harsh6_fin556_algo_trading_symbols_homework

Automated NASDAQ ETP Scanner — Output and Source Code | GitHub: https://github.com/xecuterisaquant/fin556-etp-finder

Summary

Total matches: **566**

Category	Count
leveraged_single_stock_long	174
leveraged_index_long	135
leveraged_index_inverse	99
leveraged_single_stock_inverse	63
commodity_physical_trust	32
crypto_trust	32
crypto_futures	16
commodity_futures	15

Run metadata

```
source_url: https://www.nasdaqtrader.com/dynamic/SymDir/nasdaqtraded.txt
timestamp_chicago: 2025-10-07T10:39:33-05:00
records_count: 566
output_csv: outputs/2025-10-07/etp_candidates.csv
output_jsonl: outputs/2025-10-07/etp_candidates.jsonl
date_dir: 2025-10-07
```

Detected Symbols (Full List)

#	symbol	name	etp_type	category	reasons	timestamp
1	AAAU	Goldman Sachs Physical Gold ETF Shares	ETF	commodity_physical_trust	etf_flag_Y, type_etf, physical_keyword	2025-10-07T10:39:33-05:00
2	AALG	Leverage Shares 2X Long AAL Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
3	AAPB	GraniteShares 2x Long AAPL Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00

#	symbol	name	etp_type	category	reasons	timestamp
4	AAPD	Direxion Daily AAPL Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
5	AAPU	Direxion Daily AAPL Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
6	AAPX	ETF Opportunities Trust T-Rex 2X Long Apple Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
7	ADBG	Leverage Shares 2X Long ADBE Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
8	AETH	Bitwise Trendwise Ether and Treasuries Rotation Strategy ETF	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2025-10-07T10:39:33-05:00
9	AFRU	ETF Opportunities Trust T-REX 2X Long AFRM Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
10	AGQ	ProShares Ultra Silver	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
11	AIBD	Direxion Shares ETF Trust Direxion Daily AI and Big Data Bear 2X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
12	AIBU	Direxion Shares ETF Trust Direxion Daily AI and Big Data Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
13	AMDD	Direxion Daily AMD Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
14	AMDG	Leverage Shares 2X Long AMD Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
15	AMDL	GraniteShares 2x Long AMD Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
16	AMUU	Direxion Daily AMD Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
17	AMZD	Direxion Daily AMZN Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
18	AMZU	Direxion Daily AMZN Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
19	AMZZ	GraniteShares 2x Long AMZN Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
20	ANEL	Defiance Daily Target 2x Long ANET ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
21	APLX	Tradr 2X Long APLD Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
22	APPX	Tradr 2X Long APP Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
23	ARCX	Tradr 2X Long ACHR Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
24	ARMG	Leverage Shares 2X Long ARM Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
25	ARMU	ETF Opportunities Trust T-REX 2X Long ARM Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
26	ASMG	Leverage Shares 2X Long ASML Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
27	ASTX	Tradr 2X Long ASTS Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00

#	symbol	name	etp_type	category	reasons	timestamp
28	AVGG	Leverage Shares 2X Long AVGO Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
29	AVGU	GraniteShares 2x Long AVGO Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
30	AVGX	Defiance Daily Target 2X Long AVGO ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
31	AVL	Direxion Daily AVGO Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
32	AVS	Direxion Daily AVGO Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
33	AXUP	ETF Opportunities Trust T-REX 2X Long AXON Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
34	BABX	GraniteShares 2x Long BABA Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
35	BAGY	Amplify ETF Trust Amplify Bitcoin Max Income Covered Call ETF	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
36	BAIG	Leverage Shares 2X Long BBAI Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
37	BAR	GraniteShares Gold Trust Shares of Beneficial Interest	Trust	commodity_physical_trust	type_trust_with_commodity	2025-10-07T10:39:33-05:00
38	BBB	CYBER HORNET S&P; 500 and Bitcoin 75/25 Strategy ETF	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2025-10-07T10:39:33-05:00
39	BCOR	Grayscale Funds Trust Grayscale Bitcoin Adopters ETF	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
40	BDCX	ETRACS Quarterly Pay 1.5x Leveraged MarketVector BDC Liquid Index ETN due June 10, 2050	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2025-10-07T10:39:33-05:00
41	BEGS	Collaborative Investment Series Trust Rareview 2x Bull Cryptocurrency & Precious Metals ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
42	BERZ	MicroSectors FANG & Innovation -3x Inverse Leveraged ETN	ETN	leveraged_index_inverse	etf_flag_Y, type_etn_by_name, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
43	BFAP	First Trust Exchange-Traded Fund FT Vest Bitcoin Strategy Floor15 ETF April	Trust	crypto_futures	etf_flag_Y, type_trust_with_commodity, futures_keyword	2025-10-07T10:39:33-05:00
44	BFJL	First Trust Exchange-Traded Fund FT Vest Bitcoin Strategy Floor15 ETF July	Trust	crypto_futures	etf_flag_Y, type_trust_with_commodity, futures_keyword	2025-10-07T10:39:33-05:00
45	BFOC	First Trust Exchange-Traded Fund FT Vest Bitcoin Strategy Floor15 ETF - October	Trust	crypto_futures	etf_flag_Y, type_trust_with_commodity, futures_keyword	2025-10-07T10:39:33-05:00
46	BGLD	FT Vest Gold Strategy Quarterly Buffer ETF	ETF	commodity_futures	etf_flag_Y, type_etf, futures_keyword	2025-10-07T10:39:33-05:00
47	BIB	ProShares Ultra Nasdaq Biotechnology	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
48	BIS	ProShares UltraShort Nasdaq Biotechnology	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
49	BITC	Bitwise Trendwise Bitcoin and Treasuries Rotation Strategy ETF	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2025-10-07T10:39:33-05:00
50	BITI	ProShares Short Bitcoin ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2025-10-07T10:39:33-05:00
51	BITS	Global X Blockchain & Bitcoin Strategy ETF	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2025-10-07T10:39:33-05:00

#	symbol	name	etp_type	category	reasons	timestamp
52	BITU	ProShares Trust ProShares Ultra Bitcoin ETF	Trust	leveraged_index_long	etf_flag_Y, type_trust_with_commodity, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T1 0:39:33-05:00
53	BITX	Volatility Shares Trust 2x Bitcoin Strategy ETF	Trust	leveraged_index_long	etf_flag_Y, type_trust_with_commodity, leverage_context	2025-10-07T1 0:39:33-05:00
54	BKNU	ETF Opportunities Trust T-REX 2X Long BKNG Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
55	BMNU	ETF Opportunities Trust T-REX 2X Long BMNR Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
56	BNKD	Bank Of Montreal MicroSectors U.S. Big Banks -3 Inverse Leveraged ETNs due February 17, 2045	ETN	leveraged_index_inverse	etf_flag_Y, type_etn_by_name, inverse_context	2025-10-07T1 0:39:33-05:00
57	BOED	Direxion Daily BA Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
58	BOEG	Leverage Shares 2X Long BA Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
59	BOEU	Direxion Daily BA Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
60	BOIL	ProShares Ultra Bloomberg Natural Gas	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T1 0:39:33-05:00
61	BPI	Grayscale Funds Trust Grayscale Bitcoin Premium Income ETF	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T1 0:39:33-05:00
62	BRKD	Direxion Daily BRKB Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
63	BRKU	Direxion Daily BRKB Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
64	BRZU	Direxion Daily Brazil Bull 2X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T1 0:39:33-05:00
65	BTC	Grayscale Bitcoin Mini Trust (BTC) Common units of fractional undivided beneficial interest	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T1 0:39:33-05:00
66	BTCC	Grayscale Funds Trust Grayscale Bitcoin Covered Call ETF	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T1 0:39:33-05:00
67	BTCI	NEOS ETF Trust NEOS Bitcoin High Income ETF	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T1 0:39:33-05:00
68	BTCL	T-Rex 2X Long Bitcoin Daily Target ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T1 0:39:33-05:00
69	BTCZ	T-Rex 2X Inverse Bitcoin Daily Target ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T1 0:39:33-05:00
70	BTOP	Bitwise Trendwise BTC/ETH and Treasuries Rotation Strategy ETF	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2025-10-07T1 0:39:33-05:00
71	BTRN	Global X Funds Global X Bitcoin Trend Strategy ETF	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2025-10-07T1 0:39:33-05:00
72	BULG	Leverage Shares 2X Long BULL Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
73	BULU	ETF Opportunities Trust T-REX 2X Long BULL Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
74	BULX	GraniteShares 2x Long BULL Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
75	BULZ	MicroSectors FANG & Innovation 3x Leveraged ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2025-10-07T1 0:39:33-05:00

#	symbol	name	etp_type	category	reasons	timestamp
76	BZQ	ProShares UltraShort MSCI Brazil Capped	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
77	CARD	Bank Of Montreal MAX Auto Industry -3x Inverse Leveraged ETN	ETN	leveraged_index_inverse	etf_flag_Y, type_etn_by_name, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
78	CARU	Bank Of Montreal MAX Auto Industry 3x Leveraged ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2025-10-07T10:39:33-05:00
79	CBOA	Calamos ETF Trust Calamos Bitcoin Structured Alt Protection ETF - April	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
80	CBOJ	Calamos ETF Trust Calamos Bitcoin Structured Alt Protection ETF - January	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
81	CBOO	Calamos ETF Trust Calamos Bitcoin Structured Alt Protection ETF - October	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
82	CBOY	Calamos ETF Trust Calamos Bitcoin Structured Alt Protection ETF - July	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
83	CBTA	Calamos ETF Trust Calamos Bitcoin 80 Series Structured Alt Protection ETF - April	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
84	CBTJ	Calamos ETF Trust Calamos Bitcoin 80 Series Structured Alt Protection ETF - January	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
85	CBTO	Calamos ETF Trust Calamos Bitcoin 80 Series Structured Alt Protection ETF - October	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
86	CBTY	Calamos ETF Trust Calamos Bitcoin 80 Series Structured Alt Protection ETF - July	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
87	CBXA	Calamos ETF Trust Calamos Bitcoin 90 Series Structured Alt Protection ETF - April	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
88	CBXJ	Calamos ETF Trust Calamos Bitcoin 90 Series Structured Alt Protection ETF - January	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
89	CBXO	Calamos ETF Trust Calamos Bitcoin 90 Series Structured Alt Protection ETF - October	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
90	CBXY	Calamos ETF Trust Calamos Bitcoin 90 Series Structured Alt Protection ETF - July	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
91	CCUP	ETF Opportunities Trust T-REX 2X Long CRCL Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
92	CEF	Sprott Physical Gold and Silver Trust Units	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity, physical_keyword	2025-10-07T10:39:33-05:00
93	CEFD	ETRACS Monthly Pay 1.5X Leveraged Closed-End Fund Index ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2025-10-07T10:39:33-05:00
94	CEGX	Tradr 2X Long CEG Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
95	CHAU	Direxion Daily CSI 300 China A Share Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
96	CLIX	ProShares Long Online/Short Stores ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2025-10-07T10:39:33-05:00
97	CLSE	Trust for Professional Managers Convergence Long/Short Equity ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2025-10-07T10:39:33-05:00
98	CLSX	Investment Managers Series Trust II Tradr 2X Long CLSK Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
99	COIA	ProShares Trust ProShares Ultra COIN	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00

#	symbol	name	etp_type	category	reasons	timestamp
100	COIG	Leverage Shares 2X Long COIN Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
101	COIO	Themes ETF Trust Leverage Shares 2x Capped Accelerated COIN Monthly ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
102	CONI	GraniteShares 2x Short COIN Daily ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
103	CONL	GraniteShares 2x Long COIN Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
104	COPA	Themes ETF Trust Themes Copper Miners ETF	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
105	CORD	ETF Opportunities Trust T-REX 2X Inverse CRWV Daily Target ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
106	CORX	Volatility Shares Trust 2x Corn ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
107	COTG	Leverage Shares 2X Long COST Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
108	CPXR	Tidal Trust III USCF Daily Target 2X Copper Index ETF	Trust	leveraged_index_long	etf_flag_Y, type_trust_with_commodity, leverage_context	2025-10-07T10:39:33-05:00
109	CPZ	Calamos Long/Short Equity & Dynamic Income Trust - Closed End Fund	ETF	leveraged_index_inverse	inverse_context	2025-10-07T10:39:33-05:00
110	CRCA	ProShares Trust ProShares Ultra CRCL	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
111	CRCD	ETF Opportunities Trust T-REX 2X Inverse CRCL Daily Target ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
112	CRCG	Leverage Shares 2X Long CRCL Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
113	CRDU	Investment Managers Series Trust II Tradr 2X Long CRDO Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
114	CRMG	Leverage Shares 2X Long CRM Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
115	CRSH	Tidal Trust II YieldMax Short TSLA Option Income Strategy ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
116	CRWG	Leverage Shares 2X Long CRWV Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
117	CRWL	GraniteShares 2x Long CRWD Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
118	CRWU	ETF Opportunities Trust T-REX 2X Long CRWV Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
119	CSCL	Direxion Daily CSCO Bull 2X ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
120	CSCS	Direxion Daily CSCO Bear 1X ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
121	CURE	Direxion Daily Healthcare Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
122	CVNX	Defiance Daily Target 2X Long CVNA ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
123	CVSB	Morgan Stanley ETF Trust Calvert Ultra-Short Investment Grade ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2025-10-07T10:39:33-05:00

#	symbol	name	etp_type	category	reasons	timestamp
124	CWEB	Direxion Daily CSI China Internet Index Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
125	CWVX	Tradr 2X Long CRWV Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
126	CXRN	Listed Funds Trust Teucrium 2x Daily Corn ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
127	DDM	ProShares Ultra Dow30	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
128	DEFI	Tidal Commodities Trust I Hashdex Bitcoin ETF	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
129	DFEN	Direxion Daily Aerospace & Defense Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
130	DFII	First Trust Exchange-Traded Fund FT Vest Bitcoin Strategy & Target Income ETF	Trust	crypto_futures	etf_flag_Y, type_trust_with_commodity, futures_keyword	2025-10-07T10:39:33-05:00
131	DGZ	DB Gold Short ETN due February 15, 2038	ETN	leveraged_single_stock_inverse	type_etn_by_name, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
132	DIG	ProShares Ultra Energy	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
133	DIPS	Tidal Trust II YieldMax Short NVDA Option Income Strategy ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
134	DJTU	ETF Opportunities Trust T-REX 2X Long DJT Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
135	DKNX	Defiance Daily Target 2X Long DKNG ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
136	DKUP	ETF Opportunities Trust T-REX 2X Long DKNG Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
137	DLLL	GraniteShares 2x Long DELL Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
138	DOG	ProShares Short Dow30	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2025-10-07T10:39:33-05:00
139	DOGD	Tradr 2X Long DDOG Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
140	DPST	Direxion Daily Regional Banks Bull 3X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
141	DRIP	Direxion Daily S&P; Oil & Gas Exp. & Prod. Bear 2X Shares	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
142	DRN	Direxion Daily Real Estate Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
143	DRV	Direxion Daily Real Estate Bear 3X Shares	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
144	DUG	ProShares UltraShort Energy	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
145	DULL	Bank Of Montreal MicroSectors Gold -3X Inverse Leveraged ETNs due January 29, 2043	ETN	leveraged_index_inverse	etf_flag_Y, type_etn_by_name, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
146	DUSL	Direxion Daily Industrials Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
147	DUST	Direxion Daily Gold Miners Index Bear 2X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00

#	symbol	name	etp_type	category	reasons	timestamp
148	DWSH	AdvisorShares Dorsey Wright Short ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
149	DXD	ProShares UltraShort Dow30	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
150	DZZ	DB Gold Double Short ETN due February 15, 2038	ETN	leveraged_single_stock_inverse	type_etn_by_name, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
151	EDC	Direxion Emerging Markets Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
152	EDZ	Direxion Emerging Markets Bear 3X Shares	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
153	EET	ProShares Ultra MSCI Emerging Markets	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
154	EEV	ProShares UltraShort MSCI Emerging Markets	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
155	EFO	ProShares Ultra MSCI EAFE	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
156	EFU	ProShares UltraShort MSCI EAFE	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
157	EFZ	ProShares Short MSCI EAFE	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
158	EHLS	Even Herd Long Short ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
159	ELIL	Direxion Daily LLY Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
160	ELIS	Direxion Daily LLY Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
161	ENPX	Investment Managers Series Trust II Tradr 2X Long ENPH Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
162	EPV	ProShares UltraShort FTSE Europe ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
163	ERX	Direxion Energy Bull 2X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
164	ERY	Direxion Daily Energy Bear 2X Shares	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
165	ETCO	Grayscale Funds Trust Grayscale Ethereum Covered Call ETF	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
166	ETH	Grayscale Ethereum Mini Trust (ETH) Common units of fractional undivided beneficial interest	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
167	ETHA	iShares Ethereum Trust - iShares Ethereum Trust ETF	Trust	crypto_trust	type_trust_with_commodity	2025-10-07T10:39:33-05:00
168	ETHD	ProShares Trust ProShares UltraShort Ether ETF	Trust	leveraged_index_inverse	etf_flag_Y, type_trust_with_commodity, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
169	ETHE	Grayscale Ethereum Trust (ETH) Common units of fractional undivided beneficial interest	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
170	ETHT	ProShares Trust ProShares Ultra Ether ETF	Trust	leveraged_index_long	etf_flag_Y, type_trust_with_commodity, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00

#	symbol	name	etp_type	category	reasons	timestamp
171	ETHU	Volatility Shares Trust 2x Ether ETF	Trust	leveraged_index_long	etf_flag_Y, type_trust_with_commodity, leverage_context	2025-10-07T10:39:33-05:00
172	ETQ	T-Rex 2X Inverse Ether Daily Target ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
173	ETRL	GraniteShares 2x Long ETOR Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
174	ETU	T-Rex 2X Long Ether Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
175	EUM	ProShares Short MSCI Emerging Markets	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
176	EUO	ProShares UltraShort Euro	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
177	EURL	Direxion Daily FTSE Europe Bull 3x Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
178	EVAV	Direxion Shares ETF Trust Direxion Daily Electric and Autonomous Vehicles Bull 2X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
179	EWV	ProShares UltraShort MSCI Japan	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
180	EZBC	Franklin Templeton Digital Holdings Trust Shares of Franklin Bitcoin ETF	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
181	EZJ	ProShares Ultra MSCI Japan	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
182	FAS	Direxion Financial Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
183	FAZ	Direxion Financial Bear 3X Shares	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
184	FBL	GraniteShares 2x Long META Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
185	FCG	First Trust Natural Gas ETF	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
186	FFLS	Northern Lights Fund Trust II The Future Fund Long/Short ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
187	FGDL	Franklin Templeton Holdings Trust Franklin Responsibly Sourced Gold ETF	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
188	FIAT	Tidal Trust II YieldMax Short COIN Option Income Strategy ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
189	FLYD	Bank of Montreal MicroSectors Travel -3x Inverse Leveraged ETN	ETN	leveraged_index_inverse	etf_flag_Y, type_etn_by_name, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
190	FLYU	Bank of Montreal MicroSectors Travel 3x Leveraged ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2025-10-07T10:39:33-05:00
191	FNGD	MicroSectors FANG Index -3X Inverse Leveraged ETNs due January 8, 2038	ETN	leveraged_index_inverse	type_etn_by_name, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
192	FNGG	Direxion Daily NYSE FANG+ Bull 2X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
193	FNGO	MicroSectors FANG Index 2X Leveraged ETNs due January 8, 2038	ETN	leveraged_index_long	type_etn_by_name, leverage_context	2025-10-07T10:39:33-05:00
194	FNGU	Bank Of Montreal MicroSectors FANG+ 3X Leveraged ETNs	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2025-10-07T10:39:33-05:00

#	symbol	name	etp_type	category	reasons	timestamp
195	FRDD	Direxion Daily F Bear 1X ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
196	FRDU	Direxion Daily F Bull 2X ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
197	FTLS	First Trust Long/Short Equity	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2025-10-07T10:39:33-05:00
198	FTXN	First Trust Nasdaq Oil & Gas ETF	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
199	FXP	ProShares Ultrashort FTSE China 50	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
200	GBTC	Grayscale Bitcoin Trust (BTC) Common Units of fractional undivided beneficial interest	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
201	GDE	WisdomTree Trust WisdomTree Efficient Gold Plus Equity Strategy Fund	Trust	commodity_futures	etf_flag_Y, type_trust_with_commodity, futures_keyword	2025-10-07T10:39:33-05:00
202	GDMN	WisdomTree Trust WisdomTree Efficient Gold Plus Gold Miners Strategy Fund	Trust	commodity_futures	etf_flag_Y, type_trust_with_commodity, futures_keyword	2025-10-07T10:39:33-05:00
203	GDXD	MicroSectors Gold Miners -3X Inverse Leveraged ETNs	ETN	leveraged_index_inverse	etf_flag_Y, type_etn_by_name, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
204	GDXU	MicroSectors Gold Miners 3X Leveraged ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2025-10-07T10:39:33-05:00
205	GDXY	Tidal Trust II YieldMax Gold Miners Option Income Strategy ETF	Trust	commodity_futures	etf_flag_Y, type_trust_with_commodity, futures_keyword	2025-10-07T10:39:33-05:00
206	GEVX	Tradr 2X Long GEV Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
207	GGLL	Direxion Daily GOOGL Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
208	GGLS	Direxion Daily GOOGL Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
209	GGN	GAMCO Global Gold, Natural Resources & Income Trust	Trust	commodity_physical_trust	type_trust_with_commodity	2025-10-07T10:39:33-05:00
210	GGN$B	GAMCO Global Gold, Natural Reources & Income Trust 5.00% Series B Cumulative 25.00 Liquidation Preference	Trust	commodity_physical_trust	type_trust_with_commodity	2025-10-07T10:39:33-05:00
211	GLD	SPDR Gold Trust	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
212	GLDM	SPDR Gold MiniShares Trust	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
213	GLGG	Leverage Shares 2X Long GLXY Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
214	GLL	ProShares UltraShort Gold	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
215	GLXU	ETF Opportunities Trust T-REX 2X Long GLXY Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
216	GMEU	ETF Opp Tr T-REX 2X Long GME Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
217	GNT	GAMCO Natural Resources, Gold & Income Trust	Trust	commodity_physical_trust	type_trust_with_commodity	2025-10-07T10:39:33-05:00
218	GOLY	Strategy Shares Gold Enhanced Yield ETF	ETF	commodity_futures	etf_flag_Y, type_etf, futures_keyword	2025-10-07T10:39:33-05:00

#	symbol	name	etp_type	category	reasons	timestamp
219	GOOX	ETF Opportunities Trust T-Rex 2X Long Alphabet Daily Target ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
220	GSX	Investment Managers Series Trust II Tradr 2X Long GS Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
221	GUSH	Direxion Daily S&P; Oil & Gas Exp. & Prod. Bull 2X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
222	HBTC	Listed Funds Trust Fortuna Hedged Bitcoin Fund	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
223	HDGE	Ranger Equity Bear Bear ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2025-10-07T10:39:33-05:00
224	HFEQ	Tidal Trust I Unlimited HFEQ Equity Long/Short ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
225	HIBL	Direxion Daily S&P; 500 High Beta Bull 3X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
226	HIBS	Direxion Daily S&P; 500 High Beta Bear 3X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
227	HIMZ	Defiance Daily Target 2X Long HIMS ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
228	HODL	VanEck Bitcoin Trust Common Shares of Beneficial Interest	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
229	HOOG	Leverage Shares 2X Long HOOD Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
230	HOOX	Defiance Daily Target 2X Long HOOD ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
231	IAU	iShares Gold Trust Shares of the iShares Gold Trust	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
232	IAUI	NEOS ETF Trust NEOS Gold High Income ETF	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
233	IAUM	iShares Gold Trust Micro Shares	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
234	IBIT	iShares Bitcoin Trust ETF - iShares Bitcoin Trust ETF	Trust	crypto_trust	type_trust_with_commodity	2025-10-07T10:39:33-05:00
235	IETH	Bitwise Funds Trust Bitwise Ethereum Option Income Strategy ETF	Trust	crypto_futures	etf_flag_Y, type_trust_with_commodity, futures_keyword	2025-10-07T10:39:33-05:00
236	IGLD	FT Vest Gold Strategy Target Income ETF	ETF	commodity_futures	etf_flag_Y, type_etf, futures_keyword	2025-10-07T10:39:33-05:00
237	INDL	Direxion Daily MSCI India Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
238	INTW	GraniteShares 2x Long INTC Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
239	IONL	GraniteShares 2x Long IONQ Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
240	IONX	Defiance Daily Target 2X Long IONQ ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
241	IONZ	Defiance Daily Target 2x Short IONQ ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
242	ISUL	GraniteShares 2x Long ISRG Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00

#	symbol	name	etp_type	category	reasons	timestamp
243	IWDL	ETRACS 2x Leveraged US Value Factor TR ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2025-10-07T1 0:39:33-05:00
244	IWFL	ETRACS 2x Leveraged US Growth Factor TR ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2025-10-07T1 0:39:33-05:00
245	IWML	ETRACS 2x Leveraged US Size Factor TR ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2025-10-07T1 0:39:33-05:00
246	JDST	Direxion Daily Junior Gold Miners Index Bear 2X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
247	JETD	Bank Of Montreal MAX Airlines -3X Inverse Leveraged ETNs	ETN	leveraged_index_inverse	etf_flag_Y, type_etn_by_name, leverage_context, inverse_context	2025-10-07T1 0:39:33-05:00
248	JETU	Bank Of Montreal MAX Airlines 3X Leveraged ETNs	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2025-10-07T1 0:39:33-05:00
249	JNUG	Direxion Daily Junior Gold Miners Index Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
250	JOBX	Tradr 2X Long JOBY Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
251	JPX	Defiance Daily Target 2X Long JPM ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
252	KBAB	KraneShares 2x Long BABA Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
253	KGLD	Kurv ETF Trust Kurv Gold Enhanced Income ETF	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T1 0:39:33-05:00
254	KMLI	KraneShares 2x Long MELI Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
255	KOLD	ProShares UltraShort Bloomberg Natural Gas	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_ minus2x, implied_multiplier_2x	2025-10-07T1 0:39:33-05:00
256	KORU	Direxion Daily South Korea Bull 3X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
257	KPDD	KraneShares 2x Long PDD Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
258	KSLV	Kurv ETF Trust Kurv Silver Enhanced Income ETF	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T1 0:39:33-05:00
259	KTUP	ETF Opportunities Trust T-REX 2X Long KTOS Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
260	LABD	Direxion Daily S&P; Biotech Bear 3X Shares	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T1 0:39:33-05:00
261	LABU	Direxion Daily S&P; Biotech Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T1 0:39:33-05:00
262	LABX	Tradr 2X Long ALAB Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
263	LBAY	Leatherback Long/Short Alternative Yield ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2025-10-07T1 0:39:33-05:00
264	LCDL	GraniteShares 2x Long LCID Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
265	LLYX	Tidal Trust II Defiance Daily Target 2X Long LLY ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
266	LLYZ	Defiance Daily Target 2X Short LLY ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T1 0:39:33-05:00

#	symbol	name	etp_type	category	reasons	timestamp
267	LMBO	Direxion Shares ETF Trust Direxion Daily Crypto Industry Bull 2X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T1 0:39:33-05:00
268	LMTL	Direxion Daily LMT Bull 2X ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
269	LMTS	Direxion Daily LMT Bear 1X ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
270	LRCU	Tradr 2X Long LRCX Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
271	LSEQ	Harbor ETF Trust Harbor Long-Short Equity ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2025-10-07T1 0:39:33-05:00
272	LTL	ProShares Ultra Communication Services	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T1 0:39:33-05:00
273	MAGX	Roundhill Daily 2X Long Magnificent Seven ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T1 0:39:33-05:00
274	MAXI	Simplify Bitcoin Strategy PLUS Income ETF	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2025-10-07T1 0:39:33-05:00
275	MDBX	Tradr 2X Long MDB Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
276	METD	Direxion Daily META Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
277	METU	Direxion Daily META Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
278	MEXX	Direxion Daily MSCI Mexico Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T1 0:39:33-05:00
279	MIDU	Direxion Mid Cap Bull 3X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
280	MLPR	ETRACS Quarterly Pay 1.5X Leveraged Alerian MLP Index ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2025-10-07T1 0:39:33-05:00
281	MNRS	Grayscale Funds Trust Grayscale Bitcoin Miners ETF	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T1 0:39:33-05:00
282	MQQQ	Tradr 2X Long Innovation 100 Monthly ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T1 0:39:33-05:00
283	MRAL	GraniteShares 2x Long MARA Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
284	MSDD	GraniteShares 2x Short MSTR Daily ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
285	MSFD	Direxion Daily MSFT Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
286	MSFL	GraniteShares 2x Long MSFT Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
287	MSFU	Direxion Daily MSFT Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
288	MSFX	ETF Opportunities Trust T-Rex 2X Long Microsoft Daily Target ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T1 0:39:33-05:00
289	MSOO	Themes ETF Trust Leverage Shares 2x Capped Accelerated MSTR Monthly ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T1 0:39:33-05:00
290	MSTP	GraniteShares 2x Long MSTR Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00

#	symbol	name	etp_type	category	reasons	timestamp
291	MSTU	ETF Opportunities Trust T-Rex 2X Long MSTR Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
292	MSTX	Defiance Daily Target 2x Long MSTR ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
293	MSTZ	ETF Opportunities Trust T-Rex 2X Inverse MSTR Daily Target ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T1 0:39:33-05:00
294	MTUL	ETRACS 2x Leveraged MSCI US Momentum Factor TR ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2025-10-07T1 0:39:33-05:00
295	MUD	Direxion Daily MU Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
296	MULL	GraniteShares 2x Long MU Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
297	MUU	Direxion Daily MU Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
298	MVLL	GraniteShares 2x Long MRVL Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
299	MVO	MV Oil Trust Units of Beneficial Interests	Trust	commodity_physical_trust	type_trust_with_commodity	2025-10-07T1 0:39:33-05:00
300	MVRL	ETRACS Monthly Pay 1.5X Leveraged Mortgage REIT ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2025-10-07T1 0:39:33-05:00
301	MVV	ProShares Ultra MidCap400	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T1 0:39:33-05:00
302	MYY	ProShares Short MidCap400	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2025-10-07T1 0:39:33-05:00
303	MZZ	ProShares UltraShort MidCap400	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T1 0:39:33-05:00
304	NAIL	Direxion Daily Homebuilders & Supplies Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T1 0:39:33-05:00
305	NBIL	GraniteShares 2x Long NBIS Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
306	NEBX	Tradr 2X Long NBIS Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
307	NFLU	ETF Opportunities Trust T-Rex 2X Long NFLX Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
308	NFXL	Direxion Daily NFLX Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
309	NFXS	Direxion Daily NFLX Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
310	NOWL	GraniteShares 2x Long NOW Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
311	NRGD	Bank Of Montreal MicroSectors U.S. Big Oil -3 Inverse Leveraged ETNs due February 17, 2045	ETN	leveraged_index_inverse	etf_flag_Y, type_etn_by_name, inverse_context	2025-10-07T1 0:39:33-05:00
312	NRT	North European Oil Royalty Trust Common Stock	Trust	commodity_physical_trust	type_trust_with_commodity	2025-10-07T1 0:39:33-05:00
313	NUGT	Direxion Daily Gold Miners Index Bull 2XShares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T1 0:39:33-05:00
314	NVD	GraniteShares 2x Short NVDA Daily ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T1 0:39:33-05:00

#	symbol	name	etp_type	category	reasons	timestamp
315	NVDB	ProShares Trust ProShares Ultra NVDA	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T1 0:39:33-05:00
316	NVDD	Direxion Daily NVDA Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
317	NVDG	Leverage Shares 2X Long NVDA Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
318	NVDL	GraniteShares 2x Long NVDA Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
319	NVDO	Themes ETF Trust Leverage Shares 2x Capped Accelerated NVDA Monthly ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T1 0:39:33-05:00
320	NVDQ	ETF Opportunities Trust T-Rex 2X Inverse NVIDIA Daily Target ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T1 0:39:33-05:00
321	NVDS	Tradr 1.5X Short NVDA Daily ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
322	NVDU	Direxion Daily NVDA Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
323	NVDX	ETF Opportunities Trust T-Rex 2X Long NVIDIA Daily Target ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T1 0:39:33-05:00
324	NVOX	Tidal Trust II Defiance Daily Target 2X Long NVO ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
325	NVTX	Tradr 2X Long NVTS Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
326	OILD	MicroSectors Oil & Gas Exp. & Prod. -3x Inverse Leveraged ETN	ETN	leveraged_index_inverse	etf_flag_Y, type_etn_by_name, leverage_context, inverse_context	2025-10-07T1 0:39:33-05:00
327	OILT	Texas Capital Funds Trust Texas Capital Texas Oil Index ETF	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T1 0:39:33-05:00
328	OILU	MicroSectors Oil & Gas Exp. & Prod. 3x Leveraged ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2025-10-07T1 0:39:33-05:00
329	OKLL	Defiance Daily Target 2x Long OKLO ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
330	ORCX	Defiance Daily Target 2X Long ORCL ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
331	ORR	Militia Long/Short Equity ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2025-10-07T1 0:39:33-05:00
332	OSCX	Defiance Daily Target 2x Long OSCR ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
333	OWNB	Bitwise Funds Trust Bitwise Bitcoin Standard Corporations ETF	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T1 0:39:33-05:00
334	PALD	Direxion Daily PANW Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
335	PALL	abrdn Physical Palladium Shares ETF	ETF	commodity_physical_trust	etf_flag_Y, type_etf, physical_keyword	2025-10-07T1 0:39:33-05:00
336	PALU	Direxion Daily PANW Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
337	PANG	Leverage Shares 2X Long PANW Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
338	PDDL	GraniteShares 2x Long PDD Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00

#	symbol	name	etp_type	category	reasons	timestamp
339	PHYS	Sprott Physical Gold Trust ETV	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity, physical_keyword	2025-10-07T10:39:33-05:00
340	PILL	Direxion Daily Pharmaceutical & Medical Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
341	PLOO	Themes ETF Trust Leverage Shares 2x Capped Accelerated PLTR Monthly ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
342	PLTA	ProShares Trust ProShares Ultra PLTR	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
343	PLTD	Direxion Daily PLTR Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
344	PLTG	Leverage Shares 2X Long PLTR Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
345	PLTU	Direxion Daily PLTR Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
346	PLTZ	Defiance Daily Target 2x Short PLTR ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
347	PONX	Investment Managers Series Trust II Tradr 2X Long PONY Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
348	PPLT	abrdn Physical Platinum Shares ETF	ETF	commodity_physical_trust	etf_flag_Y, type_etf, physical_keyword	2025-10-07T10:39:33-05:00
349	PSLV	Sprott Physical Silver Trust ETV	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity, physical_keyword	2025-10-07T10:39:33-05:00
350	PSQ	ProShares Short QQQ	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
351	PST	ProShares UltraShort Lehman 7-10 Year Treasury	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
352	PTIR	GraniteShares 2x Long PLTR Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
353	PULT	Putnam ETF Trust Putnam ESG Ultra Short ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
354	PXIU	ETF Opportunities Trust T-REX 2X Long UPXI Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
355	PYPG	Leverage Shares 2X Long PYPL Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
356	QBER	Elevation Series Trust TrueShares Quarterly Bear Hedge ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2025-10-07T10:39:33-05:00
357	QBF	Innovator ETFs Trust Innovator Uncapped Bitcoin 20 Floor ETF - Quarterly	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
358	QBTX	Tradr 2X Long QBTS Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
359	QBTZ	Defiance Daily Target 2x Short QBTS ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
360	QCMD	Direxion Daily QCOM Bear 1X ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
361	QCML	GraniteShares 2x Long QCOM Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
362	QCMU	Direxion Daily QCOM Bull 2X ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00

#	symbol	name	etp_type	category	reasons	timestamp
363	QID	ProShares UltraShort QQQ	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
364	QLD	ProShares Ultra QQQ	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
365	QPUX	Defiance 2X Daily Long Pure Quantum ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
366	QQDN	ProShares UltraShort Top QQQ	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
367	QQQD	Direxion Daily Magnificent 7 Bear 1X Shares	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
368	QQQP	Tradr 2X Long Innovation 100 Quarterly ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
369	QQQU	Direxion Daily Magnificent 7 Bull 2X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
370	QQUP	ProShares Ultra Top QQQ	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
371	QQXL	ProShares Ultra QQQ Top 30	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
372	QUBX	Tradr 2X Long QUBT Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
373	QULL	ETRACS 2x Leveraged MSCI US Quality Factor TR ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2025-10-07T10:39:33-05:00
374	RBLU	ETF Opportunities Trust T-REX 2X Long RBLX Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
375	RDTL	GraniteShares 2x Long RDDT Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
376	REK	ProShares Short Real Estate	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
377	REKT	Direxion Shares ETF Trust Direxion Daily Crypto Industry Bear 1X Shares	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
378	RETL	Direxion Daily Retail Bull 3X Shares ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
379	REW	ProShares UltraShort Technology	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
380	RGTU	Tradr 2X Long RGTI Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
381	RGTX	Defiance Daily Target 2X Long RGTI ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
382	RIOX	Tidal Trust II Defiance Daily Target 2X Long RIOT ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
383	RKLX	Defiance Daily Target 2X Long RKLB ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
384	ROBN	ETF Opportunities Trust T-Rex 2X Long HOOD Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
385	ROM	ProShares Ultra Technology	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
386	RSSX	Tidal Trust II Return Stacked U.S. Stocks & Gold/Bitcoin ETF	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00

#	symbol	name	etp_type	category	reasons	timestamp
387	RTXG	Leverage Shares 2X Long RTX Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
388	RVNL	GraniteShares 2x Long RIVN Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
389	RWM	ProShares Short Russell2000	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2025-10-07T1 0:39:33-05:00
390	RXD	ProShares UltraShort Health Care	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_ minus2x, implied_multiplier_2x	2025-10-07T1 0:39:33-05:00
391	RXL	ProShares Ultra Health Care	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T1 0:39:33-05:00
392	SAA	ProShares Ultra SmallCap600	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T1 0:39:33-05:00
393	SARK	Tradr 1X Short Innovation Daily ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2025-10-07T1 0:39:33-05:00
394	SBB	ProShares Short SmallCap600	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2025-10-07T1 0:39:33-05:00
395	SBIT	ProShares Trust ProShares UltraShort Bitcoin ETF	Trust	leveraged_index_inverse	etf_flag_Y, type_trust_with_commodity, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T1 0:39:33-05:00
396	SCC	ProShares UltraShort Consumer Discretionary	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_ minus2x, implied_multiplier_2x	2025-10-07T1 0:39:33-05:00
397	SCDL	ETRACS 2x Leveraged US Dividend Factor TR ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2025-10-07T1 0:39:33-05:00
398	SCO	ProShares UltraShort Bloomberg Crude Oil	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_ minus2x, implied_multiplier_2x	2025-10-07T1 0:39:33-05:00
399	SDD	ProShares UltraShort SmallCap600	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_ minus2x, implied_multiplier_2x	2025-10-07T1 0:39:33-05:00
400	SDOW	UltraPro Short Dow30	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_ultrapro_implies_3x, inverse_keyword_under_brand, implied_multiplier_3x	2025-10-07T1 0:39:33-05:00
401	SDP	ProShares UltraShort Utilities	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_ minus2x, implied_multiplier_2x	2025-10-07T1 0:39:33-05:00
402	SDS	ProShares UltraShort S&P500;	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_ minus2x, implied_multiplier_2x	2025-10-07T1 0:39:33-05:00
403	SEF	ProShares Short Financials	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2025-10-07T1 0:39:33-05:00
404	SETH	ProShares Short Ether ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
405	SGOL	abrdn Physical Gold Shares ETF	ETF	commodity_physical_trust	etf_flag_Y, type_etf, physical_keyword	2025-10-07T1 0:39:33-05:00
406	SH	ProShares Short S&P500;	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
407	SHNY	Bank Of Montreal MicroSectors Gold 3X Leveraged ETNs due January 29, 2043	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2025-10-07T1 0:39:33-05:00
408	SHPD	Direxion Daily SHOP Bear 1X ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T1 0:39:33-05:00
409	SHPU	Direxion Daily SHOP Bull 2X ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T1 0:39:33-05:00

#	symbol	name	etp_type	category	reasons	timestamp
410	SHRT	Gotham Short Strategies ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2025-10-07T10:39:33-05:00
411	SHYD	VanEck ETF Trust VanEck Short High Yield Muni ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
412	SIJ	ProShares UltraShort Industrials	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
413	SILJ	Amplify ETF Trust Amplify Junior Silver Miners ETF	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
414	SIVR	abrdn Physical Silver Shares ETF	ETF	commodity_physical_trust	etf_flag_Y, type_etf, physical_keyword	2025-10-07T10:39:33-05:00
415	SJB	ProShares Short High Yield	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
416	SKF	ProShares UltraShort Financials	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
417	SKRE	Tuttle Capital Daily 2X Inverse Regional Banks ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
418	SKYU	ProShares Ultra Cloud Computing	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
419	SLON	ProShares Trust ProShares Ultra Solana ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
420	SLTY	Tidal Trust II YieldMax Ultra Short Option Income Strategy ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2025-10-07T10:39:33-05:00
421	SLV	iShares Silver Trust	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
422	SLVR	Sprott Silver Miners & Physical Silver ETF	ETF	commodity_physical_trust	etf_flag_Y, type_etf, physical_keyword	2025-10-07T10:39:33-05:00
423	SMCL	GraniteShares 2x Long SMCI Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
424	SMCX	Defiance Daily Target 2X Long SMCI ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
425	SMCZ	Defiance Daily Target 2X Short SMCI ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
426	SMDD	UltraPro Short MidCap400	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_ultrapro_implies_3x, inverse_keyword_under_brand, implied_multiplier_3x	2025-10-07T10:39:33-05:00
427	SMHB	ETRACS Monthly Pay 2x Leveraged Small Cap High Dividend ETN Series B	ETN	leveraged_index_long	type_etn_by_name, leverage_context	2025-10-07T10:39:33-05:00
428	SMN	ProShares UltraShort Materials	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
429	SMST	Defiance Daily Target 2x Short MSTR ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
430	SMU	Tradr 2X Long SMR Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
431	SMUP	ETF Opportunities Trust T-REX 2X Long SMR Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
432	SNOU	ETF Opp Tr T-REX 2X Long SNOW Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
433	SOFX	Defiance Daily Target 2X Long SOFI ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00

#	symbol	name	etp_type	category	reasons	timestamp
434	SOLT	2x Solana ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
435	SOUX	Defiance Daily Target 2X Long SOUN ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
436	SOXL	Direxion Daily Semiconductor Bull 3x Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
437	SOXS	Direxion Daily Semiconductor Bear 3x Shares	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
438	SPBC	Simplify US Equity PLUS Bitcoin Strategy ETF	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2025-10-07T10:39:33-05:00
439	SPDN	Direxion Daily S&P; 500 Bear 1X Shares	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
440	SPPP	Sprott Physical Platinum and Palladium Trust	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity, physical_keyword	2025-10-07T10:39:33-05:00
441	SPUU	Direxion Daily S&P; 500 Bull 2X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
442	SPXL	Direxion Daily S&P; 500 Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
443	SPXS	Direxion Daily S&P; 500 Bear 3X	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
444	SPXU	ProShares UltraPro Short S&P500;	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, brand_ultrapro_implies_3x, inverse_keyword_under_brand, implied_multiplier_3x	2025-10-07T10:39:33-05:00
445	SPYQ	Tradr 2X Long SPY Quarterly ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
446	SPYU	Bank Of Montreal MAX S&P; 500 4X Leveraged ETNs due October 30, 2043	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2025-10-07T10:39:33-05:00
447	SQQQ	ProShares UltraPro Short QQQ	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, brand_ultrapro_implies_3x, inverse_keyword_under_brand, implied_multiplier_3x	2025-10-07T10:39:33-05:00
448	SRS	ProShares UltraShort Real Estate	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
449	SRTY	ProShares UltraPro Short Russell2000	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_ultrapro_implies_3x, inverse_keyword_under_brand, implied_multiplier_3x	2025-10-07T10:39:33-05:00
450	SSG	ProShares UltraShort Semiconductors	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
451	SSO	ProShares Ultra S&P500;	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
452	SVIX	VS TR -1x Short VIX Futures ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
453	SVXY	ProShares Short VIX Short Term Futures ETF	ETF	commodity_futures	etf_flag_Y, type_etf, futures_keyword	2025-10-07T10:39:33-05:00
454	SZK	ProShares UltraShort Consumer Staples	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
455	TARK	Tradr 2X Long Innovation ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
456	TBF	ProShares Short 20+ Year Treasury	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2025-10-07T10:39:33-05:00
457	TBT	ProShares UltraShort Lehman 20 Year Treasury	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00

#	symbol	name	etp_type	category	reasons	timestamp
458	TBX	ProShares Short 7 10 Year Treasury	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2025-10-07T10:39:33-05:00
459	TBXU	Direxion Shares ETF Trust Direxion Daily Biotech Top 5 Bull 2X ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
460	TECL	Direxion Technology Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
461	TECS	Direxion Technology Bear 3X Shares	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
462	TEMT	Tradr 2X Long TEM Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
463	TEXU	Direxion Shares ETF Trust Direxion Daily Energy Top 5 Bull 2X ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
464	TMF	Direxion Daily 20-Yr Treasury Bull 3x Shrs	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
465	TMV	Direxion Daily 20-Year Treasury Bear 3X	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
466	TNA	Direxion Small Cap Bull 3X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
467	TOAK	Manager Directed Portfolios Twin Oak Short Horizon Absolute Return ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2025-10-07T10:39:33-05:00
468	TPOR	Direxion Daily Transportation Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
469	TQQQ	ProShares UltraPro QQQ	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_ultrapro_implies_3x, implied_multiplier_3x	2025-10-07T10:39:33-05:00
470	TSDD	GraniteShares 2x Short TSLA Daily ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
471	TSLG	Leverage Shares 2X Long TSLA Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
472	TSLI	ProShares Trust ProShares Ultra TSLA	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
473	TSLL	Direxion Daily TSLA Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
474	TSLO	Themes ETF Trust Leverage Shares 2x Capped Accelerated TSLA Monthly ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
475	TSLQ	Tradr 2X Short TSLA Daily ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
476	TSLR	GraniteShares 2x Long TSLA Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
477	TSLS	Direxion Daily TSLA Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
478	TSLT	ETF Opportunities Trust T-REX 2X Long Tesla Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
479	TSLZ	ETF Opportunities Trust T-Rex 2X Inverse Tesla Daily Target ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
480	TSMG	Leverage Shares 2X Long TSM Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
481	TSMU	GraniteShares 2x Long TSM Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00

#	symbol	name	etp_type	category	reasons	timestamp
482	TSMX	Direxion Daily TSM Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
483	TSMZ	Direxion Daily TSM Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
484	TSXD	Direxion Shares ETF Trust Direxion Daily Semiconductors Top 5 Bear 2X ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
485	TSXU	Direxion Shares ETF Trust Direxion Daily Semiconductors Top 5 Bull 2X ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
486	TTDU	ETF Opportunities Trust T-REX 2X Long TTD Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
487	TTT	ProShares UltraPro Short 20 Year Treasury	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_ultrapro_implies_3x, inverse_keyword_under_brand, implied_multiplier_3x	2025-10-07T10:39:33-05:00
488	TTXD	Direxion Shares ETF Trust Direxion Daily Technology Top 5 Bear 2X ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
489	TTXU	Direxion Shares ETF Trust Direxion Daily Technology Top 5 Bull 2X ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
490	TWM	ProShares UltraShort Russell2000	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
491	TYD	Direxion Daily 10-Yr Treasury Bull 3x Shrs	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
492	TYO	Direxion Daily 10-Yr Treasury Bear 3x Shrs	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
493	TZA	Direxion Small Cap Bear 3X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
494	UBOT	Direxion Daily Robotics, Artificial Intelligence & Automation Index Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
495	UBR	ProShares Ultra MSCI Brazil Capped	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
496	UBRL	GraniteShares 2x Long UBER Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
497	UBT	ProShares Ultra 20+ Year Treasury	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
498	UCC	ProShares Ultra Consumer Discretionary	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
499	UCO	ProShares Ultra Bloomberg Crude Oil	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
500	UCYB	ProShares Ultra Nasdaq Cybersecurity	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
501	UDOW	ProShares UltraPro Dow30	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_ultrapro_implies_3x, implied_multiplier_3x	2025-10-07T10:39:33-05:00
502	UGE	ProShares Ultra Consumer Staples	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
503	UGL	ProShares Ultra Gold	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
504	UJB	ProShares Ultra High Yield ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
505	ULE	ProShares Ultra Euro	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00

#	symbol	name	etp_type	category	reasons	timestamp
506	UMDD	UltraPro MidCap400	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_ultrapro_implies_3x, implied_multiplier_3x	2025-10-07T10:39:33-05:00
507	UNHG	Leverage Shares 2X Long UNH Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
508	UNX	Investment Managers Series Trust II Tradr 2X Long U Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
509	UPRO	ProShares UltraPro S&P; 500	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_ultrapro_implies_3x, implied_multiplier_3x	2025-10-07T10:39:33-05:00
510	UPSX	Tradr 2X Long UPST Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
511	UPV	ProShares Ultra FTSE Europe	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
512	UPW	ProShares Ultra Utilities	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
513	URAA	Direxion Shares ETF Trust Direxion Daily Uranium Industry Bull 2X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
514	URE	ProShares Ultra Real Estate	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
515	URSP	ProShares Trust ProShares Ultra S&P; 500 Equal Weight	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
516	URTY	ProShares UltraPro Russell2000	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_ultrapro_implies_3x, implied_multiplier_3x	2025-10-07T10:39:33-05:00
517	USD	ProShares Ultra Semiconductors	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
518	USG	USCF Gold Strategy Plus Income Fund	ETF	commodity_futures	etf_flag_Y, type_etf, futures_keyword	2025-10-07T10:39:33-05:00
519	USML	ETRACS 2x Leveraged MSCI US Minimum Volatility Factor TR ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2025-10-07T10:39:33-05:00
520	USNG	Amplify ETF Trust Amplify Samsung U.S. Natural Gas Infrastructure ETF	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
521	UST	ProShares Ultra 7-10 Year Treasury	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
522	UTSL	Direxion Daily Utilities Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
523	UVIX	VS TR 2x Long VIX Futures ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
524	UVXY	ProShares Trust Ultra VIX Short Term Futures ETF	Trust	commodity_futures	etf_flag_Y, type_trust_with_commodity, futures_keyword	2025-10-07T10:39:33-05:00
525	UWM	ProShares Ultra Russell2000	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
526	UXI	ProShares Ultra Industrials	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
527	UXRP	ProShares Trust ProShares Ultra XRP ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
528	UYG	ProShares Ultra Financials	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
529	UYM	ProShares Ultra Materials	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00

#	symbol	name	etp_type	category	reasons	timestamp
530	VIXM	ProShares Trust VIX Mid-Term Futures ETF	Trust	commodity_futures	etf_flag_Y, type_trust_with_commodity, futures_keyword	2025-10-07T10:39:33-05:00
531	VIXY	ProShares Trust VIX Short-Term Futures ETF	Trust	commodity_futures	etf_flag_Y, type_trust_with_commodity, futures_keyword	2025-10-07T10:39:33-05:00
532	VOYX	Tradr 2X Long VOYG Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
533	VRTL	GraniteShares 2x Long VRT Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
534	VSTL	Defiance Daily Target 2X Long VST ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
535	VXX	iPath Series B S&P; 500 VIX Short-Term Futures ETN	ETN	commodity_futures	type_etn_by_name, futures_keyword	2025-10-07T10:39:33-05:00
536	VXZ	iPath Series B S&P; 500 VIX Mid-Term Futures ETN	ETN	commodity_futures	type_etn_by_name, futures_keyword	2025-10-07T10:39:33-05:00
537	VYLD	J P Morgan Chase & Co Inverse VIX Short-Term Futures ETNs due March 22, 2045	ETN	commodity_futures	etf_flag_Y, type_etn_by_name, futures_keyword	2025-10-07T10:39:33-05:00
538	WANT	Direxion Daily Consumer Discretionary Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
539	WEBL	Direxion Daily Dow Jones Internet Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
540	WEBS	Direxion Daily Dow Jones Internet Bear 3X Shares	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
541	WHTX	Volatility Shares Trust 2x Wheat ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
542	WILD	Tidal Trust III VistaShares Animal Spirits Daily 2X Strategy ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
543	WNTR	Tidal Trust II YieldMax MSTR Short Option Income Strategy ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2025-10-07T10:39:33-05:00
544	WTID	Bank Of Montreal MicroSectors Energy 3X Inverse Leveraged ETNs	ETN	leveraged_index_inverse	etf_flag_Y, type_etn_by_name, leverage_context, inverse_context	2025-10-07T10:39:33-05:00
545	WTIU	Bank Of Montreal MicroSectors Energy 3X Leveraged ETNs	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2025-10-07T10:39:33-05:00
546	WXET	Listed Funds Trust Teucrium 2x Daily Wheat ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
547	XES	SPDR Series Trust SPDR S&P; Oil & Gas Equipment & Services ETF	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity	2025-10-07T10:39:33-05:00
548	XOMX	Direxion Daily XOM Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
549	XOMZ	Direxion Daily XOM Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
550	XPP	ProShares Ultra FTSE China 50	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
551	XRPT	Volatility Shares Trust XRP 2X ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2025-10-07T10:39:33-05:00
552	XXCH	Direxion Shares ETF Trust Direxion Daily MSCI Emerging Markets ex China Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
553	XXRP	Listed Funds Trust Teucrium 2x Long Daily XRP ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00

#	symbol	name	etp_type	category	reasons	timestamp
554	XYZG	Leverage Shares 2X Long XYZ Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
555	YANG	Direxion Daily FTSE China Bear 3x Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
556	YBIT	Tidal Trust II YieldMax Bitcoin Option Income Strategy ETF	Trust	crypto_futures	etf_flag_Y, type_trust_with_commodity, futures_keyword	2025-10-07T10:39:33-05:00
557	YBTC	Roundhill ETF Trust Roundhill Bitcoin Covered Call Strategy ETF	Trust	crypto_futures	etf_flag_Y, type_trust_with_commodity, futures_keyword	2025-10-07T10:39:33-05:00
558	YCL	ProShares Ultra Yen	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
559	YCS	ProShares UltraShort Yen New	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
560	YETH	Roundhill ETF Trust Roundhill Ether Covered Call Strategy ETF	Trust	crypto_futures	etf_flag_Y, type_trust_with_commodity, futures_keyword	2025-10-07T10:39:33-05:00
561	YGLD	Simplify Exchange Traded Funds Simplify Gold Strategy PLUS Income ETF	ETF	commodity_futures	etf_flag_Y, type_etf, futures_keyword	2025-10-07T10:39:33-05:00
562	YINN	Direxion Daily FTSE China Bull 3x Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00
563	YQQQ	YieldMax Short N100 Option Income Strategy ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2025-10-07T10:39:33-05:00
564	YXI	ProShares Short FTSE China 50	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2025-10-07T10:39:33-05:00
565	ZSL	ProShares UltraShort Silver	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2025-10-07T10:39:33-05:00
566	ZYN	Defiance Daily Target 2x Long PM ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2025-10-07T10:39:33-05:00

Source Code (Full Listing)

Note: lines are wrapped for readability.

src/constants.py

```python
import re

# Source URL for nasdaqtraded.txt
NASDAQ_TRADED_URL = "https://www.nasdaqtrader.com/dynamic/SymDir/nasdaqtraded.txt"

# Core regex snippets (compiled once)
LEVERAGE_NUM = re.compile(r"\b(?:1\.5|2|3|4)x\b", re.IGNORECASE)
INVERSE = re.compile(r"\b(?:-1x|-2x|inverse|short|bear)\b", re.IGNORECASE)
BRAND_CTX = re.compile(r"(?:\bultrapro\b|\bproshares\s+ultra\b|\bdirexion\s+daily\b)", re.IGNORECASE)
BULL_BEAR = re.compile(r"\b(?:bull|bear)\b", re.IGNORECASE)

# Expanded duration/credit/cash exclusions to prevent false inverse triggers
EXCL_SHORT_DURATION = re.compile(
    r"\b(?:ultra\s*short|short[-\s]?)"
    r"(?:term|duration|maturit(?:y|ies)|treasury|t-?bill|muni|municipal|"
    r"government|gov(?:'t)?|corp(?:orate)?|bond|fixed\s*income|income|cash|money\s*market)\b",
    re.IGNORECASE
)

COMMODITY =
re.compile(r"\b(gold|silver|platinum|palladium|oil|crude|brent|wti|natural\s+gas|nat\s+gas|vix|bitcoin|btc|ether|ethereum|copper)\b",
re.IGNORECASE)
FUTURES = re.compile(r"\bfutures?\b|\bfront-?month\b|\bfutures?\s+strategy\b|\bstrategy\b", re.IGNORECASE)
TRUST = re.compile(r"\btrust\b", re.IGNORECASE)
EXCL_GOLDMAN = re.compile(r"\bgold(?!man)\b", re.IGNORECASE)
ETN = re.compile(r"\betns?\b|\bexchange-?traded\s+notes?\b|\bnotes?\s+due\b", re.IGNORECASE)
ETF_WORD = re.compile(r"\betf(s)?\b", re.IGNORECASE)

# Brand-only leverage inference
ULTRAPRO = re.compile(r"\bultrapro\b", re.IGNORECASE)              # implies 3x family
PRO_ULTRA = re.compile(r"\bproshares\s+ultra\b", re.IGNORECASE)  # implies 2x long unless inverse tokens
present
PRO_ULTRASHORT = re.compile(r"\bproshares\s+ultrashort\b", re.IGNORECASE)  # implies -2x inverse

# Single-stock cues
SINGLE_STOCK_PATTERNS = [
    re.compile(r"\bdaily\s+([A-Z]{1,5})\s+(bull|bear)\b", re.IGNORECASE),
    re.compile(r"\b(?:long|short)\s+([A-Z]{1,5})\b", re.IGNORECASE),
    re.compile(r"\b([A-Z]{1,5})\b\s+(?:bull|bear)\s+(?:1x|2x|3x|-1x|-2x)\b", re.IGNORECASE),
    re.compile(r"\b([A-Z]{1,5})\)\s*(?:bull|bear)", re.IGNORECASE),
]

EXPECTED_COLUMNS = [
    "Nasdaq Traded","Symbol","Security Name","Listing Exchange","Market Category",
    "ETF","Round Lot Size","Test Issue","Financial Status","CQS Symbol",
    "NASDAQ Symbol","NextShares"
]
```

src/detectors.py

```
from __future__ import annotations
from typing import Dict, List, Tuple, Optional
import re
from . import constants as C


def _norm(s: str) -> str:
    return re.sub(r"\s+", " ", s or "").strip()


def _lower(s: str) -> str:
    return _norm(s).lower()


def _has(pattern: re.Pattern, text: str) -> bool:
    return bool(pattern.search(text))


def _single_stock_hint(name: str) -> bool:
    for pat in C.SINGLE_STOCK_PATTERNS:
        if pat.search(name):
            return True
    return False


def _is_inverse_context(name: str) -> bool:
    # Treat inverse only when not a duration/cash context
    if C.INVERSE.search(name):
        if C.EXCL_SHORT_DURATION.search(name):
            # Allow if explicit -1x/-2x or 'bear' appears outside duration context
            if re.search(r"\b(?:-1x|-2x|bear)\b", name, re.IGNORECASE):
                return True
            return False
        return True
    return False


def _is_leverage_context(name: str) -> bool:
    if C.LEVERAGE_NUM.search(name):
        return True
    # 'Ultra' alone is not sufficient; require brand + bull/bear or numeric x
    if C.BRAND_CTX.search(name) and (C.BULL_BEAR.search(name) or C.LEVERAGE_NUM.search(name)):
        return True
    return False


def _brand_implies_leverage(name: str) -> Tuple[bool, Optional[int], bool, List[str]]:
    """Return (hit, implied_mult, inverse_flag, reasons)."""
    reasons: List[str] = []
    implied_mult = None
    inverse = False
    hit = False

    if C.ULTRAPRO.search(name):
        hit = True
        implied_mult = 3
        reasons.append("brand_ultrapro_implies_3x")
    if C.PRO_ULTRA.search(name):
        hit = True
        implied_mult = 2
        reasons.append("brand_proshares_ultra_implies_2x")
    if C.PRO_ULTRASHORT.search(name):
        hit = True
        implied_mult = 2
        inverse = True
        reasons.append("brand_proshares_ultrashort_implies_minus2x")

    # If any brand hit, check for inverse tokens unless already set
    if hit and not inverse:
```

```python
        if re.search(r"\b(inverse|ultra\s*short|short|bear)\b", name, re.IGNORECASE) and not
        C.EXCL_SHORT_DURATION.search(name):
            inverse = True
            reasons.append("inverse_keyword_under_brand")

    return hit, implied_mult, inverse, reasons

def _commodity_hit(name: str) -> bool:
    if "goldman" in name:
        return bool(re.search(r"\bgold(?!man)\b", name, re.IGNORECASE)) or bool(C.COMMODITY.search(name))
    return bool(C.COMMODITY.search(name))

def detect(name: str, row: Dict[str, str]) -> Tuple[bool, Optional[str], List[str], Optional[str]]:
    """
    Returns: (matched, category, reasons, etp_type)
    """
    reasons: List[str] = []
    raw_name = name
    name = _lower(name)

    # Global pre-filters
    etp_flag = (row.get("ETF", "").upper() == "Y")
    if etp_flag:
        reasons.append("etf_flag_Y")
    has_trust = _has(C.TRUST, name)
    has_etn = _has(C.ETN, name)
    has_etf_word = _has(C.ETF_WORD, name)

    plausible_etp = etp_flag or has_trust or has_etn or has_etf_word
    if not plausible_etp:
        return (False, None, [], None)

    # Determine etp_type
    etp_type = None
    if has_etn:
        etp_type = "ETN"
        reasons.append("type_etn_by_name")
    elif has_trust and _commodity_hit(name):
        etp_type = "Trust"
        reasons.append("type_trust_with_commodity")
    elif etp_flag or has_etf_word:
        etp_type = "ETF"
        reasons.append("type_etf")

    # Brand-only leverage inference first (to catch UltraPro/Ultra/UltraShort families)
    brand_hit, implied_mult, brand_inverse, brand_reasons = _brand_implies_leverage(name)
    if brand_hit:
        reasons.extend(brand_reasons)
        is_inverse = brand_inverse or _is_inverse_context(name)
        # Decide single-stock vs index by heuristic
        if _single_stock_hint(raw_name):
            cat = "leveraged_single_stock_inverse" if is_inverse else "leveraged_single_stock_long"
        else:
            cat = "leveraged_index_inverse" if is_inverse else "leveraged_index_long"
        reasons.append(f"implied_multiplier_{implied_mult}x" if implied_mult else
        "implied_multiplier_unknown")
        return (True, cat, reasons, etp_type or "ETF")

    # Category 1: Leverage/Inverse via explicit tokens
    is_leverage = _is_leverage_context(name)
    is_inverse = _is_inverse_context(name)
    if is_leverage or is_inverse:
```

```python
        if _single_stock_hint(raw_name):
            cat = "leveraged_single_stock_inverse" if is_inverse else "leveraged_single_stock_long"
            if is_leverage: reasons.append("leverage_context")
            if is_inverse: reasons.append("inverse_context")
            reasons.append("single_stock_detected")
            return (True, cat, reasons, etp_type or "ETF")
        else:
            cat = "leveraged_index_inverse" if is_inverse else "leveraged_index_long"
            if is_leverage: reasons.append("leverage_context")
            if is_inverse: reasons.append("inverse_context")
            return (True, cat, reasons, etp_type or "ETF")

    # Category 2: Futures-based commodity/crypto
    if _commodity_hit(name) and _has(C.FUTURES, name):
        if re.search(r"\b(bitcoin|btc|ether|ethereum)\b", name, re.IGNORECASE):
            cat = "crypto_futures"
        else:
            cat = "commodity_futures"
        reasons.append("futures_keyword")
        return (True, cat, reasons, etp_type or ("ETN" if has_etn else "ETF"))

    # Category 3: Physically-backed commodity/crypto trusts/ETFs
    if has_trust and _commodity_hit(name):
        if re.search(r"\b(physical(ly)?|bullion|bars?)\b", name, re.IGNORECASE):
            reasons.append("physical_keyword")
        if re.search(r"\b(bitcoin|btc|ether|ethereum)\b", name, re.IGNORECASE):
            cat = "crypto_trust"
        else:
            cat = "commodity_physical_trust"
        return (True, cat, reasons, etp_type or "Trust")

    # Also allow physically-backed ETFs (non-trust) with explicit physical/bullion wording
    if _commodity_hit(name) and re.search(r"\b(physical(ly)?|bullion|bars?)\b", name, re.IGNORECASE):
        reasons.append("physical_keyword")
        if re.search(r"\b(bitcoin|btc|ether|ethereum)\b", name, re.IGNORECASE):
            cat = "crypto_trust"
        else:
            cat = "commodity_physical_trust"
        return (True, cat, reasons, etp_type or "ETF")

    return (False, None, [], etp_type)
```

src/io_utils.py

```python
from __future__ import annotations
import csv, io, requests, datetime, os, json
from typing import List, Dict, Iterable
from dateutil import tz

from .constants import NASDAQ_TRADED_URL, EXPECTED_COLUMNS

def fetch_nasdaq_traded(
    url: str = NASDAQ_TRADED_URL,
    timeout: int = 30,
    outdir: str = "outputs",
    date_dir: str | None = None,   # <- NEW: folder name like "YYYY-MM-DD"
) -> List[Dict[str, str]]:
    """Download nasdaqtraded.txt, save a raw snapshot in outdir/date_dir, and return parsed rows."""
    r = requests.get(url, timeout=timeout)
    r.raise_for_status()
```

```python
        # Decide which date folder to use for the raw snapshot
        if date_dir is None:
            # Default to Chicago date to match the rest of the outputs
            chi = tz.gettz("America/Chicago")
            date_dir = datetime.datetime.now(chi).date().isoformat()

        raw_dir = os.path.join(outdir or "outputs", date_dir)
        os.makedirs(raw_dir, exist_ok=True)
        raw_path = os.path.join(raw_dir, "nasdaqtraded_raw.txt")
        with open(raw_path, "w", encoding="utf-8") as rf:
            rf.write(r.text)

        # Parse the file
        content = r.text.splitlines()
        header = content[0].split('|')
        if header[0].strip() not in ("Nasdaq Traded", "Nasdaq Traded\xef\xbb\xbf"):
            for i, line in enumerate(content):
                parts = line.split('|')
                if len(parts) >= 5 and parts[0].strip() in ("Nasdaq Traded", "Nasdaq Traded\xef\xbb\xbf"):
                    header = parts
                    content = content[i:]
                    break

        rows: List[Dict[str, str]] = []
        for line in content[1:]:
            if line.startswith("File Creation Time"):
                break
            parts = line.split('|')
            if len(parts) < len(header):
                parts += [""] * (len(header) - len(parts))
            row = {header[i].strip(): parts[i].strip() if i < len(parts) else "" for i in range(len(header))}
            rows.append(row)
        return rows

def chicago_timestamp() -> str:
    tz_chi = tz.gettz("America/Chicago")
    return datetime.datetime.now(tz_chi).replace(microsecond=0).isoformat()


def ensure_dir(path: str) -> None:
    os.makedirs(path, exist_ok=True)


def write_csv(path: str, records: List[Dict[str, str]], fieldnames: List[str]) -> None:
    ensure_dir(os.path.dirname(path))
    with open(path, "w", newline="", encoding="utf-8") as f:
        w = csv.DictWriter(f, fieldnames=fieldnames)
        w.writeheader()
        for rec in records:
            w.writerow(rec)


def write_jsonl(path: str, records: List[Dict[str, str]]) -> None:
    ensure_dir(os.path.dirname(path))
    with open(path, "w", encoding="utf-8") as f:
        for rec in records:
            f.write(json.dumps(rec, ensure_ascii=False) + "\n")
```

src/pdf_report.py

```python
from __future__ import annotations
from typing import List, Dict
```

```python
import os, textwrap
from reportlab.lib.pagesizes import LETTER, landscape
from reportlab.lib import colors
from reportlab.lib.styles import getSampleStyleSheet, ParagraphStyle
from reportlab.platypus import SimpleDocTemplate, Paragraph, Spacer, LongTable, Table, TableStyle, PageBreak,
XPreformatted
from reportlab.lib.units import inch

MONO = "Courier"

def _header_footer(canvas, doc):
    canvas.saveState()
    w, h = landscape(LETTER)
    canvas.setFont("Helvetica", 8)
    canvas.drawString(0.6 * inch, 0.4 * inch, "FIN556 ETP Scanner — Generated Report")
    canvas.drawRightString(w - 0.6 * inch, 0.4 * inch, f"Page {doc.page}")
    canvas.restoreState()

def _section_title(text: str):
    return Paragraph(f"{text}", getSampleStyleSheet()["Heading2"])

def _h3(text: str):
    return Paragraph(f"{text}", getSampleStyleSheet()["Heading3"])

def build_assignment_pdf(
    out_pdf_path: str,
    netid: str,
    records: List[Dict[str, str]],
    code_paths: List[str],
    run_meta: Dict[str, str],
):
    # Single, consistent page size across the whole document
    PAGE_SIZE = landscape(LETTER)
    doc = SimpleDocTemplate(
        out_pdf_path,
        pagesize=PAGE_SIZE,
        leftMargin=36, rightMargin=36, topMargin=48, bottomMargin=42
    )

    styles = getSampleStyleSheet()
    styles.add(ParagraphStyle(name="Mono", fontName=MONO, fontSize=7.2, leading=8.2, wordWrap="CJK"))
    styles.add(ParagraphStyle(name="Small", fontSize=9, leading=11))
    styles.add(ParagraphStyle(name="Wrap", fontSize=7.6, leading=8.8, wordWrap="CJK"))
    styles.add(ParagraphStyle(name="WrapMono", fontName=MONO, fontSize=7.2, leading=8.2, wordWrap="CJK"))

    story = []
    story.append(Paragraph(f"{netid}_fin556_algo_trading_symbols_homework", styles["Title"]))
    story.append(Spacer(1, 4))
    story.append(Paragraph("Automated NASDAQ ETP Scanner — Output and Source Code | GitHub:
https://github.com/xecuterisaquant/fin556-etp-finder", styles["Italic"]))
    story.append(Spacer(1, 10))

    # Summary
    story.append(_section_title("Summary"))
    story.append(Paragraph(f"Total matches: {len(records)}", styles["BodyText"]))
    story.append(Spacer(1, 6))

    # Category counts
    cats = {}
    for r in records:
        cats[r.get("category","unknown")] = cats.get(r.get("category","unknown"), 0) + 1
    if cats:
```

```python
        summary_rows = [["Category", "Count"]] + [[k, v] for k, v in sorted(cats.items(), key=lambda x:
        (-x[1], x[0]))]
        t = Table(summary_rows, colWidths=[4.0*inch, 1.0*inch])
        t.setStyle(TableStyle([
            ("BACKGROUND", (0,0), (-1,0), colors.HexColor("#f1f3f5")),
            ("GRID", (0,0), (-1,-1), 0.25, colors.HexColor("#ced4da")),
            ("FONTNAME", (0,0), (-1,0), "Helvetica-Bold"),
            ("ALIGN", (1,1), (-1,-1), "RIGHT"),
            ("FONTSIZE", (0,0), (-1,-1), 9),
            ("VALIGN", (0,0), (-1,-1), "MIDDLE"),
        ]))
        story.append(t)

    # Run metadata
    story.append(Spacer(1, 10))
    story.append(_section_title("Run metadata"))
    meta_lines = [f"{k}: {v}" for k, v in run_meta.items()]
    story.append(XPreformatted("\n".join(meta_lines), styles["Mono"]))
    story.append(Spacer(1, 8))

    # Detected symbols table (ALL columns wrapped; includes serial #)
    story.append(_section_title("Detected Symbols (Full List)"))
    header = ["#", "symbol", "name", "etp_type", "category", "reasons", "timestamp"]
    table_data = [header]

    for i, r in enumerate(records, start=1):
        idx = Paragraph(str(i), styles["Wrap"])
        symbol = Paragraph(str(r.get("symbol","")), styles["Wrap"])
        name = Paragraph(str(r.get("name","")), styles["Wrap"])
        etp_type = Paragraph(str(r.get("etp_type","")), styles["Wrap"])
        category = Paragraph(str(r.get("category","")), styles["Wrap"])
        reasons = r.get("reasons", [])
        if isinstance(reasons, list):
            reasons_txt = ", ".join(reasons)
        else:
            reasons_txt = str(reasons)
        reasons_para = Paragraph(reasons_txt, styles["Wrap"])
        timestamp = Paragraph(str(r.get("timestamp","")), styles["Wrap"])
        table_data.append([idx, symbol, name, etp_type, category, reasons_para, timestamp])

    # === FIT TABLE TO PAGE WIDTH (no overflow) ===
    # Use exact fractions of doc.width so the table ALWAYS fits within margins.
    # Fractions sum to 1.0 → widths sum to doc.width (≈ 10 inches on landscape Letter with 0.5" margins).
    fractions = [
        0.03,  # #
        0.09,  # symbol
        0.30,  # name
        0.08,  # etp_type
        0.14,  # category
        0.28,  # reasons
        0.08,  # timestamp
    ]
    avail = doc.width  # width between margins
    col_widths = [avail * f for f in fractions]

    lt = LongTable(table_data, colWidths=col_widths, repeatRows=1, splitByRow=1)
    lt.setStyle(TableStyle([
        ("BACKGROUND", (0,0), (-1,0), colors.HexColor("#f1f3f5")),
        ("GRID", (0,0), (-1,-1), 0.25, colors.HexColor("#ced4da")),
        ("FONTNAME", (0,0), (-1,0), "Helvetica-Bold"),
        ("FONTSIZE", (0,0), (-1,-1), 7.6),
        ("VALIGN", (0,0), (-1,-1), "TOP"),
```

```
            ("LEFTPADDING", (0,0), (-1,-1), 3),
            ("RIGHTPADDING", (0,0), (-1,-1), 3),
            ("TOPPADDING", (0,0), (-1,-1), 1.5),
            ("BOTTOMPADDING", (0,0), (-1,-1), 1.5),
        ]))
    story.append(lt)

    # Code listing
    story.append(PageBreak())
    story.append(_section_title("Source Code (Full Listing)"))
    story.append(Paragraph("Note: lines are wrapped for readability.", styles["Small"]))
    story.append(Spacer(1, 6))

    wrap_width = 110  # soft wrap for code blocks on landscape pages
    for p in code_paths:
        story.append(_h3(os.path.relpath(p)))
        with open(p, "r", encoding="utf-8") as f:
            code = f.read()
        wrapped_lines = []
        for line in code.splitlines():
            if len(line) <= wrap_width:
                wrapped_lines.append(line)
            else:
                indent = len(line) - len(line.lstrip(" "))
                prefix = " " * indent
                chunks = textwrap.wrap(
                    line.rstrip("\n"),
                    width=wrap_width,
                    subsequent_indent=prefix,
                    break_long_words=False,
                    break_on_hyphens=False
                )
                wrapped_lines.extend(chunks)
        wrapped_code = "\n".join(wrapped_lines)
        story.append(XPreformatted(wrapped_code, styles["Mono"]))
        story.append(Spacer(1, 8))

    doc.build(story, onFirstPage=_header_footer, onLaterPages=_header_footer)
```

src/main.py

```
from __future__ import annotations
import argparse, os, sys, json
from typing import List, Dict

from .io_utils import fetch_nasdaq_traded, chicago_timestamp, write_csv, write_jsonl
from .detectors import detect
from . import constants as C
from .pdf_report import build_assignment_pdf

ASSIGNMENT_DEFAULT_URL = C.NASDAQ_TRADED_URL

def parse_args():
    ap = argparse.ArgumentParser(description="ETP scanner for NASDAQ nasdaqtraded.txt")
    ap.add_argument("--source-url", default=ASSIGNMENT_DEFAULT_URL, help="URL to nasdaqtraded.txt")
    ap.add_argument("--outdir", default="outputs", help="Base output directory")
    ap.add_argument("--netid", default="", help="Your NETID (used to name the assignment PDF)")
    ap.add_argument("--make-assignment-pdf", action="store_true", help="Build the single PDF containing code +
    output")
    return ap.parse_args()
```

```
def run(source_url: str, outdir: str, netid: str, make_pdf: bool):
    # Chicago-local timestamp and date folder (shared across ALL artifacts)
    ts = chicago_timestamp()
    date_dir = ts[:10]  # "YYYY-MM-DD"

    # Fetch data; also saves the raw snapshot under outdir/date_dir/
    rows = fetch_nasdaq_traded(source_url, outdir=outdir, date_dir=date_dir)

    # Columns to emit
    fields = ["symbol", "name", "etp_type", "category", "reasons", "timestamp"]
    records: List[Dict[str, str]] = []

    for row in rows:
        # Skip test issues
        if row.get("Test Issue", "").upper() != "N":
            continue
        name = row.get("Security Name", "")
        matched, category, reasons, etp_type = detect(name, row)
        if not matched:
            continue
        rec = {
            "symbol": row.get("Symbol", ""),
            "name": name,
            "etp_type": etp_type or "",
            "category": category or "",
            "reasons": reasons,
            "timestamp": ts,
        }
        records.append(rec)

    # Write CSV/JSONL into the SAME date folder used for the raw file
    base_dir = os.path.join(outdir, date_dir)
    csv_path = os.path.join(base_dir, "etp_candidates.csv")
    jsonl_path = os.path.join(base_dir, "etp_candidates.jsonl")
    write_csv(csv_path, records, fields)
    write_jsonl(jsonl_path, records)

    # Build the single assignment PDF if requested
    pdf_path = None
    if make_pdf:
        if not netid:
            print("ERROR: --netid is required when --make-assignment-pdf is used", file=sys.stderr)
            sys.exit(2)
        pdf_name = f"{netid.lower()}_fin556_algo_trading_symbols_homework.pdf"
        pdf_path = os.path.join(outdir, pdf_name)
        # Collect code paths to embed
        code_paths = []
        here = os.path.dirname(__file__)
        for rel in ["constants.py", "detectors.py", "io_utils.py", "pdf_report.py", "main.py"]:
            code_paths.append(os.path.join(here, rel))
        # add workflow for completeness if present
        wf = os.path.join(os.path.dirname(here), ".github", "workflows", "daily.yml")
        if os.path.exists(wf):
            code_paths.append(wf)
        run_meta = {
            "source_url": source_url,
            "timestamp_chicago": ts,
            "records_count": str(len(records)),
            "output_csv": os.path.relpath(csv_path),
            "output_jsonl": os.path.relpath(jsonl_path),
            "date_dir": date_dir,
```

```python
        }
        build_assignment_pdf(pdf_path, netid=netid, records=records, code_paths=code_paths, run_meta=run_meta)

    # Summary to stdout (useful in Actions logs)
    print(json.dumps({
        "count": len(records),
        "csv": csv_path,
        "jsonl": jsonl_path,
        "pdf": pdf_path,
        "date_dir": date_dir
    }, indent=2))

if __name__ == "__main__":
    args = parse_args()
    run(args.source_url, args.outdir, args.netid, args.make_assignment_pdf)
```

.github/workflows/daily.yml

```yaml
name: Daily ETP Scan

on:
  schedule:
    - cron: "30 15 * * *"  # 10:30 AM CDT
    - cron: "30 16 * * *"  # 10:30 AM CST
  workflow_dispatch:

permissions:
  contents: write

jobs:
  run:
    runs-on: ubuntu-latest
    steps:
      - name: Check out
        uses: actions/checkout@v4

      - name: Ensure it's 10:30 in Chicago
        id: gate
        run: |
          sudo apt-get update && sudo apt-get install -y tzdata
          export TZ=America/Chicago
          NOW=$(date +"%H:%M")
          if [ "$NOW" != "10:30" ]; then
            echo "Not 10:30 Chicago time ($NOW). Exiting."
            exit 0
          fi

      - name: Set up Python
        uses: actions/setup-python@v5
        with:
          python-version: "3.11"

      - name: Install deps
        run: |
          python -m pip install --upgrade pip
          pip install -r requirements.txt

      - name: Run scanner
        run: |
          python -m src.main --outdir outputs --netid harsh6 --make-assignment-pdf
```

```
- name: Commit results if changed
  run: |
    git config user.name "github-actions"
    git config user.email "actions@users.noreply.github.com"
    git add outputs
    git diff --staged --quiet || git commit -m "Daily scan: $(date -u +'%Y-%m-%d')"
    git push
```