	999
WKHS1	OPTN	WORKHORSE GROUP INC. (1:20 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	WKHS	999
WKHS2	OPTN	WORKHORSE GROUP INC. (8 Shrs)	Yes	Yes	25.00	37.50	100	1.00	No	No	WKHS	999
WKSP	EQUI	WORKSPORT LTDCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	WKSP	999
WKSP1	OPTN	WORKSPORT, LTD (1:10 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	WKSP	999
WLDN	EQUI	WILLDAN GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WLDN	999
WLDN	OPTN	WILLDAN GROUP INC	Yes	Yes	25.00	37.50	100	1.00	No	No	WLDN	999
WLK	EQUI	Westlake Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	WLK	999
WLK	OPTN	Westlake Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	WLK	999
WLKP	EQUI	WESTLAKE CHEM PARTNERS LPCOM UNIT RP LP	Yes	Yes	0.00	0.00	1	1.00	No	No	WLKP	999
WLKP	OPTN	Westlake Chemical Partners LP Common Units	Yes	Yes	25.00	37.50	100	1.00	No	No	WLKP	999
WLY	EQUI	WILEY JOHN & SONS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	WLY	999
WLY	OPTN	John Wiley & Sons, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WLY	999
WM	EQUI	WASTE MANAGEMENT INC	Yes	Yes	0.00	0.00	1	1.00	No	No	WM	999
WM	OPTN	WASTE MANAGEMENT INC	Yes	Yes	25.00	37.50	100	1.00	No	No	WM	999
2WM	OPTN	WASTE MANAGEMENT INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	WM	999
WMB	EQUI	Williams Companies	Yes	Yes	0.00	0.00	1	1.00	No	No	WMB	999
WMB	OPTN	WILLIAMS COMPANIES	Yes	Yes	25.00	37.50	100	1.00	No	No	WMB	999
2WMB	OPTN	WILLIAMS COMPANIES (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	WMB	999
WMG	EQUI	WARNER MUSIC GROUPCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	WMG	999
WMG	OPTN	WARNER MUSIC GROUP CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	WMG	999
WMK	EQUI	Weis Markets Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	WMK	999
WMK	OPTN	Weis Markets Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	WMK	999
WMS	EQUI	ADVANCED DRAIN SYS INC	Yes	Yes	0.00	0.00	1	1.00	No	No	WMS	999
WMS	OPTN	Advanced Drainage Systems, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WMS	999
WMT	EQUI	Walmart Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	WMT	999
WMT	OPTN	Walmart Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WMT	999
2WMT	OPTN	Walmart Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WMT	999
WNC	EQUI	WABASH NATL CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	WNC	999
WNC	OPTN	WABASH NATIONAL CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	WNC	999
WNDY	EQUI	GLOBAL X FDSWIND ENERGY ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	WNDY	999
WNDY	OPTN	GLOBAL X WIND ENERGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	WNDY	999
WNEB	EQUI	Western New England Bancorp, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	WNEB	999
WNEB	OPTN	Western New England Bancorp, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WNEB	999
WNS	EQUI	WNS Holdings Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	WNS	999
WNS	OPTN	WNS Holdings Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	WNS	999
WOLF	EQUI	Wolfspeed, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	WOLF	999
WOLF	OPTN	Wolfspeed, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WOLF	999
WOOD	EQUI	iShares Global Timber & Forestry ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	WOOD	999
WOOD	OPTN	iShares Global Timber & Forestry ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	WOOD	999
WOOF	EQUI	PETCO HEALTH & WELLNESS CO ICOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WOOF	999
WOOF	OPTN	PETCO HEALTH AND WELLNESS COMPANY, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	WOOF	999
WOR	EQUI	Worthington Enterprises, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	WOR	999
WOR	OPTN	Worthington Enterprises, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WOR	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
WOW	EQUI	WIDEPENWEST INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WOW	999
WOW	OPTN	WideOpenWest, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WOW	999
WPC	EQUI	W P CAREY INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WPC	999
WPC	OPTN	WP Carey Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	WPC	999
WPC1	OPTN	WP Carey Inc. (Spinoff)	Yes	Yes	25.00	37.50	100	1.00	No	No	WPC	999
WPM	EQUI	Wheaton Precious Metals Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	WPM	999
WPM	OPTN	Wheaton Precious Metals Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	WPM	999
2WPM	OPTN	Wheaton Precious Metals Corporation (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	WPM	999
WPP	EQUI	WPP PLC ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	WPP	999
WPP	OPTN	WPP PLC ADS	Yes	Yes	25.00	37.50	100	1.00	No	No	WPP	999
WPRT	EQUI	Westport Fuel Systems Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	WPRT	999
WPRT	OPTN	Westport Fuel Systems Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	WPRT	999
WPS	EQUI	ISHARES TRINTL DEVPPTY ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	WPS	999
WPS	OPTN	iShares International Developed Property ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	WPS	999
WRAP	EQUI	WRAP TECHNOLOGIES INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WRAP	999
WRAP	OPTN	WRAP TECHNOLOGIES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	WRAP	999
WRB	EQUI	BERKLEY W R CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WRB	999
WRB	OPTN	BERKLEY(WR) CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	WRB	999
WRBY	EQUI	WARBY PARKER INCCCL A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	WRBY	999
WRBY	OPTN	WARBY PARKER, INC. CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	WRBY	999
WRD	EQUI	WERIDE INCSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	WRD	999
WRD	OPTN	WERIDE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	WRD	999
WS	EQUI	WORTHINGTON STL INCCOM SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	WS	999
WS	OPTN	WORTHINGTON STEEL, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	WS	999
WSBC	EQUI	WESBANCO INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WSBC	999
WSBC	OPTN	WesBanco, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WSBC	999
WSBC1	OPTN	Premier Financial Corporation (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	WSBC	999
WSBF	EQUI	WATERSTONE FINL INC MDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WSBF	999
WSBF	OPTN	Waterstone Financial Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	WSBF	999
WSC	EQUI	WillScot Holdings Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	WSC	999
WSC	OPTN	WillScot Holdings Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	WSC	999
WSFS	EQUI	WSFS FINL CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WSFS	999
WSFS	OPTN	WSFS Financial Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	WSFS	999
WSM	EQUI	WILLIAMS SONOMA INC	Yes	Yes	0.00	0.00	1	1.00	No	No	WSM	999
WSM	OPTN	WILLIAMS-SONOMA INC	Yes	Yes	25.00	37.50	100	1.00	No	No	WSM	999
2WSM	OPTN	WILLIAMS-SONOMA INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	WSM	999
WSO	EQUI	WATSCO INC	Yes	Yes	0.00	0.00	1	1.00	No	No	WSO	999
WSO	OPTN	WATSCO INC	Yes	Yes	25.00	37.50	100	1.00	No	No	WSO	999
WSR	EQUI	WHITESTONE REITCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WSR	999
WSR	OPTN	Whitestone REIT	Yes	Yes	25.00	37.50	100	1.00	No	No	WSR	999
WST	EQUI	WEST PHARMACEUTICAL SVSC INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WST	999
WST	OPTN	West Pharmaceutical Services Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	WST	999
WT	EQUI	WisdomTree, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	WT	999
WT	OPTN	WisdomTree, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WT	999
1WT	OPTN	WisdomTree, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	WT	999
WTAI	EQUI	WISDOMTREE TRARTIFICIAL INTEL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	WTAI	999
WTAI	OPTN	WISDOMTREE ARTIFICIAL INTELLIGENCE AND INNOVATION	Yes	Yes	25.00	37.50	100	1.00	Yes	No	WTAI	999
WTBA	EQUI	WEST BANCORPORATION INC	Yes	Yes	0.00	0.00	1	1.00	No	No	WTBA	999
WTBA	OPTN	West Bancorp., Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WTBA	999
WTFC	EQUI	WINTRUST FINANCIAL CORPCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WTFC	999

**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
WTFC	OPTN	Wintrust Financial Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	WTFC	999
WTI	EQUI	W & T OFFSHORE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WTI	999
WTI	OPTN	W&T OFFSHORE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	WTI	999
WTID	EQUI	MicroSectors Energy -3X Inverse Leveraged ETN	Yes	No	0.00		1	-3.00	Yes	No	WTIU	999
WTIU	EQUI	MicroSectors Energy 3X Leveraged ETN	Yes	No	0.00		1	3.00	Yes	No	WTIU	999
WTMF	EQUI	WISDOMTREE TRUSTFUTRE STRAT FD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	WTMF	999
WTMF	OPTN	WISDOMTREE MANAGED FUTURES STRATEGY FUND	Yes	Yes	25.00	37.50	100	1.00	Yes	No	WTMF	999
WTRE	EQUI	WisdomTree New Economy Real Estate Fund	Yes	Yes	0.00	0.00	1	1.00	Yes	No	WTRE	999
WTRE	OPTN	WisdomTree New Economy Real Estate Fund	Yes	Yes	25.00	37.50	100	1.00	Yes	No	WTRE	999
WTRG	EQUI	Essential Utilities, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	WTRG	999
WTRG	OPTN	Essential Utilities, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WTRG	999
WTS	EQUI	WATTS WATER TECHNOLOGIES INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	WTS	999
WTS	OPTN	Watts Water Technologies, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WTS	999
WTTR	EQUI	Select Water Solutions, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	WTTR	999
WTTR	OPTN	Select Water Solutions, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WTTR	999
2WTTR	OPTN	Select Water Solutions, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	WTTR	999
WTV	EQUI	WISDOMTREE TRWISDOMTREE US VA	Yes	Yes	0.00	0.00	1	1.00	Yes	No	WTV	999
WTV	OPTN	WISDOMTREE US VALUE FUND OF BENEF INTEREST	Yes	Yes	25.00	37.50	100	1.00	Yes	No	WTV	999
WTW	EQUI	Willis Towers Watson Public Limited Company	Yes	Yes	0.00	0.00	1	1.00	No	No	WTW	999
WTW	OPTN	Willis Towers Watson Public Limited Company	Yes	Yes	25.00	37.50	100	1.00	No	No	WTW	999
2WTW	OPTN	Willis Towers Watson Public Limited Co (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	WTW	999
WU	EQUI	WESTERN UN COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WU	999
WU	OPTN	The Western Union Company	Yes	Yes	25.00	37.50	100	1.00	No	No	WU	999
2WU	OPTN	The Western Union Company (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	WU	999
WULF	EQUI	TeraWulf Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	WULF	999
WULF	OPTN	TERAWULF INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	WULF	999
1WULF	OPTN	TERAWULF INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	WULF	999
2WULF	OPTN	TERAWULF INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	WULF	999
WVE	EQUI	WAVE LIFE SCIENCES LTDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	WVE	999
WVE	OPTN	Wave Life Sciences Ltd	Yes	Yes	25.00	37.50	100	1.00	No	No	WVE	999
2WVE	OPTN	Wave Life Sciences Ltd (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	WVE	999
WW	EQUI	WW International, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	WW	999
WW	OPTN	WW International, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WW	999
WWD	EQUI	Woodward, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	WWD	999
WWD	OPTN	Woodward, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	WWD	999
WWR	EQUI	WESTWATER RES INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	WWR	999
WWR	OPTN	WESTWATER RESOURCES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	WWR	999
WWW	EQUI	WOLVERINE WORLD WIDE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WWW	999
WWW	OPTN	WOLVERINE WORLD WIDE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	WWW	999
WY	EQUI	WEYERHAEUSER COCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WY	999
WY	OPTN	WEYERHAEUSER CO	Yes	Yes	25.00	37.50	100	1.00	No	No	WY	999
WYNN	EQUI	WYNN RESORTS LTDCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	WYNN	999
WYNN	OPTN	WYNN RESORTS, LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	WYNN	999
1WYNN	OPTN	WYNN RESORTS, LIMITED (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	WYNN	999
2WYNN	OPTN	WYNN RESORTS, LIMITED (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	WYNN	999
WYY	EQUI	WIDEPOINT CORPCOMMON	Yes	Yes	0.00	0.00	1	1.00	No	No	WYY	999
WYY	OPTN	WIDEPOINT CORPORATION	Yes	Yes	25.00	37.50	100	1.00	No	No	WYY	999
X	EQUI	UNITED STATES STL CORP NEWCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	X	999
X	OPTN	UNITED STATES STEEL	Yes	Yes	25.00	37.50	100	1.00	No	No	X	999
1X	OPTN	UNITED STATES STEEL (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	X	999

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2X	OPTN	UNITED STATES STEEL (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	X	999
XAIR	EQUI	BEYOND AIR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	XAIR	999
XAIR	OPTN	BEYOND AIR INC	Yes	Yes	25.00	37.50	100	1.00	No	No	XAIR	999
XAR	EQUI	SPDR S&P Aerospace & Defense ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XAR	999
XAR	OPTN	SPDR S&P Aerospace & Defense ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XAR	999
XB	EQUI	BONDBLOXX ETF TRUSTB RT USD HI YLD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XB	999
XBB	EQUI	BONDBLOXX ETF TRUSTBB RT USD HI YLD	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XBB	999
XBIT	EQUI	XBIOTECH INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	XBIT	999
XBIT	OPTN	XBiotech Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	XBIT	999
XCCC	EQUI	BONDBLOXX ETF TRUSTCCC RT USD HI YL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XCCC	999
XCEM	EQUI	COLUMBIA ETF TR IEM CORE EX ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XCEM	999
XCEM	OPTN	COLUMBIA EM CORE EX-CHINA ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XCEM	999
XDAT	EQUI	FRANKLIN EXPONENTIAL DATA ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XDAT	999
XDAT	OPTN	FRANKLIN EXPONENTIAL DATA ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XDAT	999
XDTE	EQUI	ROUNDHILL S&P 500 0DTE COVERED CALL STRATEGY ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XDTE	999
XDTE	OPTN	ROUNDHILL S&P 500 0DTE COVERED CALL STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XDTE	999
XEL	EQUI	XCEL ENERGY INC	Yes	Yes	0.00	0.00	1	1.00	No	No	XEL	999
XEL	OPTN	XCEL ENERGY INC	Yes	Yes	25.00	37.50	100	1.00	No	No	XEL	999
1XEL	OPTN	XCEL ENERGY INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	XEL	999
2XEL	OPTN	XCEL ENERGY INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	XEL	999
XELA	EQUI	EXELA TECHNOLOGIES INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	XELA	999
XELA	OPTN	EXELA TECHNOLOGIES INC	Yes	Yes	25.00	37.50	100	1.00	No	No	XELA	999
XEMD	EQUI	BondBlox JP Morgan USD Emerging Markets 1-10 Year	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XEMD	999
XENE	EQUI	XENON PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	XENE	999
XENE	OPTN	Xenon Pharmaceuticals Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	XENE	999
1XENE	OPTN	Xenon Pharmaceuticals Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	XENE	999
2XENE	OPTN	Xenon Pharmaceuticals Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	XENE	999
XERS	EQUI	Xeris Biopharma Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	XERS	999
XERS	OPTN	Xeris Biopharma Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	XERS	999
XFOR	EQUI	X4 PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	XFOR	999
XFOR	OPTN	X4 PHARMACEUTICALS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	XFOR	999
XGN	EQUI	EXAGEN INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	XGN	999
XGN	OPTN	EXAGEN, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	XGN	999
XHE	EQUI	SPDR SERIES TRUSTHLTH CR EQUIP	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XHE	999
XHE	OPTN	SPDR S&P HEALTH CARE EQUIPMENT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XHE	999
XHR	EQUI	XENIA HOTELS & RESORTS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	XHR	999
XHR	OPTN	Xenia Hotels & Resorts Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	XHR	999
XHS	EQUI	SPDR SER TRHLTH CARE SVCS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XHS	999
XHS	OPTN	SPDR S&P HEALTH CARE SERVICES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XHS	999
XHYC	EQUI	BONDBLOXX ETF TRUSTUSD HI YLD CONSU	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XHYC	999
XHYC	OPTN	BONDBLOXX USD HIGH YIELD BOND CONSUMER CYCLICAL	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XHYC	999
XHYD	EQUI	BONDBLOXX ETF TRUSTUSD HI YLD NON C	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XHYD	999
XHYD	OPTN	BONDBLOXX USD HIGH YIELD BOND CONSUMER NON-	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XHYD	999
XHYE	EQUI	BONDBLOXX ETF TRUSTUSD HI YLD ENERG	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XHYE	999
XHYE	OPTN	BONDBLOXX USD HIGH YIELD BOND ENERGY SECTOR ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XHYE	999
XHYF	EQUI	BONDBLOXX ETF TRUSTUSD HI YLD FINAN	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XHYF	999
XHYF	OPTN	BONDBLOXX USD HIGH YIELD BOND FINANCIAL & REIT	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XHYF	999
XHYH	EQUI	BONDBLOXX ETF TRUSTUSD HI YLD HEALT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XHYH	999
XHYH	OPTN	BONDBLOXX USD HIGH YIELD BOND HEALTHCARE SECTOR	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XHYH	999
XHYI	EQUI	BONDBLOXX ETF TRUSTUSD HI YLD INDUS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XHYI	999

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XHYI	OPTN	BONDBLOXX USD HIGH YIELD BOND INDUSTRIAL SECTOR	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XHYI	999
XHYT	EQUI	BONDBLOXX ETF TRUSTUSD HI YLD TELEC	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XHYT	999
XHYT	OPTN	BONDBLOXX USD HIGH YIELD BOND TELECOM, MEDIA &	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XHYT	999
XIFR	EQUI	XPLR Infrastructure, LP	Yes	Yes	0.00	0.00	1	1.00	No	No	XIFR	999
XIFR	OPTN	XPLR Infrastructure, LP	Yes	Yes	25.00	37.50	100	1.00	No	No	XIFR	999
XITK	EQUI	SPDR SER TRFACTST INV ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XITK	999
XITK	OPTN	SPDR FACTSET INNOVATIVE TECHNOLOGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XITK	999
XLB	EQUI	SELECT SECTOR SPDR TRSBI MATERIALS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XLB	999
XAB	FUTU	E-mini Materials Select Sector Futures	Yes	No	25.00		100	1.00	No	No	XLB	999
SIXB	OPTN	Materials Select Sector Index Options	Yes	Yes	25.00	37.50	100	1.00	No	No	XLB	999
XLB	OPTN	MATERIALS SELECT SECTOR SPDR	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XLB	999
2XLB	OPTN	MATERIALS SELECT SECTOR SPDR (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XLB	999
XLC	EQUI	COMMUNICATION SERVICES SELECT SECTOR SPDR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XLC	999
XAZ	FUTU	CME E_mini Communcation Services Select Sector Fut	Yes	No	62.50		250	1.00	No	No	XLC	999
SIXC	OPTN	Communication Services Select Sector	Yes	Yes	25.00	37.50	100	1.00	No	No	XLC	999
XLC	OPTN	Communication Services Select Sector SPDR	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XLC	999
2XLC	OPTN	Communication Services Select Sector S (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XLC	999
XLG	EQUI	INVESCO EXCHANGE TRADED FD TS&P 500 TOP 50	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XLG	999
XLG	OPTN	INVESCO S&P 500 TOP 50 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XLG	999
DUSL	EQUI	DIREXION SHS ETF TRDLY INDL BU 3X	Yes	Yes	0.00	0.00	1	3.00	Yes	No	XLI	999
XLI	EQUI	INDUSTRIAL SELECT SECT SPDR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XLI	999
XAI	FUTU	E-mini Industrial Select Sector Futures	Yes	No	25.00		100	1.00	No	No	XLI	999
DUSL	OPTN	DIREXION DAILY INDUSTRIALS BULL 3X SHARES	Yes	Yes	25.00	37.50	100	3.00	Yes	No	XLI	999
SIXI	OPTN	Industrials Select Sector Index Options	Yes	Yes	25.00	37.50	100	1.00	No	No	XLI	999
XAI	OPTN	E-mini Industrial Select Sector Futures Options	Yes	No	25.00		100	1.00	No	No	XLI	999
XLI	OPTN	INDUSTRIAL SECTOR SPDR	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XLI	999
2XLI	OPTN	INDUSTRIAL SECTOR SPDR (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XLI	999
4XLI	OPTN	INDUSTRIAL SECTOR SPDR (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XLI	999
XLP	EQUI	CONSUMER STAPLES SPDR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XLP	999
XAP	FUTU	E-mini Consumer Staples Select Sector Futures	Yes	No	25.00		100	1.00	No	No	XLP	999
SIXR	OPTN	Consumer Staples Select Sector Index Options	Yes	Yes	25.00	37.50	100	1.00	No	No	XLP	999
XLP	OPTN	CONSUMER STAPLES SPDR	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XLP	999
2XLP	OPTN	CONSUMER STAPLES SPDR (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XLP	999
CURE	EQUI	Direxion Daily Healthcare Bull 3x Shares	Yes	Yes	0.00	0.00	1	3.00	Yes	No	XLV	999
XLV	EQUI	SECTOR SPDR TRSBI HEALTHCARE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XLV	999
XAV	FUTU	E-mini Health Care Select Sector Futures	Yes	No	25.00		100	1.00	No	No	XLV	999
CURE	OPTN	Direxion Daily Healthcare Bull 3x Shares	Yes	Yes	25.00	37.50	100	3.00	Yes	No	XLV	999
SIXV	OPTN	Health Care Select Sector Index Options	Yes	Yes	25.00	37.50	100	1.00	No	No	XLV	999
XAV	OPTN	E-mini Health Care Select Sector Futures	Yes	No	25.00		100	1.00	No	No	XLV	999
XLV	OPTN	HEALTH CARE SELECT SECTOR SPDR	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XLV	999
2XLV	OPTN	HEALTH CARE SELECT SECTOR SPDR (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XLV	999
WANT	EQUI	DIREXION SHS ETF TRDLY CNMSR BULL	Yes	Yes	0.00	0.00	1	3.00	Yes	No	XLY	999
XLY	EQUI	Consumer Discretionary Select Sector SPDR	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XLY	999
XAY	FUTU	E-mini Consumer Discretionary Select Sector Future	Yes	No	25.00		100	1.00	No	No	XLY	999
SIXY	OPTN	Consumer Discretionary Sector Index Options	Yes	Yes	25.00	37.50	100	1.00	No	No	XLY	999
WANT	OPTN	DIREXION DAILY CONSUMER DISCRETIONARY BULL 3X	Yes	Yes	25.00	37.50	100	3.00	Yes	No	XLY	999
XLY	OPTN	Consumer Discretionary Select Sector SPDR	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XLY	999
1XLY	OPTN	Consumer Discretionary Select Sector S (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XLY	999
2XLY	OPTN	Consumer Discretionary Select Sector S (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XLY	999
XMAG	EQUI	TIDAL TR IIDEFIANCE LARGE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XMAG	999

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XMAG	OPTN	DEFIANCE LARGE CAP EX-MAG 7 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XMAG	999
XME	EQUI	SPDR S&P Metals & Mining ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XME	999
XME	OPTN	SPDR S&P Metals & Mining ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XME	999
XMLV	EQUI	Invesco S&P MidCap Low Volatility ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XMLV	999
XMLV	OPTN	INVESCO S&P MIDCAP LOW VOLTILITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XMLV	999
XMMO	EQUI	INVESCO EXCHANGE TRADED FD TS&P MDCP MOMNTUM	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XMMO	999
XMMO	OPTN	INVESCO S&P MIDCAP MOMENTUM ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XMMO	999
XMTR	EQUI	XOMETRY INCCLASS A COM	Yes	Yes	0.00	0.00	1	1.00	No	No	XMTR	999
XMTR	OPTN	XOMETRY INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	XMTR	999
XMVM	EQUI	INVESCO EXCHANGE TRADED FD TS&P MDCP VLU MNT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XMVM	999
XMVM	OPTN	INVESCO S&P MIDCAP VALUE WITH MOMENTUM ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XMVM	999
XNCR	EQUI	XENCOR INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	XNCR	999
XNCR	OPTN	Xencor Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	XNCR	999
XNET	EQUI	XUNLEI LTDSPONSORED ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	XNET	999
XNET	OPTN	Xunlei Limited	Yes	Yes	25.00	37.50	100	1.00	No	No	XNET	999
XNTK	EQUI	SPDR SER TRNYSE TECH ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XNTK	999
XNTK	OPTN	SPDR NYSE TECHNOLOGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XNTK	999
XOM	EQUI	EXXON MOBIL CORPORATION	Yes	Yes	0.00	0.00	1	1.00	No	No	XOM	999
XOM	OPTN	EXXON MOBIL CORP	Yes	Yes	25.00	37.50	100	1.00	No	No	XOM	999
XOM2	OPTN	PIONEER NATURAL RESOURCES (Merger)	Yes	Yes	25.00	37.50	100	1.00	No	No	XOM	999
1XOM	OPTN	EXXON MOBIL CORP (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	XOM	999
2XOM	OPTN	EXXON MOBIL CORP (Euro Flex)	Yes	Yes	25.00	37.50	100	1.00	No	No	XOM	999
XOMA	EQUI	XOMA Royalty Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	XOMA	999
XOMA	OPTN	XOMA Royalty Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	XOMA	999
XOMO	EQUI	TIDAL ETF TR IYIELDMAX XOM OPT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XOMO	999
XOMO	OPTN	YIELDMAX XOM OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XOMO	999
XOS	EQUI	Xos, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	XOS	999
SOLOW	WARR	ELECTRAMECCANICA VEHS CORPCOM (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	XOS	999
XOSWW	WARR	Xos, Inc. (Warrant)	Yes	Yes	0.25	0.375	1	1.00	No	No	XOS	999
XP	EQUI	XP INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	XP	999
XP	OPTN	XP INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	XP	999
XPEL	EQUI	XPEL INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	XPEL	999
XPEL	OPTN	XPEL, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	XPEL	999
XPER	EQUI	XPERI INCCOMMON STOCK	Yes	Yes	0.00	0.00	1	1.00	No	No	XPER	999
XPER	OPTN	XPERI INC	Yes	Yes	25.00	37.50	100	1.00	No	No	XPER	999
1XPER	OPTN	XPERI INC (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	XPER	999
XPEV	EQUI	XPENG INCADS	Yes	Yes	0.00	0.00	1	1.00	No	No	XPEV	999
XPEV	OPTN	XPENG, INC. ADR CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	XPEV	999
PILL	EQUI	DIREXION SHS ETF TRDAILY PHARMA	Yes	Yes	0.00	0.00	1	3.00	Yes	No	XPH	999
XPH	EQUI	SPDR S&P Pharmaceuticals ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XPH	999
PILL	OPTN	DIREXION DAILY PHARMACEUTICAL & MEDICAL BULL 3X	Yes	Yes	25.00	37.50	100	3.00	Yes	No	XPH	999
XPH	OPTN	SPDR Pharmaceuticals ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XPH	999
XPND	EQUI	FIRST TR EXCHNG TRADED FD VIEXPANDED TECHNOL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XPND	999
XPND	OPTN	FIRST TRUST EXPANDED TECHNOLOGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XPND	999
XPO	EQUI	XPO, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	XPO	999
XPO	OPTN	XPO, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	XPO	999
XPOF	EQUI	XPONENTIAL FITNESS INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	XPOF	999
XPOF	OPTN	XPONENTIAL FITNESS, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	XPOF	999
XPRO	EQUI	Expro Group Holdings N.V.	Yes	Yes	0.00	0.00	1	1.00	No	No	XPRO	999
XPRO	OPTN	EXPRO GROUP HOLDINGS	Yes	Yes	25.00	37.50	100	1.00	No	No	XPRO	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
XRAY	EQUI	DENTSPLY SIRONA Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	XRAY	999
XRAY	OPTN	DENTSPLY SIRONA Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	XRAY	999
XRLV	EQUI	INVESCO EXCH TRADED FD TR IIS&P 500 EX RAT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XRLV	999
XRLV	OPTN	INVESCO S&P 500 EX-RATE SENSITIVE LOW VOLATILITY	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XRLV	999
XRMI	EQUI	GLOBAL X FDSS&P 500 RISK	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XRMI	999
XRMI	OPTN	GLOBAL X S&P 500 RISK MANAGED INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XRMI	999
RETL	EQUI	Direxion Daily Retail Bull 3X Shares	Yes	Yes	0.00	0.00	1	3.00	Yes	No	XRT	999
XRT	EQUI	SPDR S&P Retail ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XRT	999
SXR	FUTU	E-mini S&P Retail Select Industry Futures	Yes	No	2.50		10	1.00	No	No	XRT	999
RETL	OPTN	Direxion Daily Retail Bull 3X Shares	Yes	Yes	25.00	37.50	100	3.00	Yes	No	XRT	999
XRT	OPTN	SPDR S&P Retail ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XRT	999
XRX	EQUI	Xerox Holdings Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	XRX	999
XRX	OPTN	Xerox Holdings Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	XRX	999
XSHD	EQUI	Invesco S&P SmallCap High Dividend Low Volatility	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XSHD	999
XSHD	OPTN	INVESCO S&P SMALLCAP HIGH DIV LOW VOLATILITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XSHD	999
XSHQ	EQUI	INVESCO S&P SMALLCAP QUALITY ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XSHQ	999
XSHQ	OPTN	INVESCO S&P SMALLCAP QUALITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XSHQ	999
XSLV	EQUI	INVESCO EXCH TRADED FD TR IIS&P SMLCP LOW	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XSLV	999
XSLV	OPTN	INVESCO S&P SMALLCAP LOW VOLATILITY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XSLV	999
XSMO	EQUI	INVESCO EXCHANGE TRADED FD TS&P SMLCP MOMENT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XSMO	999
XSMO	OPTN	INVESCO S&P SMALLCAP MOMENTUM ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XSMO	999
XSOE	EQUI	WISDOMTREE TREM EX ST-OWNED	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XSOE	999
XSOE	OPTN	WISDOMTREE EMERGING MARKETS EX-STATE-OWNED	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XSOE	999
XSVM	EQUI	INVESCO EXCHANGE TRADED FD TS&P SMCP VLU MNT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XSVM	999
XSVM	OPTN	INVESCO S&P SMALLCAP VALUE WITH MOMENTUM ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XSVM	999
XSW	EQUI	SPDR SER TRCOMP SOFTWARE	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XSW	999
XSW	OPTN	SPDR S&P SOFTWARE & SERVICES ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XSW	999
XT	EQUI	ISHARES TREXPONEN TECHNO	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XT	999
XT	OPTN	iShares Exponential Technologies ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XT	999
XTL	EQUI	SPDR SER TRS&P TELECOM	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XTL	999
XTL	OPTN	SPDR S&P TELECOM ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XTL	999
XVOL	EQUI	Acruence Active Hedge U.S. Equity ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XVOL	999
XVOL	OPTN	Acruence Active Hedge U.S. Equity ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XVOL	999
XVV	EQUI	iShares ESG Select Screened S&P 500 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XVV	999
XVV	OPTN	iShares ESG Select Screened S&P 500 ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XVV	999
XWEB	EQUI	SPDR SER TRS&P INTERNET ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XWEB	999
XXCH	EQUI	DIREXION SHS ETF TRDAILY MSCI EMERG	Yes	Yes	0.00	0.00	1	2.00	Yes	No	XXCH	999
XXCH	OPTN	DIREXION DAILY MSCI EMERG MKTS EX CHINA BULL 2X SH	Yes	Yes	25.00	37.50	100	2.00	Yes	No	XXCH	999
XXII	EQUI	22ND CENTY GROUP INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	XXII	999
XXII2	OPTN	22nd Century Group Inc (1:16 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	XXII	999
XYL	EQUI	XYLEM INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	XYL	999
XYL	OPTN	Xylem Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	XYL	999
2XYL	OPTN	Xylem Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	XYL	999
XYLG	EQUI	GLOBAL X FDSS&P 500 COVERED	Yes	Yes	0.00	0.00	1	1.00	Yes	No	XYLG	999
XYLG	OPTN	GLOBAL X S&P 500 COVERED CALL & GROWTH ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	XYLG	999
XYLO	EQUI	Xylo Technologies Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	XYLO	999
XYLO	OPTN	Xylo Technologies Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	XYLO	999
XYZ	EQUI	Block, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	XYZ	999
XYZ	OPTN	Block, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	XYZ	999
1XYZ	OPTN	Block, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	XYZ	999



**RBH/CPM Included Products**

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
2XYZ	OPTN	Block, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	XYZ	999
YALA	EQUI	YALLA GROUP LTDADS	Yes	Yes	0.00	0.00	1	1.00	No	No	YALA	999
YALA	OPTN	YALLA GROUP LIMITED SPONSORED ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	YALA	999
YALL	EQUI	TIDAL ETF TRGOD BLESS AMER	Yes	Yes	0.00	0.00	1	1.00	Yes	No	YALL	999
YALL	OPTN	GOD BLESS AMERICA ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	YALL	999
YBIT	EQUI	TIDAL TR IYIELDMAX BITCOIN	Yes	Yes	0.00	0.00	1	1.00	Yes	No	YBIT	999
YBIT	OPTN	YIELDMAX BITCOIN OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	YBIT	999
YBTC	EQUI	ROUNDHILL BITCOIN COVERED CALL STRATEGY	Yes	Yes	0.00	0.00	1	1.00	Yes	No	YBTC	999
YBTC	OPTN	ROUNDHILL BITCOIN COVERED CALL STRATEGY	Yes	Yes	25.00	37.50	100	1.00	Yes	No	YBTC	999
YELP	EQUI	YELP Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	YELP	999
YELP	OPTN	Yelp Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	YELP	999
YETH	EQUI	ROUNDHILL ETF TRUSTETHER CVD CLL ST	Yes	Yes	0.00	0.00	1	1.00	Yes	No	YETH	999
YETH	OPTN	ROUNDHILL ETHER COVERED CALL STRATEGY	Yes	Yes	25.00	37.50	100	1.00	Yes	No	YETH	999
YETI	EQUI	YETI HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	YETI	999
YETI	OPTN	YETI HOLDINGS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	YETI	999
YEXT	EQUI	YEXT INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	YEXT	999
YEXT	OPTN	Yext, Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	YEXT	999
YI	EQUI	111 INCADS	Yes	Yes	0.00	0.00	1	1.00	No	No	YI	999
YI1	OPTN	111, INC. (1:10 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	YI	999
YLD	EQUI	PRINCIPAL EXCHANGE TRADED FDACTIVE HIGH YL	Yes	Yes	0.00	0.00	1	1.00	Yes	No	YLD	999
YLD	OPTN	PRINCIPAL ACTIVE HIGH YIELD ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	YLD	999
YMAB	EQUI	Y MABS THERAPEUTICS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	YMAB	999
YMAB	OPTN	Y-MABS THERAPEUTICS INC	Yes	Yes	25.00	37.50	100	1.00	No	No	YMAB	999
YMAG	EQUI	TIDAL TR IYIELDMAX MAGNIFI	Yes	Yes	0.00	0.00	1	1.00	Yes	No	YMAG	999
YMAG	OPTN	YIELDMAX MAGNIFICENT 7 FUND OF OPTION INCOME ETFS	Yes	Yes	25.00	37.50	100	1.00	Yes	No	YMAG	999
YMAX	EQUI	TIDAL TR IYIELDMAX UNIVERS	Yes	Yes	0.00	0.00	1	1.00	Yes	No	YMAX	999
YMAX	OPTN	YIELDMAX UNIVERSE FUND OF OPTION INCOME ETFS	Yes	Yes	25.00	37.50	100	1.00	Yes	No	YMAX	999
YMM	EQUI	FULL TRUCK ALLIANCE CO LTDSPONSORED ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	YMM	999
YMM	OPTN	FULL TRUCK ALLIANCE CO. LTD.	Yes	Yes	25.00	37.50	100	1.00	No	No	YMM	999
YOLO	EQUI	ADVISORSHARES PURE CANNABIS ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	YOLO	999
YOLO	OPTN	ADVISORSHARES PURE CANNABIS ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	YOLO	999
YORW	EQUI	The York Water Company	Yes	Yes	0.00	0.00	1	1.00	No	No	YORW	999
YORW	OPTN	The York Water Company	Yes	Yes	25.00	37.50	100	1.00	No	No	YORW	999
YOU	EQUI	CLEAR SECURE INCCOM CL A	Yes	Yes	0.00	0.00	1	1.00	No	No	YOU	999
YOU	OPTN	CLEAR SECURE, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	YOU	999
YPF	EQUI	YPF SA	Yes	Yes	0.00	0.00	1	1.00	No	No	YPF	999
YPF	OPTN	YPF S.A.	Yes	Yes	25.00	37.50	100	1.00	No	No	YPF	999
YPS	EQUI	ARROW INVTS CAP 500 ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	YPS	999
YQ	EQUI	17 ED & TECHNOLOGY GROUP INCADS	Yes	Yes	0.00	0.00	1	1.00	No	No	YQ	999
YQ	OPTN	17 EDUCATION & TECHNOLOGY GROUP, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	YQ	999
YQQQ	EQUI	TIDAL TR IYIELDMAX SHORT	Yes	Yes	0.00	0.00	1	1.00	Yes	No	YQQQ	999
YQQQ	OPTN	YIELDMAX SHORT N100 OPTION INCOME STRATEGY ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	YQQQ	999
YRD	EQUI	Yiren Digital Ltd.	Yes	Yes	0.00	0.00	1	1.00	No	No	YRD	999
YRD	OPTN	Yiren Digital Ltd.	Yes	Yes	25.00	37.50	100	1.00	No	No	YRD	999
YSG	EQUI	YATSEN HLDG LTDADS	Yes	Yes	0.00	0.00	1	1.00	No	No	YSG	999
YSG	OPTN	YATSEN HOLDING LTD. ADR CLASS A	Yes	Yes	25.00	37.50	100	1.00	No	No	YSG	999
YUM	EQUI	YUM BRANDS INC.	Yes	Yes	0.00	0.00	1	1.00	No	No	YUM	999
YUM	OPTN	YUM BRANDS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	YUM	999
2YUM	OPTN	YUM BRANDS, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	YUM	999
YUMC	EQUI	YUM CHINA HLDGS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	YUMC	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
YUMC	OPTN	Yum! China Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	YUMC	999
YYY	EQUI	Amplify ETF Trust Amplify High Income ETF	Yes	Yes	0.00	0.00	1	1.00	Yes	No	YYY	999
YYY	OPTN	AMPLIFY HIGH INCOME ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	YYY	999
Z	EQUI	ZILLOW GROUP INCCL C	Yes	Yes	0.00	0.00	1	1.00	No	No	Z	999
Z	OPTN	Zillow Group, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	Z	999
1Z	OPTN	Zillow Group, Inc. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	Z	999
2Z	OPTN	Zillow Group, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	Z	999
ZBH	EQUI	Zimmer Biomet Holdings, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ZBH	999
ZBH	OPTN	Zimmer Biomet Holdings, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ZBH	999
ZBRA	EQUI	ZEBRA TECHNOLOGIES CORP	Yes	Yes	0.00	0.00	1	1.00	No	No	ZBRA	999
ZBRA	OPTN	ZEBRA TECHNOLOGIES	Yes	Yes	25.00	37.50	100	1.00	No	No	ZBRA	999
2ZBRA	OPTN	ZEBRA TECHNOLOGIES (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ZBRA	999
ZD	EQUI	Ziff Davis, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ZD	999
ZD	OPTN	Ziff Davis, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ZD	999
ZDGE	EQUI	ZEDGE INCCL B	Yes	Yes	0.00	0.00	1	1.00	No	No	ZDGE	999
ZDGE	OPTN	ZEDGE INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ZDGE	999
ZENA	EQUI	ZENATECH INCCOM NEW	Yes	Yes	0.00	0.00	1	1.00	No	No	ZENA	999
ZENA	OPTN	ZENATECH, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ZENA	999
ZEPP	EQUI	Zepp Health Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	ZEPP	999
ZEPP	OPTN	Zepp Health Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	ZEPP	999
ZEPP1	OPTN	Zepp Health Corporation (1:4 Reverse Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	ZEPP	999
ZETA	EQUI	ZETA GLOBAL HOLDINGS CORPCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	ZETA	999
ZETA	OPTN	ZETA GLOBAL HOLDINGS CORP.	Yes	Yes	25.00	37.50	100	1.00	No	No	ZETA	999
ZEUS	EQUI	OLYMPIC STEEL INC	Yes	Yes	0.00	0.00	1	1.00	No	No	ZEUS	999
ZEUS	OPTN	OLYMPIC STEEL INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ZEUS	999
ZG	EQUI	Zillow Group, Inc. Class A Common Stock	Yes	Yes	0.00	0.00	1	1.00	No	No	ZG	999
ZG	OPTN	Zillow Group, Inc. Class A	Yes	Yes	25.00	37.50	100	1.00	No	No	ZG	999
ZGN	EQUI	ERMENEGILDO ZEGNA N VORD SHS	Yes	Yes	0.00	0.00	1	1.00	No	No	ZGN	999
ZGN	OPTN	ERMENEGILDO ZEGNA N.V.	Yes	Yes	25.00	37.50	100	1.00	No	No	ZGN	999
ZH	EQUI	ZHIHU INCADS	Yes	Yes	0.00	0.00	1	1.00	No	No	ZH	999
ZH	OPTN	ZHIHU INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ZH	999
ZHDG	EQUI	TIDAL ETF TRZEGA BUY AND HED	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ZHDG	999
ZHDG	OPTN	ZEGA BUY & HEDGE ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ZHDG	999
ZI	EQUI	ZoomInfo Technologies Inc	Yes	Yes	0.00	0.00	1	1.00	No	No	ZI	999
ZI	OPTN	ZoomInfo Technologies Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ZI	999
ZIM	EQUI	ZIM INTEGRATED SHIPPING SERVSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	ZIM	999
ZIM	OPTN	ZIM INTEGRATED SHIPPING SERVICE	Yes	Yes	25.00	37.50	100	1.00	No	No	ZIM	999
ZIMV	EQUI	ZIMVIE INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ZIMV	999
ZIMV	OPTN	ZIMVIE INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ZIMV	999
ZION	EQUI	ZIONS BANCORPORATION N.A.	Yes	Yes	0.00	0.00	1	1.00	No	No	ZION	999
ZION	OPTN	ZIONS BANCORP	Yes	Yes	25.00	37.50	100	1.00	No	No	ZION	999
ZIP	EQUI	ZIPRECRUITER INCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	ZIP	999
ZIP	OPTN	ZIPRECRUITER, INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ZIP	999
2ZIP	OPTN	ZIPRECRUITER, INC (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ZIP	999
ZK	EQUI	ZEEKR INTELLIGENT TECHNOLOGYS PON ADS	Yes	Yes	0.00	0.00	1	1.00	No	No	ZK	999
ZK	OPTN	ZEEKR INTELLIGENT TECHNOLOGY HOLDING LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	ZK	999
ZKIN	EQUI	ZK INTL GROUP CO LTDSHS	Yes	Yes	0.00	0.00	1	1.00	No	No	ZKIN	999
ZKIN1	OPTN	ZK INTERNATIONAL GROUP CO., LTD. (1:7 Rev Split)	Yes	Yes	25.00	37.50	100	1.00	No	No	ZKIN	999
ZLAB	EQUI	ZAI LAB LTDADR	Yes	Yes	0.00	0.00	1	1.00	No	No	ZLAB	999
ZLAB	OPTN	ZAI LAB LTD	Yes	Yes	25.00	37.50	100	1.00	No	No	ZLAB	999

RBH/CPM Included Products

Symbol	Product Type	Description	Product RBH Eligible	Product CPM Eligible	RBH Minimum Charge Per Contract	CPM Minimum Charge Per Contract	Contract Multiplier	Market Move Adjustment Factor	ETF	ETN	Class Group	Product Group
ZM	EQUI	Zoom Communications, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ZM	999
ZM	OPTN	Zoom Communications, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ZM	999
2ZM	OPTN	Zoom Communications, Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ZM	999
ZNTL	EQUI	ZENTALIS PHARMACEUTICALS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ZNTL	999
ZNTL	OPTN	ZENTALIS PHARMACEUTICALS, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ZNTL	999
ZS	EQUI	ZSCALER INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ZS	999
ZS	OPTN	ZSCALER, INC.	Yes	Yes	25.00	37.50	100	1.00	No	No	ZS	999
1ZS	OPTN	ZSCALER, INC. (AMER/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ZS	999
2ZS	OPTN	ZSCALER, INC. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ZS	999
ZTO	EQUI	ZTO EXPRESS CAYMAN INC ADR	Yes	Yes	0.00	0.00	1	1.00	No	No	ZTO	999
ZTO	OPTN	ZTO Express Cayman Inc ADR	Yes	Yes	25.00	37.50	100	1.00	No	No	ZTO	999
2ZTO	OPTN	ZTO Express Cayman Inc ADR (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ZTO	999
ZTS	EQUI	ZOETIS INCCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	ZTS	999
ZTS	OPTN	Zoetis Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ZTS	999
2ZTS	OPTN	Zoetis Inc. (EURO/FLEX)	Yes	Yes	25.00	37.50	100	1.00	No	No	ZTS	999
ZUMZ	EQUI	ZUMIEZ INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ZUMZ	999
ZUMZ	OPTN	ZUMIEZ INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ZUMZ	999
ZURA	EQUI	Zura Bio Limited	Yes	Yes	0.00	0.00	1	1.00	No	No	ZURA	999
ZURA	OPTN	ZURA BIO LIMITED	Yes	Yes	25.00	37.50	100	1.00	No	No	ZURA	999
ZVIA	EQUI	ZEVIA PBCCL A	Yes	Yes	0.00	0.00	1	1.00	No	No	ZVIA	999
ZVIA	OPTN	ZEVIA PBC	Yes	Yes	25.00	37.50	100	1.00	No	No	ZVIA	999
ZVRA	EQUI	Zevra Therapeutics, Inc.	Yes	Yes	0.00	0.00	1	1.00	No	No	ZVRA	999
ZVRA	OPTN	Zevra Therapeutics, Inc.	Yes	Yes	25.00	37.50	100	1.00	No	No	ZVRA	999
ZWS	EQUI	Zurn Elkay Water Solutions Corporation	Yes	Yes	0.00	0.00	1	1.00	No	No	ZWS	999
ZWS	OPTN	Zurn Elkay Water Solutions Corporation	Yes	Yes	25.00	37.50	100	1.00	No	No	ZWS	999
ZYME	EQUI	ZYMEWORKS INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ZYME	999
ZYME	OPTN	Zymeworks Inc	Yes	Yes	25.00	37.50	100	1.00	No	No	ZYME	999
ZYXI	EQUI	ZYNEX INCCOM	Yes	Yes	0.00	0.00	1	1.00	No	No	ZYXI	999
ZYXI	OPTN	ZYNEX INC	Yes	Yes	25.00	37.50	100	1.00	No	No	ZYXI	999
ZZZ	EQUI	ONEFUND TRUSTCYBER HORNET S&P	Yes	Yes	0.00	0.00	1	1.00	Yes	No	ZZZ	999
ZZZ	OPTN	CYBER HORNET S&P 500 AND BITCOIN 75 25 STRAT ETF	Yes	Yes	25.00	37.50	100	1.00	Yes	No	ZZZ	999