Weekly ETF Equity Select List



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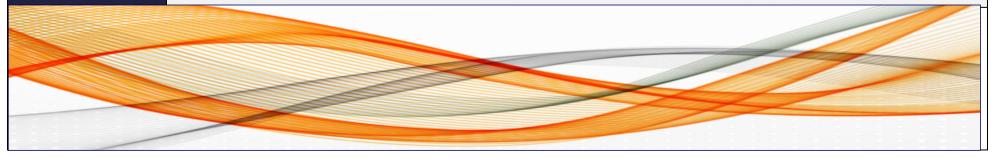
About the ETFG ETP Weekly Select List

The ETF Global Weekly ETF Select List has been designed to support both Financial Professionals and Investors with their respective Exchange-Traded-Fund selection processes. Once the investor's risk tolerance, investment goals and resulting asset-allocation have been determined, the ETFG Weekly ETF Select List points to the highest-rated ETFs to fit the investment needs and goals of that specific portfolio.

Developed by the Research team at ETF Global, the ETFG Weekly ETF Select List features the 5 most highly rated ETFs by Sector, Geographic Region and Strategy as ranked by the ETFG Quant model. This weekly reference guide enables you to quickly and easily identify ETFs which meet your chosen criteria. Because the list highlights just five ETFs per category and the ETFG Quant model is cross-sectional in its rankings, each ETF on the list has earned its respective spot by achieving the highest relative scoring versus its eligible peer group. The universe of equity ETFs reviewed by ETFG Quant represents the broadest range of industry groups, sectors and geographic regions.

- The selection pool includes all U.S. listed, equity ETFs, excluding levered and inverse funds
- The ETFG Quant model assigns a daily ranking to all relevant products using proprietary algorithms and employing dozens of industry metrics.
- ETFG Quant has four primary drivers: Behavioral Finance (Technical Analysis & Sentiment), Fundamental Analysis, Global Themes and Quality
- Selection is performed prior to trading on Monday of each week

To best support the ETF selection process, ETF Global strongly encourages viewers to perform a more comprehensive review of the overall ETFG Quant rankings and to utilize the additional tools and resources available at www.etfg.com to further research and diligence exchange-traded-funds.



Equity ETF Select List - Sectors

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Ticker	Name	Focus	Region	TER	Risk*	Reward*	Quant*
1 XME	SPDR S&P Metals & Mining ETF	Basic Materials	North America	0.35%	5.69	7.03	62.70
2 FXZ	First Trust Materials AlphaDEX Fund	Basic Materials	North America	0.64%	5.41	7.22	62.40
3 FMAT	Fidelity MSCI Materials Index ETF	Basic Materials	North America	0.08%	3.59	6.86	58.40
4 GDX	VanEck Vectors Gold Miners ETF	Basic Materials	Global	0.53%	4.82	6.41	57.90
5 GOAU	U.S. Global GO GOLD and Precious Metal Miners ETF	Basic Materials	Global	0.60%	5.89	6.89	57.40
1 XRT	SPDR S&P Retail ETF	Consumer Discretionary	North America	0.35%	4.53	7.38	63.70
2 PEJ	Invesco Dynamic Leisure and Entertainment ETF	Consumer Discretionary	North America	0.63%	5.87	7.21	61.50
3 PSCD	Invesco S&P SmallCap Consumer Discretionary ETF	Consumer Discretionary	North America	0.29%	5.06	7.28	59.60
4 <u>XHB</u>	SPDR S&P Homebuilders ETF	Consumer Discretionary	North America	0.35%	2.44	5.70	58.90
5 <u>IBUY</u>	Amplify Online Retail ETF	Consumer Discretionary	Global	0.65%	6.45	6.88	56.60
1 PBJ	Invesco Dynamic Food & Beverage ETF	Consumer Staples	North America	0.63%	3.93	7.25	63.70
2 FTXG	First Trust Nasdaq Food & Beverage ETF	Consumer Staples	North America	0.60%	4.18	6.89	59.90
3 FXG	First Trust Consumer Staples AlphaDEX Fund	Consumer Staples	North America	0.64%	3.90	6.26	57.30
4 PSCC	Invesco S&P SmallCap Consumer Staples ETF	Consumer Staples	North America	0.29%	4.69	6.15	55.90
5 <u>IECS</u>	iShares Evolved U.S. Consumer Staples ETF	Consumer Staples	North America	0.18%	2.53	6.23	55.60
1 PXI	Invesco DWA Energy Momentum ETF	Energy	North America	0.60%	6.03	10.00	82.20
2 RYE	Invesco S&P 500 Equal Weight Energy ETF	Energy	North America	0.40%	6.61	9.69	80.50
3 <u>IXC</u>	iShares Global Energy ETF	Energy	Global	0.47%	6.33	9.71	79.30
4 <u>XLE</u>	Energy Select Sector SPDR Fund	Energy	North America	0.13%	5.42	9.57	79.10
5 <u>OIH</u>	VanEck Vectors Oil Service ETF	Energy	Global	0.35%	5.85	9.61	77.80
1 KRE	SPDR S&P Regional Banking ETF	Financials	North America	0.35%	5.68	9.40	74.20
2 <u>KBE</u>	SPDR S&P Bank ETF	Financials	North America	0.35%	6.00	9.23	73.90
3 BIZD	VanEck Vectors BDC Income ETF	Financials	North America	9.41%	5.81	9.37	73.30
4 KBWD	Invesco KBW High Dividend Yield Financial ETF	Financials	North America	2.42%	6.54	9.27	72.70
5 <u>FXO</u>	First Trust Financial AlphaDEX Fund	Financials	North America	0.63%	5.65	9.21	72.60
1 <u>XBI</u>	SPDR S&P Biotech ETF	Health Care	North America	0.35%	4.72	8.25	68.70
2 <u>IBB</u>	iShares Nasdaq Biotechnology ETF	Health Care	North America	0.47%	4.14	7.96	65.60
3 PBE	Invesco Dynamic Biotechnology & Genome ETF	Health Care	North America	0.59%	2.80	7.07	65.10
4 <u>PPH</u>	VanEck Vectors Pharmaceutical ETF	Health Care	Global	0.35%	3.64	7.29	62.60
5 <u>BBC</u>	Virtus LifeSci Biotech Clinical Trials ETF	Health Care	North America	0.79%	7.03	7.70	61.40
1 JETS	U.S. Global Jets ETF	Industrials	Global	0.60%	6.84	7.56	64.80
2 FLM	First Trust Global Engineering and Construction ETF	Industrials	Global	0.70%	7.52	7.35	63.20
3 AIRR	First Trust RBA American Industrial Renaissance ETF	Industrials	North America	0.70%	5.46	7.30	62.90

4	XTN	SPDR S&P Transportation ETF	Industrials	North America	0.35%	4.98	6.46	60.20
5	PSCI	Invesco S&P SmallCap Industrials ETF	Industrials	North America	0.29%	5.24	6.48	58.20
1	ICE	iShares North American Natural Resources ETF	Natural Resources	Global	0.47%	5.35	7.00	62.40
	<u>IGE</u>			0.0.00.				
		FlexShares Global Upstream Natural Resources Index Fund	Natural Resources	Global	0.46%	4.79	6.98	61.20
3	WOOD	iShares Global Timber & Forestry ETF	Natural Resources	Global	0.47%	6.80	6.72	58.70
4	GRES	IQ Global Resources ETF	Natural Resources	Global	0.78%	4.78	6.71	57.50
5	<u>GNR</u>	SPDR S&P Global Natural Resources ETF	Natural Resources	Global	0.40%	5.86	6.20	56.80
1	IPAY	ETFMG Prime Mobile Payments ETF	Technology	Global	0.75%	6.29	7.47	59.00
2	FONE	First Trust Nasdaq Smartphone Index Fund	Technology	Global	0.70%	6.69	6.86	57.60
3	IFLY	ETFMG Drone Economy Strategy ETF	Technology	Global	0.75%	7.55	7.21	57.00
4	IGN	iShares North American Tech-Multimedia Networking ETF	Technology	North America	0.47%	4.51	6.72	56.90
5	<u>XWEB</u>	SPDR S&P Internet ETF	Technology	North America	0.35%	5.84	6.44	55.70
1	XTL	SPDR S&P Telecom ETF	Telecommunications	North America	0.35%	4.15	6.86	57.10
2	IYZ	iShares US Telecommunications ETF	Telecommunications	North America	0.43%	2.62	5.90	51.80
3	EWCO	Invesco S&P 500 Equal Weight Communication Services ETF	Telecommunications	North America	0.40%	5.22	5.92	51.50
4	XLC	Communication Services Select Sector SPDR Fund	Telecommunications	North America	0.13%	3.67	5.23	48.90
5	FCOM	Fidelity MSCI Telecommunication Services Index ETF	Telecommunications	North America	0.08%	2.40	3.24	34.80
1	FUTY	Fidelity MSCI Utilities Index ETF	Utilities	North America	0.08%	3.29	7.25	62.70
2	PUI	Invesco DWA Utilities Momentum ETF	Utilities	North America	0.60%	4.15	5.55	54.20
3	JHMU	John Hancock Multifactor Utilities ETF	Utilities	North America	0.40%	5.22	5.79	52.50
4	RYU	Invesco S&P 500 Equal Weight Utilities ETF	Utilities	North America	0.40%	5.43	4.92	50.80
5	<u>XLU</u>	Utilities Select Sector SPDR Fund	Utilities	North America	0.13%	3.79	4.25	46.80

Equity ETF Select List - Geography

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	Ticker	Name	Region	Focus	TER	Risk*	Reward*	Quant*
1	THD	iShares MSCI Thailand ETF	Asia-Pacific	Broad Equity	0.59%	5.87	9.63	75.60
2	DVYA	iShares Asia/Pacific Dividend ETF	Asia-Pacific	High Dividend Yield	0.49%	6.27	8.35	67.50
3	EWS	iShares MSCI Singapore ETF	Asia-Pacific	Broad Equity	0.47%	4.24	7.73	65.50
4	EIDO	iShares MSCI Indonesia ETF	Asia-Pacific	Broad Equity	0.59%	4.68	8.01	64.70
5	<u>CHIX</u>	Global X MSCI China Financials ETF	Asia-Pacific	Financials	0.65%	4.79	8.30	64.00
1	EWO	iShares MSCI Austria ETF	Europe	Broad Equity	0.47%	5.92	7.49	61.70
2	<u>TUR</u>	iShares MSCI Turkey ETF	Europe	Broad Equity	0.59%	7.34	7.10	60.00
3	<u>EWP</u>	iShares MSCI Spain ETF	Europe	Broad Equity	0.47%	5.98	6.81	59.00
4	<u>FEU</u>	SPDR STOXX Europe 50 ETF	Europe	Large Cap	0.29%	6.29	6.80	57.50
5	<u>EWU</u>	iShares MSCI United Kingdom ETF	Europe	Broad Equity	0.47%	4.38	6.35	57.20
1	IXC	iShares Global Energy ETF	Global	Energy	0.47%	6.33	9.71	79.30
2	OIH	VanEck Vectors Oil Service ETF	Global	Energy	0.35%	5.85	9.61	77.80
3	FILL	iShares MSCI Global Energy Producers ETF	Global	Energy	0.39%	5.53	9.52	75.50
4	KOL	VanEck Vectors Coal ETF	Global	Energy	0.60%	7.30	9.22	74.60
5	<u>FRAK</u>	VanEck Vectors Unconventional Oil & Gas ETF	Global	Energy	0.54%	6.60	9.06	73.70
1	<u>MOTI</u>	VanEck Vectors Morningstar International Moat ETF	Global Ex-U.S.	Broad Equity	0.56%	5.53	7.28	60.40
2	<u>FIDI</u>	Fidelity International High Dividend ETF	Global Ex-U.S.	High Dividend Yield	0.39%	4.65	7.16	59.30
3	<u>EFAD</u>	ProShares MSCI EAFE Dividend Growers ETF	Global Ex-U.S.	Broad Equity	0.50%	4.31	6.68	58.50
4	<u>FID</u>	First Trust S&P International Dividend Aristocrats ETF	Global Ex-U.S.	Broad Equity	0.60%	5.05	6.73	57.60
5	<u>IDOG</u>	ALPS International Sector Dividend Dogs ETF	Global Ex-U.S.	Large Cap	0.50%	6.02	6.59	57.10
1	<u>ECH</u>	iShares MSCI Chile ETF	Latin America	Broad Equity	0.59%	6.04	9.29	75.00
2	<u>EWW</u>	iShares MSCI Mexico ETF	Latin America	Broad Equity	0.47%	5.51	7.03	61.20
	<u>AGT</u>	iShares MSCI Argentina and Global Exposure ETF	Latin America	Broad Equity	0.59%	5.70	7.42	60.70
4	<u>ILF</u>	iShares Latin America 40 ETF	Latin America	Large Cap	0.48%	6.42	6.72	59.30
5	<u>EPU</u>	iShares MSCI Peru ETF	Latin America	Broad Equity	0.59%	6.54	7.19	58.90
1	<u>EZA</u>	iShares MSCI South Africa ETF	Middle East & Africa	Broad Equity	0.59%	6.30	6.69	56.90
2	<u>AFK</u>	VanEck Vectors Africa Index ETF	Middle East & Africa	Broad Equity	0.84%	6.45	6.86	55.40
3		iShares MSCI UAE Capped ETF	Middle East & Africa	Broad Equity	0.59%	4.49	6.51	54.30
4	<u>GULF</u>	WisdomTree Middle East Dividend Fund	Middle East & Africa	Broad Equity	0.88%	4.85	5.46	49.30
5	<u>EGPT</u>	VanEck Vectors Egypt Index ETF	Middle East & Africa	Broad Equity	0.94%	7.44	5.48	47.50
1	<u>PXI</u>	Invesco DWA Energy Momentum ETF	North America	Energy	0.60%	6.03	10.00	82.20
2	<u>RYE</u>	Invesco S&P 500 Equal Weight Energy ETF	North America	Energy	0.40%	6.61	9.69	80.50

3	XLE	Energy Select Sector SPDR Fund	North America	Energy	0.13%	5.42	9.57	79.10
4	XOP	SPDR S&P Oil & Gas Exploration & Production ETF	North America	Energy	0.35%	5.12	9.08	77.00
5	<u>VDE</u>	Vanguard Energy ETF	North America	Energy	0.10%	5.59	9.15	75.50
1	FEM	First Trust Emerging Markets AlphaDEX Fund	Emerging Markets	Broad Equity	0.80%	5.84	8.16	66.00
2	DGS	WisdomTree Emerging Markets SmallCap Dividend Fund	Emerging Markets	Small Cap	0.63%	4.95	8.10	65.70
3	<u>DVYE</u>	iShares Emerging Markets Dividend ETF	Emerging Markets	High Dividend Yield	0.49%	5.48	7.61	63.40
4	EMDV	ProShares MSCI Emerging Markets Dividend Growers ETF	Emerging Markets	Broad Equity	0.60%	6.29	7.76	62.40
5	<u>EDIV</u>	SPDR S&P Emerging Markets Dividend ETF	Emerging Markets	High Dividend Yield	0.49%	5.21	7.06	59.00
1	PID	Invesco International Dividend Achievers ETF	Developed Markets	High Dividend Yield	0.55%	5.44	6.91	59.10
2	GCOW	Pacer Global Cash Cows Dividend ETF	Developed Markets	High Dividend Yield	0.60%	5.80	6.99	58.50
3	<u>ISDS</u>	Invesco Strategic Developed ex-US Small Company ETF	Developed Markets	Small Cap	0.35%	3.77	6.64	56.40
4	IDV	iShares International Select Dividend ETF	Developed Markets	High Dividend Yield	0.50%	5.26	6.21	56.10
5	<u>FDTS</u>	First Trust Developed Markets ex-US Small Cap AlphaDEX Fund	Developed Markets	Small Cap	0.80%	6.64	6.55	55.90

Equity ETF Select List - Strategies

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T	icker	Name	Focus	Region	TER	Risk*	Reward*	Quant*	
1 <u>CS</u>	D	Invesco S&P Spin-Off ETF	Alpha-Seeking	North America	0.64%	4.49	7.75	68.20	
2 <u>D\</u>	WAQ	Invesco DWA NASDAQ Momentum ETF	Alpha-Seeking	North America	0.60%	5.13	7.24	60.00	
3 <u>RY</u>	<u>()</u>	Invesco Raymond James SB-1 Equity ETF	Alpha-Seeking	North America	0.75%	5.84	6.97	59.40	
4 <u>M</u>	OAT	VanEck Vectors Wide Moat ETF	Alpha-Seeking	North America	0.48%	4.11	6.17	56.70	
5 <u>W</u>	MW	ELEMENTS Linked to the Morningstar Wide Moat Focus Total Return Ir	Alpha-Seeking	North America	0.75%	5.29	6.80	56.30	
1 TI	ID	iShares MSCI Thailand ETF	Broad Equity	Asia-Pacific	0.59%	5.87	9.63	75.60	
2 EC	H	iShares MSCI Chile ETF	Broad Equity	Latin America	0.59%	6.04	9.29	75.00	
3 <u>A</u> (CIM	SPDR MSCI ACWI IMI ETF US	Broad Equity	Global	0.25%	6.91	8.26	66.20	
4 FE	M	First Trust Emerging Markets AlphaDEX Fund	Broad Equity	Emerging Markets	0.80%	5.84	8.16	66.00	
5 <u>EV</u>	<u>vs</u>	iShares MSCI Singapore ETF	Broad Equity	Asia-Pacific	0.47%	4.24	7.73	65.50	
1 FG	SD.	First Trust DJ Global Select Dividend Index Fund	High Dividend Yield	Global	0.58%	6.55	8.83	71.00	
	CHD	Schwab US Dividend Equity ETF	High Dividend Yield	North America	0.07%	3.32	8.38	68.90	
3 SP	PHD	Invesco S&P 500 High Dividend Low Volatility ETF	High Dividend Yield	North America	0.30%	4.92	8.03	68.20	
4 D\	VYA	iShares Asia/Pacific Dividend ETF	High Dividend Yield	Asia-Pacific	0.49%	6.27	8.35	67.50	
5 <u>D\</u>	<u>/Y</u>	iShares Select Dividend ETF	High Dividend Yield	North America	0.39%	5.45	7.84	67.10	
1 <u>CL</u>	.IX	ProShares Long Online/Short Stores ETF	Long/Short	North America	0.65%	5.44	7.53	61.30	
2 <u>JP</u>	<u>LS</u>	JPMorgan Long/Short ETF	Long/Short	Developed Markets	0.69%	3.03	5.90	51.60	
3 <u>Q</u> I	MN	IQ Hedge Market Neutral Tracker ETF	Long/Short	Global	1.01%	2.76	6.18	51.40	
4 <u>M</u>	RGR	ProShares Merger ETF	Long/Short	Global	0.75%	3.35	5.75	51.20	
5 <u>M</u>	<u>NA</u>	IQ Merger Arbitrage ETF	Long/Short	Global	0.78%	2.05	5.23	48.70	
1 <u>PF</u>	XF	VanEck Vectors Preferred Securities ex Financials ETF	Preferred Stock	Global	0.41%	2.40	7.14	60.50	
2 <u>V</u> F		Invesco Variable Rate Preferred ETF	Preferred Stock	North America	0.50%	3.10	6.67	57.60	
3 FP	E	First Trust Preferred Securities and Income ETF	Preferred Stock	Global	0.85%	2.68	5.77	52.00	
4 <u>IP</u>		iShares International Preferred Stock ETF	Preferred Stock	Developed Markets	0.55%	4.04	5.76	51.90	
5 <u>PC</u>	<u>SF</u>	Invesco Financial Preferred ETF	Preferred Stock	North America	0.63%	1.45	5.21	51.70	
1 <u>VE</u>	TS	Pacer Military Times Best Employers ETF	Theme	Global	0.60%	6.99	8.07	65.80	
2 <u>X</u> k	<u>(CP</u>	SPDR Kensho Clean Power ETF	Theme	North America	0.45%	6.74	8.16	65.60	
3 <u>EC</u>	<u>QRR</u>	Proshares Equities For Rising Rates ETF	Theme	North America	0.35%	6.96	7.45	62.70	
4 <u>O</u>	NLN	ProShares Online Retail ETF	Theme	Global	0.58%	6.06	7.70	62.60	
5 <u>IF</u> I	<u>RA</u>	iShares U.S. Infrastructure ETF	Theme	North America	0.40%	5.43	6.65	60.20	
1 01	MFL	Oppenheimer Russell 1000 Dynamic Multifactor ETF	Large Cap	North America	0.29%	4.44	7.84	64.90	
2 <u>CC</u>	COR	Cambria Core Equity ETF	Large Cap	North America	1.05%	4.49	7.90	64.50	

3	<u>SPHB</u>	Invesco S&P 500 High Beta ETF	Large Cap	North America	0.25%	5.29	7.38	64.20
4	<u>SPVU</u>	Invesco S&P 500 Enhanced Value ETF	Large Cap	North America	0.13%	5.13	7.54	62.60
5	<u>RPV</u>	Invesco S&P 500 Pure Value ETF	Large Cap	North America	0.35%	5.40	7.10	62.00
1	RFV	Invesco S&P MidCap 400 Pure Value ETF	Mid Cap	North America	0.35%	5.70	9.26	72.90
2	EZM	WisdomTree U.S. MidCap Earnings Fund	Mid Cap	North America	0.38%	5.42	8.59	69.30
3	<u>IVOV</u>	Vanguard S&P Mid-Cap 400 Value ETF	Mid Cap	North America	0.20%	5.42	8.16	67.50
4	PXMV	Invesco Russell MidCap Pure Value ETF	Mid Cap	North America	0.39%	5.68	7.97	64.40
5	<u>FNX</u>	First Trust Mid Cap Core AlphaDEX Fund	Mid Cap	North America	0.63%	5.59	7.46	62.70
1	<u>IWN</u>	iShares Russell 2000 Value ETF	Small Cap	North America	0.24%	5.08	9.12	73.10
2	<u>IJR</u>	iShares Core S&P Small-Cap ETF	Small Cap	North America	0.07%	4.53	8.75	71.80
3	<u>IJS</u>	iShares S&P Small-Cap 600 Value ETF	Small Cap	North America	0.25%	6.00	8.63	70.40
4	VIOO	Vanguard S&P Small-Cap 600 ETF	Small Cap	North America	0.15%	5.13	8.52	69.20
5	<u>VIOV</u>	Vanguard S&P Small-Cap 600 Value ETF	Small Cap	North America	0.20%	5.54	8.41	68.50
1	<u>IWC</u>	iShares Micro-Cap ETF	Micro Cap	North America	0.60%	5.63	8.82	69.90
2	<u>FDM</u>	First Trust Dow Jones Select Microcap Index Fund	Micro Cap	North America	0.60%	6.02	8.61	68.90
3	DWMC	AdvisorShares Dorsey Wright Micro-Cap ETF	Micro Cap	North America	0.99%	6.60	8.07	63.60

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*ETF Global 10 Red Diamond Risk Rating: An ETFG 10 Red Diamond Risk Rating represents the ETFs with the highest risk rating. A 1 Red Diamond Risk Rating represents the ETFs with the lowest risk ratings. ETFG's Risk Rating measures two primary risk categories: Price Risk and Integrity Risk. Price and Integrity risk are equally weighted in the overall risk rating with Price Risk calculating 7 equally weighted underlying measurements covering such aspects as volatility and deviation. Integrity Risk calculates 8 equally weighted underlying measurements regarding the structure and trading characteristics of the security and its sponsor. The Overall Risk Rating Score is aggregated and carried to two decimal places to generate the ETFG Red Diamond Risk Rating.

*ETF Global 10 Green Diamond Reward Rating: An ETF Global 10 Green Diamond Reward Rating reflects an ETF with the most attractive reward rating and a Green Diamond Reward Rating of 1 reflects an individual ETF carrying the least attractive reward rating. ETFG's Green Diamond Reward Rating System is calculated utilizing the ETFG proprietary Model measuring two primary reward categories:

Fundamental and Behavioral. Fundamental and Behavioral are equally weighted and driven by ETFG's proprietary algorithms in 25 underlying fields. The Overall Rating Score is aggregated and carried to two decimal places to generate the Reward Rating.

*About the ETFG® Quant Model: The universe of equity ETFs reviewed by ETFG™ Quant represents the broadest range of industry groups, sectors and geographic regions. The ETFG™ Quant model assigns a daily ranking to all relevant products using proprietary algorithms and employing dozens of industry metrics to gauge how likely an equity ETF will outperform the market in the foreseeable future. ETFG™ Quant evaluates four primary categories that drive the results of the model: Behavioral Finance (Technical Analysis & Sentiment), Fundamental Analysis, Global Themes and Quality. For detailed information

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