

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	MATF	iShares Edge MSCI Multifactor Materials ETF	Basic Materials	North America	0.35%	4.73	6.63	58.30
2	SGDJ	Sprott Junior Gold Miners ETF	Basic Materials	Global	0.57%	7.61	7.76	58.10
3	GDXJ	VanEck Vectors Junior Gold Miners ETF	Basic Materials	Global	0.56%	7.34	6.25	55.80
4	FMAT	Fidelity MSCI Materials Index ETF	Basic Materials	North America	0.08%	3.17	6.46	55.80
5	MXI	iShares Global Materials ETF	Basic Materials	Global	0.47%	6.25	5.96	54.40
1	XRT	SPDR S&P Retail ETF	Consumer Discretionary	North America	0.35%	5.27	7.70	65.00
2	PMR	PowerShares Dynamic Retail Portfolio	Consumer Discretionary	North America	0.63%	6.10	7.69	62.90
3	FXD	First Trust Consumer Discretionary AlphaDEX Fund	Consumer Discretionary	North America	0.61%	3.66	7.27	60.70
4	PEJ	Powershares Dynamic Leisure & Entertainment Portfolio	Consumer Discretionary	North America	0.61%	4.47	7.30	60.30
5	PSCD	PowerShares S&P SmallCap Consumer Discretionary Portfolio	Consumer Discretionary	North America	0.29%	4.68	7.31	58.40
1	PSCC	PowerShares S&P SmallCap Consumer Staples Portfolio	Consumer Staples	North America	0.29%	4.40	6.91	60.70
2	CNSF	iShares Edge MSCI Multifactor Consumer Staples ETF	Consumer Staples	North America	0.35%	3.46	6.59	58.70
3	XLP	Consumer Staples Select Sector SPDR Fund	Consumer Staples	North America	0.14%	2.64	6.34	58.20
4	FSTA	Fidelity MSCI Consumer Staples Index ETF	Consumer Staples	North America	0.08%	2.32	6.49	57.20
5	JHMS	John Hancock Multifactor Consumer Staples ETF	Consumer Staples	North America	0.50%	4.79	6.49	56.50
1	OIH	VanEck Vectors Oil Service ETF	Energy	Global	0.35%	6.12	6.91	61.60
2	ERGF	iShares Edge MSCI Multifactor Energy ETF	Energy	North America	0.35%	5.31	6.94	60.80
3	JHME	John Hancock Multifactor Energy ETF	Energy	North America	0.50%	5.89	7.06	60.20
4	AMLP	Alerian MLP ETF	Energy	North America	0.85%	6.66	7.54	58.20
5	CRAK	VanEck Vectors Oil Refiners ETF	Energy	Global	0.59%	5.87	7.08	58.20
1	FNCF	iShares Edge MSCI Multifactor Financials ETF	Financials	North America	0.35%	4.58	7.43	61.00
2	DXJF	WisdomTree Japan Hedged Financials Fund	Financials	Asia-Pacific	0.48%	5.20	7.37	59.90
3	IXG	iShares Global Financials ETF	Financials	Global	0.47%	5.70	6.98	58.70
4	KBWD	PowerShares KBW High Dividend Yield Financial Portfolio	Financials	North America	3.08%	4.97	6.75	57.40
5	PEX	ProShares Global Listed Private Equity ETF	Financials	Global	0.72%	6.62	7.05	56.20
1	BBH	VanEck Vectors Biotech ETF	Health Care	Global	0.35%	5.66	8.27	67.00
2	XPH	SPDR S&P Pharmaceuticals ETF	Health Care	North America	0.35%	5.74	8.28	66.50
3	IBB	iShares Nasdaq Biotechnology ETF	Health Care	North America	0.47%	5.19	7.63	62.50
4	IHE	iShares US Pharmaceuticals ETF	Health Care	North America	0.43%	5.94	7.69	62.30
5	PJP	Powershares Dynamic Pharmaceuticals Portfolio	Health Care	North America	0.58%	6.08	7.11	60.70
1	IYT	iShares Transportation Average ETF	Industrials	North America	0.43%	5.27	6.60	61.50
2	AIRR	First Trust RBA American Industrial Renaissance ETF	Industrials	North America	0.70%	4.61	6.79	59.90
3	JETS	U.S. Global Jets ETF	Industrials	Global	0.60%	4.97	7.20	58.50
4	FLM	First Trust ISE Global Engineering and Construction Index Fund	Industrials	Global	0.70%	6.97	6.59	58.10
5	INDF	iShares Edge MSCI Multifactor Industrials ETF	Industrials	North America	0.35%	4.56	6.42	58.00

1	FTAG	First Trust Indxx Global Agriculture ETF	Natural Resources	Global	0.70%	5.64	7.05	56.40
2	FTRI	First Trust Indxx Global Natural Resources Income ETF	Natural Resources	Global	0.70%	4.18	6.63	55.60
3	NFRA	FlexShares STOXX Global Broad Infrastructure Index Fund	Natural Resources	Global	0.47%	4.67	6.68	54.50
4	TOLZ	DJ Brookfield Global Infrastructure ETF	Natural Resources	Global	0.45%	5.11	6.16	53.00
5	PAGG	PowerShares Global Agriculture Portfolio	Natural Resources	Global	0.76%	6.84	5.78	50.80
1	TCHF	iShares Edge MSCI Multifactor Technology ETF	Technology	North America	0.35%	6.92	8.28	66.80
2	XITK	SPDR FactSet Innovative Technology ETF	Technology	North America	0.45%	6.38	7.37	60.80
3	EMQQ	Emerging Markets Internet & Ecommerce ETF	Technology	Emerging Markets	0.86%	6.13	7.92	60.60
4	KWEB	KraneShares CSI China Internet ETF	Technology	Asia-Pacific	0.72%	7.13	7.99	60.10
5	HACK	PureFunds ISE Cyber Security ETF	Technology	Global	0.75%	5.67	7.19	59.70
1	FCOM	Fidelity MSCI Telecommunication Services Index ETF	Telecommunications	North America	0.08%	3.24	6.41	55.60
2	IXP	iShares Global Telecom ETF	Telecommunications	Global	0.47%	5.82	5.38	49.00
3	XTL	SPDR S&P Telecom ETF	Telecommunications	North America	0.35%	4.92	5.04	47.90
4	IYZ	iShares US Telecommunications ETF	Telecommunications	North America	0.43%	5.22	4.91	47.30
5	VOX	Vanguard Telecommunication Services ETF	Telecommunications	North America	0.10%	4.95	4.92	46.20
1	UTLF	iShares Edge MSCI Multifactor Utilities ETF	Utilities	North America	0.35%	4.13	6.75	59.90
2	JHMU	John Hancock Multifactor Utilities ETF	Utilities	North America	0.50%	4.80	6.86	58.40
3	FUTY	Fidelity MSCI Utilities Index ETF	Utilities	North America	0.08%	2.85	5.35	50.10
4	UTES	Reaves Utilities ETF	Utilities	North America	0.95%	5.60	6.12	49.90
5	VPU	Vanguard Utilities ETF	Utilities	North America	0.10%	4.21	4.93	48.60

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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%	4.26	8.64	71.40
2	FNI	First Trust ISE Chindia Index Fund	Asia-Pacific	Broad Equity	0.60%	5.93	9.48	70.90
3	PGJ	Powershares Golden Dragon China Portfolio	Asia-Pacific	Broad Equity	0.70%	6.62	9.12	67.10
4	FXI	iShares China Large-Cap ETF	Asia-Pacific	Large Cap	0.73%	4.90	8.01	65.30
5	AXJL	WisdomTree Asia-Pacific ex-Japan Fund	Asia-Pacific	Broad Equity	0.48%	4.73	7.80	63.80
1	EWU	iShares MSCI United Kingdom ETF	Europe	Broad Equity	0.48%	4.22	7.49	63.30
2	SCID	Global X Scientific Beta Europe ETF	Europe	Broad Equity	0.38%	5.38	7.56	60.60
3	FEZ	SPDR EURO STOXX 50 ETF	Europe	Large Cap	0.29%	5.32	6.77	59.60
4	JPEU	JPMorgan Diversified Return Europe Equity ETF	Europe	Broad Equity	0.43%	5.50	7.42	59.60
5	TUR	iShares MSCI Turkey ETF	Europe	Broad Equity	0.62%	6.71	7.10	59.50
1	BBH	VanEck Vectors Biotech ETF	Global	Health Care	0.35%	5.66	8.27	67.00
2	LNGR	Global X Longevity Thematic ETF	Global	Theme	0.68%	6.03	8.27	62.20
3	WBIL	WBI Large Cap Tactical Select Shares	Global	Large Cap	1.05%	4.14	7.39	61.70
4	OIH	VanEck Vectors Oil Service ETF	Global	Energy	0.35%	6.12	6.91	61.60
5	JPGE	JPMorgan Diversified Return Global Equity ETF	Global	Broad Equity	0.38%	3.97	7.06	59.90
1	AADR	AdvisorShares Dorsey Wright ADR ETF	Global Ex-U.S.	Broad Equity	1.27%	7.69	10.00	75.80
2	ESGD	iShares MSCI EAFE ESG Select ETF	Global Ex-U.S.	Theme	0.40%	3.96	7.71	64.10
3	CID	VictoryShares International High Div Volatility Wtd ETF	Global Ex-U.S.	High Dividend Yield	0.45%	5.14	7.55	61.00
4	IGRO	iShares International Dividend Growth ETF	Global Ex-U.S.	Broad Equity	0.22%	5.04	7.48	60.60
5	IMOM	MomentumShares International Quantitative Momentum ETF	Global Ex-U.S.	Broad Equity	0.79%	6.87	7.37	60.30
1	EPU	iShares MSCI All Peru Capped ETF	Latin America	Broad Equity	0.63%	6.50	7.92	63.70
2	EWW	iShares MSCI Mexico Capped ETF	Latin America	Broad Equity	0.48%	5.51	7.30	61.70
3	EWZ	iShares MSCI Brazil Capped ETF	Latin America	Broad Equity	0.62%	6.69	7.24	61.10
4	ILF	iShares Latin America 40 ETF	Latin America	Large Cap	0.49%	6.67	6.94	59.40
5	FLN	First Trust Latin America AlphaDEX Fund	Latin America	Broad Equity	0.80%	7.29	6.96	58.60
1	EIS	iShares MSCI Israel Capped ETF	Middle East & Africa	Broad Equity	0.62%	4.72	7.64	61.30
2	ITEQ	BlueStar TA-BIGTECH Israel Technology ETF	Middle East & Africa	Technology	0.75%	5.14	7.49	59.20
3	NGE	Global X MSCI Nigeria ETF	Middle East & Africa	Broad Equity	0.93%	6.61	7.51	58.90
4	ISRA	VanEck Vectors Israel ETF	Middle East & Africa	Broad Equity	0.59%	4.20	7.40	58.70
5	QAT	iShares MSCI Qatar Capped ETF	Middle East & Africa	Broad Equity	0.64%	6.83	6.40	53.70
1	QQQE	Direxion NASDAQ 100 Equal Weighted Index Shares	North America	Large Cap	0.35%	4.41	9.28	74.10
2	CNTR	PowerShares Contrarian Opportunities Portfolio	North America	Broad Equity	0.35%	3.96	8.94	72.10
3	TCHF	iShares Edge MSCI Multifactor Technology ETF	North America	Technology	0.35%	6.92	8.28	66.80
4	XPH	SPDR S&P Pharmaceuticals ETF	North America	Health Care	0.35%	5.74	8.28	66.50
5	FVL	First Trust Value Line 100 Exchange-Traded Fund	North America	Alpha-Seeking	0.70%	4.47	8.04	65.80

1	ESGE	iShares MSCI EM ESG Select ETF	Emerging Markets	Theme	0.45%	4.69	7.92	64.40
2	FLQE	Franklin LibertyQ Emerging Markets ETF	Emerging Markets	Broad Equity	0.55%	5.02	8.04	63.00
3	EMIF	iShares Emerging Markets Infrastructure ETF	Emerging Markets	Theme	0.75%	6.74	7.53	62.90
4	EEM	iShares MSCI Emerging Markets ETF	Emerging Markets	Broad Equity	0.72%	5.31	7.50	62.50
5	EMQQ	Emerging Markets Internet & Ecommerce ETF	Emerging Markets	Technology	0.86%	6.13	7.92	60.60
1	HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	Developed Markets	Large Cap	0.43%	4.78	7.67	62.10
2	INTF	iShares Edge MSCI Multifactor Intl ETF	Developed Markets	Broad Equity	0.30%	3.93	7.22	61.60
3	EFV	iShares MSCI EAFE Value ETF	Developed Markets	Broad Equity	0.40%	5.89	7.33	61.40
4	EFA	iShares MSCI EAFE ETF	Developed Markets	Broad Equity	0.33%	4.99	6.91	60.30
5	BFIT	Global X Health & Wellness Thematic ETF	Developed Markets	Theme	0.68%	4.89	7.64	59.50

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Equity ETF Select List - Strategies

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	Ticker	Name	Focus	Region	TER	Risk*	Reward*	Quant*
1	FVL	First Trust Value Line 100 Exchange-Traded Fund	Alpha-Seeking	North America	0.70%	4.47	8.04	65.80
2	WMW	ELEMENTS Linked to the Morningstar Wide Moat Focus Total Return In	Alpha-Seeking	North America	0.75%	6.83	8.43	65.00
3	TTFS	Wilshire Buyback ETF	Alpha-Seeking	North America	0.90%	5.11	7.88	64.00
4	DWAQ	PowerShares DWA NASDAQ Momentum Portfolio	Alpha-Seeking	North America	0.60%	6.80	7.29	60.60
5	IBLN	Direxion iBillionaire Index ETF	Alpha-Seeking	North America	0.65%	4.80	6.87	57.70
1	AADR	AdvisorShares Dorsey Wright ADR ETF	Broad Equity	Global Ex-U.S.	1.27%	7.69	10.00	75.80
2	CNTR	PowerShares Contrarian Opportunities Portfolio	Broad Equity	North America	0.35%	3.96	8.94	72.10
3	EWY	iShares MSCI South Korea Capped ETF	Broad Equity	Asia-Pacific	0.62%	4.26	8.64	71.40
4	FNI	First Trust ISE Chindia Index Fund	Broad Equity	Asia-Pacific	0.60%	5.93	9.48	70.90
5	PGJ	Powershares Golden Dragon China Portfolio	Broad Equity	Asia-Pacific	0.70%	6.62	9.12	67.10
1	CID	VictoryShares International High Div Volatility Wtd ETF	High Dividend Yield	Global Ex-U.S.	0.45%	5.14	7.55	61.00
2	RDVY	First Trust NASDAQ Rising Dividend Achievers	High Dividend Yield	North America	0.50%	3.50	6.57	58.30
3	GHI	Guggenheim S&P High Income Infrastructure ETF	High Dividend Yield	Global	0.45%	5.29	7.05	57.70
4	PID	PowerShares International Dividend Achievers Portfolio	High Dividend Yield	Developed Markets	0.58%	5.21	6.70	57.40
5	FIEG	FI Enhanced Global High Yield Exchange Traded Notes	High Dividend Yield	Global	0.10%	6.86	7.03	57.10
1	MNA	IQ Merger Arbitrage ETF	Long/Short	Global	0.76%	1.96	6.90	56.60
2	HTUS	Hull Tactical US ETF	Long/Short	North America	0.91%	2.88	6.59	55.20
3	FTLS	First Trust Long/Short Equity ETF	Long/Short	Global	1.47%	5.71	5.93	51.90
4	ALFA	AlphaClone Alternative Alpha ETF	Long/Short	North America	0.95%	6.23	5.47	47.30
5	CHEP	QuantShares U.S. Market Neutral Value Fund	Long/Short	North America	0.75%	8.93	6.41	45.50
1	PFXF	VanEck Vectors Preferred Securities ex Financials ETF	Preferred Stock	Global	0.40%	3.08	6.54	54.10
2	PSK	SPDR Wells Fargo Preferred Stock ETF	Preferred Stock	North America	0.45%	3.62	6.41	53.80
3	VRP	PowerShares Variable Rate Preferred Portfolio	Preferred Stock	North America	0.50%	2.03	5.76	50.10
4	IPFF	iShares International Preferred Stock ETF	Preferred Stock	Developed Markets	0.55%	5.71	5.25	45.70
5	PGX	PowerShares Preferred Portfolio	Preferred Stock	North America	0.50%	2.24	4.83	44.40
1	ESGE	iShares MSCI EM ESG Select ETF	Theme	Emerging Markets	0.45%	4.69	7.92	64.40
2	ESGD	iShares MSCI EAFE ESG Select ETF	Theme	Global Ex-U.S.	0.40%	3.96	7.71	64.10
3	EMIF	iShares Emerging Markets Infrastructure ETF	Theme	Emerging Markets	0.75%	6.74	7.53	62.90
4	LNGR	Global X Longevity Thematic ETF	Theme	Global	0.68%	6.03	8.27	62.20
5	BUZ	Sprott BUZZ Social Media Insights ETF	Theme	North America	0.75%	5.41	8.19	61.80
1	QQQE	Direxion NASDAQ 100 Equal Weighted Index Shares	Large Cap	North America	0.35%	4.41	9.28	74.10
2	FXI	iShares China Large-Cap ETF	Large Cap	Asia-Pacific	0.73%	4.90	8.01	65.30
3	HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	Large Cap	Developed Markets	0.43%	4.78	7.67	62.10
4	WBIL	WBI Large Cap Tactical Select Shares	Large Cap	Global	1.05%	4.14	7.39	61.70
5	QQQ	Powershares QQQ Trust Series 1	Large Cap	North America	0.20%	4.06	7.14	61.10

1	JPME	JPMorgan Diversified Return U.S. Mid Cap Equity ETF	Mid Cap	North America	0.34%	3.45	7.54	62.10
2	PTMC	Pacer Trendpilot 450 ETF	Mid Cap	North America	0.60%	3.83	7.17	57.30
3	RFV	Guggenheim S&P Midcap 400 Pure Value ETF	Mid Cap	North America	0.35%	4.19	6.50	57.10
4	REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	Mid Cap	North America	0.40%	5.03	6.41	57.00
5	JHMM	John Hancock Multifactor Mid Cap ETF	Mid Cap	North America	0.45%	3.21	6.60	56.40
1	RZV	Guggenheim S&P Smallcap 600 Pure Value ETF	Small Cap	North America	0.36%	5.20	7.30	61.50
2	DWAS	PowerShares DWA SmallCap Momentum Portfolio	Small Cap	North America	0.60%	5.74	7.41	61.50
3	HAO	Guggenheim China Small Cap ETF	Small Cap	Asia-Pacific	0.75%	5.84	7.73	60.90
4	FYT	First Trust Small Cap Value AlphaDEX Fund	Small Cap	North America	0.70%	4.54	7.08	60.00
5	SMDV	ProShares Russell 2000 Dividend Growers ETF	Small Cap	North America	0.40%	5.20	6.71	59.00
1	PZI	Powershares Zacks Micro Cap Portfolio	Micro Cap	North America	0.81%	5.53	7.80	62.80
2	FDM	First Trust Dow Jones Select Microcap Index Fund	Micro Cap	North America	0.60%	5.56	6.52	55.00
3	WMCR	Wilshire Micro-Cap ETF	Micro Cap	North America	0.59%	4.53	5.83	50.00
4	IWC	iShares Micro-Cap ETF	Micro Cap	North America	0.60%	5.54	4.41	42.10

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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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