HV ETF Cutline Report: As of 10/25/2024

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD I	M-Index	DD%
AGQ	ProShares Ultra Silver	Leveraged Commoditie	30.18%	+237	11.24%	31.64%	32.88%	70.89	37	-33.39%
SIL	Global X Silver Miners	Commodity Producers	27.91%	+236	12.08%	23.59%	27.64%	42.58	26	-24.52%
GDXJ	VanEck Vectors Junior Gold Miners	Commodity Producers	23.12%	+235	6.55%	15.01%	20.98%	39.46	21	-17.46%
FXI	iShares China 25 Index	China Equities	20.07%	+234	-1.40%	19.88%	25.87%	32.00	19	-41.77%
RING	iShares MCSI Global Gold Miners Fund	Commodity Producers	19.58%	+233	1.01%	5.14%	13.24%	38.12	14	-7.99%
GDX	Mkt Vector Gold Miners	Specialty-Precious Met	18.96%	+232	2.97%	7.61%	13.93%	34.02	15	-6.67%
SLV	iShares Silver Trust	Precious Metals	18.41%	+231	6.13%	16.24%	17.63%	40.63	20	-3.50%
URE	ProShares Ultra Real Estate	Leveraged Real Estate	18.15%	+230	-1.67%	2.03%	9.64%	15.88	6	-36.57%
MCHI	iShares MSCI China	China Equities	16.14%	+229	-2.24%	19.17%	22.12%	22.36	15	-48.71%
IAU	iShares Gold Trust	Precious Metals	15.66%	+228	3.41%	9.56%	12.49%	32.72	15	-0.23%
GLD	SPDR Gold Shares	Precious Metals	15.58%	+227	3.39%	9.52%	12.42%	32.51	14	-0.24%
EZA	iShares South Africa Index	Emerging Markets Equi	15.09%	+226	-3.63%	5.79%	13.19%	18.88	9	-34.61%
IYZ	Down Jones US Telecom	Commun. Equities	14.23%	+225	1.78%	9.16%	15.02%	13.05	10	-29.58%
XLU	Utilities Select Sector *	Utilities Equities	13.95%	+224	-0.05%	5.36%	8.30%	26.92	10	-2.23%
KBWB	PowerShares KBW Bank Portfolio	Financials Equities	13.59%	+223	6.25%	3.82%	13.48%	25.82	12	-18.30%
ASHR	Deutsche X-Trackers China A-Shares	China Equities	13.39%	+222	1.76%	18.29%	17.24%	16.31	13	-40.06%
VPU	Vanguard Utilities VIPERS	Utilities Equities	13.25%	+221	-0.22%	4.76%	7.37%	26.18	10	-2.33%
IDU	Dow Jones US Utilities	Utilities Equities	12.79%	+220	0.12%	4.43%	7.28%	27.07	10	-42.64%
FXU	1st Trust Utilities AlphaDEX	Utilities Equities	12.41%	+219	0.05%	5.39%	8.49%	20.99	9	-2.04%
KRE	SPDR S&P Region.Banking	Specialty-Financial	12.16%	+218	3.54%	0.12%	7.56%	10.43	5	-26.50%
REZ	iShares Residential Real Estate Capped	Specialty-Real Estate	11.55%	+217	-1.77%	-0.84%	5.75%	17.59	5	-12.84%
KBE	SPDR S&P Bank	Specialty-Financial	11.47%	+216	2.66%	-0.22%	7.63%	16.78	7	-11.04%
JXI	iShares S&P Global Utilities	Utilities Equities	11.01%	+215	-1.84%	3.36%	6.98%	18.56	7	-2.76%
EWS	iShares Singapore Index	Pacific Asia/excl. Japan	10.93%	+214	-2.38%	5.38%	12.00%	16.26	8	-22.88%
IYF	Dow Jones US Financial Sector	Specialty-Financial	10.86%	+213	3.63%	2.08%	10.96%	25.55	11	-25.23%
THD	iShares Thailand Capped Invest Mrkt Idx	Emerging Markets Equi	10.65%	+212	-4.47%	7.99%	17.54%	4.09	6	-34.66%
FXO	1st Trust Financials AlphaDEX	Financial Equities	10.44%	+211	3.14%	2.12%	9.98%	21.41	9	-3.10%
VFH	Vanguard Financials	Financials Equities	10.18%	+210	3.46%	2.28%	10.78%	22.89	10	-2.31%
EWT	iShares Taiwan Index	Pacific Asia/excl. Japan	10.15%	+209	1.44%	4.65%	11.95%	22.31	10	-16.92%
RPG	Guggenheim S&P 500 Pure Growth	Large Growth	10.05%	+208	2.67%	6.89%	17.33%	25.08	13	-81.74%
IVW	S&P 500/BARRA Growth	Large Growth	10.03%	+207	2.41%	4.61%	11.31%	29.91	12	-0.45%
VOOG	Vanguard S&P 500 Growth	Large Cap Growth Equi	10.02%	+206	2.34%	4.67%	11.33%	29.91	12	-0.46%
SPYG	S&P 500 Growth	Large Cap Growth	10.01%	+205	2.41%	4.62%	11.29%	29.85	12	-0.42%
XLF	Financial Select Sector *	Financial Equities	9.99%	+204	3.28%	1.95%	10.87%	24.02	10	-2.08%
EWH	iShares Hong Kong Index	China Equities	9.83%	+203	-4.06%	11.06%	18.61%	3.45	7	-36.05%
VGT	Vanguard Info Technology	Technolgy Equities	9.77%	+202	2.91%	4.88%	12.72%	24.37	11	-0.97%
ICF	Cohen & Steers Realty	Real Estate	9.75%	+201	-0.57%	0.60%	4.94%	10.66	4	-48.41%
ITA	iShares DJ US Aerospace&Defense	Industrials Equities	9.72%	+200	0.75%	1.29%	9.06%	18.18	7	-37.61%
SCHH	Schwab U.S. REIT	Real Estate	9.52%	+199	-1.09%	0.75%	4.79%	9.90	4	-56.80%
IUSG	iShares Core U.S. Growth	Large Cap Growth Equi	9.51%	+198	2.25%	4.46%	10.99%	28.79	12	-0.53%
IYW	Dow Jones US Technology	Technology Equities	9.50%	+197	2.90%	5.16%	12.45%	26.59	12	-2.10%

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IYR	Dow Jones US Real Estate	Real Estate	9.48%	+196	-0.94%	0.67%	4.80%	9.62	4	-13.72%
IWY	Russell Top 200 Growth	Small Growth	9.43%	+195	2.45%	4.52%	10.90%	27.88	11	-0.84%
MGK	Vanguard Mega Cap Growth	Large Cap Growth Equi	9.43%	+194	2.58%	4.44%	11.08%	26.63	11	-0.49%
XLY	Consumer Discretionary Sec.*	Consumer Discretionar	9.32%	+193	-0.01%	7.32%	13.99%	12.30	8	-5.02%
VUG	Vanguard Growth	Large Cap Growth	9.28%	+192	2.65%	4.51%	10.99%	26.24	11	-0.35%
SPHD	PowerShares S&P 500 HiDivLowVol	Large Cap Value	9.26%	+191	-0.73%	0.95%	5.08%	17.94	6	-2.06%
IWF	Russell 1000 Growth	Large Growth	9.20%	+190	2.45%	4.74%	11.23%	26.26	11	-0.46%
VNQ	Vanguard REIT Index	Real Estate	8.98%	+189	-0.95%	0.64%	4.90%	8.35	3	-17.47%
RWR	Wilshire REIT Fund	Real Estate	8.92%	+188	-0.92%	0.19%	5.57%	10.12	4	-14.07%
DHS	Wisdom Tree High-Yield Equity	Large Cap Value	8.52%	+187	1.38%	1.59%	6.05%	15.14	6	-1.59%
KIE	SPDR S&P Insurance	Specialty-Financial	8.52%	+186	-0.09%	-0.09%	6.33%	24.79	8	-39.86%
AAXJ	iShares MSCI All Country Asia ex Japan	Asia Pacific	8.44%	+185	-3.15%	5.74%	10.30%	15.97	7	-24.37%
PEZ	PowerShares Consumer Cyclicals	All Cap Equities	8.29%	+184	-1.04%	3.29%	11.87%	25.19	10	-3.63%
SCHE	Schwab Emerging Markets Equity	Emerging Markets Equi	8.29%	+183	-2.71%	5.48%	9.88%	15.73	7	-17.15%
IYC	iShares US Consumer Services	Consumer Discretionar	8.29%	+182	0.17%	5.48%	13.03%	16.54	9	-68.12%
MTUM	iShares Edge MSCI USA Momentum Fact	All Cap Equities	8.26%	+181	1.88%	4.24%	14.68%	31.14	13	-1.71%
VOX	Vanguard Telecom Serv's	Communication Equitie	8.21%	+180	0.95%	5.12%	9.29%	24.27	10	-2.90%
VV	Vanguard LargeCap	Large Cap Blend	8.00%	+179	1.41%	2.75%	8.83%	21.85	9	-0.94%
SPY	SPDR S&P 500	Large Cap Blend	8.00%	+178	1.32%	2.72%	8.66%	21.82	9	-0.95%
VOO	Vanguard S&P 500	Large Cap Blend Equiti	7.98%	+177	1.31%	2.74%	8.64%	21.85	9	-0.95%
IVV	S&P 500	Large Blend	7.97%	+176	1.36%	2.67%	8.61%	21.83	9	-0.95%
IWP	Russell MidCap Growth	Mid-Cap Growth	7.91%	+175	2.98%	6.11%	13.67%	15.58	10	-2.07%
XLI	Industrial Select Sector *	Industrial Equities	7.90%	+174	0.42%	3.00%	10.32%	18.78	8	-2.78%
IWB	Russell 1000 Index	Large Blend	7.89%	+173	1.32%	2.70%	8.79%	21.02	8	-1.06%
SMH	VanEch Vectors Semiconductor	Technology Equities	7.89%	+172	2.11%	3.90%	15.81%	44.66	17	-10.07%
IYJ	Dow Jones US Industrial	Industrial Equities	7.79%	+171	0.61%	2.97%	9.71%	17.29	8	-30.49%
EWM	iShares Malaysia Index	Emerging Markets Equi	7.78%	+170	-7.45%	-2.70%	4.73%	18.68	3	-30.85%
ITOT	iShares Core S&P Total U.S. Stock Marke	All Cap Equities	7.75%	+169	1.25%	2.55%	8.54%	20.43	8	-1.12%
QQQ	PowerShares QQQ Trust, Series 1	Large Growth	7.74%	+168	1.76%	4.00%	10.38%	20.95	9	-1.52%
IWV	Russell 3000 Index	All Cap Equities	7.74%	+167	1.19%	2.69%	8.52%	20.37	8	-1.18%
VCR	Vanguard Consumer Discretionary	Consumer Discretionar	7.72%	+166	-0.64%	5.81%	12.19%	11.36	7	-4.63%
VTI	Total Stock Market VIPERs	All Cap Equities	7.71%	+165	1.24%	2.57%	8.61%	20.37	8	-1.16%
GSLC	Goldman Sachs ActiveBeta U.S. Large C	Large Cap Blend Equiti	7.66%	+164	1.12%	2.57%	8.67%	21.32	8	-1.30%
VWO	Vanguard Emerging Markets	Emerging Markets Equi	7.61%	+163	-2.51%	5.19%	9.17%	14.45	7	-16.73%
PKW	PowerShares Buyback Achievers	All Cap Equities	7.59%	+162	0.29%	2.42%	8.15%	15.83	7	-2.44%
XMLV	PowerShares S&P MidCap Low Volatility	Mid Cap Blend Equities	7.46%	+161	0.58%	1.33%	5.25%	14.97	6	-1.91%
XPH	SPDR Pharmaceuticals	Health & Biotech Equiti	7.46%	+160	4.08%	2.31%	7.43%	9.73	6	-18.46%
VIS	Vanguard Industrials	industrials Equities	7.45%	+159	0.52%	2.88%	9.59%	17.98	8	-2.70%
VOE	Vanguard Mid Cap Value	Mid-Cap Value	7.35%	+158	-0.32%	1.44%	7.06%	14.99	6	-2.24%
PDP	PowerShares DWA Momentum Portfolio	All Cap Equities	7.33%	+157	2.01%	3.74%	11.98%	22.66	10	-2.27%
XLK	Technology Select *	Technology Equities	7.22%	+156	2.31%	4.52%	12.49%	19.64	10	-3.11%
SDOG	ALPS Sector Dividend Dogs	Large Cap Value Equiti	7.21%	+155	-0.60%	-0.14%	5.09%	14.07	5	-2.79%
ITB	iShares DJ US Home Construction	Building and Constructi	7.18%	+154	-5.50%	-0.98%	3.38%	17.76	4	-7.38%
DVY	iShares Select Dividend Index	Large Cap Value	7.17%	+153	-0.81%	-0.31%	4.72%	14.02	4	-2.54%

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FDL	1st Trust Morningstar Div. Lead's	Large Cap Value	7.03%	+152	-0.05%	0.24%	4.01%	16.25	5	-2.02%
VO	Vanguard Mid-Cap	Mid-Cap Blend	7.02%	+151	0.75%	2.68%	8.81%	13.96	7	-1.93%
EWC	iShares Canada Index	Foreign Large Cap Equ	6.99%	+150	-0.70%	1.65%	10.65%	12.21	6	-2.09%
SPLV	PowerShares S&P 500 Low Volat.	Large Cap Blend	6.92%	+149	-0.21%	0.39%	4.62%	13.92	5	-2.39%
XHB	SPDR Series Trust SPDR Home Builders	Building & Construction	6.88%	+148	-6.22%	-0.72%	4.76%	21.83	5	-7.17%
QUAL	iShares Edge MSCI USA Quality Factor	All Cap Equities	6.83%	+147	0.60%	1.11%	7.31%	22.17	8	-1.87%
USMV	iShares Edge MSCI Min Vol USA	All Cap Equities	6.79%	+146	-0.08%	-0.35%	4.73%	16.62	5	-2.01%
IVOV	Vanguard S&P Mid-Cap 400 Value	Mid Cap Value Equities	6.68%	+145	0.08%	1.16%	6.66%	9.85	4	-45.86%
VOT	Vanguard Mid-Cap Growth	Mid-Cap Growth	6.67%	+144	2.04%	4.20%	11.23%	12.87	8	-6.76%
SPHQ	PowerShares S&P 500 Quality Portfolio	Large Cap Blend Equiti	6.61%	+143	-0.73%	0.03%	5.91%	23.26	7	-2.13%
DGRO	iShares Core Dividend Growth	Large Cap Value Equiti	6.54%	+142	0.18%	0.60%	5.56%	16.15	6	-2.16%
IWR	Russell MidCap Index Fs	Mid-Cap Blend	6.36%	+141	0.33%	1.96%	7.74%	13.60	6	-60.60%
FBT	1st Trust Biotechnolgy Index	Health & Biotech Equiti	6.35%	+140	-1.91%	-1.68%	1.10%	6.12	1	-9.26%
FEX	First Trust Large Cap Core AlphaDEX	Large Cap Blend Equity	6.34%	+139	0.58%	1.99%	8.27%	15.93	7	-2.01%
VIG	Vanguard Div. Appreciation	Large Cap Value Equiti	6.30%	+138	-0.20%	0.41%	5.61%	15.55	5	-2.30%
EEM	iShares Emerging Mkts Index	Emerging Mkts Equities	6.29%	+137	-3.20%	4.04%	8.46%	12.21	5	-22.15%
VYM	Vanguard High Div. Yield Index	Large Cap Value	6.26%	+136	0.52%	0.84%	6.48%	15.05	6	-2.31%
VTV	Vanguard Value	Large Cap Value	6.25%	+135	-0.18%	0.45%	6.09%	16.14	6	-2.36%
VXF	Vanguard Extended Markets VIPERs	Mid Cap Blend	6.24%	+134	0.89%	2.15%	8.54%	11.53	6	-8.31%
ACWI	iShares MSCI ACWI	Global Equities	6.14%	+133	-0.62%	1.57%	7.89%	16.75	6	-1.62%
EPP	iShares Pacific ex. Japan Index Fund	Pacific Asia/excl. Japan	6.14%	+132	-4.16%	2.46%	9.98%	7.62	4	-13.43%
XME	SPDR S&P Metals & Mining	Commodity Producers	6.10%	+131	-0.30%	6.97%	10.59%	6.99	6	-3.96%
IWD	Russell 1000 Value	Large Value	6.07%	+130	-0.01%	0.50%	6.12%	14.54	5	-2.26%
DON	Wisdom Tree MidCap Div.	Mid-Cap Value	6.05%	+129	-0.25%	1.29%	6.41%	11.56	5	-49.77%
RWO	SPDR DJ Wilshire Global Real Estate	Global Real Estate	6.04%	+128	-3.24%	-1.31%	4.10%	5.12	1	-18.74%
RSP	Guggenheim S&P Equal Weight	Large Blend	6.03%	+127	-0.46%	1.27%	6.80%	12.87	5	-2.07%
PPLT	ETFS Physical Platinum Shares	Precious Metals	6.03%	+126	1.82%	10.00%	6.65%	2.58	5	-21.70%
SDY	SPDR Dividend ETF	Large Value	5.94%	+125	-1.42%	-0.15%	3.97%	11.77	4	-2.78%
IWS	Russell MidCap Value	Mid-Cap Value	5.90%	+124	-0.58%	0.64%	5.94%	12.86	5	-2.26%
CWB	SPDR Barclays Convertible Securities	Convertible Bonds	5.87%	+123	0.77%	3.89%	7.46%	6.97	5	-16.29%
IJJ	S&P MidCap 400/BARRA Value	Mid-Cap Blend	5.85%	+122	0.19%	0.58%	6.12%	8.33	4	-28.60%
HDV	iShares Core High Dividend	Large Cap Value Equiti	5.72%	+121	0.43%	-0.70%	2.82%	15.30	4	-1.48%
IWO	Russell 2000 Growth	Small Growth	5.70%	+120	-0.19%	0.73%	6.69%	12.15	5	-15.97%
VT	Vanguard Total World Stock Index	Global Equities	5.70%	+119	-0.74%	1.01%	7.24%	15.41	6	-1.62%
IEMG	iShares Core MSCI Emerging Markets	Emerging Markets Equi	5.69%	+118	-3.25%	3.43%	7.68%	11.37	5	-18.90%
PRF	PowerShares FTSE RAFI US 1000	Large Cap Value	5.64%	+117	0.17%	0.69%	5.82%	15.26	5	-76.88%
VBK	Vanguard SmallCap Growth	Small Cap Growth	5.59%	+116	0.39%	2.80%	8.75%	11.13	6	-12.13%
DIA	SPDR Dow Jones Industrial Average	Large Cap Value	5.58%	+115	-0.43%	1.18%	6.05%	11.75	5	-2.66%
IVE	S&P 500/BARRA Value	Large Value	5.51%	+114	-0.09%	0.04%	5.18%	12.90	5	-2.22%
VB	Vanguard SmallCap	Small Cap Blend	5.51%	+113	-0.26%	1.31%	6.98%	10.85	5	-2.45%
ACWV	iShares Edge MSCI Min Vol Global	Global Equities	5.49%	+112	-1.56%	-0.48%	4.21%	12.54	4	-2.07%
VBR	Vanguard SmallCap Value	Small Cap Value	5.37%	+111	-0.82%	0.19%	5.67%	10.47	4	-3.04%
PJP	Dynamic Pharmaceuticals	Health & Biotech Equiti	5.34%	+110	0.30%	-3.26%	1.09%	13.56	3	-3.26%
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IWM	Russell 2000	Small Blend	5.08%	+108	-0.65%	-0.54%	4.77%	9.06	3	-9.76%
PEY	PowerShares Hi Yields Div. Achiev's	Mid-Cap Value	5.01%	+107	-1.24%	-0.96%	2.61%	2.13	1	-3.96%
EWP	iShares Spain Index	Europe Stock	4.97%	+106	-4.56%	-0.06%	7.56%	10.61	3	-6.54%
DES	Wisdom Tree SmallCap Div.	Small Cap Value	4.94%	+105	-0.90%	-0.96%	3.28%	5.60	2	-60.24%
NOBL	ProShares S&P 500 Dividend Aristocrats	Large Cap Value Equiti	4.79%	+104	-1.69%	-0.05%	3.90%	10.04	3	-2.96%
EWK	iShares Belgium Index	Europe Stock	4.71%	+103	-3.40%	-0.10%	4.08%	6.95	2	-13.18%
IWN	Russell 2000 Value	Small Value	4.47%	+102	-1.02%	-1.82%	2.76%	6.01	1	-6.90%
MDY	MidCap Trust Series I	Mid-Cap Blend	4.32%	+101	-0.27%	0.42%	5.55%	11.88	4	-2.79%
IJS	S&P SmallCap 600/BARRA Value	Small Value	4.28%	+100	-1.38%	-1.35%	3.38%	2.64	1	-38.94%
EWG	iShares Germany Index	Europe Stock	4.20%	+99	-3.57%	0.28%	8.56%	10.21	4	-10.31%
VAW	Vanguard Materials VIPERS	Materials	4.17%	+98	-2.28%	0.58%	5.25%	9.28	3	-3.55%
FV	First Trust Dorsey Wright Focus 5	Large Cap Value Equiti	4.04%	+97	-0.02%	2.04%	10.87%	13.33	7	-2.47%
XLP	Consumer Staples Select *	Consumer Staples	4.01%	+96	-2.36%	-1.76%	2.27%	12.54	3	-3.80%
IJR	S&P Sm.Cap 600	Small Blend	3.99%	+95	-1.79%	-1.74%	3.03%	5.75	1	-4.86%
VDC	Vanguard Consumer Staples	Consumer Staples Equi	3.88%	+94	-1.57%	-1.31%	2.16%	12.42	3	-3.00%
EWA	iShares Australia Index	Asia Pacific Equities	3.86%	+93	-4.66%	-0.31%	7.37%	5.96	2	-5.81%
IJT	S&P SmallCap 600/BARRA Growth	Small Growth	3.74%	+92	-2.07%	-1.96%	2.56%	8.72	2	-34.93%
XLB	Materials Select Sector *	Materials	3.60%	+91	-3.05%	-0.34%	4.35%	9.84	3	-3.76%
VLUE	iShares Edge MSCI USA Value Factor	Large Cap Value Equiti	3.53%	+90	-0.56%	0.41%	6.32%	7.23	3	-5.61%
EWL	iShares Switzerland Index	Europe Stock	3.40%	+89	-3.49%	-4.16%	1.28%	4.93	0	-4.47%
IHI	iShares DJ US Medical Devices	Health & Biotech Equiti	3.37%	+88	0.37%	0.22%	5.76%	9.26	4	-84.13%
RPV	Guggenheim S&P 500 Pure Value	Large Value	3.35%	+87	-0.45%	-1.12%	4.92%	7.81	3	-2.92%
IYM	Dow Jones US Basic Mat's	Materials	3.19%	+86	-2.24%	0.98%	5.23%	6.98	3	-4.04%
VNQI	Vanguard Global ex-U.S. Real Estate	Global Real Estate	3.10%	+85	-7.39%	-1.88%	4.27%	2.70	-1	-32.85%
EWI	iShares Italy Index	Europe Stock	3.01%	+84	-2.89%	-1.42%	6.77%	12.88	4	-2.89%
PGX	PowerShares Preferred Portfolio	Preferred Stock/Conver	2.91%	+83	-1.93%	1.75%	4.27%	6.36	3	-21.14%
PFF	iShares S&P Preferred Stock	Preferred Stock/Conver	2.89%	+82	-1.38%	1.95%	4.30%	5.77	3	-18.10%
FPE	First Trust Preferred Securities and Incom	Preferred Stock	2.88%	+81	-0.77%	1.35%	2.74%	6.76	3	-13.25%
XBI	SPDR Series Trust SPDR S&P Biotech	Health & Biotech Equiti	2.85%	+80	-1.30%	-4.06%	0.70%	8.80	1	-44.16%
FXD	First Trust Cons. Discret. AlphaDEX	Consumer Discretionar	2.77%	+79	-1.79%	1.52%	8.10%	6.10	3	-4.56%
IJK	S&P MidCap 400/BARRA Growth	Mid-Cap Growth	2.77%	+78	-0.75%	0.08%	4.72%	15.07	5	-64.53%
DWX	SPDR S&P International Dividend	Foreign Large Cap Equ	2.72%	+77	-4.75%	-3.53%	1.96%	3.77	-1	-14.03%
UUP	PowerShares DB US Dollar Bullish	Currency	2.68%	+76	4.31%	3.57%	2.49%	8.08	5	-4.53%
DJP	Bloomberg Commodity Index	Commodities	2.64%	+75	-0.03%	5.59%	7.52%	6.35	5	-21.55%
ACWX	iShares MSCI ACWI ex US	Global Equities	2.61%	+74	-4.13%	-1.02%	5.79%	8.11	2	-6.70%
VEU	Vanguard FTSE All-Word ex-US	Global Equities	2.49%	+73	-4.17%	-1.52%	5.12%	8.19	2	-6.95%
EWU	iShares United Kingdom Index	Europe Stock	2.39%	+72	-4.09%	-3.73%	1.86%	9.32	1	-4.62%
IXUS	iShares Core MSCI Total International Sto	Global Equties	2.36%	+71	-4.20%	-1.24%	5.22%	7.76	2	-7.36%
SCHF	Schwab International Equity	Foreign Large Cap Equ	2.35%	+70	-4.70%	-3.41%	4.01%	6.55	1	-5.22%
VXUS	Vanguard Total International Stock	Global Equities	2.34%	+69	-4.15%	-1.56%	4.93%	7.63	2	-7.59%
IGE	iShares North American Natural Resource	Commodity Producers	2.30%	+68	2.25%	-0.07%	4.17%	10.51	4	-3.23%
SCHC	Schwab International SmallCap Equ.	Foreign Small/Mid Blen	2.15%	+67	-4.63%	-2.33%	3.60%	5.56	1	-16.45%
DBEF	Deutsche X-Trackers MSCI EAFE Hedge	Foreigh Large Cap Equ	2.11%	+66	-0.52%	-0.83%	5.83%	12.93	4	-1.93%
PGF	PowerShares Fin. Preferred Portf.	Specialty-Financial	2.11%	+65	-2.53%	1.31%	3.00%	5.83	2	-20.99%

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD	M-Index	DD%
DBA	PowerShares DB Agriculture Fd	Agriculture Commoditie	2.07%	+64	-6.44%	-0.16%	6.66%	19.77	5	-6.44%
VRP	PowerShares Variable Rate Preferred Por	Preferred Stock	1.99%	+63	-0.29%	0.91%	2.86%	5.89	2	-7.67%
VSS	Vanguard FTSE All-Wld ex-US SmCP ldx	Foreign Small & Mid Ca	1.90%	+62	-4.19%	-1.96%	3.23%	4.89	0	-15.04%
TBT	ProShares UltraShort Lehman 20 Yr Trea	Leveraged Bonds	1.85%	+61	14.54%	8.58%	13.08%	11.92	12	-24.13%
DBEU	Deutsche X-Trackers MSCI Europe Hedg	Europe Equities	1.81%	+60	-1.32%	-1.53%	3.79%	11.07	3	-1.76%
HYG	iShares Lehman Hi-Yield Corp.	High Yield Bond	1.77%	+59	-1.34%	-0.08%	2.03%	2.44	1	-10.89%
IBB	Nasdaq Biotechnology	Health & Biotech Equiti	1.72%	+58	-2.34%	-4.49%	-1.85%	4.17	-1	-58.48%
ECH	iShares Chile Index	Latin America	1.66%	+57	-1.93%	1.20%	7.79%	-4.36	1	-51.97%
BNDX	Vanguard Total International Bond	Total Bond Market	1.57%	+56	-0.64%	0.44%	0.20%	1.26	0	-15.60%
EMB	iShares Emerging Markets Bond	Emerging Market Bond	1.56%	+55	-2.31%	-0.91%	0.72%	2.47	0	-22.64%
IDV	iShares International Select Dividend	Foreign Large Cap Equ	1.55%	+54	-4.56%	-2.65%	2.43%	3.86	0	-18.98%
EFV	MSCI EAFE iShares Value Index	Foreign Large Cap Equ	1.36%	+53	-4.50%	-2.80%	4.01%	6.03	1	-7.27%
HEFA	iShares Currency Hedged MSCI EAFE	Foreign Large Cap Equ	1.35%	+52	-0.57%	-0.96%	5.58%	11.62	4	-3.19%
TBF	ProShares Short 20+Year Treasury	Inverse Bonds	1.34%	+51	7.21%	4.32%	6.82%	6.92	6	-12.15%
JNK	Barclays Cap. High Yield Bond	High Yield Bond	1.27%	+50	-1.46%	-0.48%	1.66%	1.72	0	-70.33%
FXB	CurrencyShares British Pound	Currency	1.25%	+49	-3.14%	-1.39%	1.34%	1.59	0	-14.24%
SJNK	SPDR Barclays Short Term High Yield Bo	High Yield Bonds	1.24%	+48	-1.01%	0.04%	1.88%	1.39	1	-9.42%
VWOB	Vanguard Emerging Markets Gov Bonds	Emerging Markets Bon	1.22%	+47	-2.41%	-1.06%	0.58%	1.43	0	-22.35%
HYS	PIMCO 0-5 Year High Yield Corp Bond	High Yield Bonds	1.17%	+46	-1.03%	-0.20%	1.72%	1.51	1	-7.30%
SHYG	iShares 0-5 Year High Yield Corporate Bo	High Yield Bonds	1.17%	+45	-1.01%	-0.16%	1.70%	1.82	1	-10.49%
FLTB	Fidelity Limited Term Bond	Corporate Bonds	1.14%	+44	-0.81%	0.04%	0.00%	1.63	0	-5.47%
PIN	PowerShares India Portfolio	Emerging Markets Equi	1.07%	+43	-7.51%	-4.93%	-2.64%	12.15	-1	-45.61%
VCSH	Vanguard Short-Term Corporate Bond	Corporate Bonds	1.05%	+42	-1.22%	-0.47%	0.05%	1.51	0	-5.66%
VTIP	Vanguard Short-Term Inflation-Protected	Inflation-Protected Bon	1.02%	+41	-1.15%	-0.04%	0.27%	2.74	0	-7.59%
VCIT	Vanguard Intermediate-Term Corporate B	Corporate Bonds	1.01%	+40	-2.67%	-1.24%	-0.77%	0.53	-1	-15.91%
INDY	iShares S&P India Nifty 50 Index Fund	Emerging Markets Equi	0.99%	+39	-6.93%	-3.88%	-1.59%	7.76	-1	-7.30%
IXJ	S&P Global Healthcare	Health & Biotech Equiti	0.91%	+38	-3.14%	-6.42%	-1.46%	9.26	0	-23.01%
VHT	Vanguard Health Care	Health & Biotech Equiti	0.90%	+37	-2.73%	-5.37%	-1.19%	8.75	0	-5.37%
BSV	Vanguard Short Term Bond	Total Bond Market	0.88%	+36	-1.32%	-0.58%	-0.41%	1.00	0	-6.61%
GVI	iShares Lehman Interm. Govt/Credit	Total Bond Market	0.79%	+35	-1.81%	-0.89%	-0.88%	0.56	-1	-10.98%
FXG	1st Trust Consumer Staples	Consumer Staples Equi	0.75%	+34	-2.00%	-2.37%	0.27%	5.86	0	-3.30%
BBH	VanEck Vectors Biotech	Health & Biotech	0.72%	+33	-3.20%	-5.62%	-4.18%	3.41	-2	-22.56%
VEA	Vanguard FTSE Developed Markets	Foreign Large Cap	0.71%	+32	-4.66%	-3.59%	3.63%	5.45	0	-5.47%
TIP	iShares TIPS Bond Fd	Inflation-Protected Bon	0.67%	+31	-2.05%	-0.55%	-0.37%	0.73	-1	-17.26%
INDA	iShares MSCI India	Emerging Markets Equi	0.66%	+30	-7.48%	-5.21%	-2.76%	12.09	-1	-7.58%
XLV	Health Care Select SPDR *	Health & Biotech Equiti	0.64%	+29	-2.90%	-5.48%	-1.50%	8.95	0	-5.50%
HEZU	iShares Currency Hedged MSCI Eurozon	Europe Equities	0.63%	+28	-2.35%	-0.55%	5.91%	8.77	3	-6.99%
BIV	Vanguard Intermed. Term Bond	Intermediate-Term Bon	0.62%	+27	-2.95%	-1.64%	-1.70%	-0.18	-2	-19.21%
EWD	iShares Sweden Index	Europe Stock	0.62%	+26	-6.96%	-3.58%	4.79%	3.01	-1	-17.68%
IEI	iShares Lehman 3-7 Yr. Tresury	Government Bonds	0.57%	+25	-2.33%	-1.34%	-1.57%	0.00	-1	-12.65%
PXF	PowerShares FTSE RAFI Developed Mar	Foreign Large Cap Equ	0.55%	+24	-4.69%	-3.38%	3.25%	5.40	0	-5.11%
SHY	iShares Lehman 1-3 Year Treasury	Government Bonds	0.54%	+23	-1.02%	-0.46%	-0.30%	0.46	0	-5.05%
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FTGC	First Trust Global Tactical Commodity Str	Commodities	0.54%	+22	-0.13%	3.04%	4.40%	5.75	3	-24.57%

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD	M-Index	DD%
VGSH	Vanguard Short-Term Government	Government Bonds	0.51%	+20	-1.02%	-0.44%	-0.31%	0.31	0	-6.14%
IFGL	iShares FTSE EPRA/NAREIT Global Real	Global Real Estate	0.50%	+19	-8.64%	-4.73%	2.13%	-2.85	-4	-33.33%
PHB	PowerShares High Yield Corp Bond	High Yield Bonds	0.48%	+18	-1.56%	-0.87%	0.33%	0.66	0	-7.22%
VGK	Vanguard European	Europe Equities	0.47%	+17	-4.97%	-3.96%	2.39%	5.65	0	-5.02%
PCY	PowerShares Emerging Markets Sovereig	Emerging Markets Bon	0.46%	+16	-3.83%	-2.04%	0.00%	-0.10	-1	-33.44%
DBC	PowerShares DB Commodity Index	Commodities	0.41%	+15	2.20%	3.17%	4.16%	3.49	3	-25.29%
BND	Vanguard Total Bond Market	Intermediate-Term Bon	0.40%	+14	-2.82%	-1.61%	-1.68%	-0.53	-2	-18.24%
EFA	MSCI EAFE iShares Index Fd	Foreign Large Cap Equ	0.38%	+13	-4.81%	-3.74%	3.74%	6.01	0	-5.39%
LQD	iShares iBoxx \$ Liquid Invest. Gr.	Corporate Bonds	0.38%	+12	-3.49%	-1.71%	-1.17%	-1.22	-2	-21.44%
AGG	iShares Lehman Aggregate Bond	Intermediate-Term Bon	0.36%	+11	-2.87%	-1.66%	-1.73%	-0.66	-2	-17.59%
VGIT	Vanguard Intermediate-Term Gov Bonds	Government Bonds	0.35%	+10	-2.62%	-1.57%	-1.90%	-0.54	-2	-16.73%
FTSM	First Trust Enhanced Short Maturity	Total Bond Market	0.35%	+9	-0.22%	0.32%	0.28%	0.59	0	-0.35%
SCZ	iShares MSCI EAFE Small-Cap	Foreign Small & Mid Ca	0.33%	+8	-6.09%	-3.71%	2.73%	2.67	-1	-19.64%
XRT	SPDR S&P Retail *	Consumer Discretionar	0.29%	+7	-3.02%	-1.07%	1.92%	4.40	1	-27.52%
GOVT	iShares Core U.S. Treasury Bond	Government Bonds	0.27%	+6	-2.76%	-1.64%	-2.06%	-0.78	-2	-19.22%
IEV	S&P Europe 350 Index	Europe Stock	0.25%	+5	-4.95%	-3.99%	2.68%	5.69	0	-4.95%
FLOT	iShares Floating Rate Bond	Corporate Bonds	0.20%	+4	0.04%	-0.02%	0.61%	0.87	0	-0.18%
TOTL	SPDR DoubleLine Total Return Tactical	Total Bond Market	0.19%	+3	-3.11%	-2.07%	-2.19%	-0.10	-2	-20.14%
BOND	PIMCO Total Return Active Exchange-Tra	Total Bond Market	0.18%	+2	-2.93%	-1.74%	-1.86%	-0.38	-2	-18.63%
IEF	iShares Lehman 7-10 Yr Treasury	Government Bonds	0.01%	+1	-3.56%	-2.25%	-2.86%	-1.56	-3	-22.89%
RSX	Market Vectors Russia	Emerging Markets Equi	0.00%	-1	0.00%	0.00%	0.00%	0.00	0	-83.14%
DEM	WisdomTree Emerg. Mkts Hi-Yld E.	Emerging Mkts Equities	-0.01%	-2	-4.16%	-2.55%	2.41%	5.38	0	-14.74%
BAB	PowerShares Build America Bond Portfoli	National Munis	-0.10%	-3	-3.26%	-2.41%	-2.98%	-0.67	-2	-22.83%
BWX	SPDR Lehman Intl Treasury Bond	World Gov Bond	-0.12%	-4	-5.33%	-2.84%	-1.73%	-4.18	-4	-29.38%
FM	iShares MSCI Frontier 100 Fund	Emerging Markets Equi	-0.12%	-5	0.29%	-0.14%	0.11%	4.90	1	-24.12%
DXJ	Wisdom Tree Japan Hedged Equity	Japan Stock	-0.25%	-6	2.25%	-1.14%	10.04%	20.81	8	-9.55%
BKLN	PowerShares Exchange-Traded Fund Tru	High Yield Bonds	-0.33%	-7	0.29%	-0.24%	0.62%	-0.76	0	-10.25%
FXH	1st Trust Health Care AlphaDEX	Health & Biotech Equiti	-0.34%	-8	-3.92%	-5.93%	-2.36%	3.41	-2	-16.42%
MUB	iShares S&P National Muni Bond	National Munis	-0.35%	-9	-1.57%	-0.63%	-1.17%	-1.31	-1	-9.28%
VCLT	Vanguard Long-Term Corporate Bond	Corporate Bonds	-0.35%	-10	-4.92%	-2.39%	-2.05%	-3.34	-3	-31.42%
GUNR	FlexShares Global Upstream Natural Res	Commodity Producers	-0.36%	-11	-2.04%	-0.69%	2.88%	-1.32	0	-17.41%
GSG	iShares GSCI Commodity Index	Commodities.	-0.37%	-12	2.18%	2.28%	3.66%	7.28	4	-18.30%
MOO	VanEck Vectors Agribusiness	Commodity Producers	-0.39%	-13	-4.59%	-1.90%	3.78%	-5.29	-2	-33.40%
HEWJ	iShares Currency Hedged MSCI Japan	Japan Equities	-0.45%	-14	1.63%	-2.12%	9.36%	17.53	7	-9.94%
EFG	iShares MSCI EAFE Growth Index	Foreign Large Cap Equ	-0.53%	-15	-5.09%	-4.70%	3.82%	5.74	0	-10.12%
EZU	European Monetary Union Index	Europe Stock	-0.55%	-16	-5.65%	-3.04%	4.31%	5.00	0	-5.68%
GNR	SPDR S&P Global Natural Resources	Commodity Producers	-0.60%	-17	-3.06%	-1.02%	3.30%	-0.99	0	-14.08%
PZA	Pshares Insured National Munis	National Munis	-0.62%	-18	-1.86%	-0.50%	-1.98%	-1.94	-2	-13.84%
FXE	CurrencyShares Euro Currency Trust	Currency	-0.66%	-19	-3.33%	-2.42%	-0.97%	-2.27	-2	-17.22%
IHDG	WisdomTree International Hedged Divide	Foreign Large Cap Equ	-0.73%	-20	-1.79%	-3.28%	3.13%	6.86	1	-4.08%
FXY	CurrencyShares Japanese Yen Trust	Currency	-0.81%	-21	-6.71%	-4.14%	-3.87%	-7.83	-6	-37.26%
IYE	Dow Jones US Energy	Specialty-Natural Res.	-0.82%	-22	2.35%	-1.89%	1.51%	6.82	2	-7.90%
XLE	Energy Select Sector *	Energy Equities	-0.84%	-23	2.96%	-1.65%	1.55%	7.07	2	-8.47%

Ticker	ETF Name	Orientation	%M/A		4 wk	8 wk	12 wk	YTD	M-Index	DD%
VDE	Vanguard Energy VIPERS	Energy Equities	-0.86%	-24	2.95%	-1.66%	1.55%	6.86	2	-8.32%
BLV	Vanguard Long Term Bond	Long-Term Bond	-0.87%	-25	-5.47%	-3.28%	-3.88%	-4.38	-4	-39.33%
IXC	S&P Global Energy	Energy Equities	-0.88%	-26	2.16%	-1.79%	2.03%	5.34	2	-7.95%
RWX	SPDR DJ Wil Intern. RE	Real Estate	-0.93%	-27	-8.54%	-6.19%	0.12%	-6.63	-5	-40.90%
TLH	iShares Lehman 10-20 Yr Treasury	Government Bonds	-1.00%	-28	-5.59%	-3.55%	-5.03%	-4.30	-5	-39.88%
FEZ	SPDR Euro Stoxx 50	Europe Stock	-1.01%	-29	-5.63%	-3.33%	4.81%	6.21	1	-5.82%
DBJP	Deutsche X-Trackers MSCI Japan Hedge	Japan Equities	-1.20%	-30	2.05%	-1.46%	9.98%	15.59	7	-9.66%
VPL	Vanguard Pacific ETF	Asia Pacific Equities	-1.23%	-31	-5.65%	-4.97%	3.27%	2.67	-1	-13.67%
EFZ	ProSharesShort MSCI EAFE	Inverse Equities	-1.58%	-32	5.72%	3.08%	-4.17%	-6.24	0	-54.95%
DFE	Wisdom Tree Europe SmCap Div.	Europe Stock	-1.73%	-33	-6.21%	-6.08%	-1.55%	0.25	-3	-24.43%
TLT	iShares 20+ Treas. Bd	Government Bonds	-1.94%	-34	-6.52%	-4.51%	-6.25%	-6.82	-6	-46.30%
EWJ	iShares Japan Index	Japan Stock	-2.66%	-35	-5.40%	-6.57%	4.01%	4.83	-1	-9.28%
EWN	iShares Netherlands Index	Europe Stock	-3.06%	-36	-6.52%	-5.75%	2.57%	7.26	-1	-10.99%
HEWG	iShares Currency Hedged MSCI Germany	Europe Equities	-3.30%	-37	0.00%	0.00%	-1.02%	2.20	0	-9.09%
HEDJ	WisdomTree Europe Hedged Equity	Europe Equities	-3.42%	-38	-3.01%	-1.91%	3.89%	2.96	0	-47.43%
EDV	Vanguard Extended Duration Treasury	Government Bonds	-3.50%	-39	-9.26%	-6.51%	-8.85%	-10.34	-9	-59.27%
ZROZ	PIMCO 25 Yr Zero Coupon US Treas Idx	Government Bonds	-3.66%	-40	-9.52%	-7.25%	-9.29%	-12.35	-10	-60.63%
EWQ	iShares France Index	Europe Stock	-3.86%	-41	-6.98%	-4.09%	1.84%	-2.37	-3	-10.17%
DOG	ProShares Short Dow 30	Bear Market	-5.18%	-42	0.93%	-1.64%	-5.62%	-8.99	-4	-69.78%
EWY	iShares S. Korea Index	Pacific Asia/excl. Japan	-5.22%	-43	-7.84%	-6.66%	-3.79%	-6.70	-6	-36.46%
ILF	iShares S&P 40 Latin America	Latin America Stock	-5.34%	-44	-3.56%	-2.85%	5.66%	-13.32	-4	-36.23%
RWM	ProShares Short Russell2000	Inverse Equities	-5.89%	-45	1.11%	-0.47%	-5.19%	-9.01	-3	-69.61%
IEO	iShares DJ Oil & Gas Expl.&Prod.	Energy Equities	-6.44%	-46	1.25%	-5.51%	-0.58%	-0.98	-1	-17.56%
FXN	1st Trust Energy AlphaDEX	Energy Equities	-6.68%	-47	1.60%	-5.34%	-2.72%	-1.32	-2	-15.10%
EWZ	iShares Brazil Index	Latin America Stock	-6.87%	-48	-5.38%	-5.83%	3.50%	-19.54	-7	-41.89%
HDGE	Ranger Equity Bear	Inverse Equities	-7.07%	-49	-0.16%	-2.84%	-6.28%	-3.50	-3	-83.54%
SH	Short S&P 500 ProShares ETF	Inverse Equities	-7.52%	-50	-0.73%	-3.05%	-7.84%	-16.78	-7	-74.05%
IYG	Dow Jones US Financial Serv's	Specialty-Financial	-11.00%	-51	4.17%	2.69%	11.35%	-58.88	-10	-63.80%
TUR	iShares Turkey Investment Index	Emerging Markets Equi	-13.42%	-52	-8.89%	-9.58%	-17.54%	3.81	-8	-28.88%
EWW	iShares Mexico Index	Latin America Stock	-13.69%	-53	-2.56%	-0.87%	-2.58%	-22.51	-7	-25.49%
IYK	Dow Jones US Cons. Goods	Consumer Staples Equi	-18.04%	-54	-2.13%	-2.56%	-0.95%	-64.02	-17	-67.68%
SOXX	iShares PHLX SOX Semiconductor Secto	Technology Equities	-18.23%	-55	-1.33%	-0.67%	11.01%	-60.15	-13	-66.71%
IHE	iShares DJ US Pharmaceuticals	Health & Biotech Equiti	-18.36%	-56	-0.67%	-4.46%	1.41%	-62.45	-17	-66.64%
IJH	S&P MidCap 400	Mid-Cap Blend	-19.03%	-57	-0.24%	0.37%	5.43%	-77.59	-18	-78.62%
IYT	Dow Jones Transportation	Transportation Equities	-25.59%	-58	1.19%	3.37%	11.03%	-73.50	-14	-75.33%
IGV	iShares North American Tech-Software	Technology Equities	-28.79%	-59	3.32%	6.22%	14.95%	-77.27	-13	-79.35%
IYH	Dow Jones US Healthcare	Specialty-Health	-32.74%	-60	-2.93%	-5.51%	-0.98%	-78.09	-22	-79.75%
IHF	iShares DJ US Healthcare Provid's	Health & Biotech Equiti	-35.24%	-61	-7.35%	-9.79%	-6.59%	-79.92	-26	-82.19%
SCHA	Schwab U.S. Small-Cap	Small Cap Blend Equiti	-45.15%	-62	-50.20%	-49.94%	-47.06%	-45.83	-48	-76.77%
SCHP	Schwab U.S. TIPs	Inflation-Protected Bon	-47.66%	-63	-51.02%	-50.33%	-50.22%	-49.64	-50	-58.85%
SCHO	Schwab Short-Term U.S. Treasury	Government Bonds	-47.75%	-64	-50.52%	-50.25%	-50.17%	-49.91	-50	-53.08%
SCHZ	Schwab US Aggregate Bond	Total Bond Market	-47.80%	-65	-51.41%	-50.81%	-50.88%	-50.36	-51	-59.35%
SCHR	Schwab Intermediate-Term U.S. Treasury	Government Bonds	-47.81%	-66	-51.30%	-50.80%	-50.95%	-50.32	-51	-58.11%
SCHX	Schwab U.S. Large-Cap	Large Cap Blend Equiti	-61.89%	-67	-66.20%	-65.72%	-63.72%	-59.49	-64	-80.06%

Ticker	ETF Name	Orientation	%M/A	4 wk	8 wk 12 wk	YTD M-Index	DD%
SCHB	Schwab U.S. Broad Market	All Cap Equities	-61.97%	-68 -66.24%	-65.79% -63.78%	-59.83 -64	-80.34%
SCHV	Schwab U.S. Large-Cap Value	Large Cap Value Equiti	-62.62%	-69 -66.66%	-66.39% -64.43%	-61.90 -65	-66.78%
FNDX	Schwab Fundamental U.S. Large Compa	Large Cap Value Equiti	-62.62%	-70 -66.67%	-66.35% -64.50%	-61.51 -65	-66.78%
SCHD	Schwab US Dividend Equity	All Cap Equities	-62.83%	-71 -66.59%	-66.70% -65.16%	-63.02 -65	-66.91%
SCHM	Schwab U.S. Mid Cap	Mid Cap Blend Equities	-63.17%	-72 -66.73%	-66.13% -64.29%	-63.29 -65	-66.84%
SCHG	Schwab U.S. Large-Cap Growth	Large Cap Growth Equi	-70.73%	-73 -74.36%	-73.85% -72.30%	-67.96 -72	-84.06%