Weekly ETF Equity Select List



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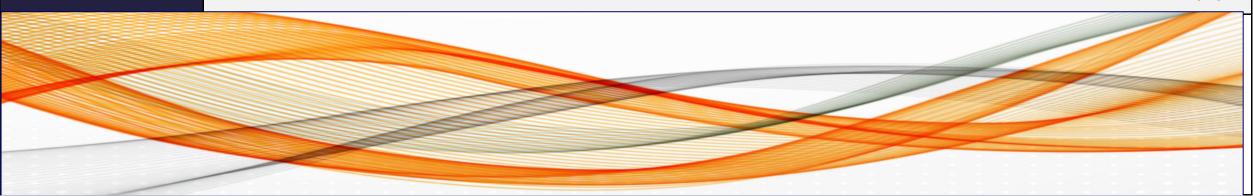
About the ETFG ETP Weekly Select List

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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		, ,				<u>.etfg.con</u>			
Ticker		Focus	Region	TER	Risk*	Reward*	Quant*		
1 <u>XME</u>	SPDR S&P Metals & Mining ETF	Basic Materials	North America	0.35%	5.85	7.05	66.50		
2 PSCM	Invesco S&P SmallCap Materials ETF	Basic Materials	North America	0.29%	5.86	7.41	65.00		
3 <u>FXZ</u>	First Trust Materials AlphaDEX Fund	Basic Materials	North America	0.64%	5.97	6.92	64.10		
4 COPX	Global X Copper Miners ETF	Basic Materials	Global	0.65%	8.06	6.85	62.50		
5 GDX	VanEck Vectors Gold Miners ETF	Basic Materials	Global	0.53%	4.96	6.47	62.20		
1 XRT	SPDR S&P Retail ETF	Consumer Discretionary	North America	0.35%	4.87	8.62	73.50		
2 PSCD	Invesco S&P SmallCap Consumer Discretionary ETF	Consumer Discretionary	North America	0.29%	5.39	8.89	71.10		
3 RCD	Invesco S&P 500 Equal Weight Consumer Discretionary ETF	Consumer Discretionary	North America	0.40%	5.85	7.14	64.20		
4 <u>ITB</u>	iShares U.S. Home Construction ETF	Consumer Discretionary	North America	0.43%	4.34	6.95	63.30		
5 <u>XHB</u>	SPDR S&P Homebuilders ETF	Consumer Discretionary	North America	0.35%	2.80	5.54	62.50		
1 FTXG	First Trust Nasdaq Food & Beverage ETF	Consumer Staples	North America	0.60%	4.71	6.03	58.70		
2 <u>KXI</u>	iShares Global Consumer Staples ETF	Consumer Staples	Global	0.47%	6.03	5.02	55.10		
3 RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	Consumer Staples	North America	0.40%	4.41	4.30	53.40		
4 IECS	iShares Evolved U.S. Consumer Staples ETF	Consumer Staples	North America	0.18%	2.96	5.03	53.30		
5 PBJ	Invesco Dynamic Food & Beverage ETF	Consumer Staples	North America	0.63%	3.94	4.59	53.20		
1 <u>OIH</u>	VanEck Vectors Oil Service ETF	Energy	Global	0.35%	5.86	10.00	81.70		
2 AMLP	Alerian MLP ETF	Energy	North America	0.85%	4.94	9.53	80.20		
3 <u>IEO</u>	iShares U.S. Oil & Gas Exploration & Production ETF	Energy	North America	0.43%	5.73	9.39	79.50		
4 FCG	First Trust Natural Gas ETF	Energy	North America	0.60%	6.01	9.19	78.40		
5 <u>PXE</u>	Invesco Dynamic Energy Exploration & Production ETF	Energy	North America	0.65%	5.49	8.80	77.90		
1 KBWD	Invesco KBW High Dividend Yield Financial ETF	Financials	North America	2.42%	5.60	8.96	74.10		
2 KBWB	Invesco KBW Bank ETF	Financials	North America	0.35%	5.81	8.71	73.20		
3 KBWR	Invesco KBW Regional Banking ETF	Financials	North America	0.35%	7.16	8.91	72.40		
4 QABA	First Trust NASDAQ ABA Community Bank Index Fund	Financials	North America	0.60%	6.46	8.84	71.70		
5 <u>IAT</u>	iShares US Regional Banks ETF	Financials	North America	0.43%	5.72	8.19	69.20		
1 <u>XBI</u>	SPDR S&P Biotech ETF	Health Care	North America	0.35%	5.11	7.35	66.70		
2 CNCR	Loncar Cancer Immunotherapy ETF	Health Care	North America	0.79%	6.91	7.04	62.30		
3 BBH	VanEck Vectors Biotech ETF	Health Care	Global	0.35%	5.26	6.02	58.80		
4 <u>IBB</u>	iShares Nasdaq Biotechnology ETF	Health Care	North America	0.47%	4.40	6.08	58.70		
5 <u>IHF</u>	iShares U.S. Healthcare Providers ETF	Health Care	North America	0.43%	4.96	5.50	55.40		
1 XTN	SPDR S&P Transportation ETF	Industrials	North America	0.35%	4.66	7.43	69.50		
2 <u>PKB</u>	Invesco Dynamic Building & Construction ETF	Industrials	North America	0.58%	6.60	7.06	64.70		
3 AIRR	First Trust RBA American Industrial Renaissance ETF	Industrials	North America	0.70%	5.73	6.91	64.50		

4	JETS	U.S. Global Jets ETF	Industrials	Global	0.60%	6.44	6.85	64.10
5	IYT	iShares Transportation Average ETF	Industrials	North America	0.43%	5.59	6.24	63.30
1	IGE	iShares North American Natural Resources ETF	Natural Resources	Global	0.47%	5.20	7.43	68.40
2	GNR	SPDR S&P Global Natural Resources ETF	Natural Resources	Global	0.40%	5.67	6.39	61.80
3	<u>GRES</u>	IQ Global Resources ETF	Natural Resources	Global	0.78%	4.87	6.80	61.60
4	TBLU	Tortoise Water Fund	Natural Resources	North America	0.40%	5.64	7.01	61.40
5	<u>GUNR</u>	FlexShares Global Upstream Natural Resources Index Fund	Natural Resources	Global	0.46%	4.83	6.23	60.70
1	DTEC	ALPS Disruptive Technologies ETF	Technology	Global	0.50%	5.39	6.99	62.80
2	FONE	First Trust Nasdaq Smartphone Index Fund	Technology	Global	0.70%	6.80	6.41	59.00
3	IFLY	ETFMG Drone Economy Strategy ETF	Technology	Global	0.75%	7.65	6.62	57.30
4	XTH_	SPDR S&P Technology Hardware ETF	Technology	North America	0.35%	6.50	5.77	55.30
5	RYT	Invesco S&P 500 Equal Weight Technology ETF	Technology	North America	0.40%	5.03	5.21	54.80
1	XLC	Communication Services Select Sector SPDR Fund	Telecommunications	North America	0.13%	3.56	5.86	57.00
2	EWCO	Invesco S&P 500 Equal Weight Communication Services ETF	Telecommunications	North America	0.40%	4.70	5.40	53.50
3	FCOM	Fidelity MSCI Telecommunication Services Index ETF	Telecommunications	North America	0.08%	2.22	5.14	51.20
4	XTL	SPDR S&P Telecom ETF	Telecommunications	North America	0.35%	4.94	4.74	50.00
5	<u>IYZ</u>	iShares US Telecommunications ETF	Telecommunications	North America	0.43%	3.07	3.56	44.00
1	JHMU_	John Hancock Multifactor Utilities ETF	Utilities	North America	0.40%	4.93	6.39	60.20
2	<u>FUTY</u>	Fidelity MSCI Utilities Index ETF	Utilities	North America	0.08%	3.16	5.76	58.30
3	<u>PUI</u>	Invesco DWA Utilities Momentum ETF	Utilities	North America	0.60%	3.76	4.54	53.80
4	RYU_	Invesco S&P 500 Equal Weight Utilities ETF	Utilities	North America	0.40%	5.06	4.18	52.20
5	<u>FXU</u>	First Trust Utilities AlphaDEX Fund	Utilities	North America	0.62%	4.12	4.09	51.20

Equity ETF Select List - Geography

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	Ticker	Name	Region	Focus	TER	Risk*		Quant*		
1	THD	iShares MSCI Thailand ETF	Asia-Pacific	Broad Equity	0.59%	5.37	8.19	69.80		
2	EWY	iShares MSCI South Korea ETF	Asia-Pacific	Broad Equity	0.59%	4.49	7.70	67.50		
3	EPHE	iShares MSCI Philippines ETF	Asia-Pacific	Broad Equity	0.59%	5.28	7.47	64.20		
4	DFJ	WisdomTree Japan SmallCap Dividend Fund	Asia-Pacific	Small Cap	0.58%	4.97	7.04	64.00		
5	<u>SCIN</u>	Columbia India Small Cap ETF	Asia-Pacific	Small Cap	0.77%	5.04	7.35	63.00		
1	TUR	iShares MSCI Turkey ETF	Europe	Broad Equity	0.59%	7.21	7.14	64.20		
2	<u>HEWG</u>	iShares Currency Hedged MSCI Germany ETF	Europe	Broad Equity	0.53%	4.93	6.48	61.70		
3	EWO	iShares MSCI Austria ETF	Europe	Broad Equity	0.47%	5.38	6.71	61.00		
4	<u>EUFN</u>	iShares MSCI Europe Financials ETF	Europe	Financials	0.48%	5.29	6.62	61.00		
5	<u>EWGS</u>	iShares MSCI Germany Small-Cap ETF	Europe	Small Cap	0.59%	5.30	6.75	60.90		
1	<u>OIH</u>	VanEck Vectors Oil Service ETF	Global	Energy	0.35%	5.86	10.00	81.70		
2	FRAK	VanEck Vectors Unconventional Oil & Gas ETF	Global	Energy	0.54%	6.43	9.38	77.50		
3	KOL	VanEck Vectors Coal ETF	Global	Energy	0.60%	6.82	8.20	71.00		
4	<u>IGE</u>	iShares North American Natural Resources ETF	Global	Natural Resources	0.47%	5.20	7.43	68.40		
5	<u>IXC</u>	iShares Global Energy ETF	Global	Energy	0.47%	5.84	7.25	68.10		
1	<u>GSIE</u>	Goldman Sachs ActiveBeta International Equity ETF	Global Ex-U.S.	Broad Equity	0.25%	3.46	6.42	60.60		
2	<u>IQLT</u>	iShares Edge MSCI Intl Quality Factor ETF	Global Ex-U.S.	Broad Equity	0.30%	2.60	6.31	60.50		
3	<u>MOTI</u>	VanEck Vectors Morningstar International Moat ETF	Global Ex-U.S.	Broad Equity	0.56%	5.65	6.45	59.80		
4	ESGD	iShares ESG MSCI EAFE ETF	Global Ex-U.S.	Theme	0.20%	4.32	5.93	58.80		
5	<u>JPIN</u>	Diversified Return International Equity ETF	Global Ex-U.S.	Broad Equity	0.38%	4.70	5.97	58.50		
1	<u>EWW</u>	iShares MSCI Mexico ETF	Latin America	Broad Equity	0.47%	5.55	7.35	66.30		
2	<u>ECH</u>	iShares MSCI Chile ETF	Latin America	Broad Equity	0.59%	6.06	7.06	65.10		
3	<u>ILF</u>	iShares Latin America 40 ETF	Latin America	Large Cap	0.48%	6.54	7.10	64.90		
4	<u>EPU</u>	iShares MSCI Peru ETF	Latin America	Broad Equity	0.59%	6.70	7.17	62.30		
5	<u>ARGT</u>	Global X MSCI Argentina ETF	Latin America	Broad Equity	0.59%	7.08	7.26	61.70		
1	<u>EZA</u>	iShares MSCI South Africa ETF	Middle East & Africa	Broad Equity	0.59%	6.99	7.25	63.50		
2	<u>AFK</u>	VanEck Vectors Africa Index ETF	Middle East & Africa	Broad Equity	0.84%	6.50	7.19	60.90		
3	<u>UAE</u>	iShares MSCI UAE Capped ETF	Middle East & Africa	Broad Equity	0.59%	4.84	6.25	56.60		
4	<u>GULF</u>	WisdomTree Middle East Dividend Fund	Middle East & Africa	Broad Equity	0.88%	5.21	5.25	52.10		
5	<u>KSA</u>	iShares MSCI Saudi Arabia Capped ETF	Middle East & Africa	Broad Equity	0.74%	3.63	4.87	51.30		
1	<u>AMLP</u>	Alerian MLP ETF	North America	Energy	0.85%	4.94	9.53	80.20		
2	<u>IEO</u>	iShares U.S. Oil & Gas Exploration & Production ETF	North America	Energy	0.43%	5.73	9.39	79.50		

3	FCG	First Trust Natural Gas ETF	North America	Energy	0.60%	6.01	9.19	78.40
4	PXE	Invesco Dynamic Energy Exploration & Production ETF	North America	Energy	0.65%	5.49	8.80	77.90
5	<u>SDOG</u>	ALPS Sector Dividend Dogs ETF	North America	Large Cap	0.40%	5.93	9.15	76.30
1	DGS	WisdomTree Emerging Markets SmallCap Dividend Fund	Emerging Markets	Small Cap	0.63%	4.74	6.91	62.40
2	DVYE	iShares Emerging Markets Dividend ETF	Emerging Markets	High Dividend Yield	0.49%	5.24	6.57	61.10
3	CEZ	VictoryShares Emerging Market Volatility Wtd ETF	Emerging Markets	Large Cap	0.50%	5.02	6.76	60.20
4	<u>ICOL</u>	iShares MSCI Colombia Capped ETF	Emerging Markets	Broad Equity	0.61%	4.84	6.45	59.80
5	<u>ISEM</u>	Invesco Strategic Emerging Markets ETF	Emerging Markets	Large Cap	0.35%	5.21	6.34	57.80
1	IDLV	Invesco S&P International Developed Low Volatility ETF	Developed Markets	Broad Equity	0.25%	3.44	6.03	60.80
2	PID	Invesco International Dividend Achievers ETF	Developed Markets	High Dividend Yield	0.55%	5.35	6.45	60.50
3	INTF	iShares Edge MSCI Multifactor Intl ETF	Developed Markets	Broad Equity	0.30%	3.57	6.12	59.30
4	DLS	WisdomTree International SmallCap Dividend Fund	Developed Markets	Small Cap	0.58%	5.52	5.95	58.40
5	<u>GWX</u>	SPDR S&P International Small Cap ETF	Developed Markets	Small Cap	0.40%	5.14	5.99	58.00

Equity ETF Select List - Strategies

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Ticke	r Name	Focus	Region	TER	Risk*	Reward*	Quant*		
1 CSD	Invesco S&P Spin-Off ETF	Alpha-Seeking	North America	0.64%	4.78	6.57	66.00		
2 <u>wmw</u>	ELEMENTS Linked to the Morningstar Wide Moat Focus Total Return Ir	Alpha-Seeking	North America	0.75%	5.43	7.80	65.30		
3 RYJ	Invesco Raymond James SB-1 Equity ETF	Alpha-Seeking	North America	0.75%	5.60	7.09	64.90		
4 PKW	Invesco BuyBack Achievers ETF	Alpha-Seeking	North America	0.63%	3.66	6.82	61.80		
5 <u>SYLD</u>	Cambria Shareholder Yield ETF	Alpha-Seeking	Global	0.59%	6.88	6.46	59.30		
1 THD	iShares MSCI Thailand ETF	Broad Equity	Asia-Pacific	0.59%	5.37	8.19	69.80		
2 FAB	First Trust Multi Cap Value AlphaDEX Fund	Broad Equity	North America	0.70%	6.46	8.10	68.50		
3 EWY	iShares MSCI South Korea ETF	Broad Equity	Asia-Pacific	0.59%	4.49	7.70	67.50		
4 ACIM	SPDR MSCI ACWI IMI ETF US	Broad Equity	Global	0.25%	7.06	7.91	67.00		
5 FCAN	First Trust Canada AlphaDEX Fund	Broad Equity	North America	0.80%	5.92	7.56	66.60		
1 SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	High Dividend Yield	North America	0.30%	3.97	7.80	71.00		
2 DGRO	iShares Core Dividend Growth ETF	High Dividend Yield	North America	0.08%	2.07	7.20	64.90		
3 KNG	CBOE Vest S&P 500 Dividend Aristocrats Target Income Index ETF	High Dividend Yield	North America	0.75%	7.01	6.97	61.80		
4 SDIV	Global X SuperDividend ETF	High Dividend Yield	Global	0.58%	5.46	6.57	61.20		
5 DVYE	iShares Emerging Markets Dividend ETF	High Dividend Yield	Emerging Markets	0.49%	5.24	6.57	61.10		
1 MNA	IQ Merger Arbitrage ETF	Long/Short	Global	0.78%	2.59	6.81	60.00		
2 FTLS	First Trust Long/Short Equity ETF	Long/Short	Global	1.48%	4.84	6.15	56.80		
3 JPLS	JPMorgan Long/Short ETF	Long/Short	Developed Markets	0.69%	3.38	6.11	56.50		
4 QMN	IQ Hedge Market Neutral Tracker ETF	Long/Short	Global	1.01%	2.95	6.09	55.00		
5 CHEP	AGFiQ US Market Neutral Value Fund	Long/Short	North America	0.75%	8.46	6.97	53.60		
1 PFXF	VanEck Vectors Preferred Securities ex Financials ETF	Preferred Stock	Global	0.41%	3.22	7.62	66.60		
2 PSK	SPDR Wells Fargo Preferred Stock ETF	Preferred Stock	North America	0.45%	3.57	6.00	58.80		
3 <u>IPFF</u>	iShares International Preferred Stock ETF	Preferred Stock	Developed Markets	0.55%	4.81	5.77	56.70		
4 SPFF	Global X Superincome Preferred ETF	Preferred Stock	North America	0.58%	4.17	5.94	56.30		
5 PGX	Invesco Preferred ETF	Preferred Stock	North America	0.51%	1.28	4.74	54.30		
1 BOSS	Global X Founder-Run Companies ETF	Theme	North America	0.65%	5.43	6.93	61.00		
2 OBOR	KraneShares MSCI One Belt One Road ETF	Theme	Asia-Pacific	0.78%	5.28	7.03	60.90		
3 KOIN	Innovation Shares NextGen Protocol ETF	Theme	Global	0.65%	5.31	7.13	60.90		
4 PEXL	Pacer US Export Leaders ETF	Theme	North America	0.60%	6.75	6.71	60.90		
5 KOMP	SPDR Kensho New Economies Composite ETF	Theme	North America	0.20%	4.76	6.44	60.60		
1 SDOG	ALPS Sector Dividend Dogs ETF	Large Cap	North America	0.40%	5.93	9.15	76.30		
2 FLAG	Forensic Accounting Long-Short ETF	Large Cap	North America	1.15%	7.38	8.10	66.80		

3	<u>SPHB</u>	Invesco S&P 500 High Beta ETF	Large Cap	North America	0.25%	5.40	7.25	66.50
4	<u>ILF</u>	iShares Latin America 40 ETF	Large Cap	Latin America	0.48%	6.54	7.10	64.90
5	<u>RSP</u>	Invesco S&P 500 Equal Weight ETF	Large Cap	North America	0.20%	4.42	6.79	64.80
1	FNK	First Trust Mid Cap Value AlphaDEX Fund	Mid Cap	North America	0.70%	5.81	8.12	69.50
2	RFV	Invesco S&P MidCap 400 Pure Value ETF	Mid Cap	North America	0.35%	5.97	7.80	67.50
3	MDYV	SPDR S&P 400 Mid Cap Value ETF	Mid Cap	North America	0.15%	5.37	7.41	66.80
4	EZM	WisdomTree U.S. MidCap Earnings Fund	Mid Cap	North America	0.38%	5.45	7.59	66.80
5	<u>IVOV</u>	Vanguard S&P Mid-Cap 400 Value ETF	Mid Cap	North America	0.20%	5.49	7.22	65.30
1	<u>RWJ</u>	Oppenheimer S&P SmallCap 600 Revenue ETF	Small Cap	North America	0.39%	5.93	9.56	75.20
2	<u>IJR</u>	iShares Core S&P Small-Cap ETF	Small Cap	North America	0.07%	4.50	8.73	74.00
3	FYX	First Trust Small Cap Core AlphaDEX Fund	Small Cap	North America	0.63%	5.73	8.93	74.00
4	FYT	First Trust Small Cap Value AlphaDEX Fund	Small Cap	North America	0.70%	5.86	9.01	73.80
5	<u>EES</u>	WisdomTree U.S. SmallCap Earnings Fund	Small Cap	North America	0.38%	5.41	8.99	73.50
1	<u>FDM</u>	First Trust Dow Jones Select Microcap Index Fund	Micro Cap	North America	0.60%	5.74	8.87	72.70
2	<u>IWC</u>	iShares Micro-Cap ETF	Micro Cap	North America	0.60%	5.92	8.48	70.30
3	DWMC	AdvisorShares Dorsey Wright Micro-Cap ETF	Micro Cap	North America	0.99%	6.40	5.07	50.70

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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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