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: **617**

Category	Count
leveraged_single_stock_long	246
leveraged_index_long	135
leveraged_index_inverse	101
leveraged_single_stock_inverse	72
commodity_physical_trust	23
crypto_futures	17
commodity_futures	14
crypto_trust	9

Run metadata

```
source_url: https://www.nasdaqtrader.com/dynamic/SymDir/nasdaqtraded.txt
timestamp_chicago: 2026-01-05T10:51:30-06:00
records_count: 617
output_csv: outputs/2026-01-05/etp_candidates.csv
output_jsonl: outputs/2026-01-05/etp_candidates.jsonl
date_dir: 2026-01-05
```

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	2026-01-05T10:51:30-06:00
2	AALG	Leverage Shares 2X Long AAL Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
3	AAPB	GraniteShares 2x Long AAPL Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00

#	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	2026-01-05T10:51:30-06:00
5	AAPU	Direxion Daily AAPL Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
6	AAPX	T-Rex 2X Long Apple Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
7	ABNG	Leverage Shares 2x Long ABNB Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
8	ADBG	Leverage Shares 2X Long ADBE Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
9	AETH	Bitwise Trendwise Ether and Treasuries Rotation Strategy ETF	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T10:51:30-06:00
10	AFRU	T-REX 2X Long AFRM Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
11	AGQ	ProShares Ultra Silver	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
12	AIBD	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	2026-01-05T10:51:30-06:00
13	AIBU	Direxion Daily AI and Big Data Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
14	AMDD	Direxion Daily AMD Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
15	AMDG	Leverage Shares 2X Long AMD Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
16	AMDL	GraniteShares 2x Long AMD Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
17	AMUU	Direxion Daily AMD Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
18	AMZD	Direxion Daily AMZN Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
19	AMZU	Direxion Daily AMZN Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
20	AMZZ	GraniteShares 2x Long AMZN Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
21	ANEL	Defiance Daily Target 2x Long ANET ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
22	APLX	Tradr 2X Long APLD Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
23	APPX	Tradr 2X Long APP Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
24	ARCX	Tradr 2X Long ACHR Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
25	ARMG	Leverage Shares 2X Long ARM Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
26	ARMU	T-REX 2X Long ARM Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
27	ASMG	Leverage Shares 2X Long ASML Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00

#	symbol	name	etp_type	category	reasons	timestamp
28	ASTX	Tradr 2X Long ASTS Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
29	AURU	Tradr 2X Long AUR Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
30	AVGG	Leverage Shares 2X Long AVGO Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
31	AVGU	GraniteShares 2x Long AVGO Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
32	AVGX	Defiance Daily Target 2X Long AVGO ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
33	AVL	Direxion Daily AVGO Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
34	AVS	Direxion Daily AVGO Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
35	AVXX	Defiance Daily Target 2x Long AVAV ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
36	AXUP	T-REX 2X Long AXON Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
37	BABX	GraniteShares 2x Long BABA Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
38	BAIG	Leverage Shares 2X Long BBAI Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
39	BAR	GraniteShares Gold Trust Shares of Beneficial Interest	Trust	commodity_physical_trust	type_trust_with_commodity	2026-01-05T10:51:30-06:00
40	BBB	CYBER HORNET S&P; 500 and Bitcoin 75/25 Strategy ETF	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T10:51:30-06:00
41	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	2026-01-05T10:51:30-06:00
42	BEG	Leverage Shares 2x Long BE Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
43	BEGS	Rareview 2x Bull Cryptocurrency & Precious Metals ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
44	BERZ	MicroSectors FANG & Innovation -3x Inverse Leveraged ETN	ETN	leveraged_index_inverse	etf_flag_Y, type_etn_by_name, leverage_context, inverse_context	2026-01-05T10:51:30-06:00
45	BEX	Tradr 2X Long BE Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
46	BFAP	FT Vest Bitcoin Strategy Floor15 ETF April	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T10:51:30-06:00
47	BFJL	FT Vest Bitcoin Strategy Floor15 ETF July	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T10:51:30-06:00
48	BFOC	FT Vest Bitcoin Strategy Floor15 ETF - October	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T10:51:30-06:00
49	BGLD	FT Vest Gold Strategy Quarterly Buffer ETF	ETF	commodity_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T10:51:30-06:00
50	BIB	ProShares Ultra Nasdaq Biotechnology	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
51	BIDG	Leverage Shares 2X Long BIDU Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00

#	symbol	name	etp_type	category	reasons	timestamp
52	BIS	ProShares UltraShort Nasdaq Biotechnology	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
53	BITC	Bitwise Trendwise Bitcoin and Treasuries Rotation Strategy ETF	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T1 0:51:30-06:00
54	BITI	ProShares Short Bitcoin ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T1 0:51:30-06:00
55	BITS	Global X Blockchain & Bitcoin Strategy ETF	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T1 0:51:30-06:00
56	BITU	ProShares Ultra Bitcoin ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
57	BITX	2x Bitcoin Strategy ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T1 0:51:30-06:00
58	BKNU	T-REX 2X Long BKNG Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
59	BLSG	Leverage Shares 2X Long BLSH Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
60	BLSX	Tradr 2X Long BLSH Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
61	BMNG	Leverage Shares 2X Long BMNR Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
62	BMNU	T-REX 2X Long BMNR Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
63	BMNZ	Defiance Daily Target 2X Short BMNR ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
64	BNKD	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	2026-01-05T1 0:51:30-06:00
65	BOED	Direxion Daily BA Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
66	BOEG	Leverage Shares 2X Long BA Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
67	BOEU	Direxion Daily BA Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
68	BOIL	ProShares Ultra Bloomberg Natural Gas	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
69	BRKD	Direxion Daily BRKB Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
70	BRKU	Direxion Daily BRKB Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
71	BRZU	Direxion Daily Brazil Bull 2X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T1 0:51:30-06:00
72	BTC	Grayscale Bitcoin Mini Trust (BTC)	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2026-01-05T1 0:51:30-06:00
73	BTCL	T-Rex 2X Long Bitcoin Daily Target ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T1 0:51:30-06:00
74	BTCZ	T-Rex 2X Inverse Bitcoin Daily Target ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2026-01-05T1 0:51:30-06:00
75	BTFL	Defiance Daily Target 2X Long BITF ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00

#	symbol	name	etp_type	category	reasons	timestamp
76	BTOP	Bitwise Trendwise BTC/ETH and Treasuries Rotation Strategy ETF	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T10:51:30-06:00
77	BTRN	Global X Bitcoin Trend Strategy ETF	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T10:51:30-06:00
78	BU	Defiance Daily Target 2X Long BU ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
79	BULG	Leverage Shares 2X Long BULL Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
80	BULU	T-REX 2X Long BULL Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
81	BULX	GraniteShares 2x Long BULL Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
82	BULZ	MicroSectors FANG & Innovation 3x Leveraged ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2026-01-05T10:51:30-06:00
83	BZQ	ProShares UltraShort MSCI Brazil Capped	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
84	CARD	MAX Auto Industry -3x Inverse Leveraged ETN	ETN	leveraged_index_inverse	etf_flag_Y, type_etn_by_name, leverage_context, inverse_context	2026-01-05T10:51:30-06:00
85	CARU	MAX Auto Industry 3x Leveraged ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2026-01-05T10:51:30-06:00
86	CCUP	T-REX 2X Long CRCL Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
87	CEF	Sprott Physical Gold and Silver Trust Units	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity, physical_keyword	2026-01-05T10:51:30-06:00
88	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	2026-01-05T10:51:30-06:00
89	CEGX	Tradr 2X Long CEG Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
90	CELT	Tradr 2X Long CELH Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
91	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	2026-01-05T10:51:30-06:00
92	CIFG	Leverage Shares 2X Long CIFR Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
93	CIFU	T-REX 2X Long CIFR Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
94	CLIX	ProShares Long Online/Short Stores ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T10:51:30-06:00
95	CLSE	Convergence Long/Short Equity ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T10:51:30-06:00
96	CLSX	Tradr 2X Long CLSK Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
97	CMGG	Leverage Shares 2X Long CMG Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
98	CNCG	Leverage Shares 2X Long CNC Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
99	COIA	ProShares Ultra COIN	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00

#	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	2026-01-05T10:51:30-06:00
101	COIO	Leverage Shares 2x Capped Accelerated COIN Monthly ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
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	2026-01-05T10:51:30-06:00
103	CONL	GraniteShares 2x Long COIN Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
104	CONX	Direxion Daily COIN Bull 2X ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
105	CORD	T-REX 2X Inverse CRWV Daily Target ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2026-01-05T10:51:30-06:00
106	CORX	2x Corn ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
107	COTG	Leverage Shares 2X Long COST Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
108	COZX	Tradr 2X Long CORZ Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
109	CPXR	USCF Daily Target 2X Copper Index ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
110	CPZ	Calamos Long/Short Equity & Dynamic Income Trust - Closed End Fund	ETF	leveraged_index_inverse	inverse_context	2026-01-05T10:51:30-06:00
111	CRCA	ProShares Ultra CRCL	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
112	CRCD	T-REX 2X Inverse CRCL Daily Target ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2026-01-05T10:51:30-06:00
113	CRCG	Leverage Shares 2X Long CRCL Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
114	CRDU	Tradr 2X Long CRDO Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
115	CRMG	Leverage Shares 2X Long CRM Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
116	CRSH	YieldMax Short TSLA Option Income Strategy ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
117	CRWG	Leverage Shares 2X Long CRWV Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
118	CRWL	GraniteShares 2x Long CRWD Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
119	CRWU	T-REX 2X Long CRWV Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
120	CSCL	Direxion Daily CSCO Bull 2X ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
121	CSCS	Direxion Daily CSCO Bear 1X ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
122	CSEX	Tradr 2X Long CLS Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
123	CURE	Direxion Daily Healthcare Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00

#	symbol	name	etp_type	category	reasons	timestamp
124	CVNX	Defiance Daily Target 2X Long CVNA ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
125	CVSB	Calvert Ultra-Short Investment Grade ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T10:51:30-06:00
126	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	2026-01-05T10:51:30-06:00
127	CWVX	Tradr 2X Long CRWV Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
128	CXRN	Teucrium 2x Daily Corn ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
129	DAMD	Defiance Daily Target 2X Short AMD ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
130	DASX	Tradr 2X Long DASH Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
131	DDM	ProShares Ultra Dow30	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
132	DFEN	Direxion Daily Aerospace & Defense Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
133	DFII	FT Vest Bitcoin Strategy & Target Income ETF	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T10:51:30-06:00
134	DGZ	DB Gold Short ETN due February 15, 2038	ETN	leveraged_single_stock_inverse	type_etn_by_name, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
135	DIG	ProShares Ultra Energy	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
136	DIPS	YieldMax Short NVDA Option Income Strategy ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
137	DJTU	T-REX 2X Long DJT Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
138	DKNX	Defiance Daily Target 2X Long DKNG ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
139	DKUP	T-REX 2X Long DKNG Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
140	DLLL	GraniteShares 2x Long DELL Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
141	DOG	ProShares Short Dow30	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T10:51:30-06:00
142	DOGD	Tradr 2X Long DDOG Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
143	DPST	Direxion Daily Regional Banks Bull 3X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
144	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	2026-01-05T10:51:30-06:00
145	DRN	Direxion Daily Real Estate Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
146	DRV	Direxion Daily Real Estate Bear 3X Shares	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2026-01-05T10:51:30-06:00
147	DUG	ProShares UltraShort Energy	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00

#	symbol	name	etp_type	category	reasons	timestamp
148	DULL	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	2026-01-05T10:51:30-06:00
149	DUOG	Leverage Shares 2X Long DUOL Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
150	DUSL	Direxion Daily Industrials Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
151	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	2026-01-05T10:51:30-06:00
152	DWSH	AdvisorShares Dorsey Wright Short ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
153	DXD	ProShares UltraShort Dow30	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
154	DZZ	DB Gold Double Short ETN due February 15, 2038	ETN	leveraged_single_stock_inverse	type_etn_by_name, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
155	EDC	Direxion Emerging Markets Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
156	EDZ	Direxion Emerging Markets Bear 3X Shares	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2026-01-05T10:51:30-06:00
157	EET	ProShares Ultra MSCI Emerging Markets	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
158	EEV	ProShares UltraShort MSCI Emerging Markets	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
159	EFO	ProShares Ultra MSCI EAFE	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
160	EFU	ProShares UltraShort MSCI EAFE	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
161	EFZ	ProShares Short MSCI EAFE	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
162	EHLS	Even Herd Long Short ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
163	ELIL	Direxion Daily LLY Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
164	ELIS	Direxion Daily LLY Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
165	ENPX	Tradr 2X Long ENPH Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
166	EPV	ProShares UltraShort FTSE Europe ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
167	ERX	Direxion Energy Bull 2X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
168	ERY	Direxion Daily Energy Bear 2X Shares	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2026-01-05T10:51:30-06:00
169	ESBG	First Trust Enhanced Stocks, Bonds & Gold ETF	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity	2026-01-05T10:51:30-06:00
170	ETH	Grayscale Ethereum Mini Trust (ETH)	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2026-01-05T10:51:30-06:00
171	ETHA	iShares Ethereum Trust ETF	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2026-01-05T10:51:30-06:00

#	symbol	name	etp_type	category	reasons	timestamp
172	ETHD	ProShares UltraShort Ether ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
173	ETHE	Grayscale Ethereum Trust (ETH)	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2026-01-05T1 0:51:30-06:00
174	ETHT	ProShares Ultra Ether ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
175	ETHU	2x Ether ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T1 0:51:30-06:00
176	ETQ	T-Rex 2X Inverse Ether Daily Target ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2026-01-05T1 0:51:30-06:00
177	ETRL	GraniteShares 2x Long ETOR Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
178	ETU	T-Rex 2X Long Ether Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
179	EUM	ProShares Short MSCI Emerging Markets	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
180	EUO	ProShares UltraShort Euro	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
181	EURL	Direxion Daily FTSE Europe Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T1 0:51:30-06:00
182	EWV	ProShares UltraShort MSCI Japan	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
183	EZBC	Franklin Templeton Digital Holdings Trust Shares of Franklin Bitcoin ETF	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2026-01-05T1 0:51:30-06:00
184	EZJ	ProShares Ultra MSCI Japan	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
185	FAS	Direxion Financial Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T1 0:51:30-06:00
186	FAZ	Direxion Financial Bear 3X Shares	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2026-01-05T1 0:51:30-06:00
187	FBL	GraniteShares 2x Long META Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
188	FCG	First Trust Natural Gas ETF	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity	2026-01-05T1 0:51:30-06:00
189	FFLS	The Future Fund Long/Short ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
190	FIAT	YieldMax Short COIN Option Income Strategy ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
191	FIGG	Leverage Shares 2x Long FIG Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
192	FLYD	MicroSectors Travel -3x Inverse Leveraged ETN	ETN	leveraged_index_inverse	etf_flag_Y, type_etn_by_name, leverage_context, inverse_context	2026-01-05T1 0:51:30-06:00
193	FLYT	Tradr 2X Long FLY Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
194	FLYU	MicroSectors Travel 3x Leveraged ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2026-01-05T1 0:51:30-06:00
195	FNGD	MicroSectors FANG Index -3X Inverse Leveraged ETNs due January 8, 2038	ETN	leveraged_index_inverse	type_etn_by_name, leverage_context, inverse_context	2026-01-05T1 0:51:30-06:00

#	symbol	name	etp_type	category	reasons	timestamp
196	FNGG	Direxion Daily NYSE FANG+ Bull 2X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
197	FNGO	MicroSectors FANG Index 2X Leveraged ETNs due January 8, 2038	ETN	leveraged_index_long	type_etn_by_name, leverage_context	2026-01-05T10:51:30-06:00
198	FNGU	MicroSectors FANG+ 3X Leveraged ETNs	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2026-01-05T10:51:30-06:00
199	FRDD	Direxion Daily F Bear 1X ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
200	FRDU	Direxion Daily F Bull 2X ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
201	FTLS	First Trust Long/Short Equity	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T10:51:30-06:00
202	FTXN	First Trust Nasdaq Oil & Gas ETF	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity	2026-01-05T10:51:30-06:00
203	FUTG	Leverage Shares 2x Long FUTU Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
204	FXP	ProShares UltraShort FTSE China 50	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
205	GBTC	Grayscale Bitcoin Trust (BTC)	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2026-01-05T10:51:30-06:00
206	GDE	WisdomTree Efficient Gold Plus Equity Strategy Fund	ETF	commodity_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T10:51:30-06:00
207	GDMN	WisdomTree Efficient Gold Plus Gold Miners Strategy Fund	ETF	commodity_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T10:51:30-06:00
208	GDXD	MicroSectors Gold Miners -3X Inverse Leveraged ETNs	ETN	leveraged_index_inverse	etf_flag_Y, type_etn_by_name, leverage_context, inverse_context	2026-01-05T10:51:30-06:00
209	GDXU	MicroSectors Gold Miners 3X Leveraged ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2026-01-05T10:51:30-06:00
210	GDXY	YieldMax Gold Miners Option Income Strategy ETF	ETF	commodity_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T10:51:30-06:00
211	GEMG	Leverage Shares 2X Long GEMI Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
212	GEVG	Leverage Shares 2X Long GEV Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
213	GEVX	Tradr 2X Long GEV Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
214	GGLL	Direxion Daily GOOGL Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
215	GGLS	Direxion Daily GOOGL Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
216	GGN	GAMCO Global Gold, Natural Resources & Income Trust	Trust	commodity_physical_trust	type_trust_with_commodity	2026-01-05T10:51:30-06:00
217	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	2026-01-05T10:51:30-06:00
218	GLDM	SPDR Gold MiniShares Trust	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity	2026-01-05T10:51:30-06:00
219	GLGG	Leverage Shares 2X Long GLXY Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00

#	symbol	name	etp_type	category	reasons	timestamp
220	GLL	ProShares UltraShort Gold	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
221	GLXU	T-REX 2X Long GLXY Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
222	GMEU	T-REX 2X Long GME Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
223	GNT	GAMCO Natural Resources, Gold & Income Trust	Trust	commodity_physical_trust	type_trust_with_commodity	2026-01-05T10:51:30-06:00
224	GOLY	Strategy Shares Gold Enhanced Yield ETF	ETF	commodity_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T10:51:30-06:00
225	GOOX	T-Rex 2X Long Alphabet Daily Target ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
226	GOU	GraniteShares 2x Long GOOGL Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
227	GRAG	Leverage Shares 2X Long GRAB Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
228	GSX	Tradr 2X Long GS Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
229	GUSH	Direxion Daily S&P; Oil & Gas Exp. & Prod. Bull 2X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
230	HDGE	Ranger Equity Bear Bear ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T10:51:30-06:00
231	HFEQ	Unlimited HFEQ Equity Long/Short ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
232	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	2026-01-05T10:51:30-06:00
233	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	2026-01-05T10:51:30-06:00
234	HIMZ	Defiance Daily Target 2X Long HIMS ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
235	HODL	VanEck Bitcoin Trust	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2026-01-05T10:51:30-06:00
236	HODU	Direxion Daily HOOD Bull 2X ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
237	HOOG	Leverage Shares 2X Long HOOD Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
238	HOOX	Defiance Daily Target 2X Long HOOD ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
239	HOOZ	Defiance Daily Target 2X Short HOOD ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
240	IAU	iShares Gold Trust Shares	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity	2026-01-05T10:51:30-06:00
241	IAUM	iShares Gold Trust Micro Shares	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity	2026-01-05T10:51:30-06:00
242	IBIT	iShares Bitcoin Trust ETF	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2026-01-05T10:51:30-06:00
243	IETH	Bitwise Ethereum Option Income Strategy ETF	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T10:51:30-06:00

#	symbol	name	etp_type	category	reasons	timestamp
244	IGLD	FT Vest Gold Strategy Target Income ETF	ETF	commodity_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T1 0:51:30-06:00
245	INDL	Direxion Daily MSCI India Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
246	INTW	GraniteShares 2x Long INTC Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
247	IONL	GraniteShares 2x Long IONQ Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
248	IONX	Defiance Daily Target 2X Long IONQ ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
249	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	2026-01-05T1 0:51:30-06:00
250	IRE	Defiance Daily Target 2X Long IREN ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
251	IREG	Leverage Shares 2X Long IREN Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
252	IREX	Tradr 2X Long IREN Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
253	ISUL	GraniteShares 2x Long ISRG Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
254	IWDL	ETRACS 2x Leveraged US Value Factor TR ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2026-01-05T1 0:51:30-06:00
255	IWFL	ETRACS 2x Leveraged US Growth Factor TR ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2026-01-05T1 0:51:30-06:00
256	IWML	ETRACS 2x Leveraged US Size Factor TR ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2026-01-05T1 0:51:30-06:00
257	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	2026-01-05T1 0:51:30-06:00
258	JETD	MAX Airlines -3X Inverse Leveraged ETNs	ETN	leveraged_index_inverse	etf_flag_Y, type_etn_by_name, leverage_context, inverse_context	2026-01-05T1 0:51:30-06:00
259	JETU	MAX Airlines 3X Leveraged ETNs	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2026-01-05T1 0:51:30-06:00
260	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	2026-01-05T1 0:51:30-06:00
261	JOBX	Tradr 2X Long JOBY Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
262	KBAB	KraneShares 2x Long BABA Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
263	KBDU	KraneShares 2x Long BIDU Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
264	KJD	KraneShares 2x Long JD Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
265	KLAG	Leverage Shares 2x Long KLAC Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
266	KMLI	KraneShares 2x Long MELI Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
267	KOLD	ProShares UltraShort Bloomberg Natural Gas	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00

#	symbol	name	etp_type	category	reasons	timestamp
268	KORU	Direxion Daily South Korea Bull 3X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
269	KPDD	KraneShares 2x Long PDD Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
270	KTUP	T-REX 2X Long KTOS Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
271	LABD	Direxion Daily S&P; Biotech Bear 3X Shares	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2026-01-05T10:51:30-06:00
272	LABU	Direxion Daily S&P; Biotech Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
273	LABX	Tradr 2X Long ALAB Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
274	LACG	Leverage Shares 2X Long LAC Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
275	LBAY	Leatherback Long/Short Alternative Yield ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T10:51:30-06:00
276	LCDL	GraniteShares 2x Long LCID Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
277	LINT	Direxion Daily INTC Bull 2X ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
278	LLYX	Defiance Daily Target 2X Long LLY ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
279	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	2026-01-05T10:51:30-06:00
280	LMBO	Direxion Daily Crypto Industry Bull 2X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
281	LMNX	Defiance Daily Target 2x Long LMND ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
282	LMTL	Direxion Daily LMT Bull 2X ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
283	LMTS	Direxion Daily LMT Bear 1X ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
284	LRCU	Tradr 2X Long LRCX Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
285	LSEQ	Harbor Long-Short Equity ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T10:51:30-06:00
286	LTL	ProShares Ultra Communication Services	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
287	LULG	Leverage Shares 2X Long LULU Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
288	LYFX	Tradr 2X Long LYFT Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
289	MAGX	Roundhill Daily 2X Long Magnificent Seven ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
290	MAXI	Simplify Bitcoin Strategy PLUS Income ETF	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T10:51:30-06:00
291	MDBX	Tradr 2X Long MDB Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00

#	symbol	name	etp_type	category	reasons	timestamp
292	METD	Direxion Daily META Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
293	METU	Direxion Daily META Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
294	MEXX	Direxion Daily MSCI Mexico Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
295	MIDU	Direxion Mid Cap Bull 3X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
296	MLPR	ETRACS Quarterly Pay 1.5X Leveraged Alerian MLP Index ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2026-01-05T10:51:30-06:00
297	MPG	Leverage Shares 2X Long MP Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
298	MPL	Defiance Daily Target 2X Long MP ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
299	MQQQ	Tradr 2X Long Innovation 100 Monthly ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
300	MRAL	GraniteShares 2x Long MARA Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
301	MSDD	GraniteShares 2x Short MSTR Daily ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
302	MSFD	Direxion Daily MSFT Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
303	MSFL	GraniteShares 2x Long MSFT Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
304	MSFU	Direxion Daily MSFT Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
305	MSFX	T-Rex 2X Long Microsoft Daily Target ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
306	MSOO	Leverage Shares 2x Capped Accelerated MSTR Monthly ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
307	MSTP	GraniteShares 2x Long MSTR Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
308	MSTU	T-Rex 2X Long MSTR Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
309	MSTX	Defiance Daily Target 2x Long MSTR ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
310	MSTZ	T-Rex 2X Inverse MSTR Daily Target ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2026-01-05T10:51:30-06:00
311	MTUL	ETRACS 2x Leveraged MSCI US Momentum Factor TR ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2026-01-05T10:51:30-06:00
312	MUD	Direxion Daily MU Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
313	MULL	GraniteShares 2x Long MU Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
314	MUU	Direxion Daily MU Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
315	MVLL	GraniteShares 2x Long MRVL Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00

#	symbol	name	etp_type	category	reasons	timestamp
316	MVO	MV Oil Trust Units of Beneficial Interests	Trust	commodity_physical_trust	type_trust_with_commodity	2026-01-05T10:51:30-06:00
317	MVRL	ETRACS Monthly Pay 1.5X Leveraged Mortgage REIT ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2026-01-05T10:51:30-06:00
318	MVV	ProShares Ultra MidCap400	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
319	MYY	ProShares Short MidCap400	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T10:51:30-06:00
320	MZZ	ProShares UltraShort MidCap400	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
321	NAIL	Direxion Daily Homebuilders & Supplies Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
322	NBIG	Leverage Shares 2X Long NBIS Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
323	NBIL	GraniteShares 2x Long NBIS Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
324	NEBX	Tradr 2X Long NBIS Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
325	NEMG	Leverage Shares 2x Long NEM Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
326	NETG	Leverage Shares 2X Long NET Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
327	NETX	Tradr 2X Long NET Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
328	NFLU	T-Rex 2X Long NFLX Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
329	NFXL	Direxion Daily NFLX Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
330	NFXS	Direxion Daily NFLX Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
331	NIOG	Leverage Shares 2X Long NIO Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
332	NLSI	NEOS Long/Short Equity Income ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T10:51:30-06:00
333	NNEX	Tradr 2X Long NNE Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
334	NOWL	GraniteShares 2x Long NOW Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
335	NRGD	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	2026-01-05T10:51:30-06:00
336	NRT	North European Oil Royality Trust Common Stock	Trust	commodity_physical_trust	type_trust_with_commodity	2026-01-05T10:51:30-06:00
337	NUG	Leverage Shares 2X Long NU Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
338	NUGT	Direxion Daily Gold Miners Index Bull 2XShares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
339	NVD	GraniteShares 2x Short NVDA Daily ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00

#	symbol	name	etp_type	category	reasons	timestamp
340	NVDB	ProShares Ultra NVDA	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
341	NVDD	Direxion Daily NVDA Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
342	NVDG	Leverage Shares 2X Long NVDA Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
343	NVDL	GraniteShares 2x Long NVDA Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
344	NVDO	Leverage Shares 2x Capped Accelerated NVDA Monthly ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T1 0:51:30-06:00
345	NVDQ	T-Rex 2X Inverse NVIDIA Daily Target ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2026-01-05T1 0:51:30-06:00
346	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	2026-01-05T1 0:51:30-06:00
347	NVDU	Direxion Daily NVDA Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
348	NVDX	T-Rex 2X Long NVIDIA Daily Target ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T1 0:51:30-06:00
349	NVOX	Defiance Daily Target 2X Long NVO ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
350	NVTX	Tradr 2X Long NVTS Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
351	NWMX	Tradr 2X Long NEM Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
352	OBTC	Osprey Bitcoin Trust	Trust	crypto_trust	etf_flag_Y, type_trust_with_commodity	2026-01-05T1 0:51:30-06:00
353	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	2026-01-05T1 0:51:30-06:00
354	OILU	MicroSectors Oil & Gas Exp. & Prod. 3x Leveraged ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2026-01-05T1 0:51:30-06:00
355	OKLL	Defiance Daily Target 2x Long OKLO ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
356	OKLS	Defiance Daily Target 2X Short OKLO ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
357	OKTG	Leverage Shares 2X Long OKTA Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
358	OKTX	Tradr 2X Long OKTA Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
359	ONDL	Defiance Daily Target 2X Long ONDS ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
360	OPEG	Leverage Shares 2X Long OPEN Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
361	OPEX	Tradr 2X Long OPEN Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
362	ORCS	Direxion Daily ORCL Bear 1X ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
363	ORCU	Direxion Daily ORCL Bull 2X ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00

#	symbol	name	etp_type	category	reasons	timestamp
364	ORCX	Defiance Daily Target 2X Long ORCL ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
365	ORR	Militia Long/Short Equity ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T10:51:30-06:00
366	OSCG	Leverage Shares 2X Long OSCR Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
367	OSCX	Defiance Daily Target 2x Long OSCR ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
368	PALD	Direxion Daily PANW Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
369	PALL	abrdn Physical Palladium Shares ETF	ETF	commodity_physical_trust	etf_flag_Y, type_etf, physical_keyword	2026-01-05T10:51:30-06:00
370	PALU	Direxion Daily PANW Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
371	PANG	Leverage Shares 2X Long PANW Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
372	PBRG	Leverage Shares 2X Long PBR Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
373	PDDL	GraniteShares 2x Long PDD Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
374	PHYS	Sprott Physical Gold Trust ETV	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity, physical_keyword	2026-01-05T10:51:30-06:00
375	PILL	Direxion Daily Pharmaceutical & Medical Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
376	PLOO	Leverage Shares 2x Capped Accelerated PLTR Monthly ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
377	PLTA	ProShares Ultra PLTR	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
378	PLTD	Direxion Daily PLTR Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
379	PLTG	Leverage Shares 2X Long PLTR Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
380	PLTU	Direxion Daily PLTR Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
381	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	2026-01-05T10:51:30-06:00
382	PONX	Tradr 2X Long PONY Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
383	PPLT	abrdn Physical Platinum Shares ETF	ETF	commodity_physical_trust	etf_flag_Y, type_etf, physical_keyword	2026-01-05T10:51:30-06:00
384	PSLV	Sprott Physical Silver Trust ETV	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity, physical_keyword	2026-01-05T10:51:30-06:00
385	PSQ	ProShares Short QQQ	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
386	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	2026-01-05T10:51:30-06:00
387	PTIR	GraniteShares 2x Long PLTR Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00

#	symbol	name	etp_type	category	reasons	timestamp
388	PULT	Putnam ESG Ultra Short ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
389	PXIU	T-REX 2X Long UPXI Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
390	PYPG	Leverage Shares 2X Long PYPL Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
391	QBER	TrueShares Quarterly Bear Hedge ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T10:51:30-06:00
392	QBTX	Tradr 2X Long QBTS Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
393	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	2026-01-05T10:51:30-06:00
394	QCMD	Direxion Daily QCOM Bear 1X ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
395	QCML	GraniteShares 2x Long QCOM Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
396	QCMU	Direxion Daily QCOM Bull 2X ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
397	QID	ProShares UltraShort QQQ	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
398	QLD	ProShares Ultra QQQ	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
399	QPUX	Defiance 2X Daily Long Pure Quantum ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
400	QQDN	ProShares UltraShort QQQ Mega	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
401	QQQD	Direxion Daily Magnificent 7 Bear 1X Shares	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2026-01-05T10:51:30-06:00
402	QQQP	Tradr 2X Long Innovation 100 Quarterly ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
403	QQQU	Direxion Daily Magnificent 7 Bull 2X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
404	QQUP	ProShares Ultra QQQ Mega	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
405	QQXL	ProShares Ultra QQQ Top 30	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
406	QSU	Defiance Daily Target 2X Long QS ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
407	QSX	Tradr 2X Long QS Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
408	QUBX	Tradr 2X Long QUBT Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
409	QULL	ETRACS 2x Leveraged MSCI US Quality Factor TR ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2026-01-05T10:51:30-06:00
410	RBLU	T-REX 2X Long RBLX Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
411	RDTL	GraniteShares 2x Long RDDT Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00

#	symbol	name	etp_type	category	reasons	timestamp
412	REK	ProShares Short Real Estate	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
413	REKT	Direxion Daily Crypto Industry Bear 1X Shares	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2026-01-05T10:51:30-06:00
414	RETL	Direxion Daily Retail Bull 3X Shares ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
415	REW	ProShares UltraShort Technology	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
416	RGTU	Tradr 2X Long RGTI Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
417	RGTX	Defiance Daily Target 2X Long RGTI ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
418	RGTZ	Defiance Daily Target 2x Short RGTI ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
419	RIOX	Defiance Daily Target 2X Long RIOT ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
420	RKLX	Defiance Daily Target 2X Long RKLB ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
421	RKLZ	Defiance Daily Target 2x Short RKLB ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
422	ROBN	T-Rex 2X Long HOOD Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
423	ROM	ProShares Ultra Technology	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
424	RTXG	Leverage Shares 2X Long RTX Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
425	RVNL	GraniteShares 2x Long RIVN Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
426	RWM	ProShares Short Russell2000	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T10:51:30-06:00
427	RXD	ProShares UltraShort Health Care	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
428	RXL	ProShares Ultra Health Care	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
429	SAA	ProShares Ultra SmallCap600	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
430	SARK	Tradr 1X Short Innovation Daily ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T10:51:30-06:00
431	SATG	Leverage Shares 2X Long SATS Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
432	SBB	ProShares Short SmallCap600	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T10:51:30-06:00
433	SBIT	ProShares UltraShort Bitcoin ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
434	SBTU	T-REX 2X Long SBET Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
435	SBU	Leverage Shares 2X Long SBUX Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00

#	symbol	name	etp_type	category	reasons	timestamp
436	SCC	ProShares UltraShort Consumer Discretionary	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
437	SCDL	ETRACS 2x Leveraged US Dividend Factor TR ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2026-01-05T1 0:51:30-06:00
438	SCLS	Stoneport Advisors Commodity Long Short ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
439	SCO	ProShares UltraShort Bloomberg Crude Oil	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
440	SDD	ProShares UltraShort SmallCap600	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
441	SDOW	UltraPro Short Dow30	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_ultrapro_implies_3x, inverse_keyword_under_brand, implied_multiplier_3x	2026-01-05T1 0:51:30-06:00
442	SDP	ProShares UltraShort Utilities	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
443	SDS	ProShares UltraShort S&P500;	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
444	SEF	ProShares Short Financials	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T1 0:51:30-06:00
445	SETH	ProShares Short Ether ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
446	SGOL	abrdn Physical Gold Shares ETF	ETF	commodity_physical_trust	etf_flag_Y, type_etf, physical_keyword	2026-01-05T1 0:51:30-06:00
447	SH	ProShares Short S&P500;	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
448	SHNY	MicroSectors Gold 3X Leveraged ETNs due January 29, 2043	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2026-01-05T1 0:51:30-06:00
449	SHPD	Direxion Daily SHOP Bear 1X ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
450	SHPU	Direxion Daily SHOP Bull 2X ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
451	SHRT	Gotham Short Strategies ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T1 0:51:30-06:00
452	SHYD	VanEck Short High Yield Muni ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
453	SIJ	ProShares UltraShort Industrials	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
454	SIVR	abrdn Physical Silver Shares ETF	ETF	commodity_physical_trust	etf_flag_Y, type_etf, physical_keyword	2026-01-05T1 0:51:30-06:00
455	SJB	ProShares Short High Yield	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
456	SKF	ProShares UltraShort Financials	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
457	SKRE	Tuttle Capital Daily 2X Inverse Regional Banks ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2026-01-05T1 0:51:30-06:00
458	SKYU	ProShares Ultra Cloud Computing	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
459	SLON	ProShares Ultra Solana ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00

#	symbol	name	etp_type	category	reasons	timestamp
460	SLTY	YieldMax Ultra Short Option Income Strategy ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T10:51:30-06:00
461	SLV	iShares Silver Trust	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity	2026-01-05T10:51:30-06:00
462	SLVR	Sprott Silver Miners & Physical Silver ETF	ETF	commodity_physical_trust	etf_flag_Y, type_etf, physical_keyword	2026-01-05T10:51:30-06:00
463	SMCL	GraniteShares 2x Long SMCI Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
464	SMCX	Defiance Daily Target 2X Long SMCI ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
465	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	2026-01-05T10:51:30-06:00
466	SMDD	UltraPro Short MidCap400	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_ultrapro_implies_3x, inverse_keyword_under_brand, implied_multiplier_3x	2026-01-05T10:51:30-06:00
467	SMHB	ETRACS Monthly Pay 2x Leveraged Small Cap High Dividend ETN Series B	ETN	leveraged_index_long	type_etn_by_name, leverage_context	2026-01-05T10:51:30-06:00
468	SMN	ProShares UltraShort Materials	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
469	SMQ	Tradr 1X Short Innovation 100 Monthly ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T10:51:30-06:00
470	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	2026-01-05T10:51:30-06:00
471	SMU	Tradr 2X Long SMR Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
472	SMUP	T-REX 2X Long SMR Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
473	SNAG	Leverage Shares 2x Long SNAP Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
474	SNOU	T-REX 2X Long SNOW Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
475	SNPX	Tradr 2X Long SNPS Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
476	SOFX	Defiance Daily Target 2X Long SOFI ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
477	SOLT	2x Solana ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
478	SOLX	T-REX 2X Long SOL Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
479	SOUX	Defiance Daily Target 2X Long SOUN ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
480	SOXL	Direxion Daily Semiconductor Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
481	SOXS	Direxion Daily Semiconductor Bear 3X Shares	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2026-01-05T10:51:30-06:00
482	SPBC	Simplify US Equity PLUS Bitcoin Strategy ETF	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T10:51:30-06:00
483	SPDN	Direxion Daily S&P; 500 Bear 1X Shares	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2026-01-05T10:51:30-06:00

#	symbol	name	etp_type	category	reasons	timestamp
484	SPOG	Leverage Shares 2X Long SPOT Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
485	SPPP	Sprott Physical Platinum and Palladium Trust	Trust	commodity_physical_trust	etf_flag_Y, type_trust_with_commodity, physical_keyword	2026-01-05T1 0:51:30-06:00
486	SPUU	Direxion Daily S&P; 500 Bull 2X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T1 0:51:30-06:00
487	SPXL	Direxion Daily S&P; 500 Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T1 0:51:30-06:00
488	SPXS	Direxion Daily S&P; 500 Bear 3X	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2026-01-05T1 0:51:30-06:00
489	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	2026-01-05T1 0:51:30-06:00
490	SPYQ	Tradr 2X Long SPY Quarterly ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
491	SPYU	MAX S&P; 500 4X Leveraged ETNs due October 30, 2043	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2026-01-05T1 0:51:30-06:00
492	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	2026-01-05T1 0:51:30-06:00
493	SRPU	Tradr 2X Long SRPT Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
494	SRS	ProShares UltraShort Real Estate	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
495	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	2026-01-05T1 0:51:30-06:00
496	SSG	ProShares UltraShort Semiconductors	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
497	SSO	ProShares Ultra S&P500;	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
498	STSM	Defiance Daily Target 2X Short TSM ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
499	SVIX	-1x Short VIX Futures ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
500	SVXY	ProShares Short VIX Short Term Futures ETF	ETF	commodity_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T1 0:51:30-06:00
501	SZK	ProShares UltraShort Consumer Staples	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
502	TARK	Tradr 2X Long Innovation ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T1 0:51:30-06:00
503	TBF	ProShares Short 20+ Year Treasury	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T1 0:51:30-06:00
504	TBT	ProShares UltraShort Lehman 20 Year Treasury	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
505	TBX	ProShares Short 7 10 Year Treasury	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T1 0:51:30-06:00
506	TBXU	Direxion Daily Biotech Top 5 Bull 2X ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T1 0:51:30-06:00
507	TECL	Direxion Technology Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T1 0:51:30-06:00

#	symbol	name	etp_type	category	reasons	timestamp
508	TECS	Direxion Technology Bear 3X Shares	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2026-01-05T10:51:30-06:00
509	TEMT	Tradr 2X Long TEM Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
510	TERG	Leverage Shares 2X Long TER Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
511	TEXU	Direxion Daily Energy Top 5 Bull 2X ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
512	TMF	Direxion Daily 20-Yr Treasury Bull 3x Shrs	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
513	TMV	Direxion Daily 20-Year Treasury Bear 3X	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2026-01-05T10:51:30-06:00
514	TNA	Direxion Small Cap Bull 3X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
515	TOAK	Manager Directed Portfolios Twin Oak Short Horizon Absolute Return ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T10:51:30-06:00
516	TPOR	Direxion Daily Transportation Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
517	TQQQ	ProShares UltraPro QQQ	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_ultrapro_implies_3x, implied_multiplier_3x	2026-01-05T10:51:30-06:00
518	TSDD	GraniteShares 2x Short TSLA Daily ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
519	TSLG	Leverage Shares 2X Long TSLA Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
520	TSLI	ProShares Ultra TSLA	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
521	TSLL	Direxion Daily TSLA Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
522	TSLO	Leverage Shares 2x Capped Accelerated TSLA Monthly ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
523	TSLQ	Tradr 2X Short TSLA Daily ETF	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
524	TSLR	GraniteShares 2x Long TSLA Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
525	TSLS	Direxion Daily TSLA Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
526	TSLT	T-REX 2X Long Tesla Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
527	TSLZ	T-Rex 2X Inverse Tesla Daily Target ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2026-01-05T10:51:30-06:00
528	TSMG	Leverage Shares 2X Long TSM Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
529	TSMU	GraniteShares 2x Long TSM Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
530	TSMX	Direxion Daily TSM Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
531	TSMZ	Direxion Daily TSM Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00

#	symbol	name	etp_type	category	reasons	timestamp
532	TSXD	Direxion Daily Semiconductors Top 5 Bear 2X ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2026-01-05T10:51:30-06:00
533	TSXU	Direxion Daily Semiconductors Top 5 Bull 2X ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
534	TTDU	T-REX 2X Long TTD Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
535	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	2026-01-05T10:51:30-06:00
536	TTXD	Direxion Daily Technology Top 5 Bear 2X ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2026-01-05T10:51:30-06:00
537	TTXU	Direxion Daily Technology Top 5 Bull 2X ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
538	TWM	ProShares UltraShort Russell2000	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
539	TXXD	21Shares 2x Long Dogecoin ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
540	TXXS	21Shares 2x Long Sui ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
541	TYD	Direxion Daily 10-Yr Treasury Bull 3x Shrs	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
542	TYO	Direxion Daily 10-Yr Treasury Bear 3x Shrs	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2026-01-05T10:51:30-06:00
543	TZA	Direxion Small Cap Bear 3X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
544	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	2026-01-05T10:51:30-06:00
545	UBR	ProShares Ultra MSCI Brazil Capped	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
546	UBRL	GraniteShares 2x Long UBER Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
547	UBT	ProShares Ultra 20+ Year Treasury	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
548	UCC	ProShares Ultra Consumer Discretionary	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
549	UCO	ProShares Ultra Bloomberg Crude Oil	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
550	UCYB	ProShares Ultra Nasdaq Cybersecurity	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
551	UDOW	ProShares UltraPro Dow30	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_ultrapro_implies_3x, implied_multiplier_3x	2026-01-05T10:51:30-06:00
552	UGE	ProShares Ultra Consumer Staples	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
553	UGL	ProShares Ultra Gold	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
554	UJB	ProShares Ultra High Yield ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
555	ULE	ProShares Ultra Euro	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00

#	symbol	name	etp_type	category	reasons	timestamp
556	UMDD	UltraPro MidCap400	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_ultrapro_implies_3x, implied_multiplier_3x	2026-01-05T1 0:51:30-06:00
557	UNHG	Leverage Shares 2X Long UNH Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
558	UNX	Tradr 2X Long U Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
559	UPRO	ProShares UltraPro S&P; 500	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_ultrapro_implies_3x, implied_multiplier_3x	2026-01-05T1 0:51:30-06:00
560	UPSG	Leverage Shares 2X Long UPS Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
561	UPSX	Tradr 2X Long UPST Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
562	UPV	ProShares Ultra FTSE Europe	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
563	UPW	ProShares Ultra Utilities	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
564	URAA	Direxion Daily Uranium Industry Bull 2X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T1 0:51:30-06:00
565	URE	ProShares Ultra Real Estate	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
566	URSP	ProShares Ultra S&P; 500 Equal Weight	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
567	URTY	ProShares UltraPro Russell2000	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_ultrapro_implies_3x, implied_multiplier_3x	2026-01-05T1 0:51:30-06:00
568	USD	ProShares Ultra Semiconductors	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
569	USG	USCF Gold Strategy Plus Income Fund	ETF	commodity_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T1 0:51:30-06:00
570	USML	ETRACS 2x Leveraged MSCI US Minimum Volatility Factor TR ETN	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2026-01-05T1 0:51:30-06:00
571	UST	ProShares Ultra 7-10 Year Treasury	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
572	UTSL	Direxion Daily Utilities Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T1 0:51:30-06:00
573	UVIX	2x Long VIX Futures ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T1 0:51:30-06:00
574	UVXY	ProShares Ultra VIX Short Term Futures ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
575	UWM	ProShares Ultra Russell2000	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
576	UXI	ProShares Ultra Industrials	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
577	UXRP	ProShares Ultra XRP ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
578	UYG	ProShares Ultra Financials	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00
579	UYM	ProShares Ultra Materials	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T1 0:51:30-06:00

#	symbol	name	etp_type	category	reasons	timestamp
580	VALG	Leverage Shares 2X Long VALE Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
581	VIXM	VIX Mid-Term Futures ETF	ETF	commodity_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T10:51:30-06:00
582	VIXY	VIX Short-Term Futures ETF	ETF	commodity_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T10:51:30-06:00
583	VOYX	Tradr 2X Long VOYG Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
584	VRTL	GraniteShares 2x Long VRT Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
585	VSTL	Defiance Daily Target 2X Long VST ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
586	VXX	iPath Series B S&P; 500 VIX Short-Term Futures ETN	ETN	commodity_futures	type_etn_by_name, futures_keyword	2026-01-05T10:51:30-06:00
587	VXZ	iPath Series B S&P; 500 VIX Mid-Term Futures ETN	ETN	commodity_futures	type_etn_by_name, futures_keyword	2026-01-05T10:51:30-06:00
588	VYLD	Inverse VIX Short-Term Futures ETNs due March 22, 2045	ETN	commodity_futures	etf_flag_Y, type_etn_by_name, futures_keyword	2026-01-05T10:51:30-06:00
589	WANT	Direxion Daily Consumer Discretionary Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
590	WEBL	Direxion Daily Dow Jones Internet Bull 3X Shares	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
591	WEBS	Direxion Daily Dow Jones Internet Bear 3X Shares	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context	2026-01-05T10:51:30-06:00
592	WHTX	2x Wheat ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
593	WILD	VistaShares Animal Spirits Daily 2X Strategy ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
594	WNTR	YieldMax MSTR Short Option Income Strategy ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T10:51:30-06:00
595	WTIB	USCF Oil Plus Bitcoin Strategy Fund	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T10:51:30-06:00
596	WTID	MicroSectors Energy 3X Inverse Leveraged ETNs	ETN	leveraged_index_inverse	etf_flag_Y, type_etn_by_name, leverage_context, inverse_context	2026-01-05T10:51:30-06:00
597	WTIU	MicroSectors Energy 3X Leveraged ETNs	ETN	leveraged_index_long	etf_flag_Y, type_etn_by_name, leverage_context	2026-01-05T10:51:30-06:00
598	WULX	Tradr 2X Long WULF Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
599	WXET	Teucrium 2x Daily Wheat ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
600	XOMX	Direxion Daily XOM Bull 2X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
601	XOMZ	Direxion Daily XOM Bear 1X Shares	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, leverage_context, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
602	XPP	ProShares Ultra FTSE China 50	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
603	XRPK	T-REX 2X Long XRP Daily Target ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00

#	symbol	name	etp_type	category	reasons	timestamp
604	XRPT	Volatility Shares Trust XRP 2X ETF	ETF	leveraged_index_long	etf_flag_Y, type_etf, leverage_context	2026-01-05T10:51:30-06:00
605	XXRP	Teucrium 2x Long Daily XRP ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
606	XYZG	Leverage Shares 2X Long XYZ Daily ETF	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
607	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	2026-01-05T10:51:30-06:00
608	YBIT	YieldMax Bitcoin Option Income Strategy ETF	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T10:51:30-06:00
609	YBTC	Roundhill Bitcoin Covered Call Strategy ETF	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T10:51:30-06:00
610	YCL	ProShares Ultra Yen	ETF	leveraged_index_long	etf_flag_Y, type_etf, brand_proshares_ultra_implies_2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
611	YCS	ProShares UltraShort Yen New	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00
612	YETH	Roundhill Ether Covered Call Strategy ETF	ETF	crypto_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T10:51:30-06:00
613	YGLD	Simplify Gold Strategy PLUS Income ETF	ETF	commodity_futures	etf_flag_Y, type_etf, futures_keyword	2026-01-05T10:51:30-06:00
614	YINN	Direxion Daily FTSE China Bull 3X Shares	ETF	leveraged_single_stock_long	etf_flag_Y, type_etf, leverage_context, single_stock_detected	2026-01-05T10:51:30-06:00
615	YQQQ	YieldMax Short N100 Option Income Strategy ETF	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, inverse_context	2026-01-05T10:51:30-06:00
616	YXI	ProShares Short FTSE China 50	ETF	leveraged_single_stock_inverse	etf_flag_Y, type_etf, inverse_context, single_stock_detected	2026-01-05T10:51:30-06:00
617	ZSL	ProShares UltraShort Silver	ETF	leveraged_index_inverse	etf_flag_Y, type_etf, brand_proshares_ultrashort_implies_minus2x, implied_multiplier_2x	2026-01-05T10:51:30-06:00

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

```python
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()
```

```python
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,
```

```
        }
        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
```