

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%	4.75	7.70	60.60
2	SGDJ	Sprott Junior Gold Miners ETF	Basic Materials	Global	0.57%	7.23	8.26	58.50
3	MATF	iShares Edge MSCI Multifactor Materials ETF	Basic Materials	North America	0.35%	4.53	6.85	57.70
4	FMAT	Fidelity MSCI Materials Index ETF	Basic Materials	North America	0.08%	3.23	6.73	56.00
5	PICK	iShares MSCI Global Metals & Mining Producers ETF	Basic Materials	Global	0.39%	5.64	6.74	55.30
1	XRT	SPDR S&P Retail ETF	Consumer Discretionary	North America	0.35%	5.18	8.10	64.80
2	PMR	PowerShares Dynamic Retail Portfolio	Consumer Discretionary	North America	0.63%	5.54	8.15	63.10
3	PEJ	Powershares Dynamic Leisure & Entertainment Portfolio	Consumer Discretionary	North America	0.61%	4.06	7.95	61.70
4	FXD	First Trust Consumer Discretionary AlphaDEX Fund	Consumer Discretionary	North America	0.61%	3.66	7.01	57.10
5	PSCD	PowerShares S&P SmallCap Consumer Discretionary Portfolio	Consumer Discretionary	North America	0.29%	4.55	7.12	55.30
1	PSCC	PowerShares S&P SmallCap Consumer Staples Portfolio	Consumer Staples	North America	0.29%	4.14	7.41	61.70
2	JHMS	John Hancock Multifactor Consumer Staples ETF	Consumer Staples	North America	0.50%	4.67	7.66	60.90
3	CNSF	iShares Edge MSCI Multifactor Consumer Staples ETF	Consumer Staples	North America	0.35%	3.31	6.96	59.10
4	PBJ	Powershares Dynamic Food & Beverage Portfolio	Consumer Staples	North America	0.58%	3.49	6.90	58.20
5	XLP	Consumer Staples Select Sector SPDR Fund	Consumer Staples	North America	0.14%	2.06	6.45	57.40
1	CRAK	VanEck Vectors Oil Refiners ETF	Energy	Global	0.59%	5.92	8.16	62.00
2	ERGF	iShares Edge MSCI Multifactor Energy ETF	Energy	North America	0.35%	5.16	7.33	61.20
3	OIH	VanEck Vectors Oil Service ETF	Energy	Global	0.35%	6.01	7.01	60.10
4	JHME	John Hancock Multifactor Energy ETF	Energy	North America	0.50%	5.68	7.22	59.80
5	KOL	VanEck Vectors Coal ETF	Energy	Global	0.59%	7.52	7.19	59.10
1	FNCF	iShares Edge MSCI Multifactor Financials ETF	Financials	North America	0.35%	4.35	7.66	60.10
2	CHIX	Global X China Financials ETF	Financials	Asia-Pacific	0.65%	4.53	7.71	58.50
3	DXJF	WisdomTree Japan Hedged Financials Fund	Financials	Asia-Pacific	0.48%	4.86	6.87	55.10
4	PEX	ProShares Global Listed Private Equity ETF	Financials	Global	0.72%	5.62	7.08	54.50
5	JHMF	John Hancock Multifactor Financials ETF	Financials	North America	0.50%	4.06	6.88	54.50
1	XPH	SPDR S&P Pharmaceuticals ETF	Health Care	North America	0.35%	5.01	8.58	65.50
2	BBH	VanEck Vectors Biotech ETF	Health Care	Global	0.35%	5.17	8.44	65.30
3	JHMH	John Hancock Multifactor Healthcare ETF	Health Care	North America	0.50%	3.73	7.91	60.80
4	ORG	The Organics ETF	Health Care	Global	0.50%	5.19	8.42	60.60
5	BBP	BioShares Biotechnology Products ETF	Health Care	North America	0.85%	6.58	8.04	60.40
1	JETS	U.S. Global Jets ETF	Industrials	Global	0.60%	5.70	7.74	59.50
2	INDF	iShares Edge MSCI Multifactor Industrials ETF	Industrials	North America	0.35%	4.74	6.70	58.00
3	FLM	First Trust ISE Global Engineering and Construction Index Fund	Industrials	Global	0.70%	7.45	6.72	57.20
4	IYT	iShares Transportation Average ETF	Industrials	North America	0.43%	5.27	6.07	57.00
5	AIRR	First Trust RBA American Industrial Renaissance ETF	Industrials	North America	0.70%	3.77	6.21	55.40

1	NFRA	FlexShares STOXX Global Broad Infrastructure Index Fund	Natural Resources	Global	0.47%	4.05	7.70	58.60
2	FTRI	First Trust Indxx Global Natural Resources Income ETF	Natural Resources	Global	0.70%	4.22	7.22	57.10
3	FTAG	First Trust Indxx Global Agriculture ETF	Natural Resources	Global	0.70%	4.93	7.19	55.20
4	TOLZ	DJ Brookfield Global Infrastructure ETF	Natural Resources	Global	0.45%	4.73	6.59	54.10
5	NANR	SPDR S&P North American Natural Resources ETF	Natural Resources	North America	0.35%	5.07	6.58	49.40
1	TCHF	iShares Edge MSCI Multifactor Technology ETF	Technology	North America	0.35%	6.73	8.75	66.70
2	HACK	PureFunds ISE Cyber Security ETF	Technology	Global	0.75%	5.19	8.55	65.40
3	XTH	SPDR S&P Technology Hardware ETF	Technology	North America	0.35%	6.13	7.67	61.90
4	KWEB	KraneShares CSI China Internet ETF	Technology	Asia-Pacific	0.72%	6.98	8.62	61.10
5	EMQQ	Emerging Markets Internet & Ecommerce ETF	Technology	Emerging Markets	0.86%	5.96	8.40	61.00
1	FCOM	Fidelity MSCI Telecommunication Services Index ETF	Telecommunications	North America	0.08%	2.93	6.56	55.10
2	VOX	Vanguard Telecommunication Services ETF	Telecommunications	North America	0.10%	4.84	6.27	53.30
3	XTL	SPDR S&P Telecom ETF	Telecommunications	North America	0.35%	4.53	5.37	49.00
4	IYZ	iShares US Telecommunications ETF	Telecommunications	North America	0.43%	5.01	5.30	48.20
5	IXP	iShares Global Telecom ETF	Telecommunications	Global	0.47%	4.98	5.44	48.20
1	JHMU	John Hancock Multifactor Utilities ETF	Utilities	North America	0.50%	4.78	8.28	64.80
2	UTLF	iShares Edge MSCI Multifactor Utilities ETF	Utilities	North America	0.35%	3.90	7.04	59.80
3	FUTY	Fidelity MSCI Utilities Index ETF	Utilities	North America	0.08%	2.66	6.59	56.00
4	XLU	Utilities Select Sector SPDR Fund	Utilities	North America	0.14%	3.04	5.34	51.60
5	VPU	Vanguard Utilities ETF	Utilities	North America	0.10%	3.98	5.37	50.50

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Equity ETF Select List - Geography

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	Ticker	Name	Region	Focus	TER	Risk*	Reward*	Quant*
1	FNI	First Trust ISE Chindia Index Fund	Asia-Pacific	Broad Equity	0.60%	5.80	10.00	70.50
2	EWY	iShares MSCI South Korea Capped ETF	Asia-Pacific	Broad Equity	0.62%	4.23	8.42	67.40
3	PGJ	Powershares Golden Dragon China Portfolio	Asia-Pacific	Broad Equity	0.70%	6.31	9.28	65.00
4	FXI	iShares China Large-Cap ETF	Asia-Pacific	Large Cap	0.73%	5.39	8.38	64.80
5	SCIJ	Global X Scientific Beta Japan ETF	Asia-Pacific	Broad Equity	0.38%	3.70	8.21	64.00
1	EWU	iShares MSCI United Kingdom ETF	Europe	Broad Equity	0.48%	3.30	8.15	64.60
2	EDOM	WisdomTree Europe Domestic Economy Fund	Europe	Broad Equity	0.48%	5.43	7.94	60.20
3	DAX	Horizons DAX Germany ETF	Europe	Large Cap	0.45%	5.67	8.02	59.70
4	JPEU	JPMorgan Diversified Return Europe Equity ETF	Europe	Broad Equity	0.43%	5.61	7.78	59.40
5	SCID	Global X Scientific Beta Europe ETF	Europe	Broad Equity	0.38%	5.49	7.66	58.90
1	HACK	PureFunds ISE Cyber Security ETF	Global	Technology	0.75%	5.19	8.55	65.40
2	BBH	VanEck Vectors Biotech ETF	Global	Health Care	0.35%	5.17	8.44	65.30
3	CRAK	VanEck Vectors Oil Refiners ETF	Global	Energy	0.59%	5.92	8.16	62.00
4	MPCT	iShares Sustainable MSCI Global Impact ETF	Global	Theme	0.49%	4.34	7.75	61.30
5	HECO	EcoLogical Strategy ETF	Global	Theme	0.95%	6.92	8.47	60.70
1	AADR	AdvisorShares Dorsey Wright ADR ETF	Global Ex-U.S.	Broad Equity	1.27%	7.60	9.61	67.70
2	ESGD	iShares MSCI EAFE ESG Select ETF	Global Ex-U.S.	Theme	0.40%	3.37	8.00	63.70
3	ESGN	Columbia Sustainable International Equity Income ETF	Global Ex-U.S.	Broad Equity	0.45%	3.72	8.15	62.90
4	IMOM	MomentumShares International Quantitative Momentum ETF	Global Ex-U.S.	Broad Equity	0.79%	6.36	7.88	61.20
5	ISZE	iShares Edge MSCI Intl Size Factor ETF	Global Ex-U.S.	Large Cap	0.30%	5.80	7.59	60.30
1	BMLA	BullMark LatAm Select Leaders ETF	Latin America	Broad Equity	0.70%	8.76	8.64	62.90
2	EWV	iShares MSCI Mexico Capped ETF	Latin America	Broad Equity	0.48%	5.42	7.40	60.20
3	EPU	iShares MSCI All Peru Capped ETF	Latin America	Broad Equity	0.63%	5.58	7.63	60.10
4	EWZ	iShares MSCI Brazil Capped ETF	Latin America	Broad Equity	0.62%	6.68	7.27	59.20
5	ILF	iShares Latin America 40 ETF	Latin America	Large Cap	0.49%	6.58	6.40	54.90
1	EIS	iShares MSCI Israel Capped ETF	Middle East & Africa	Broad Equity	0.62%	4.71	7.40	57.70
2	ITEQ	BlueStar TA-BIGTECH Israel Technology ETF	Middle East & Africa	Technology	0.75%	5.09	7.59	57.70
3	NGE	Global X MSCI Nigeria ETF	Middle East & Africa	Broad Equity	0.93%	6.13	7.54	57.10
4	GAF	SPDR S&P Emerging Middle East & Africa ETF	Middle East & Africa	Broad Equity	0.49%	6.97	7.44	55.80
5	QAT	iShares MSCI Qatar Capped ETF	Middle East & Africa	Broad Equity	0.64%	6.52	7.11	55.80
1	QQQE	Direxion NASDAQ 100 Equal Weighted Index Shares	North America	Large Cap	0.35%	3.95	9.44	71.90
2	CNTR	PowerShares Contrarian Opportunities Portfolio	North America	Broad Equity	0.35%	3.42	9.26	71.00
3	TCHF	iShares Edge MSCI Multifactor Technology ETF	North America	Technology	0.35%	6.73	8.75	66.70
4	XPH	SPDR S&P Pharmaceuticals ETF	North America	Health Care	0.35%	5.01	8.58	65.50
5	XRT	SPDR S&P Retail ETF	North America	Consumer Discretionary	0.35%	5.18	8.10	64.80

1	ESGE	iShares MSCI EM ESG Select ETF	Emerging Markets	Theme	0.45%	4.41	8.36	64.30
2	SCHE	Schwab Emerging Markets Equity ETF	Emerging Markets	Broad Equity	0.13%	5.12	8.01	63.00
3	FLQE	Franklin LibertyQ Emerging Markets ETF	Emerging Markets	Broad Equity	0.55%	5.01	8.23	61.20
4	EMQQ	Emerging Markets Internet & Ecommerce ETF	Emerging Markets	Technology	0.86%	5.96	8.40	61.00
5	EMSD	WisdomTree Strong Dollar Emerging Markets Equity Fund	Emerging Markets	Broad Equity	0.58%	6.64	7.77	59.90
1	INTF	iShares Edge MSCI Multifactor Intl ETF	Developed Markets	Broad Equity	0.30%	3.46	7.88	62.70
2	DBEF	Deutsche X-trackers MSCI EAFE Hedged Equity Fund	Developed Markets	Broad Equity	0.35%	3.62	7.12	58.30
3	RFDI	First Trust RiverFront Dynamic Developed International ETF	Developed Markets	Broad Equity	0.83%	5.09	7.06	58.00
4	PID	PowerShares International Dividend Achievers Portfolio	Developed Markets	High Dividend Yield	0.58%	5.11	7.02	57.40
5	DBES	Deutsche X-trackers MSCI EAFE Small Cap Hedged Equity ETF	Developed Markets	Broad Equity	0.45%	6.26	7.26	57.40

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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%	6.37	8.78	64.10
2	FVL	First Trust Value Line 100 Exchange-Traded Fund	Alpha-Seeking	North America	0.70%	4.63	8.10	63.60
3	IBLN	Direxion iBillionaire Index ETF	Alpha-Seeking	North America	0.65%	4.97	7.43	59.10
4	DWAQ	PowerShares DWA NASDAQ Momentum Portfolio	Alpha-Seeking	North America	0.60%	6.50	7.38	58.90
5	GURI	Global X Guru International Index ETF	Alpha-Seeking	Global Ex-U.S.	0.75%	7.43	7.87	58.50
1	CNTR	PowerShares Contrarian Opportunities Portfolio	Broad Equity	North America	0.35%	3.42	9.26	71.00
2	FNI	First Trust ISE Chindia Index Fund	Broad Equity	Asia-Pacific	0.60%	5.80	10.00	70.50
3	AADR	AdvisorShares Dorsey Wright ADR ETF	Broad Equity	Global Ex-U.S.	1.27%	7.60	9.61	67.70
4	EWY	iShares MSCI South Korea Capped ETF	Broad Equity	Asia-Pacific	0.62%	4.23	8.42	67.40
5	PGJ	Powershares Golden Dragon China Portfolio	Broad Equity	Asia-Pacific	0.70%	6.31	9.28	65.00
1	VYMI	Vanguard International High Dividend Yield ETF	High Dividend Yield	Global Ex-U.S.	0.30%	3.86	7.95	60.20
2	CID	VictoryShares International High Div Volatility Wtd ETF	High Dividend Yield	Global Ex-U.S.	0.45%	5.00	7.73	59.70
3	IQDY	FlexShares International Quality Dividend Dynamic Index Fund	High Dividend Yield	Global Ex-U.S.	0.47%	5.53	7.36	57.90
4	PID	PowerShares International Dividend Achievers Portfolio	High Dividend Yield	Developed Markets	0.58%	5.11	7.02	57.40
5	HDEE	Deutsche X-trackers MSCI Emerging Markets High Dividend Yield Hedge	High Dividend Yield	Emerging Markets	0.65%	6.38	7.58	57.20
1	HTUS	Hull Tactical US ETF	Long/Short	North America	0.91%	2.68	7.03	56.10
2	MNA	IQ Merger Arbitrage ETF	Long/Short	Global	0.76%	1.94	6.71	54.00
3	FTLS	First Trust Long/Short Equity ETF	Long/Short	Global	1.47%	5.41	5.88	50.60
4	CHEP	QuantShares U.S. Market Neutral Value Fund	Long/Short	North America	0.75%	8.37	7.41	49.60
5	MOM	QuantShares U.S. Market Neutral Momentum Fund	Long/Short	North America	0.75%	7.09	6.74	47.40
1	PSK	SPDR Wells Fargo Preferred Stock ETF	Preferred Stock	North America	0.45%	3.57	7.40	55.80
2	PFXF	VanEck Vectors Preferred Securities ex Financials ETF	Preferred Stock	Global	0.40%	2.96	6.98	55.00
3	VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	North America	0.50%	1.93	5.70	48.70
4	PFF	iShares US Preferred Stock ETF	Preferred Stock	North America	0.47%	2.79	5.18	46.40
5	FPE	First Trust Preferred Securities and Income ETF	Preferred Stock	Global	0.86%	2.69	5.27	43.80
1	ESGE	iShares MSCI EM ESG Select ETF	Theme	Emerging Markets	0.45%	4.41	8.36	64.30
2	ESGD	iShares MSCI EAFE ESG Select ETF	Theme	Global Ex-U.S.	0.40%	3.37	8.00	63.70
3	MPCT	iShares Sustainable MSCI Global Impact ETF	Theme	Global	0.49%	4.34	7.75	61.30
4	HECO	EcoLogical Strategy ETF	Theme	Global	0.95%	6.92	8.47	60.70
5	LNGR	Global X Longevity Thematic ETF	Theme	Global	0.68%	4.58	8.42	60.50
1	QQQE	Direxion NASDAQ 100 Equal Weighted Index Shares	Large Cap	North America	0.35%	3.95	9.44	71.90
2	FXI	iShares China Large-Cap ETF	Large Cap	Asia-Pacific	0.73%	5.39	8.38	64.80
3	QQQ	Powershares QQQ Trust Series 1	Large Cap	North America	0.20%	3.62	7.51	61.10
4	ISZE	iShares Edge MSCI Intl Size Factor ETF	Large Cap	Global Ex-U.S.	0.30%	5.80	7.59	60.30
5	WBIF	WBI Large Cap Tactical Value Shares	Large Cap	Global	1.05%	3.94	7.24	60.10

1	REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	Mid Cap	North America	0.40%	4.24	7.48	62.00
2	JPME	JPMorgan Diversified Return U.S. Mid Cap Equity ETF	Mid Cap	North America	0.34%	3.48	7.89	61.90
3	PTMC	Pacer Trendpilot 450 ETF	Mid Cap	North America	0.60%	4.26	7.67	57.70
4	RFV	Guggenheim S&P Midcap 400 Pure Value ETF	Mid Cap	North America	0.35%	3.88	6.54	56.10
5	JHMM	John Hancock Multifactor Mid Cap ETF	Mid Cap	North America	0.45%	3.15	6.75	55.70
1	SCAP	Cornerstone Small Cap ETF	Small Cap	North America	0.90%	5.95	7.94	60.70
2	SMDV	ProShares Russell 2000 Dividend Growers ETF	Small Cap	North America	0.40%	4.62	7.19	60.30
3	DWAS	PowerShares DWA SmallCap Momentum Portfolio	Small Cap	North America	0.60%	5.56	7.46	59.60
4	HAO	Guggenheim China Small Cap ETF	Small Cap	Asia-Pacific	0.75%	6.45	7.85	59.30
5	RZV	Guggenheim S&P Smallcap 600 Pure Value ETF	Small Cap	North America	0.36%	4.93	7.20	59.20
1	PZI	Powershares Zacks Micro Cap Portfolio	Micro Cap	North America	0.81%	5.26	7.92	61.00
2	FDM	First Trust Dow Jones Select Microcap Index Fund	Micro Cap	North America	0.60%	4.79	6.05	50.90
3	WMCR	Wilshire Micro-Cap ETF	Micro Cap	North America	0.59%	4.05	5.71	48.10
4	IWC	iShares Micro-Cap ETF	Micro Cap	North America	0.60%	5.00	4.73	43.40

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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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