

Weekly ETF Equity Select List



Research Inquiries:

research@etfg.com
or
(412) 407-4444

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 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%	4.80	7.27	59.00
2	MATF	iShares Edge MSCI Multifactor Materials ETF	Basic Materials	North America	0.35%	4.62	6.69	58.20
3	SGDJ	Sprott Junior Gold Miners ETF	Basic Materials	Global	0.57%	7.65	7.69	58.00
4	PSAU	PowerShares Global Gold and Precious Metals Portfolio	Basic Materials	Global	0.75%	7.44	6.88	57.40
5	SLVP	iShares MSCI Global Silver Miners ETF	Basic Materials	Global	0.39%	5.19	6.55	56.30
1	XRT	SPDR S&P Retail ETF	Consumer Discretionary	North America	0.35%	5.06	7.32	62.00
2	JHMC	John Hancock Multifactor Consumer Discretionary ETF	Consumer Discretionary	North America	0.50%	4.23	7.60	59.30
3	PEJ	Powershares Dynamic Leisure & Entertainment Portfolio	Consumer Discretionary	North America	0.61%	4.55	7.24	59.20
4	FXD	First Trust Consumer Discretionary AlphaDEX Fund	Consumer Discretionary	North America	0.61%	3.98	6.88	57.70
5	CNDF	iShares Edge MSCI Multifactor Consumer Discretionary ETF	Consumer Discretionary	North America	0.35%	4.47	6.95	57.10
1	PSCC	PowerShares S&P SmallCap Consumer Staples Portfolio	Consumer Staples	North America	0.29%	3.77	7.64	64.30
2	JHMS	John Hancock Multifactor Consumer Staples ETF	Consumer Staples	North America	0.50%	3.91	6.59	56.80
3	CNSF	iShares Edge MSCI Multifactor Consumer Staples ETF	Consumer Staples	North America	0.35%	3.43	6.09	55.10
4	PBJ	Powershares Dynamic Food & Beverage Portfolio	Consumer Staples	North America	0.58%	3.48	5.85	54.20
5	XLP	Consumer Staples Select Sector SPDR Fund	Consumer Staples	North America	0.14%	1.87	5.54	53.20
1	JHME	John Hancock Multifactor Energy ETF	Energy	North America	0.50%	5.67	7.61	63.80
2	OIH	VanEck Vectors Oil Service ETF	Energy	Global	0.35%	6.24	7.28	63.10
3	CRAK	VanEck Vectors Oil Refiners ETF	Energy	Global	0.59%	6.05	7.82	61.90
4	ERGF	iShares Edge MSCI Multifactor Energy ETF	Energy	North America	0.35%	3.12	6.61	58.80
5	AMJ	JPMorgan Alerian MLP Index ETN	Energy	North America	0.85%	6.83	6.96	58.50
1	FNCF	iShares Edge MSCI Multifactor Financials ETF	Financials	North America	0.35%	4.41	7.44	60.60
2	KBWD	PowerShares KBW High Dividend Yield Financial Portfolio	Financials	North America	3.08%	5.48	6.45	55.00
3	XLF	Financial Select Sector SPDR Fund	Financials	North America	0.14%	2.86	6.08	53.90
4	CHIX	Global X China Financials ETF	Financials	Asia-Pacific	0.65%	4.10	6.55	53.30
5	JHMF	John Hancock Multifactor Financials ETF	Financials	North America	0.50%	4.61	6.45	53.10
1	PPH	VanEck Vectors Pharmaceutical ETF	Health Care	Global	0.35%	5.13	8.23	66.80
2	IBB	iShares Nasdaq Biotechnology ETF	Health Care	North America	0.47%	4.94	7.83	62.90
3	XPH	SPDR S&P Pharmaceuticals ETF	Health Care	North America	0.35%	5.50	7.81	62.70
4	PJP	Powershares Dynamic Pharmaceuticals Portfolio	Health Care	North America	0.58%	5.32	7.10	60.70
5	XBI	SPDR S&P Biotech ETF	Health Care	North America	0.35%	4.94	7.06	59.20
1	INDF	iShares Edge MSCI Multifactor Industrials ETF	Industrials	North America	0.35%	6.65	7.51	63.70
2	JETS	U.S. Global Jets ETF	Industrials	Global	0.60%	5.99	7.78	61.40
3	JHMI	John Hancock Multifactor Industrials ETF	Industrials	North America	0.50%	4.28	7.20	59.80
4	IYT	iShares Transportation Average ETF	Industrials	North America	0.43%	5.16	6.34	59.60
5	FIDU	Fidelity MSCI Industrials Index ETF	Industrials	North America	0.08%	2.10	6.13	55.50

1	FTRI	First Trust Indxx Global Natural Resources Income ETF	Natural Resources	Global	0.70%	4.38	6.70	55.80
2	TOLZ	DJ Brookfield Global Infrastructure ETF	Natural Resources	Global	0.45%	4.50	6.28	53.50
3	FTAG	First Trust Indxx Global Agriculture ETF	Natural Resources	Global	0.70%	4.92	6.64	53.10
4	PAGG	PowerShares Global Agriculture Portfolio	Natural Resources	Global	0.76%	7.06	5.89	51.50
5	NANR	SPDR S&P North American Natural Resources ETF	Natural Resources	North America	0.35%	5.57	6.53	50.20
1	TCHF	iShares Edge MSCI Multifactor Technology ETF	Technology	North America	0.35%	3.65	7.59	62.70
2	PXQ	Powershares Dynamic Networking Portfolio	Technology	North America	0.63%	5.51	7.51	62.10
3	HACK	PureFunds ISE Cyber Security ETF	Technology	Global	0.75%	5.62	7.52	61.00
4	XITK	SPDR FactSet Innovative Technology ETF	Technology	North America	0.45%	6.53	7.49	60.40
5	SOXX	iShares PHLX Semiconductor ETF	Technology	North America	0.47%	4.75	6.81	59.70
1	FCOM	Fidelity MSCI Telecommunication Services Index ETF	Telecommunications	North America	0.08%	3.50	7.04	58.80
2	IXP	iShares Global Telecom ETF	Telecommunications	Global	0.47%	5.50	6.23	53.80
3	IYZ	iShares US Telecommunications ETF	Telecommunications	North America	0.43%	5.29	5.76	52.30
4	XTL	SPDR S&P Telecom ETF	Telecommunications	North America	0.35%	4.65	5.63	51.30
5	VOX	Vanguard Telecommunication Services ETF	Telecommunications	North America	0.10%	5.55	5.67	50.20
1	JHMU	John Hancock Multifactor Utilities ETF	Utilities	North America	0.50%	4.41	7.84	63.40
2	UTLF	iShares Edge MSCI Multifactor Utilities ETF	Utilities	North America	0.35%	3.92	6.86	60.30
3	FUTY	Fidelity MSCI Utilities Index ETF	Utilities	North America	0.08%	2.02	6.18	55.50
4	XLU	Utilities Select Sector SPDR Fund	Utilities	North America	0.14%	2.53	5.51	53.50
5	VPU	Vanguard Utilities ETF	Utilities	North America	0.10%	3.51	5.42	51.70

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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%	4.83	8.98	72.50
2	FNI	First Trust ISE Chindia Index Fund	Asia-Pacific	Broad Equity	0.60%	5.71	10.00	72.30
3	PGJ	Powershares Golden Dragon China Portfolio	Asia-Pacific	Broad Equity	0.70%	6.40	9.63	68.70
4	FXI	iShares China Large-Cap ETF	Asia-Pacific	Large Cap	0.73%	4.87	8.54	67.70
5	AAXJ	iShares MSCI All Country Asia ex Japan ETF	Asia-Pacific	Broad Equity	0.69%	4.40	8.14	65.40
1	EWP	iShares MSCI Spain Capped ETF	Europe	Broad Equity	0.48%	6.49	8.80	69.00
2	EWU	iShares MSCI United Kingdom ETF	Europe	Broad Equity	0.48%	3.76	7.53	63.00
3	SCID	Global X Scientific Beta Europe ETF	Europe	Broad Equity	0.38%	6.05	7.74	61.00
4	DAX	Horizons DAX Germany ETF	Europe	Large Cap	0.45%	6.41	7.89	60.60
5	DBGR	Deutsche X-trackers MSCI Germany Hedged Equity Fund	Europe	Broad Equity	0.45%	4.36	7.24	60.30
1	PPH	VanEck Vectors Pharmaceutical ETF	Global	Health Care	0.35%	5.13	8.23	66.80
2	MPCT	iShares Sustainable MSCI Global Impact ETF	Global	Theme	0.49%	5.62	7.86	63.40
3	OIH	VanEck Vectors Oil Service ETF	Global	Energy	0.35%	6.24	7.28	63.10
4	LNGR	Global X Longevity Thematic ETF	Global	Theme	0.68%	5.89	8.42	62.00
5	CRAK	VanEck Vectors Oil Refiners ETF	Global	Energy	0.59%	6.05	7.82	61.90
1	AADR	AdvisorShares Dorsey Wright ADR ETF	Global Ex-U.S.	Broad Equity	1.27%	7.52	9.58	71.90
2	IMTM	iShares Edge MSCI Intl Momentum Factor ETF	Global Ex-U.S.	Broad Equity	0.30%	4.96	7.79	62.90
3	VIGI	Vanguard International Dividend Appreciation ETF	Global Ex-U.S.	Broad Equity	0.25%	3.92	7.87	60.90
4	IVAL	ValueShares International Quantitative Value ETF	Global Ex-U.S.	Broad Equity	0.79%	5.34	7.18	60.80
5	FNDE	Schwab Fundamental Emerging Markets Large Company Index ETF	Global Ex-U.S.	Large Cap	0.47%	4.79	7.37	60.20
1	ILF	iShares Latin America 40 ETF	Latin America	Large Cap	0.49%	6.42	7.61	62.90
2	EWZ	iShares MSCI Mexico Capped ETF	Latin America	Broad Equity	0.48%	5.29	7.14	60.20
3	EPU	iShares MSCI All Peru Capped ETF	Latin America	Broad Equity	0.63%	5.98	7.19	58.60
4	EWZ	iShares MSCI Brazil Capped ETF	Latin America	Broad Equity	0.62%	6.66	6.79	57.80
5	HEWW	iShares Currency Hedged MSCI Mexico ETF	Latin America	Large Cap	0.51%	5.85	6.42	53.40
1	ISRA	VanEck Vectors Israel ETF	Middle East & Africa	Broad Equity	0.59%	4.72	7.88	61.00
2	EIS	iShares MSCI Israel Capped ETF	Middle East & Africa	Broad Equity	0.62%	5.01	7.60	60.20
3	NGE	Global X MSCI Nigeria ETF	Middle East & Africa	Broad Equity	0.93%	6.81	7.22	56.60
4	ITEQ	BlueStar TA-BIGTECH Israel Technology ETF	Middle East & Africa	Technology	0.75%	5.34	7.49	55.00
5	QAT	iShares MSCI Qatar Capped ETF	Middle East & Africa	Broad Equity	0.64%	6.39	6.63	54.20
1	CNTR	PowerShares Contrarian Opportunities Portfolio	North America	Broad Equity	0.35%	4.61	8.67	69.50
2	QQQE	Direxion NASDAQ 100 Equal Weighted Index Shares	North America	Large Cap	0.35%	3.65	8.63	68.90
3	WMW	ELEMENTS Linked to the Morningstar Wide Moat Focus Total Return	North America	Alpha-Seeking	0.75%	7.44	8.95	67.00
4	PZI	Powershares Zacks Micro Cap Portfolio	North America	Micro Cap	0.81%	5.15	8.22	64.60
5	FVL	First Trust Value Line 100 Exchange-Traded Fund	North America	Alpha-Seeking	0.70%	4.71	8.19	64.50

1	EEM	iShares MSCI Emerging Markets ETF	Emerging Markets	Broad Equity	0.72%	5.40	8.06	65.20
2	EEMV	iShares Edge MSCI Min Vol Emerging Markets ETF	Emerging Markets	Broad Equity	0.25%	4.15	7.81	63.90
3	EMIF	iShares Emerging Markets Infrastructure ETF	Emerging Markets	Theme	0.75%	6.20	7.70	63.80
4	EMGF	iShares Edge MSCI Multifactor Emerging Markets ETF	Emerging Markets	Broad Equity	0.45%	5.26	7.76	61.80
5	EEMO	PowerShares S&P Emerging Market Momentum Portfolio	Emerging Markets	Broad Equity	0.29%	3.93	7.86	59.80
1	HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	Developed Markets	Large Cap	0.43%	5.07	7.99	63.60
2	ISCF	iShares Edge MSCI Multifactor Intl Small-Cap ETF	Developed Markets	Small Cap	0.40%	4.38	7.51	60.80
3	GCOW	Pacer Global High Dividend ETF	Developed Markets	High Dividend Yield	0.60%	3.94	7.70	60.70
4	KLDW	Knowledge Leaders Developed World ETF	Developed Markets	Broad Equity	0.75%	5.28	7.71	59.80
5	HDEF	Deutsche X-trackers MSCI EAFE High Dividend Yield Hedged Equity E	Developed Markets	High Dividend Yield	0.45%	5.03	7.41	59.60

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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%	7.44	8.95	67.00
2	FVL	First Trust Value Line 100 Exchange-Traded Fund	Alpha-Seeking	North America	0.70%	4.71	8.19	64.50
3	TTFS	Wilshire Buyback ETF	Alpha-Seeking	North America	0.90%	4.92	7.61	62.30
4	IBLN	Direxion iBillionaire Index ETF	Alpha-Seeking	North America	0.65%	4.72	7.12	59.10
5	JUNE	Dhandho Junoon ETF	Alpha-Seeking	North America	0.75%	6.45	7.33	58.00
1	EWY	iShares MSCI South Korea Capped ETF	Broad Equity	Asia-Pacific	0.62%	4.83	8.98	72.50
2	FNI	First Trust ISE Chindia Index Fund	Broad Equity	Asia-Pacific	0.60%	5.71	10.00	72.30
3	AADR	AdvisorShares Dorsey Wright ADR ETF	Broad Equity	Global Ex-U.S.	1.27%	7.52	9.58	71.90
4	CNTR	PowerShares Contrarian Opportunities Portfolio	Broad Equity	North America	0.35%	4.61	8.67	69.50
5	EWP	iShares MSCI Spain Capped ETF	Broad Equity	Europe	0.48%	6.49	8.80	69.00
1	GCOW	Pacer Global High Dividend ETF	High Dividend Yield	Developed Markets	0.60%	3.94	7.70	60.70
2	HDEF	Deutsche X-trackers MSCI EAFE High Dividend Yield Hedged Equity ETF	High Dividend Yield	Developed Markets	0.45%	5.03	7.41	59.60
3	CID	VictoryShares International High Div Volatility Wtd ETF	High Dividend Yield	Global Ex-U.S.	0.45%	5.96	7.52	59.40
4	FIEG	FI Enhanced Global High Yield Exchange Traded Notes	High Dividend Yield	Global	0.10%	6.61	7.18	57.40
5	GHII	Guggenheim S&P High Income Infrastructure ETF	High Dividend Yield	Global	0.45%	5.21	6.86	57.10
1	CSLS	Credit Suisse X-Links Long/Short Equity ETN	Long/Short	Global	0.45%	6.50	7.76	60.50
2	MNA	IQ Merger Arbitrage ETF	Long/Short	Global	0.76%	1.70	6.36	54.20
3	HTUS	Hull Tactical US ETF	Long/Short	North America	0.91%	3.15	6.50	53.80
4	MOM	QuantShares U.S. Market Neutral Momentum Fund	Long/Short	North America	0.75%	7.02	7.16	51.20
5	FTLS	First Trust Long/Short Equity ETF	Long/Short	Global	1.47%	5.68	5.74	50.60
1	PSK	SPDR Wells Fargo Preferred Stock ETF	Preferred Stock	North America	0.45%	3.53	7.07	56.80
2	VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	North America	0.50%	2.11	6.35	53.40
3	PFF	iShares US Preferred Stock ETF	Preferred Stock	North America	0.47%	2.91	4.70	44.40
4	PFXF	VanEck Vectors Preferred Securities ex Financials ETF	Preferred Stock	Global	0.40%	3.26	4.87	43.90
5	IPFF	iShares International Preferred Stock ETF	Preferred Stock	Developed Markets	0.55%	5.24	4.88	43.70
1	EMIF	iShares Emerging Markets Infrastructure ETF	Theme	Emerging Markets	0.75%	6.20	7.70	63.80
2	MPCT	iShares Sustainable MSCI Global Impact ETF	Theme	Global	0.49%	5.62	7.86	63.40
3	LNGR	Global X Longevity Thematic ETF	Theme	Global	0.68%	5.89	8.42	62.00
4	ARKQ	ARK Industrial Innovation ETF	Theme	Global	0.75%	6.21	8.10	60.50
5	EQLT	Workplace Equality Portfolio	Theme	Global	0.75%	5.34	7.77	59.80
1	QQQE	Direxion NASDAQ 100 Equal Weighted Index Shares	Large Cap	North America	0.35%	3.65	8.63	68.90
2	FXI	iShares China Large-Cap ETF	Large Cap	Asia-Pacific	0.73%	4.87	8.54	67.70
3	HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	Large Cap	Developed Markets	0.43%	5.07	7.99	63.60
4	ILF	iShares Latin America 40 ETF	Large Cap	Latin America	0.49%	6.42	7.61	62.90
5	EQWL	PowerShares Russell Top 200 Equal Weight Portfolio	Large Cap	North America	0.25%	5.84	7.50	62.60

1	JPME	JPMorgan Diversified Return U.S. Mid Cap Equity ETF	Mid Cap	North America	0.34%	3.69	7.56	61.50
2	JHMM	John Hancock Multifactor Mid Cap ETF	Mid Cap	North America	0.45%	3.37	7.32	60.40
3	EQWM	PowerShares Russell Midcap Equal Weight Portfolio	Mid Cap	North America	0.25%	5.66	7.26	60.10
4	PTMC	Pacer Trendpilot 450 ETF	Mid Cap	North America	0.60%	4.10	7.28	59.40
5	REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	Mid Cap	North America	0.40%	4.80	6.23	56.00
1	EWSC	Guggenheim S&P SmallCap 600 Equal Weight ETF	Small Cap	North America	0.46%	5.33	7.74	62.50
2	DWAS	PowerShares DWA SmallCap Momentum Portfolio	Small Cap	North America	0.60%	5.61	7.51	61.60
3	ISCF	iShares Edge MSCI Multifactor Intl Small-Cap ETF	Small Cap	Developed Markets	0.40%	4.38	7.51	60.80
4	FNDC	Schwab Fundamental International Small Cap Company index	Small Cap	Global Ex-U.S.	0.46%	3.68	7.16	59.70
5	RZV	Guggenheim S&P Smallcap 600 Pure Value ETF	Small Cap	North America	0.36%	5.35	7.05	59.00
1	PZI	Powershares Zacks Micro Cap Portfolio	Micro Cap	North America	0.81%	5.15	8.22	64.60
2	FDM	First Trust Dow Jones Select Microcap Index Fund	Micro Cap	North America	0.60%	5.28	6.30	53.50
3	WMCR	Wilshire Micro-Cap ETF	Micro Cap	North America	0.59%	4.39	5.89	50.30
4	IWC	iShares Micro-Cap ETF	Micro Cap	North America	0.60%	5.34	4.96	45.70

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*Key

***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 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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