Weekly ETF Equity Select List



For Research Inquiries:

research@etfg.com

For Subscription Inquiries:

(212) 223-3834

www.etfg.com

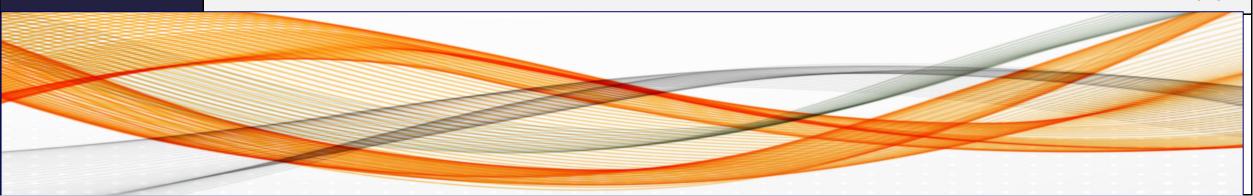
About the ETFG ETP Weekly Select List

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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	lugu	31 10, 2020	(212) 223-3834			WWW	<u>v.etfg.com</u>		
	Ticker	Name	Focus	Region	TER	Risk*	Reward*	Quant*	
1	PSCM	Invesco S&P SmallCap Materials ETF	Basic Materials	North America	0.29%	5.60	7.97	66.00	
2	XME	SPDR S&P Metals & Mining ETF	Basic Materials	North America	0.35%	5.70	7.17	64.70	
3	<u>FXZ</u>	First Trust Materials AlphaDEX Fund	Basic Materials	North America	0.64%	5.55	7.44	64.60	
4	<u>GDX</u>	VanEck Vectors Gold Miners ETF	Basic Materials	Global	0.53%	4.93	6.98	62.40	
5	<u>PICK</u>	iShares MSCI Global Metals & Mining Producers ETF	Basic Materials	Global	0.39%	5.25	7.26	61.60	
1	XHB	SPDR S&P Homebuilders ETF	Consumer Discretionary	North America	0.35%	2.51	6.83	66.80	
2	<u>ITB</u>	iShares U.S. Home Construction ETF	Consumer Discretionary	North America	0.43%	4.16	7.08	61.60	
3	<u>PSCD</u>	Invesco S&P SmallCap Consumer Discretionary ETF	Consumer Discretionary	North America	0.29%	5.19	7.44	61.20	
4	XRT	SPDR S&P Retail ETF	Consumer Discretionary	North America	0.35%	4.77	6.55	60.00	
5	FXD	First Trust Consumer Discretionary AlphaDEX Fund	Consumer Discretionary	North America	0.64%	4.78	6.75	59.60	
1	<u>FTXG</u>	First Trust Nasdaq Food & Beverage ETF	Consumer Staples	North America	0.60%	4.33	6.90	60.80	
2	<u>RHS</u>	Invesco S&P 500 Equal Weight Consumer Staples ETF	Consumer Staples	North America	0.40%	4.29	6.08	59.90	
3	FXG	First Trust Consumer Staples AlphaDEX Fund	Consumer Staples	North America	0.64%	3.91	5.89	57.10	
	<u>PBJ</u>	Invesco Dynamic Food & Beverage ETF	Consumer Staples	North America	0.63%	3.46	5.76	56.40	
5	JHMS	John Hancock Multifactor Consumer Staples ETF	Consumer Staples	North America	0.40%	3.56	5.99	55.50	
-	<u>AMLP</u>	Alerian MLP ETF	Energy	North America	0.85%	4.96	10.00	81.40	
	<u>PXE</u>	Invesco Dynamic Energy Exploration & Production ETF	Energy	North America	0.65%	5.60	9.17	78.10	
\vdash	FRAK	VanEck Vectors Unconventional Oil & Gas ETF	Energy	Global	0.54%	6.37	9.26	75.50	
\vdash	<u>IYE</u>	iShares U.S. Energy ETF	Energy	North America	0.43%	4.75	8.89	75.00	
5	<u>PXJ</u>	Invesco Dynamic Oil & Gas Services ETF	Energy	North America	0.63%	4.38	8.25	73.60	
1	KBWB	Invesco KBW Bank ETF	Financials	North America	0.35%	5.53	9.04	73.60	
	<u>KBWR</u>	Invesco KBW Regional Banking ETF	Financials	North America	0.35%	6.99	9.36	73.40	
3	<u>IAT</u>	iShares US Regional Banks ETF	Financials	North America	0.43%	5.44	9.24	73.30	
4	<u>KBWD</u>	Invesco KBW High Dividend Yield Financial ETF	Financials	North America	2.42%	6.20	9.12	72.30	
5	QABA	First Trust NASDAQ ABA Community Bank Index Fund	Financials	North America	0.60%	6.28	9.21	72.20	
	<u>XBI</u>	SPDR S&P Biotech ETF	Health Care	North America	0.35%	4.98	7.26	63.90	
2	<u>KMED</u>	KraneShares Emerging Markets Healthcare Index ETF	Health Care	Emerging Markets	0.79%	7.07	7.40	58.70	
-	CNCR	Loncar Cancer Immunotherapy ETF	Health Care	North America	0.79%	6.74	6.51	56.90	
-	<u>IEHS</u>	iShares Evolved U.S. Healthcare Staples ETF	Health Care	North America	0.18%	3.29	6.27	55.20	
5	<u>FTXH</u>	First Trust Nasdaq Pharmaceuticals ETF	Health Care	North America	0.60%	4.43	6.14	54.60	
	<u>XTN</u>	SPDR S&P Transportation ETF	Industrials	North America	0.35%	4.49	8.46	73.10	
	<u>JETS</u>	U.S. Global Jets ETF	Industrials	Global	0.60%	6.54	8.02	68.20	
3	<u>AIRR</u>	First Trust RBA American Industrial Renaissance ETF	Industrials	North America	0.70%	5.44	7.52	65.50	

4	PKB	Invesco Dynamic Building & Construction ETF	Industrials	North America	0.58%	6.22	7.49	65.00
5	<u>PSCI</u>	Invesco S&P SmallCap Industrials ETF	Industrials	North America	0.29%	4.98	6.95	62.20
1	IGE	iShares North American Natural Resources ETF	Natural Resources	Global	0.47%	4.91	6.94	63.40
2	<u>GRES</u>	IQ Global Resources ETF	Natural Resources	Global	0.78%	4.71	7.33	62.00
3	<u>GNR</u>	SPDR S&P Global Natural Resources ETF	Natural Resources	Global	0.40%	5.62	6.70	60.90
4	WOOD	iShares Global Timber & Forestry ETF	Natural Resources	Global	0.47%	6.84	6.56	59.00
5	<u>GUNR</u>	FlexShares Global Upstream Natural Resources Index Fund	Natural Resources	Global	0.46%	4.70	6.31	58.40
1	DTEC	ALPS Disruptive Technologies ETF	Technology	Global	0.50%	5.52	7.22	61.70
2	<u>IPAY</u>	ETFMG Prime Mobile Payments ETF	Technology	Global	0.75%	6.31	7.05	58.00
3	CIBR	First Trust Nasdaq Cybersecurity ETF	Technology	Global	0.60%	4.27	6.37	56.70
4	SKYY	First Trust Cloud Computing ETF	Technology	Global	0.60%	5.01	6.27	56.40
5	<u>FONE</u>	First Trust Nasdaq Smartphone Index Fund	Technology	Global	0.70%	6.79	6.28	55.50
1	XTL	SPDR S&P Telecom ETF	Telecommunications	North America	0.35%	4.65	6.97	59.20
2	EWCO	Invesco S&P 500 Equal Weight Communication Services ETF	Telecommunications	North America	0.40%	4.94	6.38	56.20
3	IYZ	iShares US Telecommunications ETF	Telecommunications	North America	0.43%	3.32	6.19	55.00
4	XLC	Communication Services Select Sector SPDR Fund	Telecommunications	North America	0.13%	4.15	4.38	45.70
5	<u>vox</u>	Vanguard Communication Services ETF	Telecommunications	North America	0.10%	3.97	3.53	39.60
1	JHMU	John Hancock Multifactor Utilities ETF	Utilities	North America	0.40%	5.20	7.41	63.30
2	<u>FUTY</u>	Fidelity MSCI Utilities Index ETF	Utilities	North America	0.08%	3.43	6.15	57.50
3	<u>FXU</u>	First Trust Utilities AlphaDEX Fund	Utilities	North America	0.62%	4.23	5.54	55.80
4	<u>PUI</u>	Invesco DWA Utilities Momentum ETF	Utilities	North America	0.60%	4.34	5.50	55.40
5	XLU_	Utilities Select Sector SPDR Fund	Utilities	North America	0.13%	3.92	5.16	53.90

Equity ETF Select List - Geography



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Tick	er Name	Region	Focus	TER	Risk*	Reward*	Quant*
1 EPHE	iShares MSCI Philippines ETF	Asia-Pacific	Broad Equity	0.59%	5.18	7.91	64.40
2 <u>IDX</u>	VanEck Vectors Indonesia Index ETF	Asia-Pacific	Broad Equity	0.57%	6.02	7.67	63.20
3 SCIN	Columbia India Small Cap ETF	Asia-Pacific	Small Cap	0.77%	5.13	7.75	63.10
4 EWM	iShares MSCI Malaysia ETF	Asia-Pacific	Broad Equity	0.47%	3.95	7.01	62.30
5 EWY	iShares MSCI South Korea ETF	Asia-Pacific	Broad Equity	0.59%	4.62	7.10	62.00
1 TUR	iShares MSCI Turkey ETF	Europe	Broad Equity	0.59%	7.53	7.18	62.00
2 SMEZ	SPDR EURO STOXX Small Cap ETF	Europe	Small Cap	0.45%	5.91	6.81	59.80
3 EWU	iShares MSCI United Kingdom ETF	Europe	Broad Equity	0.47%	3.81	6.30	58.20
4 EIRL	iShares MSCI Ireland ETF	Europe	Broad Equity	0.47%	5.27	6.79	58.10
5 FEU	SPDR STOXX Europe 50 ETF	Europe	Large Cap	0.29%	6.42	6.64	57.80
1 FRAK	VanEck Vectors Unconventional Oil & Gas ETF	Global	Energy	0.54%	6.37	9.26	75.50
2 OIH	VanEck Vectors Oil Service ETF	Global	Energy	0.35%	5.81	8.66	72.90
3 IXC	iShares Global Energy ETF	Global	Energy	0.47%	5.59	7.68	68.30
4 JETS	U.S. Global Jets ETF	Global	Industrials	0.60%	6.54	8.02	68.20
5 KOL	VanEck Vectors Coal ETF	Global	Energy	0.60%	6.85	7.96	67.70
1 GSIE	Goldman Sachs ActiveBeta International Equity ETF	Global Ex-U.S.	Broad Equity	0.25%	3.11	6.91	60.70
2 IQLT	iShares Edge MSCI Intl Quality Factor ETF	Global Ex-U.S.	Broad Equity	0.30%	2.31	6.53	59.10
3 FID	First Trust S&P International Dividend Aristocrats ETF	Global Ex-U.S.	Broad Equity	0.60%	4.82	6.67	58.50
4 DDLS	WisdomTree Dynamic Currency Hedged International SmallCap Equi	Global Ex-U.S.	Small Cap	0.43%	4.28	6.60	58.30
5 MOTI	VanEck Vectors Morningstar International Moat ETF	Global Ex-U.S.	Broad Equity	0.56%	5.27	6.54	57.60
1 <u>ECH</u>	iShares MSCI Chile ETF	Latin America	Broad Equity	0.59%	5.94	8.32	69.80
2 EWW	iShares MSCI Mexico ETF	Latin America	Broad Equity	0.47%	5.68	7.79	66.60
3 <u>ILF</u>	iShares Latin America 40 ETF	Latin America	Large Cap	0.48%	6.47	7.37	64.10
4 <u>EPU</u>	iShares MSCI Peru ETF	Latin America	Broad Equity	0.59%	6.72	7.29	60.70
5 <u>GXG</u>	Global X MSCI Colombia ETF	Latin America	Broad Equity	0.61%	5.61	7.14	60.30
1 AFK	VanEck Vectors Africa Index ETF	Middle East & Africa	Broad Equity	0.84%	6.56	7.40	59.80
2 EZA	iShares MSCI South Africa ETF	Middle East & Africa	Broad Equity	0.59%	7.00	6.84	58.80
3 <u>UAE</u>	iShares MSCI UAE Capped ETF	Middle East & Africa	Broad Equity	0.59%	4.69	6.16	53.30
4 FLZA	Franklin FTSE South Africa ETF	Middle East & Africa	Broad Equity	0.19%	7.72	6.22	51.30
5 ISRA	VanEck Vectors Israel ETF	Middle East & Africa	Broad Equity	0.59%	4.72	6.01	51.10
1 AMLP	Alerian MLP ETF	North America	Energy	0.85%	4.96	10.00	81.40
2 PXE	Invesco Dynamic Energy Exploration & Production ETF	North America	Energy	0.65%	5.60	9.17	78.10

3	IYE	iShares U.S. Energy ETF	North America	Energy	0.43%	4.75	8.89	75.00
4	FYT	First Trust Small Cap Value AlphaDEX Fund	North America	Small Cap	0.70%	5.55	9.50	75.00
5	<u>PXJ</u>	Invesco Dynamic Oil & Gas Services ETF	North America	Energy	0.63%	4.38	8.25	73.60
1	DVYE	iShares Emerging Markets Dividend ETF	Emerging Markets	High Dividend Yield	0.49%	5.26	7.15	61.90
2	<u>ISEM</u>	Invesco Strategic Emerging Markets ETF	Emerging Markets	Large Cap	0.35%	5.24	7.28	60.50
3	<u>ICOL</u>	iShares MSCI Colombia Capped ETF	Emerging Markets	Broad Equity	0.61%	5.16	7.02	60.40
4	CEZ	VictoryShares Emerging Market Volatility Wtd ETF	Emerging Markets	Large Cap	0.50%	5.18	7.20	60.10
5	<u>DGS</u>	WisdomTree Emerging Markets SmallCap Dividend Fund	Emerging Markets	Small Cap	0.63%	4.83	6.70	58.80
1	PID	Invesco International Dividend Achievers ETF	Developed Markets	High Dividend Yield	0.55%	4.80	7.02	61.30
2	<u>ISDS</u>	Invesco Strategic Developed ex-US Small Company ETF	Developed Markets	Small Cap	0.35%	4.90	6.51	58.20
3	<u>GWX</u>	SPDR S&P International Small Cap ETF	Developed Markets	Small Cap	0.40%	5.15	6.48	57.80
4	DLS	WisdomTree International SmallCap Dividend Fund	Developed Markets	Small Cap	0.58%	5.34	6.21	57.10
5	<u>FDTS</u>	First Trust Developed Markets ex-US Small Cap AlphaDEX Fund	Developed Markets	Small Cap	0.80%	6.25	6.46	56.90

Equity ETF Select List - Strategies

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Ticker	Name	Focus	Region	TER	Risk*	Reward*	Quant*			
1 CSD	Invesco S&P Spin-Off ETF	Alpha-Seeking	North America	0.64%	4.55	8.13	72.00			
2 RYJ	Invesco Raymond James SB-1 Equity ETF	Alpha-Seeking	North America	0.75%	5.41	7.60	65.30			
3 PKW	Invesco BuyBack Achievers ETF	Alpha-Seeking	North America	0.63%	3.31	7.25	61.90			
4 DWAQ	Invesco DWA NASDAQ Momentum ETF	Alpha-Seeking	North America	0.60%	5.25	7.35	61.80			
5 BUY	USCF SummerHaven SHPEI Index Fund	Alpha-Seeking	North America	0.95%	7.11	7.21	61.00			
1 ECH	iShares MSCI Chile ETF	Broad Equity	Latin America	0.59%	5.94	8.32	69.80			
2 FAB	First Trust Multi Cap Value AlphaDEX Fund	Broad Equity	North America	0.70%	6.17	8.45	68.60			
3 EWW	iShares MSCI Mexico ETF	Broad Equity	Latin America	0.47%	5.68	7.79	66.60			
4 FCAN	First Trust Canada AlphaDEX Fund	Broad Equity	North America	0.80%	6.65	7.95	66.60			
5 ACIM	SPDR MSCI ACWI IMI ETF US	Broad Equity	Global	0.25%	7.04	8.18	66.50			
1 SCHD	Schwab US Dividend Equity ETF	High Dividend Yield	North America	0.07%	2.87	8.33	69.40			
2 FGD	First Trust DJ Global Select Dividend Index Fund	High Dividend Yield	Global	0.58%	5.56	7.55	64.20			
3 SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	High Dividend Yield	North America	0.30%	4.16	6.97	63.10			
4 DVYE	iShares Emerging Markets Dividend ETF	High Dividend Yield	Emerging Markets	0.49%	5.26	7.15	61.90			
5 <u>PID</u>	Invesco International Dividend Achievers ETF	High Dividend Yield	Developed Markets	0.55%	4.80	7.02	61.30			
1 CHEP	AGFiQ US Market Neutral Value Fund	Long/Short	North America	0.75%	7.06	7.73	59.10			
2 JPLS	JPMorgan Long/Short ETF	Long/Short	Developed Markets	0.69%	3.30	6.28	54.70			
3 MNA	IQ Merger Arbitrage ETF	Long/Short	Global	0.78%	2.25	5.96	54.20			
4 QMN	IQ Hedge Market Neutral Tracker ETF	Long/Short	Global	1.01%	2.90	6.23	53.40			
5 <u>DIVA</u>	AGFiQ Hedged Dividend Income Fund	Long/Short	North America	0.75%	6.70	6.16	50.40			
1 PFXF	VanEck Vectors Preferred Securities ex Financials ETF	Preferred Stock	Global	0.41%	3.07	7.76	65.20			
2 FPE	First Trust Preferred Securities and Income ETF	Preferred Stock	Global	0.85%	3.11	6.44	57.20			
3 <u>IPFF</u>	iShares International Preferred Stock ETF	Preferred Stock	Developed Markets	0.55%	4.64	6.25	56.40			
4 PGX	Invesco Preferred ETF	Preferred Stock	North America	0.51%	1.96	5.21	52.00			
5 PFFD	Global X US Preferred ETF	Preferred Stock	North America	0.23%	2.74	5.55	51.90			
1 KOMP	SPDR Kensho New Economies Composite ETF	Theme	North America	0.20%	5.10	7.48	63.80			
2 QCLN	First Trust NASDAQ Clean Edge Green Energy Index Fund	Theme	Global	0.60%	4.47	6.80	60.80			
3 <u>IFRA</u>	iShares U.S. Infrastructure ETF	Theme	North America	0.40%	5.13	6.40	60.20			
4 WIL	Barclays Women in Leadership ETN	Theme	North America	0.45%	7.04	7.42	59.90			
5 OBOR	KraneShares MSCI One Belt One Road ETF	Theme	Asia-Pacific	0.78%	5.31	7.20	59.50			
1 SPHB	Invesco S&P 500 High Beta ETF	Large Cap	North America	0.25%	4.99	8.39	70.70			
2 SDOG	ALPS Sector Dividend Dogs ETF	Large Cap	North America	0.40%	5.47	8.27	69.80			

3	<u>FLAG</u>	Forensic Accounting Long-Short ETF	Large Cap	North America	1.15%	7.34	8.30	65.90
4	PXLG	Invesco Russell Top 200 Pure Growth ETF	Large Cap	North America	0.39%	5.81	7.83	64.50
5	<u>ILF</u>	iShares Latin America 40 ETF	Large Cap	Latin America	0.48%	6.47	7.37	64.10
1	RFV	Invesco S&P MidCap 400 Pure Value ETF	Mid Cap	North America	0.35%	5.93	9.04	72.20
2	FNK	First Trust Mid Cap Value AlphaDEX Fund	Mid Cap	North America	0.70%	5.52	8.62	70.40
3	EZM	WisdomTree U.S. MidCap Earnings Fund	Mid Cap	North America	0.38%	5.19	7.97	66.80
4	IVOV	Vanguard S&P Mid-Cap 400 Value ETF	Mid Cap	North America	0.20%	5.30	7.87	66.60
5	<u>PTMC</u>	Pacer Trendpilot US Mid Cap ETF	Mid Cap	North America	0.60%	4.02	7.98	66.20
1	<u>FYT</u>	First Trust Small Cap Value AlphaDEX Fund	Small Cap	North America	0.70%	5.55	9.50	75.00
2	<u>IJS</u>	iShares S&P Small-Cap 600 Value ETF	Small Cap	North America	0.25%	5.33	8.98	73.30
3	VIOV	Vanguard S&P Small-Cap 600 Value ETF	Small Cap	North America	0.20%	5.48	9.03	73.00
4	<u>RWJ</u>	Oppenheimer S&P SmallCap 600 Revenue ETF	Small Cap	North America	0.39%	5.65	8.98	70.50
5	FYX	First Trust Small Cap Core AlphaDEX Fund	Small Cap	North America	0.63%	5.57	8.55	70.20
1	<u>FDM</u>	First Trust Dow Jones Select Microcap Index Fund	Micro Cap	North America	0.60%	5.49	9.28	73.50
2	<u>IWC</u>	iShares Micro-Cap ETF	Micro Cap	North America	0.60%	5.76	8.36	67.80
3	DWMC	AdvisorShares Dorsey Wright Micro-Cap ETF	Micro Cap	North America	0.99%	7.09	4.79	45.80

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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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