

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 Policy Committee 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.

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 regarding the ETFG Quant Model, please review the ETFG Quant White Paper at (www.etfg.com/quant-white-paper) or review all the Equity ETFs ranked by ETFG Quant at <http://www.etfg.com/research/quant>.

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Equity ETF Select List - Sectors

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	Ticker	Name	Focus	Region	TER	Risk*	Reward*	Quant*
1	JHMA	John Hancock Multifactor Materials ETF	Basic Materials	North America	0.50%	5.11	7.42	61.70
2	MATF	iShares Edge MSCI Multifactor Materials ETF	Basic Materials	North America	0.35%	4.62	6.34	57.90
3	SGDJ	Sprott Junior Gold Miners ETF	Basic Materials	Global	0.57%	7.42	7.19	56.90
4	PSAU	PowerShares Global Gold and Precious Metals Portfolio	Basic Materials	Global	0.75%	7.21	6.43	56.30
5	SIL	Global X Silver Miners ETF	Basic Materials	Global	0.65%	7.72	6.48	53.70
1	XRT	SPDR S&P Retail ETF	Consumer Discretionary	North America	0.35%	5.03	6.98	61.70
2	PEJ	Powershares Dynamic Leisure & Entertainment Portfolio	Consumer Discretionary	North America	0.61%	4.71	7.29	61.30
3	JHMC	John Hancock Multifactor Consumer Discretionary ETF	Consumer Discretionary	North America	0.50%	4.25	7.16	58.50
4	FXD	First Trust Consumer Discretionary AlphaDEX Fund	Consumer Discretionary	North America	0.61%	3.98	6.36	56.60
5	PMR	PowerShares Dynamic Retail Portfolio	Consumer Discretionary	North America	0.63%	5.12	6.21	55.20
1	PSCC	PowerShares S&P SmallCap Consumer Staples Portfolio	Consumer Staples	North America	0.29%	3.58	7.57	65.70
2	JHMS	John Hancock Multifactor Consumer Staples ETF	Consumer Staples	North America	0.50%	3.86	6.26	56.70
3	CNSF	iShares Edge MSCI Multifactor Consumer Staples ETF	Consumer Staples	North America	0.35%	3.82	6.09	56.30
4	XLP	Consumer Staples Select Sector SPDR Fund	Consumer Staples	North America	0.14%	1.69	5.52	54.90
5	FSTA	Fidelity MSCI Consumer Staples Index ETF	Consumer Staples	North America	0.08%	1.23	5.51	53.10
1	OIH	VanEck Vectors Oil Service ETF	Energy	Global	0.35%	5.94	7.09	63.80
2	CRAK	VanEck Vectors Oil Refiners ETF	Energy	Global	0.59%	5.97	7.43	61.40
3	JHME	John Hancock Multifactor Energy ETF	Energy	North America	0.50%	5.40	6.89	61.40
4	KOL	VanEck Vectors Coal ETF	Energy	Global	0.59%	7.48	6.67	59.00
5	PXI	PowerShares DWA Energy Momentum Portfolio	Energy	North America	0.60%	6.73	6.20	58.80
1	FNCF	iShares Edge MSCI Multifactor Financials ETF	Financials	North America	0.35%	4.42	7.19	60.90
2	JHMF	John Hancock Multifactor Financials ETF	Financials	North America	0.50%	4.91	6.53	55.50
3	CHIX	Global X China Financials ETF	Financials	Asia-Pacific	0.65%	3.76	6.44	54.50
4	KBWD	PowerShares KBW High Dividend Yield Financial Portfolio	Financials	North America	3.08%	5.52	5.96	53.90
5	KRE	SPDR S&P Regional Banking ETF	Financials	North America	0.35%	4.74	5.52	52.70
1	PPH	VanEck Vectors Pharmaceutical ETF	Health Care	Global	0.35%	5.03	7.72	65.60
2	IBB	iShares Nasdaq Biotechnology ETF	Health Care	North America	0.47%	4.93	7.46	62.40
3	XPH	SPDR S&P Pharmaceuticals ETF	Health Care	North America	0.35%	5.43	7.26	61.30
4	XBI	SPDR S&P Biotech ETF	Health Care	North America	0.35%	4.89	6.78	59.40
5	BBH	VanEck Vectors Biotech ETF	Health Care	Global	0.35%	5.21	6.80	59.10
1	INDF	iShares Edge MSCI Multifactor Industrials ETF	Industrials	North America	0.35%	6.30	7.15	63.40
2	IYT	iShares Transportation Average ETF	Industrials	North America	0.43%	5.47	6.17	60.40
3	JHMI	John Hancock Multifactor Industrials ETF	Industrials	North America	0.50%	4.00	6.93	60.00
4	FLM	First Trust ISE Global Engineering and Construction Index Fund	Industrials	Global	0.70%	6.81	6.48	58.70
5	JETS	U.S. Global Jets ETF	Industrials	Global	0.60%	5.96	6.94	58.20

1	FTAG	First Trust Indxx Global Agriculture ETF	Natural Resources	Global	0.70%	5.25	6.77	55.70
2	TOLZ	DJ Brookfield Global Infrastructure ETF	Natural Resources	Global	0.45%	4.22	5.99	53.70
3	FTRI	First Trust Indxx Global Natural Resources Income ETF	Natural Resources	Global	0.70%	4.18	5.80	52.40
4	NFRA	FlexShares STOXX Global Broad Infrastructure Index Fund	Natural Resources	Global	0.47%	3.86	5.68	50.20
5	WOOD	iShares Global Timber & Forestry ETF	Natural Resources	Global	0.47%	5.98	5.12	49.90
1	TCHF	iShares Edge MSCI Multifactor Technology ETF	Technology	North America	0.35%	3.58	7.32	62.80
2	XITK	SPDR FactSet Innovative Technology ETF	Technology	North America	0.45%	6.73	7.46	61.90
3	CIBR	First Trust Nasdaq Cybersecurity ETF	Technology	Global	0.60%	4.72	6.84	60.30
4	PXQ	Powershares Dynamic Networking Portfolio	Technology	North America	0.63%	5.50	6.87	60.10
5	EMQQ	Emerging Markets Internet & Ecommerce ETF	Technology	Emerging Markets	0.86%	6.41	7.70	59.90
1	FCOM	Fidelity MSCI Telecommunication Services Index ETF	Telecommunications	North America	0.08%	3.50	6.72	58.70
2	IXP	iShares Global Telecom ETF	Telecommunications	Global	0.47%	5.42	6.44	56.70
3	IYZ	iShares US Telecommunications ETF	Telecommunications	North America	0.43%	5.16	5.61	53.30
4	XTL	SPDR S&P Telecom ETF	Telecommunications	North America	0.35%	4.75	5.28	51.10
5	VOX	Vanguard Telecommunication Services ETF	Telecommunications	North America	0.10%	5.33	4.72	46.70
1	JHMU	John Hancock Multifactor Utilities ETF	Utilities	North America	0.50%	3.92	7.46	63.00
2	UTLF	iShares Edge MSCI Multifactor Utilities ETF	Utilities	North America	0.35%	3.86	6.46	59.80
3	FUTY	Fidelity MSCI Utilities Index ETF	Utilities	North America	0.08%	1.80	5.82	55.30
4	XLU	Utilities Select Sector SPDR Fund	Utilities	North America	0.14%	2.38	4.85	51.60
5	JXI	iShares Global Utilities ETF	Utilities	Global	0.47%	4.79	4.76	49.70

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Equity ETF Select List - Geography



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	Ticker	Name	Region	Focus	TER	Risk*	Reward*	Quant*
1	EWY	iShares MSCI South Korea Capped ETF	Asia-Pacific	Broad Equity	0.62%	4.66	8.77	73.00
2	FNI	First Trust ISE Chindia Index Fund	Asia-Pacific	Broad Equity	0.60%	6.03	9.86	73.00
3	PGJ	Powershares Golden Dragon China Portfolio	Asia-Pacific	Broad Equity	0.70%	6.54	10.00	72.40
4	FXI	iShares China Large-Cap ETF	Asia-Pacific	Large Cap	0.73%	4.84	8.26	67.70
5	AAXJ	iShares MSCI All Country Asia ex Japan ETF	Asia-Pacific	Broad Equity	0.69%	4.49	7.97	66.40
1	EWP	iShares MSCI Spain Capped ETF	Europe	Broad Equity	0.48%	6.15	8.40	68.50
2	SCID	Global X Scientific Beta Europe ETF	Europe	Broad Equity	0.38%	5.72	7.43	60.90
3	HEWP	iShares Currency Hedged MSCI Spain ETF	Europe	Large Cap	0.51%	5.36	7.23	60.70
4	DAX	Horizons DAX Germany ETF	Europe	Large Cap	0.45%	5.91	7.56	60.50
5	HEZU	iShares Currency Hedged MSCI EMU ETF	Europe	Broad Equity	0.51%	4.60	6.54	58.90
1	PPH	VanEck Vectors Pharmaceutical ETF	Global	Health Care	0.35%	5.03	7.72	65.60
2	OIH	VanEck Vectors Oil Service ETF	Global	Energy	0.35%	5.94	7.09	63.80
3	MPCT	iShares Sustainable MSCI Global Impact ETF	Global	Theme	0.49%	5.25	7.42	62.70
4	CRAK	VanEck Vectors Oil Refiners ETF	Global	Energy	0.59%	5.97	7.43	61.40
5	ARKQ	ARK Industrial Innovation ETF	Global	Theme	0.75%	6.23	7.83	60.70
1	AADR	AdvisorShares Dorsey Wright ADR ETF	Global Ex-U.S.	Broad Equity	1.27%	7.76	9.10	70.80
2	IMTM	iShares Edge MSCI Intl Momentum Factor ETF	Global Ex-U.S.	Broad Equity	0.30%	4.85	7.45	62.60
3	VIGI	Vanguard International Dividend Appreciation ETF	Global Ex-U.S.	Broad Equity	0.25%	3.71	7.52	60.70
4	FNDE	Schwab Fundamental Emerging Markets Large Company Index ETF	Global Ex-U.S.	Large Cap	0.47%	5.12	6.99	59.70
5	HEFA	iShares Currency Hedged MSCI EAFE ETF	Global Ex-U.S.	Broad Equity	0.36%	2.94	6.52	58.90
1	ILF	iShares Latin America 40 ETF	Latin America	Large Cap	0.49%	6.97	7.44	63.50
2	EPU	iShares MSCI All Peru Capped ETF	Latin America	Broad Equity	0.63%	6.30	6.96	59.10
3	EWV	iShares MSCI Mexico Capped ETF	Latin America	Broad Equity	0.48%	5.49	6.63	59.00
4	EWZ	iShares MSCI Brazil Capped ETF	Latin America	Broad Equity	0.62%	6.92	6.55	58.20
5	BMLA	BullMark LatAm Select Leaders ETF	Latin America	Broad Equity	0.70%	7.49	6.87	55.80
1	ISRA	VanEck Vectors Israel ETF	Middle East & Africa	Broad Equity	0.59%	4.96	7.62	61.20
2	EIS	iShares MSCI Israel Capped ETF	Middle East & Africa	Broad Equity	0.62%	5.18	7.21	59.80
3	EZA	iShares MSCI South Africa ETF	Middle East & Africa	Broad Equity	0.62%	6.72	7.18	59.70
4	QAT	iShares MSCI Qatar Capped ETF	Middle East & Africa	Broad Equity	0.64%	6.09	6.55	55.50
5	ITEQ	BlueStar TA-BIGTECH Israel Technology ETF	Middle East & Africa	Technology	0.75%	5.39	7.24	55.40
1	QQQE	Direxion NASDAQ 100 Equal Weighted Index Shares	North America	Large Cap	0.35%	3.67	8.08	67.40
2	WMW	ELEMENTS Linked to the Morningstar Wide Moat Focus Total Return	North America	Alpha-Seeking	0.75%	7.23	8.54	66.30
3	CNTR	PowerShares Contrarian Opportunities Portfolio	North America	Broad Equity	0.35%	4.36	7.80	66.20
4	PSCC	PowerShares S&P SmallCap Consumer Staples Portfolio	North America	Consumer Staples	0.29%	3.58	7.57	65.70
5	PZI	Powershares Zacks Micro Cap Portfolio	North America	Micro Cap	0.81%	5.35	8.05	65.20

1	EEM	iShares MSCI Emerging Markets ETF	Emerging Markets	Broad Equity	0.72%	5.67	7.91	66.10
2	EMIF	iShares Emerging Markets Infrastructure ETF	Emerging Markets	Theme	0.75%	6.99	7.59	64.90
3	EEMV	iShares Edge MSCI Min Vol Emerging Markets ETF	Emerging Markets	Broad Equity	0.25%	4.35	7.07	61.50
4	EMGF	iShares Edge MSCI Multifactor Emerging Markets ETF	Emerging Markets	Broad Equity	0.45%	5.45	7.37	61.40
5	EEMO	PowerShares S&P Emerging Market Momentum Portfolio	Emerging Markets	Broad Equity	0.29%	4.08	7.68	60.50
1	HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	Developed Markets	Large Cap	0.43%	4.96	7.60	63.10
2	ISCF	iShares Edge MSCI Multifactor Intl Small-Cap ETF	Developed Markets	Small Cap	0.40%	4.19	7.35	61.60
3	GCOW	Pacer Global High Dividend ETF	Developed Markets	High Dividend Yield	0.60%	3.52	7.13	59.10
4	KLDW	Knowledge Leaders Developed World ETF	Developed Markets	Broad Equity	0.75%	4.90	7.04	57.70
5	EFV	iShares MSCI EAFE Value ETF	Developed Markets	Broad Equity	0.40%	5.28	6.41	57.60

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Equity ETF Select List - Strategies

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	Ticker	Name	Focus	Region	TER	Risk*	Reward*	Quant*
1	WMW	ELEMENTS Linked to the Morningstar Wide Moat Focus Total Return In	Alpha-Seeking	North America	0.75%	7.23	8.54	66.30
2	FVL	First Trust Value Line 100 Exchange-Traded Fund	Alpha-Seeking	North America	0.70%	4.52	7.67	63.20
3	TTFS	Wilshire Buyback ETF	Alpha-Seeking	North America	0.90%	5.20	7.43	62.90
4	JUNE	Dhandho Junoon ETF	Alpha-Seeking	North America	0.75%	6.49	7.28	59.50
5	DWAQ	PowerShares DWA NASDAQ Momentum Portfolio	Alpha-Seeking	North America	0.60%	6.65	6.87	59.20
1	EWY	iShares MSCI South Korea Capped ETF	Broad Equity	Asia-Pacific	0.62%	4.66	8.77	73.00
2	FNI	First Trust ISE Chindia Index Fund	Broad Equity	Asia-Pacific	0.60%	6.03	9.86	73.00
3	PGJ	Powershares Golden Dragon China Portfolio	Broad Equity	Asia-Pacific	0.70%	6.54	10.00	72.40
4	AADR	AdvisorShares Dorsey Wright ADR ETF	Broad Equity	Global Ex-U.S.	1.27%	7.76	9.10	70.80
5	EWP	iShares MSCI Spain Capped ETF	Broad Equity	Europe	0.48%	6.15	8.40	68.50
1	GCOW	Pacer Global High Dividend ETF	High Dividend Yield	Developed Markets	0.60%	3.52	7.13	59.10
2	HDEF	Deutsche X-trackers MSCI EAFE High Dividend Yield Hedged Equity ETF	High Dividend Yield	Developed Markets	0.45%	3.79	6.63	57.20
3	HDAW	Deutsche X-trackers MSCI All World ex US High Dividend Yield Hedged	High Dividend Yield	Global Ex-U.S.	0.45%	3.73	6.74	57.10
4	GHII	Guggenheim S&P High Income Infrastructure ETF	High Dividend Yield	Global	0.45%	5.40	6.66	56.10
5	RDVY	First Trust NASDAQ Rising Dividend Achievers	High Dividend Yield	North America	0.50%	3.78	5.93	55.80
1	CSLS	Credit Suisse X-Links Long/Short Equity ETN	Long/Short	Global	0.45%	6.55	7.06	58.20
2	MNA	IQ Merger Arbitrage ETF	Long/Short	Global	0.76%	1.63	6.33	55.70
3	HTUS	Hull Tactical US ETF	Long/Short	North America	0.91%	3.12	6.33	54.60
4	FTLS	First Trust Long/Short Equity ETF	Long/Short	Global	1.47%	5.36	5.39	50.60
5	MOM	QuantShares U.S. Market Neutral Momentum Fund	Long/Short	North America	0.75%	6.59	6.44	48.90
1	PSK	SPDR Wells Fargo Preferred Stock ETF	Preferred Stock	North America	0.45%	3.40	6.37	54.80
2	VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	North America	0.50%	2.11	5.47	50.10
3	PFXF	VanEck Vectors Preferred Securities ex Financials ETF	Preferred Stock	Global	0.40%	3.15	4.36	42.90
4	PGX	PowerShares Preferred Portfolio	Preferred Stock	North America	0.50%	2.28	3.87	40.90
5	IPFF	iShares International Preferred Stock ETF	Preferred Stock	Developed Markets	0.55%	4.68	3.77	39.20
1	EMIF	iShares Emerging Markets Infrastructure ETF	Theme	Emerging Markets	0.75%	6.99	7.59	64.90
2	MPCT	iShares Sustainable MSCI Global Impact ETF	Theme	Global	0.49%	5.25	7.42	62.70
3	ARKQ	ARK Industrial Innovation ETF	Theme	Global	0.75%	6.23	7.83	60.70
4	ROBO	Robo-Stox Global Robotics & Automation Index ETF	Theme	Global	0.95%	5.24	6.88	60.00
5	EQLT	Workplace Equality Portfolio	Theme	Global	0.75%	5.32	7.33	59.10
1	FXI	iShares China Large-Cap ETF	Large Cap	Asia-Pacific	0.73%	4.84	8.26	67.70
2	QQQE	Direxion NASDAQ 100 Equal Weighted Index Shares	Large Cap	North America	0.35%	3.67	8.08	67.40
3	ILF	iShares Latin America 40 ETF	Large Cap	Latin America	0.49%	6.97	7.44	63.50
4	HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	Large Cap	Developed Markets	0.43%	4.96	7.60	63.10
5	EQWL	PowerShares Russell Top 200 Equal Weight Portfolio	Large Cap	North America	0.25%	5.58	7.27	63.00

1	JHMM	John Hancock Multifactor Mid Cap ETF	Mid Cap	North America	0.45%	3.56	7.47	62.90
2	JPME	JPMorgan Diversified Return U.S. Mid Cap Equity ETF	Mid Cap	North America	0.34%	3.50	7.31	61.80
3	PTMC	Pacer Trendpilot 450 ETF	Mid Cap	North America	0.60%	3.96	6.92	59.00
4	EQWM	PowerShares Russell Midcap Equal Weight Portfolio	Mid Cap	North America	0.25%	5.54	6.58	57.90
5	EWMC	Guggenheim S&P MidCap 400 Equal Weight ETF	Mid Cap	North America	0.42%	5.20	6.50	56.60
1	DWAS	PowerShares DWA SmallCap Momentum Portfolio	Small Cap	North America	0.60%	5.50	7.28	61.90
2	ISCF	iShares Edge MSCI Multifactor Intl Small-Cap ETF	Small Cap	Developed Markets	0.40%	4.19	7.35	61.60
3	RZV	Guggenheim S&P Smallcap 600 Pure Value ETF	Small Cap	North America	0.36%	5.31	7.10	60.90
4	EWSC	Guggenheim S&P SmallCap 600 Equal Weight ETF	Small Cap	North America	0.46%	5.24	7.16	60.90
5	FNDC	Schwab Fundamental International Small Cap Company index	Small Cap	Global Ex-U.S.	0.46%	3.28	6.57	58.00
1	PZI	Powershares Zacks Micro Cap Portfolio	Micro Cap	North America	0.81%	5.35	8.05	65.20
2	FDM	First Trust Dow Jones Select Microcap Index Fund	Micro Cap	North America	0.60%	5.39	6.12	54.30
3	WMCR	Wilshire Micro-Cap ETF	Micro Cap	North America	0.59%	4.53	5.70	50.90
4	IWC	iShares Micro-Cap ETF	Micro Cap	North America	0.60%	5.47	5.19	48.90

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*Key

***ETF Global 10 Red Diamond Risk Rating:** An ETF Global 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 ETFGSM Quant Model:** The universe of equity ETFs reviewed by ETFGSM Quant represents the broadest range of industry groups, sectors and geographic regions. The ETFGSM 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. ETFGSM 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 regarding the ETFGSM Quant Model, please review the ETFGSM Quant White Paper at (www.etfg.com/quant-white-paper) or review all the Equity ETFs ranked by ETFG Quant at <http://www.etfg.com/research/quant>.

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