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Introduction

A decade ago, the term 'cryptocurrency' was virtually unheard of. Since then, it has gained immense popularity and recognition. The massive appreciation in cryptocurrency valuations has drawn the attention of investors across the globe. Bitcoin, the pioneering cryptocurrency, remains the most popular but is now part of a continuously expanding list of cryptocurrencies. Although universal acceptance remains a challenge, it was only a matter of time until mainstream investors sought to participate in this new asset class.

Access to Crypto

On the back of rising investor demand, 2021 has witnessed the emergence of exchange-traded funds in the cryptocurrency space. Before getting to know the ETF product offerings, it is important to note that all 'crypto-ETFs' are not made equal! The mere mention of crypto in the nomenclature does not provide a clear-cut understanding of the underlying investment. For now, there are no ETFs tracking actual cryptocurrency prices. There are currently two ways in which investors can take on crypto-related exposure via ETFs:

1. An ETF that is linked to the futures contract of the underlying as a proxy for the physical price of the asset;
2. An ETF holding the equity of listed companies in the cryptocurrency space.

In Australia, BetaShares recently launched BetaShares Crypto Innovators ETF (CRYP). This product would belong to the second type from the above list. CRYP tracks the Bitwise Crypto Innovators Index, which comprises equity exposure of listed companies operating in the cryptocurrency ecosystem; the index has 32 constituents as of 31 Oct 2021. Exhibit 1 list the top 10 holdings of CRYP. The largest holding, Galaxy Digital, is a merchant bank that provides financial solutions across a spectrum of digital assets. Marathon Digital is a leading Bitcoin mining company, while Coinbase is one of the largest cryptocurrency exchanges in the United States. The key takeaway for an inquisitive investor is that the ETF does not provide 'true' cryptocurrency exposure.

Exhibit 1 Top 10 Holdings: BetaShares Crypto Innovators ETF (CRYP)

Company Name	Weightage (%)
Galaxy Digital	12.0
Marathon Digital	11.3
Coinbase Global	10.7
Silvergate Capital	10.2
Microstrategy	9.4
Riot Blockchain	5.2
Voyager Digital	4.8
Hut 8 Mining	4.4
Canaan Inc	3.9
Hive Blockchain	3.1

Data as of October 31, 2021.

The price movements in cryptocurrencies are not directly translated into the share price movement of the underlying companies and could often move in opposite directions. Plain and simple, the ETF is a thematic equity investment in the digital-asset environment.

Why a Crypto ETF?

One of the key reasons for the slowness in acceptance of cryptocurrency has been the intricacies involved in setting up a 'crypto wallet' to store the assets. A crypto wallet is a software or device that allows the storage and transfer of cryptocurrency. Establishing the prerequisite conditions requires considerable technical know-how and is not everyone's cup of tea. Also, the secure maintenance of such a complex arrangement could be a matter of concern for the uninitiated.

The ETF route is far more widely accepted and understood by investors. The familiarity and convenience of ETF investing provides access to larger pool of investors.

The Regulatory Landscape


The U.S. Securities and Exchange Commission seems to be handling the cryptocurrency situation with caution. Although the launch of exchange-traded products linked to the price of Bitcoin futures contracts has been approved, the SEC's current stance has been to not allow trading of products directly linked to cryptocurrency prices. The primary concern seems to be the lack of regulatory oversight over the exchanges, which could lead to price manipulation amongst other things.

Up until recently, the Australian Securities and Investments Commission had an unclear stance around the regulatory requirements for undertaking cryptocurrency transactions. However, after having updated new mandates regarding suitability of crypto assets, prevention of misrepresentation, and transparent pricing mechanisms, ASIC has given a green light to the inception of new ETPs linked to the crypto space. ASIC, at this point, has provided guidance regarding the holding of crypto assets in managed investment schemes but is yet to approve any product. Hence, currently the BetaShares ETF is the closest that many investors can get to crypto exposure.

Understanding Risk

A great deal of discussion is bubbling around the driving factors for the asset growth in cryptocurrency investments, and one will find opinion pieces across the spectrum. For a person holding cryptocurrency unwaveringly over the past few years, the holding returns in the popular cryptocurrencies have been almost too good to be true. However, the intermittent volatility is not for the faint-hearted!

The lofty peaks and dire lows within a short span of time can skew one's portfolio sharply, and even the most hardened investors will find it difficult to keep their asset-allocation decisions in check during the capricious phases. Thus, it should be noted that one must be starkly aware of the risk that accompanies these investments.

Morningstar currently publishes qualitative analyst research for 75 Australian ETPs. Individual investors can get access to our reports at www.morningstar.com.au, and financial advisors at <http://arc2.morningstar.com.au>. 

ETP Market Data as of 30 Sep 2021

ETF Name	Ticker	Net Assets (AUD)	3 Mo %	6 Mo %	1 Yr %	3 Yr % pa	5 Yr % pa	Strategic Beta	Strategic Beta Attributes	Fee %	Bid/Ask % ¹	Avg Prem/Disc ²	Traded Volume ³	# Holdings	% in Top 10	Launch Date
Vanguard Australian Shares ETF	VAS	9,516,467,389	1.88	10.49	30.97	9.89	10.47	No	Not Applicable	0.10	0.03	0.01	1,53,66,369	307	42.62	04-May-09
iShares S&P 500 ETF	IVV	4,895,783,452	4.49	14.84	28.74	15.63	17.96	No	Not Applicable	0.04	0.03	0.52	7,85,518	508	28.04	15-May-00
SPDR® S&P/ASX 200 ETF	STW	4,737,059,213	1.73	10.12	30.56	9.58	10.29	No	Not Applicable	0.13	0.04	-0.15	86,50,053	209	43.76	24-Aug-01
iShares Core S&P/ASX 200 ETF	IOZ	4,245,534,330	1.69	10.09	30.46	9.54	10.28	No	Not Applicable	0.09	0.05	-0.18	4,87,42,021	204	43.73	06-Dec-10
Vanguard MSCI Intl ETF	VGS	4,167,369,333	3.99	13.69	27.81	13.38	15.25	No	Not Applicable	0.18	0.03	0.54	67,22,453	1508	18.25	18-Nov-14
Vanguard US Total Market Shares ETF	VTS	2,866,338,259	3.78	13.92	30.74	16.07	18.21	No	Not Applicable	0.03	0.04	0.51	9,19,601	4024	22.96	08-May-09
iShares Global 100 ETF (AU)	IOO	2,466,489,159	4.14	14.48	27.05	15.27	17.22	No	Not Applicable	0.40	0.06	0.43	19,09,097	114	51.31	10-Oct-07
BetaShares Aus High Interest Cash ETF	AAA	2,422,164,510	0.07	0.17	0.40	1.07	1.46	No	Not Applicable	0.18	0.02	0.00	1,10,32,602	-	-	06-Mar-12
VanEck MSCI Wld ex Aus Qlty ETF	QUAL	2,361,409,879	4.08	17.01	25.12	17.82	18.66	Yes	Quality	0.40	0.07	0.62	54,27,738	305	33.18	29-Oct-14
Vanguard All-World ex-US Shares ETF	VEU	2,339,387,273	0.51	7.20	22.14	7.87	10.02	No	Not Applicable	0.09	0.13	0.21	24,01,251	3586	9.42	08-May-09
Vanguard Australian Property Secs ETF	VAP	2,337,421,087	4.71	15.88	30.43	9.06	7.57	No	Not Applicable	0.23	0.07	0.18	26,63,161	33	79.28	11-Oct-10
BetaShares NASDAQ 100 ETF	NDQ	2,299,357,245	4.90	18.36	27.80	24.84	26.57	No	Not Applicable	0.38	0.05	0.25	99,31,546	102	53.40	26-May-15
ETFS Physical Gold ETC	GOLD	2,178,081,242	2.63	8.45	-8.72	13.25	6.47	No	Not Applicable	0.40	0.05	-0.31	13,04,555	1	100.00	31-Mar-03
Vanguard Australian Shares High Yld ETF	VHY	1,920,530,017	-1.87	6.10	34.83	8.48	8.54	Yes	Dividend	0.25	0.06	0.02	34,31,336	62	68.60	23-May-11
BetaShares Global SstnbtY Ldrs ETF	ETHI	1,809,407,867	3.55	14.98	28.47	22.71	-	No	Not Applicable	0.49	0.10	0.81	1,85,64,614	201	33.03	05-Jan-17
iShares Core Composite Bond ETF	IAF	1,805,357,668	0.28	1.77	-1.72	3.97	2.88	No	Not Applicable	0.15	0.04	-0.03	26,13,756	538	26.39	12-Mar-12
BetaShares Australia 200 ETF	A200	1,741,834,619	1.73	10.29	31.14	9.72	-	No	Not Applicable	0.07	0.04	-0.11	32,81,834	201	45.06	07-May-18
Vanguard MSCI Intl (Hdg) ETF	VGAD	1,739,287,510	0.53	8.12	28.28	11.71	13.48	No	Not Applicable	0.21	0.06	0.71	36,20,650	1512	18.17	18-Nov-14
VanEck Australian Equal Wt ETF	MVW	1,684,109,655	3.28	10.64	28.60	8.61	10.12	Yes	Other	0.35	0.09	0.02	40,02,171	96	11.93	04-Mar-14
Vanguard Australian Fixed Interest ETF	VAF	1,435,034,404	0.28	1.73	-1.72	3.96	2.88	No	Not Applicable	0.20	0.06	-0.08	31,47,544	630	26.89	29-Oct-12
BetaShares Active Australian Hybrids ETF	HBRD	1,412,472,585	0.35	1.57	4.08	3.88	-	No	Not Applicable	0.45	0.12	0.09	2,59,47,542	-	-	13-Nov-17
Vanguard Diversified High Growth ETF	VDHG	1,412,235,439	1.72	9.38	25.94	10.66	-	No	Not Applicable	0.27	0.04	0.27	38,46,171	7	100.00	20-Nov-17
BetaShares Australian Sustnby Ldrs ETF	FAIR	1,211,643,390	3.28	13.80	23.20	10.57	-	No	Not Applicable	0.39	0.11	0.01	68,79,059	88	37.41	27-Nov-17
iShares Global Healthcare ETF (AU)	IXJ	1,013,914,508	4.69	15.19	16.87	11.48	13.57	No	Not Applicable	0.46	0.09	0.31	7,77,365	128	35.67	11-Mar-09
iShares MSCI Emerging Markets ETF (AU)	IEM	1,011,287,845	-5.06	-0.02	14.80	7.36	9.47	No	Not Applicable	0.68	0.14	-0.42	23,85,346	1273	24.02	07-Apr-03
iShares Europe ETF (AU)	IEU	883,071,694	1.62	10.86	25.98	7.24	9.55	No	Not Applicable	0.59	0.08	0.46	24,71,823	375	19.52	10-Oct-07
Magellan Infrastructure Ccy Hdg ETF	MICH	839,460,557	-1.40	1.36	7.27	4.38	5.74	No	Not Applicable	1.05	0.38	0.24	2,27,40,668	-	-	18-Jul-16
Activex Ardea Real Outcome Bond ETF	XARO	839,311,416	-0.77	-1.03	0.38	-	-	No	Not Applicable	0.50	0.10	0.30	49,91,666	350	54.18	06-Dec-18
iShares Asia 50 ETF (AU)	IAA	803,712,717	-11.32	-10.17	9.18	9.61	12.74	No	Not Applicable	0.50	0.20	-0.53	15,11,590	61	62.22	13-Nov-07
SPDR® S&P/ASX 50 ETF	SFY	760,376,637	1.10	9.28	29.95	9.11	9.76	No	Not Applicable	0.29	0.05	-0.02	6,58,419	56	56.83	24-Aug-01
BetaShares Aus Bank Sr Fltng Rt Bd ETF	QPON	698,702,255	-0.02	0.09	0.80	2.10	-	No	Not Applicable	0.19	0.06	0.06	33,07,946	14	99.79	01-Jun-17

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BetaShares Global Cybersecurity ETF	HACK	660,775,611	8.47	23.32	39.24	20.35	21.56	No	Not Applicable	0.57	0.13	0.67	98,47,078	36	45.40	30-Aug-16
Vanguard FTSE Emerging Markets Shrs ETF	VEE	660,530,693	-3.61	2.39	16.49	8.89	9.03	No	Not Applicable	0.48	0.15	-0.25	9,85,077	-	-	18-Nov-13
Vanguard Australian Corp Fxd Intr ETF	VACF	655,946,751	0.24	1.19	1.03	4.23	3.69	No	Not Applicable	0.26	0.07	0.12	17,85,694	-	-	23-May-16
BetaShares Asia Technology Tigers ETF	ASIA	654,504,279	-15.42	-13.50	3.95	19.37	-	No	Not Applicable	0.57	0.18	-1.04	2,34,33,893	50	71.12	18-Sep-18
SPDR® S&P/ASX 200 Listed Property ETF	SLF	649,807,619	4.13	14.85	29.26	8.28	6.79	No	Not Applicable	0.40	0.13	-0.12	35,61,846	24	84.68	15-Feb-02
Vanguard MSCI Australian Small Coms ETF	VSO	642,013,192	4.14	13.03	31.58	12.24	11.90	No	Not Applicable	0.30	0.12	-0.13	9,91,754	192	17.16	23-May-11
Vanguard Intl Fxd Intr (Hdg) ETF	VIF	630,589,484	-0.14	0.47	-2.33	3.51	2.15	No	Not Applicable	0.20	0.09	0.16	20,46,343	1106	6.34	04-Dec-15
VanEck Australian Property ETF	MVA	585,264,192	4.74	14.33	29.42	9.40	8.31	No	Not Applicable	0.35	0.10	0.07	24,99,426	16	86.27	14-Oct-13
iShares S&P 500 AUD Hedged ETF	IHVV	576,009,302	0.35	8.63	28.54	12.95	14.98	No	Not Applicable	0.10	0.05	0.66	2,82,818	510	27.82	15-Dec-14
Vanguard Diversified Balanced ETF	VDBA	551,693,728	0.96	5.64	12.99	7.78	-	No	Not Applicable	0.27	0.07	0.20	16,13,459	7	100.00	20-Nov-17
Vanguard Diversified Growth ETF	VDGR	543,080,434	1.35	7.50	19.27	9.24	-	No	Not Applicable	0.27	0.07	0.26	12,56,082	7	100.00	20-Nov-17
Vanguard Australian Government Bond ETF	VGB	536,599,260	0.29	1.88	-2.16	4.09	2.81	No	Not Applicable	0.20	0.06	-0.06	14,47,254	146	32.91	24-Apr-12
BetaShares Aus Inv Grd Corp Bd ETF	CRED	519,201,640	0.33	2.87	1.80	6.78	-	Yes	Fixed Income	0.22	0.12	0.21	30,08,252	51	32.31	31-May-18
VanEck FTSE Gbl Infrs(Hdg)ETF	IFRA	499,739,492	1.51	3.91	14.37	6.38	6.56	No	Not Applicable	0.52	0.27	1.06	35,16,951	148	37.02	29-Apr-16
SPDR® Dow Jones Global Real Estate ETF	DJRE	492,171,137	3.73	15.63	31.96	5.59	4.74	No	Not Applicable	0.50	0.10	0.52	22,94,191	277	25.80	01-Nov-13
Vanguard Global Aggregate Bd Hdg ETF	VBND	455,132,125	-0.10	0.94	-1.19	4.04	-	No	Not Applicable	0.20	0.08	0.23	11,60,302	10249	3.50	10-Oct-17
iShares MSCI Japan ETF (AU)	IJP	441,659,047	8.10	8.79	19.14	6.75	9.94	No	Not Applicable	0.49	0.11	0.56	5,69,630	276	22.24	12-Mar-96
iShares MSCI EAFE ETF (AU)	IVE	437,557,438	2.78	9.69	24.04	7.07	9.67	No	Not Applicable	0.32	0.15	0.43	3,57,063	866	12.52	14-Aug-01
iShares S&P/ASX 20 ETF	ILC	431,456,555	-0.48	8.69	32.95	9.79	10.11	No	Not Applicable	0.24	0.12	0.06	13,62,240	23	75.25	06-Dec-10
iShares Core Cash ETF	BILL	426,712,150	0.00	0.00	0.03	0.79	-	No	Not Applicable	0.07	0.01	0.00	11,25,666	36	4.03	02-Jun-17
Vanguard Etlcly Cons Intl Shrs ETF	VESG	425,141,226	4.08	14.25	26.84	15.22	-	No	Not Applicable	0.18	0.08	0.44	13,12,522	-	-	11-Sep-18
iShares S&P Small-Cap ETF	IJR	421,024,583	0.83	6.69	55.80	9.16	14.68	No	Not Applicable	0.07	0.14	0.79	4,69,646	604	5.92	10-Oct-07
VanEck Gold Miners ETF	GDX	400,402,226	-9.80	-4.14	-25.16	17.39	3.94	No	Not Applicable	0.53	0.17	-0.64	14,49,317	60	62.21	24-Jun-15
BetaShares FTSE 100 ETF	F100	400,253,421	3.30	10.79	28.87	-	-	No	Not Applicable	0.38	0.17	0.99	64,99,303	101	41.37	12-Jul-19
ETFS Battery Tech and Lithium ETF	ACDC	400,074,043	3.12	10.75	64.84	26.65	-	No	Not Applicable	0.69	0.09	0.48	16,52,980	33	38.42	30-Aug-18
Vanguard FTSE Asia ex Japan Shrs ETF	VAE	388,960,087	-5.30	-0.50	14.56	9.12	10.90	No	Not Applicable	0.40	0.15	-0.54	9,54,206	1468	27.79	09-Dec-15
BetaShares FTSE RAFI Australia 200 ETF	QOZ	373,569,778	2.05	8.80	38.02	8.54	9.85	Yes	Fundamentals	0.30	0.13	-0.05	29,37,870	200	48.61	10-Jul-13
VanEck MSCI Wld ex AUS Qul H ETF	QHAL	372,612,102	0.56	11.27	25.42	-	-	Yes	Quality	0.43	0.20	0.61	13,65,060	2	100.81	21-Mar-19
VanEck Morningstar Wide Moat ETF	MOAT	370,737,654	2.86	11.69	34.76	17.80	19.43	Yes	Quality	0.49	0.09	0.64	5,50,393	51	26.36	24-Jun-15
BetaShares Gbl Energy Coms ETF-Ccy Hdg	FUEL	365,757,155	0.92	9.45	56.15	-9.24	-1.06	No	Not Applicable	0.57	0.34	1.09	2,04,91,777	42	53.32	16-Jun-16
Platinum International ETF	PIXX	364,560,866	-0.62	1.00	24.79	7.03	-	No	Not Applicable	1.10	0.47	-0.26	46,64,143	-	-	12-Sep-17
MFG Core Infrastructure ETF	MCSI	360,079,383	1.94	4.97	12.00	8.84	7.06	No	Not Applicable	0.50	-	0.65	6,40,967	-	-	16-Dec-09
ETFS Morningstar Global Technology ETF	TECH	349,592,831	4.70	10.40	32.51	23.61	-	Yes	Quality	0.45	0.10	0.40	5,66,834	35	41.74	07-Apr-17
SPDR® S&P Global Dividend ETF	WDIV	345,629,048	1.56	7.64	29.32	3.69	6.25	Yes	Dividend	0.50	0.13	0.00	19,92,209	113	17.85	01-Nov-13

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BetaShares Geared Australian Equity ETF	GEAR	338,250,441	3.30	21.56	73.21	11.04	14.75	No	Not Applicable	0.74	0.08	-0.05	1,12,56,382	200	44.30	29-Apr-14
BetaShares Aus Top 20 Eq Yld Mxmsr ETF	YMAX	325,784,463	-0.52	6.49	23.99	5.49	6.42	No	Not Applicable	0.59	0.21	0.08	41,96,019	20	77.65	22-Nov-12
Magellan Global Equities Currency H ETF	MHG	318,872,722	-4.77	1.30	6.71	8.39	11.76	No	Not Applicable	1.35	0.29	-0.03	1,24,38,486	-	-	04-Aug-15
WCM Quality Gbl Gr ETF (Quoted Mgd)	WCMQ	314,805,364	1.00	12.22	20.81	19.66	-	No	Not Applicable	1.25	0.39	0.59	80,77,259	-	-	31-Aug-18
VanEck Australian Fltng Rt ETF	FLOT	296,746,648	0.05	0.20	0.77	1.65	-	No	Not Applicable	0.22	0.06	0.10	17,91,034	177	19.48	06-Jul-17
iShares Government Inflation ETF	ILB	290,129,019	-0.52	2.76	0.33	5.12	3.51	No	Not Applicable	0.18	0.17	0.18	3,63,091	16	89.15	12-Mar-12
BetaShares Gold Bullion ETF Ccy Hedged	QAU	287,996,209	-1.93	1.82	-9.35	11.13	3.63	No	Not Applicable	0.49	0.10	0.03	55,59,751	1	100.00	05-May-11
iShares Core Global Corp Bd AUDH ETF	IHCB	285,826,969	-0.28	1.76	-0.03	4.80	3.25	No	Not Applicable	0.26	0.18	0.26	4,35,014	10686	1.47	04-Dec-15
Russell Inv Australian Select CorpBd ETF	RCB	281,410,399	0.23	0.19	0.11	4.05	3.46	No	Not Applicable	0.28	0.18	0.13	12,97,158	11	91.41	08-Mar-12
Russell Inv Australian Rspnb Inv ETF	RARI	280,650,733	2.59	12.32	35.82	7.70	8.38	Yes	Dividend	0.45	0.17	0.19	35,11,252	101	44.82	01-Apr-15
Vanguard FTSE Europe Shares ETF	VEQ	280,604,441	1.82	11.24	26.73	7.71	9.87	No	Not Applicable	0.35	0.13	0.64	10,07,576	-	-	09-Dec-15
iShares S&P/ASX Dividend Opps ETF	IHD	279,673,584	-3.74	4.65	20.96	5.02	5.63	Yes	Dividend	0.30	0.16	0.03	19,00,378	52	62.90	06-Dec-10
SPDR® S&P World ex Australia ETF	WXOZ	276,108,858	3.70	13.11	27.30	13.08	14.99	No	Not Applicable	0.30	0.14	0.58	1,09,483	1607	17.75	18-Mar-13
BetaShares Australian Eqs Strong BrH ETF	BBOZ	273,816,208	-3.48	-21.31	-49.65	-30.93	-27.06	No	Not Applicable	1.19	0.25	-0.10	13,64,91,970	2	0.00	17-Apr-15
Russell Inv High Dividend Aus Shrs ETF	RDV	267,889,860	0.94	8.44	36.20	6.14	6.70	Yes	Dividend	0.34	0.13	0.00	6,99,118	52	47.41	14-May-10
VanEck Australian Corp Bd+ ETF	PLUS	263,794,624	0.26	1.65	1.82	5.25	-	Yes	Fixed Income	0.32	0.18	0.09	16,69,328	132	17.28	09-May-17
BetaShares Aus Ex-20 Port Divrs ETF	EX20	260,377,508	4.77	12.44	28.44	8.95	-	No	Not Applicable	0.20	0.15	0.25	16,12,805	181	21.24	05-Oct-16
Vanguard Global Value Equity Active ETF	VVLU	260,017,692	3.09	10.36	55.46	6.37	-	No	Not Applicable	0.28	0.13	0.67	11,22,994	-	-	13-Apr-18
iShares Enhanced Cash ETF	ISEC	259,054,881	0.02	0.06	0.20	0.97	-	No	Not Applicable	0.12	0.01	-0.01	5,58,580	69	5.69	02-Jun-17
ETFS ROBO Gbl Robotics and Atmtn ETF	ROBO	258,419,614	3.04	7.50	33.85	15.93	-	No	Not Applicable	0.69	0.14	0.20	4,18,076	85	16.90	13-Sep-17
SPDR® MSCI Australia Sel Hi Div Yld ETF	SYI	249,236,738	-2.83	4.03	26.68	5.56	6.58	Yes	Dividend	0.35	0.11	0.01	7,80,694	42	59.72	28-Sep-10
BetaShares Crude Oil ETF Ccy Hgd(Synth)	OOO	238,912,240	2.84	27.24	82.01	-27.66	-12.08	No	Not Applicable	0.69	0.20	-0.30	1,59,12,331	2	96.51	11-Nov-11
iShares Core MSCI WldexAusESGLdrsAUHDEF	IHWL	238,420,351	1.99	10.71	34.30	11.63	13.44	No	Not Applicable	0.12	0.20	0.39	18,88,708	764	28.19	22-Apr-16
ETFS FANG+ ETF	FANG	236,706,479	0.04	13.85	28.22	-	-	No	Not Applicable	0.35	0.15	-0.27	57,80,548	11	99.91	27-Feb-20
iShares Edge MSCI World Minimum Vol ETF	VVOL	232,004,491	3.15	10.39	14.48	8.09	-	Yes	Risk-Oriented	0.30	0.22	0.48	21,41,959	396	10.22	11-Oct-16
Vanguard Diversified Conservative ETF	VDCO	231,901,958	0.55	3.68	7.16	6.02	-	No	Not Applicable	0.27	0.08	0.19	7,88,020	8	100.00	20-Nov-17
Fidelity Global Emerging Markets ETF	FEMX	223,529,613	0.42	6.84	26.03	-	-	No	Not Applicable	0.99	0.38	-0.40	1,56,73,348	42	42.34	28-Oct-18
Vanguard Ethically Cnscs Aust Shrs ETF	VETH	219,043,902	2.68	11.83	-	-	-	No	Not Applicable	0.16	0.10	0.09	9,76,794	251	49.56	12-Oct-20
VanEck Australian Sbdntd Dbt ETF	SUBD	216,937,552	0.35	1.07	3.49	-	-	No	Not Applicable	0.29	0.07	0.14	8,74,159	17	79.14	28-Oct-19
BetaShares S&P/ASX Australian Tech ETF	ATEC	213,728,354	4.62	17.28	30.37	-	-	No	Not Applicable	0.38	0.16	0.16	12,78,896	81	71.94	04-Mar-20
iShares S&P Mid-Cap ETF	IJH	212,243,378	2.05	7.14	42.23	10.78	14.03	No	Not Applicable	0.07	0.12	0.66	73,698	404	6.25	10-Oct-07
Vanguard Intl Credit Secs (Hdg) ETF	VCF	209,734,586	-0.11	1.75	0.34	4.70	3.25	No	Not Applicable	0.30	0.14	0.26	6,25,202	5234	1.73	04-Dec-15
ETFS Physical Silver ETC	ETPMAG	206,195,252	-13.28	-5.67	-10.42	14.09	2.83	No	Not Applicable	0.49	0.11	0.21	16,40,465	1	100.00	19-Dec-08
BetaShares Gbl Rbtcl & Artfcl Intlgc ETF	RBTZ	202,807,100	9.36	17.71	31.46	18.05	-	No	Not Applicable	0.47	0.18	0.40	19,77,021	36	75.45	12-Sep-18

ETF Name	Ticker	Net Assets (AUD)	3 Mo %	6 Mo %	1 Yr %	3 Yr % pa	5 Yr % pa	Strategic Beta	Strategic Beta Attributes	Fee %	Bid/Ask % ¹	Avg Prem/Disc ²	Traded Volume ³	# Holdings	% in Top 10	Launch Date
iShares Core MSCI Wld Ex Aus ESG LdrsETF	IWLD	202,194,543	5.45	16.44	34.03	13.58	15.31	No	Not Applicable	0.09	0.13	0.49	11,16,325	726	28.39	22-Apr-16
BetaShares US Eqs Strong Bear H CcyH ETF	BBUS	197,280,870	-2.53	-20.53	-48.82	-37.28	-35.85	No	Not Applicable	1.19	0.30	-1.47	2,96,28,731	2	0.00	24-Aug-15
BetaShares Global Quality Leaders ETF	QLTY	197,063,954	4.26	16.69	23.63	-	-	Yes	Quality	0.29	0.12	0.44	11,52,503	149	20.80	04-Nov-18
BetaShares Legg Mason Australian Bd ETF	BNDS	193,478,346	0.24	1.81	-1.29	-	-	No	Not Applicable	0.42	0.12	0.18	8,74,824	-	-	07-Nov-18
BetaShares S&P 500 Equal Weight ETF	QUS	180,689,341	3.56	12.15	38.28	11.31	13.75	Yes	Other	0.30	0.10	0.98	7,64,312	506	5.16	17-Dec-14
iShares China Large-Cap ETF (AU)	IZZ	177,300,154	-12.67	-11.78	-6.60	-1.27	4.22	No	Not Applicable	0.74	0.22	-1.22	16,50,172	55	57.99	05-Oct-04
VanEck Australian Banks ETF	MVB	177,174,080	3.97	10.73	62.49	8.49	8.74	No	Not Applicable	0.28	0.06	-0.06	30,46,861	8	99.99	14-Oct-13
VanEck S&P/ASX MidCap ETF	MVE	176,447,264	3.81	14.20	33.38	11.80	12.61	No	Not Applicable	0.45	0.11	0.07	9,88,546	51	30.80	14-Oct-13
BetaShares Australian Government Bd ETF	AGVT	173,593,868	0.28	2.49	-2.93	-	-	No	Not Applicable	0.19	0.11	-0.04	4,54,284	52	62.12	05-Jul-19
BetaShares Australian Div Harvester ETF	HVST	173,486,137	0.04	6.30	18.26	3.99	1.37	No	Not Applicable	0.65	0.12	0.08	26,99,675	6	100.00	29-Oct-14
iShares Edge MSCI World Multifactor ETF	WDMF	172,321,089	1.42	8.86	26.06	8.62	-	Yes	Multi-Factor	0.35	0.21	1.38	6,23,048	362	19.34	11-Oct-16
Vanguard Global Infrastructure ETF	VBLD	168,027,673	2.49	6.63	12.39	-	-	No	Not Applicable	0.47	0.12	0.46	7,84,308	139	39.21	19-Oct-18
BetaShares Sstby Ldrs Dvrs Bd ETF Ccy Hd	GBND	166,710,547	0.04	0.41	-1.81	-	-	No	Not Applicable	0.39	0.24	0.44	5,39,350	390	16.11	26-Nov-19
Vanguard MSCI International SC ETF	VISM	156,592,150	2.31	8.86	39.20	-	-	No	Not Applicable	0.32	0.10	0.41	7,48,965	4273	1.89	09-Nov-18
Munro Global Growth ETF	MAET	153,753,720	3.48	7.74	-	-	-	No	Not Applicable	1.35	0.34	0.65	1,53,79,634	-	-	02-Nov-20
VanEck China New Economy ETF	CNEW	152,006,338	-5.28	7.56	0.58	-	-	Yes	Multi-Factor	0.95	1.445386	-0.70987	3559130	122	13.21	08-Nov-18
BetaShares US Dollar ETF	USD	149,274,151	3.84	5.25	-1.06	0.75	1.71	No	Not Applicable	0.45	0.15	-0.15	21,64,634	-	-	31-Jan-11
iShares S&P/ASX Small Ordinaries ETF	ISO	147,977,255	3.25	11.84	29.76	8.85	9.58	No	Not Applicable	0.55	0.31	0.22	31,55,309	208	13.44	06-Dec-10
Vanguard MSCI Australian Large Coms ETF	VLC	145,438,167	0.00	8.65	32.51	10.18	10.00	No	Not Applicable	0.20	0.09	0.01	2,98,061	22	75.32	23-May-11
Platinum Asia ETF	PAXX	143,336,405	-4.94	-5.78	7.14	11.47	-	No	Not Applicable	1.10	0.54	-0.96	39,55,598	-	-	12-Sep-17
BetaShares Global Sstnby Ldrs ETF Ccy H	HETH	142,822,488	0.06	9.39	28.95	-	-	No	Not Applicable	0.52	0.13	0.85	26,01,667	201	33.03	20-Jul-20
BetaShares Glb Healthcare ETF-Ccy Hd	DRUG	141,305,438	1.49	10.48	17.98	9.38	11.37	No	Not Applicable	0.57	0.20	0.64	46,99,814	60	43.48	04-Aug-16
BetaShares Climate Change Innovation ETF	ERTH	139,872,562	-4.76	3.84	-	-	-	No	Not Applicable	0.47	0.22	0.19	29,68,398	100	40.30	11-Mar-21
iShares Global Consumer Staples ETF (AU)	IXI	137,760,212	1.94	9.87	9.67	8.36	7.35	No	Not Applicable	0.46	0.14	0.45	2,12,034	106	49.44	11-Mar-09
SPDR® S&P World ex Australia(Hedged) ETF	WXHG	136,383,461	0.37	7.65	27.79	11.25	13.15	No	Not Applicable	0.35	0.17	0.71	2,49,473	-	-	08-Jul-13
VanEck Australian Resources ETF	MVR	135,228,365	-3.44	1.48	14.96	7.15	13.28	No	Not Applicable	0.35	0.12	-0.16	5,20,938	29	59.46	14-Oct-13
iShares Global High Yield Bond AUDH ETF	IHHY	134,808,613	0.51	2.32	6.86	3.60	4.29	No	Not Applicable	0.56	0.22	0.09	3,07,316	2039	4.23	04-Dec-15
SPDR® S&P/ASX 200 Fincls EX A-REIT ETF	OZF	134,240,262	4.82	13.92	56.48	7.57	7.38	No	Not Applicable	0.40	0.09	0.03	20,92,876	31	88.91	13-Apr-11
iShares Global 100 AUD Hedged ETF	IHOO	132,966,659	0.80	9.05	27.56	13.38	15.15	No	Not Applicable	0.43	0.18	0.80	1,62,183	122	51.14	15-Dec-14
BetaShares S&P 500 Yield Maximiser ETF	UMAX	121,944,171	4.34	10.73	23.75	7.24	10.76	No	Not Applicable	0.59	0.22	0.69	4,94,776	1	100.00	17-Sep-14
SPDR® S&P/ASX 200 Resources ETF	OZR	112,377,840	-9.30	-2.96	17.23	7.35	13.47	No	Not Applicable	0.40	0.13	0.26	25,31,542	38	72.66	13-Apr-11
VanEck FTSE Intl Prop Hdg ETF	REIT	110,228,447	-0.04	9.90	30.21	-	-	No	Not Applicable	0.43	0.23	0.75	9,20,663	341	27.27	21-Mar-19
VanEck Emerging Income Opps Actv ETF	EBND	110,144,348	-0.61	4.27	4.36	-	-	No	Not Applicable	0.95	0.34	0.58	42,31,034	157	21.04	11-Feb-20
SelfWealth SMSF Leaders ETF	SELF	109,208,462	2.08	8.08	24.33	-	-	Yes	Other	0.88	0.19	0.21	5,868	39	30.46	08-Nov-19

ETF Name	Ticker	Net Assets (AUD)	3 Mo %	6 Mo %	1 Yr %	3 Yr % pa	5 Yr % pa	Strategic Beta	Strategic Beta Attributes	Fee %	Bid/Ask % ¹	Avg Prem/Disc ²	Traded Volume ³	# Holdings	% in Top 10	Launch Date
VanEck Video Gaming & eSpts ETF	ESPO	106,695,223	-6.66	1.24	5.92	-	-	No	Not Applicable	0.55	0.17	-0.50	25,43,755	30	61.06	08-Sep-20
VanEck MSCI Intl Sust Eq ETF	ESGI	105,107,878	3.72	11.85	22.73	11.29	-	No	Not Applicable	0.55	0.14	0.63	6,54,026	147	31.88	06-Mar-18
BetaShares NASDAQ 100 ETF Ccy H	HNDQ	104,572,073	0.90	12.17	27.71	-	-	No	Not Applicable	0.41	0.09	0.40	9,84,599	102	53.40	20-Jul-20
BetaShares Legg Mason Em Mkts ETF	EMMG	100,277,247	-4.60	0.81	16.43	-	-	No	Not Applicable	1.00	0.50	-0.65	48,62,662	-	-	29-May-19
BetaShares Diversified High Growth ETF	DHHF	96,309,709	2.26	10.74	28.26	-	-	No	Not Applicable	0.26	0.14	0.30	9,12,957	4	100.00	03-Dec-19
BetaShares Australian Res Sect ETF	QRE	93,825,111	-9.27	-2.11	19.11	7.96	13.91	No	Not Applicable	0.34	0.21	0.17	39,71,350	36	76.09	10-Dec-10
SPDR® S&P 500 ETF	SPY	91,807,974	4.46	14.92	28.58	15.80	18.04	No	Not Applicable	0.09	0.14	0.53	32,397	-	-	22-Jan-93
BetaShares Geared US Eq Ccy Hdg ETF	GGUS	91,786,993	0.16	18.13	71.44	21.92	27.55	No	Not Applicable	0.74	0.06	1.44	18,57,629	1	100.00	17-Aug-15
ETFS S&P/ASX 300 High Yield Plus ETF	ZYAU	90,915,414	-0.26	10.06	15.53	1.17	4.83	Yes	Other	0.35	0.18	0.00	12,39,319	41	51.45	10-Jun-15
BetaShares Glb Banks ETF-Ccy Hdg	BNKS	89,658,839	2.49	7.19	56.57	1.53	7.63	No	Not Applicable	0.57	0.25	1.01	31,43,276	60	47.84	28-Jul-16
VanEck MSCI AUS Sust Eq ETF	GRNV	84,605,402	2.09	11.93	24.53	10.18	8.22	No	Not Applicable	0.35	0.12	0.11	9,46,996	97	39.14	29-Apr-16
BetaShares Japan ETF-Ccy Hdg	HJPN	84,300,546	4.44	7.16	33.08	7.72	12.17	No	Not Applicable	0.51	0.19	0.30	8,96,977	130	38.48	10-May-16
Montaka Global Long Only Equities ETF	MOGL	84,246,561	5.05	18.04	20.85	7.00	-	No	Not Applicable	1.32	0.67	0.40	13,24,699	25	66.08	19-Dec-17
VanEck Global Clean Energy ETF	CLNE	82,890,510	-7.35	-7.01	-	-	-	No	Not Applicable	0.65	0.31	0.25	27,68,810	34	48.09	08-Mar-21
Vanguard Etlcly Cons Gbl Aggt Bd H ETF	VEFI	81,887,288	-0.11	0.80	-1.44	3.91	-	No	Not Applicable	0.26	0.14	0.32	4,26,611	-	-	11-Sep-18
iShares Treasury ETF	IGB	81,880,459	0.33	2.17	-2.42	4.07	1.81	No	Not Applicable	0.18	0.05	-0.01	5,53,226	30	46.07	12-Mar-12
iShares MSCI South Korea ETF (AU)	IKO	79,490,815	-10.03	-5.19	23.29	7.08	9.85	No	Not Applicable	0.59	0.19	0.08	3,30,889	113	51.43	09-May-00
Switzer Dividend Growth ETF	SWTZ	78,298,274	3.31	10.63	30.67	6.99	-	No	Not Applicable	0.89	0.62	-0.33	27,98,236	-	-	23-Feb-17
Janus Henderson Tactical Income Actv ETF	TACT	77,250,546	0.23	0.67	1.28	-	-	No	Not Applicable	0.45	-	0.07	4,73,685	-	-	29-Jul-20
Intelligent Investor AUS Eq Inc ETF	INIF	76,545,977	8.73	14.07	43.69	9.81	-	No	Not Applicable	0.97	0.58	-	22,53,469	-	-	18-Jun-18
Russell Inv Australian Government Bd ETF	RGB	75,971,473	0.53	2.46	-2.04	4.99	3.08	No	Not Applicable	0.24	0.15	0.16	4,10,804	10	100.08	13-Mar-12
Intelligent Investor Aust Eq Gr ETF	IIGF	75,011,999	12.73	18.12	-	-	-	No	Not Applicable	0.97	0.57	0.34	15,32,103	28	50.68	05-Oct-20
ETFS EURO STOXX 50® ETF	ESTX	73,624,585	1.43	8.87	26.14	8.26	10.62	No	Not Applicable	0.35	0.14	0.62	3,53,626	51	40.89	19-Jul-16
ETFS S&P 500 High Yield Low Volatil ETF	ZYUS	69,458,786	1.38	5.68	32.35	4.91	6.69	Yes	Dividend	0.35	0.19	0.47	5,76,443	51	28.04	10-Jun-15
VanEck Vectors Mrngstr Aust Mt Inc ETF	DVDY	68,893,273	2.95	14.46	26.16	-	-	Yes	Dividend	0.35	0.13	0.07	6,21,845	26	58.15	07-Sep-20
VanEck MSCI Intl Val ETF	VLUE	68,680,790	3.39	7.29	-	-	-	Yes	Value	0.40	0.21	0.70	13,18,277	256	21.14	08-Mar-21
BetaShares Australian Small Coms Sel ETF	SMLL	67,587,793	0.68	9.41	27.33	10.90	-	No	Not Applicable	0.30	0.44	-0.07	30,33,807	61	34.65	07-Apr-17
VanEck Global Hlthcr Ldrs ETF	HLTH	65,366,937	7.84	19.32	18.35	-	-	Yes	Other	0.45	0.15	0.27	11,11,013	56	21.30	08-Sep-20
BetaShares India Quality ETF	IIND	64,754,088	13.03	19.60	35.78	-	-	Yes	Quality	0.72	0.39	0.25	20,79,847	30	51.92	02-Aug-19
Intelligent Investor Ethical Share ETF	INES	62,723,075	10.12	16.53	31.06	-	-	No	Not Applicable	0.97	0.48	0.23	13,28,301	-	-	12-Jun-19
VanEck MSCI Mltfac EmMkts Eq ETF	EMKT	62,521,777	-0.25	6.37	20.42	8.62	-	Yes	Multi-Factor	0.69	0.22	-0.86	5,91,640	229	27.93	10-Apr-18
Russell Inv Australian Semi-Govt Bd ETF	RSM	62,141,229	0.39	0.32	-0.21	3.69	2.78	No	Not Applicable	0.26	0.19	0.09	4,14,353	10	100.12	13-Mar-12
BetaShares Cloud Computing ETF	CLDD	61,370,707	6.55	19.89	-	-	-	No	Not Applicable	0.47	0.13	0.04	15,25,260	34	46.53	22-Feb-21
BetaShares Legg Mason Real Income ETF	RINC	60,954,657	8.11	14.35	24.94	7.42	-	No	Not Applicable	0.85	0.40	0.19	11,92,052	-	-	13-Feb-18

ETF Name	Ticker	Net Assets (AUD)	3 Mo %	6 Mo %	1 Yr %	3 Yr % pa	5 Yr % pa	Strategic Beta	Strategic Beta Attributes	Fee %	Bid/Ask % ¹	Avg Prem/Disc ²	Traded Volume ³	# Holdings	% in Top 10	Launch Date
ETFS S&P Biotech ETF	CURE	60,530,337	-3.58	-2.34	11.74	-	-	No	Not Applicable	0.45	0.26	0.00	2,69,111	188	8.66	08-Nov-18
Schroder Absolute Return Income ETF	PAYS	59,791,441	0.09	0.81	2.28	-	-	No	Not Applicable	0.54	-	0.31	25,44,424	6	100.72	19-Nov-19
BetaShares Aus Equities Bear Hedge ETF	BEAR	59,118,143	-2.01	-10.11	-25.08	-12.12	-10.85	No	Not Applicable	1.19	0.17	-0.01	36,95,878	3	59.39	06-Jul-12
Schroder Real Return (Managed Fund)	GROW	58,079,253	0.46	2.94	9.65	4.77	4.71	No	Not Applicable	0.75	0.53	0.21	28,26,947	137	45.02	09-Aug-16
VanEck Vectors Small Coms Masters ETF	MVS	57,037,304	3.47	12.96	24.16	7.49	8.02	Yes	Dividend	0.49	0.19	-0.02	10,81,265	78	24.50	26-May-15
BetaShares Australian Fincls Sect ETF	QFN	55,012,301	4.87	13.86	56.82	7.61	7.38	No	Not Applicable	0.34	0.14	-0.01	27,31,835	32	91.04	10-Dec-10
Betashares Aust Mjr Bnk Hyb Idx ETF	BHYB	52,386,580	0.59	-	-	-	-	No	Not Applicable	0.35	0.15	0.16	30,70,585	15	77.21	21-Apr-21
BetaShares Glb Gold Miners ETF-Ccy Hdg	MNRS	48,667,497	-11.12	-9.19	-22.62	23.76	4.28	No	Not Applicable	0.57	0.39	-0.44	16,56,205	60	56.34	27-Jul-16
iShares Core MSCI Australia ESG Ldrs ETF	IESG	48,550,154	1.77	-	-	-	-	No	Not Applicable	0.09	0.16	0.06	18,94,758	116	51.25	02-Jun-21
BetaShares Glb Agltr Coms ETF-Ccy Hdg	FOOD	48,510,093	-0.42	1.48	31.39	7.30	8.76	No	Not Applicable	0.57	0.27	0.90	15,01,804	58	54.84	02-Aug-16
BetaShares Europe ETF-Ccy Hdg	HEUR	48,024,656	0.59	7.13	30.54	9.01	9.89	No	Not Applicable	0.51	0.20	0.85	4,78,795	151	31.32	10-May-16
SPDR® S&P/ASX Australian Bond ETF	BOND	44,400,439	0.17	1.78	-2.07	4.12	2.89	No	Not Applicable	0.24	0.12	0.02	2,46,609	159	23.09	26-Jul-12
iShares Edge MSCI Australia Mltfctr ETF	AUMF	43,821,306	-1.47	8.69	22.96	7.57	-	Yes	Multi-Factor	0.30	0.22	0.21	79,631	104	34.35	11-Oct-16
iShares JP Morgan USD EmMkts Bd AUDH ETF	IHEB	43,767,804	-1.13	2.91	2.87	4.50	2.92	No	Not Applicable	0.51	0.35	0.14	94,131	583	5.91	04-Dec-15
Montaka Global Extension ETF	MKAX	43,057,988	4.99	17.45	13.69	-	-	No	Not Applicable	1.25	0.80	0.70	1,32,378	-	-	24-Jun-20
BetaShares Managed Risk Global Share ETF	WRLD	40,783,543	3.46	11.33	19.55	7.92	10.70	No	Not Applicable	0.39	0.31	0.57	3,16,551	5	100.00	16-Dec-15
Vanguard Global Multi-Factor Active ETF	VGMF	37,370,872	2.09	9.11	34.51	-	-	No	Not Applicable	0.33	0.23	0.96	1,79,902	-	-	08-Apr-19
SPDR® S&P/ASX 200 ESG ETF	E200	35,723,888	0.88	8.11	27.43	-	-	No	Not Applicable	0.13	0.20	0.10	3,98,062	107	52.94	31-Jul-20
ETFS Semiconductor ETF	SEMI	35,563,290	-	-	-	-	-	No	Not Applicable	0.57	-	1.22	27,50,344	30	69.75	27-Aug-21
SPDR® S&P/ASX Small Ordinaries ETF	SSO	30,764,496	3.27	11.87	29.97	9.24	9.90	No	Not Applicable	0.50	0.22	0.13	78,738	204	13.45	13-Apr-11
elInvest Future Impact Small Caps ETF	IMPQ	30,638,875	5.39	17.74	38.17	-	-	No	Not Applicable	0.99	0.43	-	22,74,250	50	34.18	17-Jun-19
SPDR® S&P/ASX Australian Govt Bd ETF	GOVT	30,228,241	0.20	1.99	-2.46	4.19	2.81	No	Not Applicable	0.22	0.14	0.12	84,152	105	28.40	27-Jul-12
BetaShares Legg Mason Equity Income ETF	EINC	30,155,871	3.22	8.44	30.48	6.68	-	No	Not Applicable	0.85	0.34	-0.02	7,04,234	-	-	13-Feb-18
elInvest Income Generator ETF	EIGA	29,947,180	-0.89	6.83	30.24	5.14	-	No	Not Applicable	0.80	0.62	-	10,15,353	32	59.54	07-May-18
iShares Edge MSCI Australia Mini Vol ETF	MVOL	29,855,526	2.32	10.97	22.75	7.26	-	Yes	Risk-Oriented	0.30	0.13	-0.22	2,42,836	107	38.98	11-Oct-16
BetaShares Global Quality Ldrs ETF Ccy H	HQLT	28,864,033	0.84	11.07	25.21	-	-	Yes	Quality	0.32	0.35	0.90	1,63,021	149	20.80	05-Jun-20
Monash Absolute Active ETF	MAAT	28,015,788	-	-	-	-	-	No	Not Applicable	2.26	0.86	-	66,77,149	-	-	31-May-21
Antipodes Global Shares ETF	AGX1	27,457,079	-	-	-	-	-	No	Not Applicable	1.10	0.75	-	2,69,822	66	30.14	05-Nov-18
SPDR® MSCI World Quality Mix ETF	QMIX	26,552,360	3.56	12.41	25.31	11.99	13.74	Yes	Multi-Factor	0.40	0.24	1.29	47,606	856	15.37	11-Sep-15
ETFS Reliance India Nifty 50 ETF	NDIA	25,802,110	14.87	22.03	47.21	-	-	No	Not Applicable	0.69	0.34	-0.13	98,282	52	57.99	21-Jun-19
ETFS Physical PM Basket ETC	ETPMPM	25,555,004	-10.50	-6.25	-11.32	14.31	8.00	No	Not Applicable	0.45	0.30	-0.03	21,219	4	100.00	19-Dec-08
VanEck FTSE China A50 ETF	CETF	25,160,041	-6.67	-2.33	7.33	10.84	7.84	No	Not Applicable	0.60	0.32	-0.02	2,26,542	204	37.10	24-Jun-15
VanEck MSCI Intl Sm Com Qual ETF	QSML	24,962,777	2.81	7.66	-	-	-	Yes	Quality	0.59	0.28	0.81	2,47,017	151	14.11	08-Mar-21
VanEck Mrngstr WldexAustWdMtETF	GOAT	22,157,390	3.29	12.30	23.19	-	-	Yes	Quality	0.55	0.16	0.69	2,44,260	76	21.13	08-Sep-20

ETF Name	Ticker	Net Assets (AUD)	3 Mo %	6 Mo %	1 Yr %	3 Yr % pa	5 Yr % pa	Strategic Beta	Strategic Beta Attributes	Fee %	Bid/Ask % ¹	Avg Prem/Disc ²	Traded Volume ³	# Holdings	% in Top 10	Launch Date
BetaShares Managed Risk AUS Shr ETF	AUST	21,741,443	1.23	7.69	18.84	5.34	6.46	No	Not Applicable	0.39	0.32	-0.25	1,45,089	201	44.29	09-Nov-15
ETFS Ultra Short Nasdaq 100 Hedge	SNAS	21,329,700	-4.05	-26.77	-51.25	-	-	No	Not Applicable	1.00	0.32	-0.73	65,22,519	3	-223.83	10-Jul-20
SPDR® S&P Emerging Markets ETF	WEMG	20,271,929	-3.26	2.94	16.57	8.55	10.25	No	Not Applicable	0.65	0.24	-0.86	1,69,907	873	21.39	11-Nov-13
iShares Core Corporate Bond ETF	ICOR	19,844,315	0.20	1.21	0.54	-	-	No	Not Applicable	0.15	0.12	0.13	56,137	112	15.89	27-May-20
BetaShares Global Income Leaders ETF	INCM	19,601,483	2.44	6.28	23.94	-	-	Yes	Dividend	0.39	0.25	0.79	1,45,725	100	21.12	19-Oct-18
Switzer Higher Yield ETF	SHYF	18,526,555	-	-	-	-	-	No	Not Applicable	0.70	-	-	2,63,193	-	-	18-Dec-20
BetaShares Ethical Divers High Gr ETF	DZZF	17,894,269	3.12	13.09	20.49	-	-	No	Not Applicable	0.26	0.17	0.47	2,20,547	3	100.00	10-Dec-19
eInvest Core Income ETF	ECOR	16,961,069	0.03	0.25	1.89	-	-	No	Not Applicable	0.45	-	-	1,58,984	-	-	22-Nov-19
MFG Core International ETF	MCSG	16,595,978	2.08	13.78	-	-	-	No	Not Applicable	0.50	-	0.59	2,74,269	-	-	10-Dec-20
VanEck Bentham Global Cap Secs Actv ETF	GCAP	16,046,597	-	-	-	-	-	No	Not Applicable	0.59	-	0.11	12,10,196	46	-39.33	03-Aug-21
K2 Australian Small Cap ETF	KSM	15,516,357	3.79	15.33	38.71	8.23	6.87	No	Not Applicable	1.31	1.09	0.45	9,07,267	-	-	15-Dec-15
Vanguard Global Minimum Volatil Act ETF	VMIN	14,960,049	-1.38	1.41	11.09	5.24	-	No	Not Applicable	0.28	0.23	0.30	1,52,058	-	-	13-Apr-18
MFG Core ESG ETF	MCSE	14,314,311	4.16	16.11	-	-	-	No	Not Applicable	0.50	-	-0.13	2,22,701	-	-	10-Dec-20
ETFS Physical Platinum ETC	ETPMP	13,747,152	-5.61	-14.31	7.56	5.26	-0.76	No	Not Applicable	0.49	0.39	0.68	28,078	1	100.00	19-Dec-08
BetaShares British Pound ETF	POU	13,492,817	1.33	2.81	3.02	1.02	1.73	No	Not Applicable	0.45	0.09	0.07	48,875	-	-	08-Jul-11
BetaShares Strong US Dollar Hedge ETF	YANK	12,658,714	7.80	10.84	-5.11	-4.26	-	No	Not Applicable	1.19	0.33	-0.33	6,53,750	-	-	28-Nov-16
BetaShares Ethical Diversified Gr ETF	DGGF	12,368,634	2.43	10.23	20.44	-	-	No	Not Applicable	0.26	0.22	0.36	2,34,218	3	100.00	05-Dec-19
ETFS Ultra Long Nasdaq 100 Hedge	LNAS	12,200,224	1.04	27.45	68.00	-	-	No	Not Applicable	1.00	0.14	0.76	10,52,569	2	245.66	10-Jul-20
BetaShares Strong Australian Dllr H ETF	AUDS	10,979,548	-9.32	-12.80	-1.97	-6.34	-	No	Not Applicable	1.19	0.36	0.22	6,16,088	-	-	28-Nov-16
ActiveX Kapstream Absolute Ret Inc ETF	XKAP	10,726,516	-	-	-	-	-	No	Not Applicable	0.55	-	-	17,227	-	-	15-Oct-19
BetaShares Euro ETF	EEU	10,061,192	1.26	3.38	-3.04	-0.87	1.08	No	Not Applicable	0.45	0.18	0.05	80,069	-	-	08-Jul-11
Apostle Dundas Global Equity Fund D ETF	ADEF	9,297,148	4.49	15.82	-	-	-	No	Not Applicable	0.90	0.40	0.50	4,08,934	-	-	22-Feb-21
BetaShares Ethical Diversified Bal ETF	DBBF	9,145,451	1.77	7.43	13.56	-	-	No	Not Applicable	0.26	0.24	0.42	76,278	3	100.00	09-Dec-19
Magellan Sustainable ETF	MSUF	8,897,710	2.28	10.99	-	-	-	No	Not Applicable	1.35	-	-0.06	2,21,260	-	-	10-Dec-20
iShares Yield Plus ETF	IYLD	7,089,925	-	-	-	-	-	No	Not Applicable	0.12	0.13	0.08	14,155	30	40.46	27-May-20
ETFS Physical Palladium ETC	ETPMPD	7,036,009	-27.18	-23.91	-19.70	19.65	22.15	No	Not Applicable	0.49	0.47	-0.33	8,896	1	100.00	19-Dec-08
BetaShares Global Gov Bd 20 + Yr ETF Ccy H	GGOV	3,549,095	-0.36	1.81	-7.59	-	-	No	Not Applicable	0.19	0.46	0.76	16,681	103	18.10	07-May-20
eInvest Income Maximiser ETF	EMAX	2,407,825	0.47	-1.58	1.53	-	-	No	Not Applicable	0.65	-	-	5,019	-	-	22-Nov-19
Janus Henderson Global Sust Eq Actv ETF	FUTR	291,689	-	-	-	-	-	No	Not Applicable	0.80	-	-	4,901	-	-	20-Sep-21
AB Managed Volatility Equities ETF MVE	AMVE	-	-	-	-	-	-	No	Not Applicable	0.55	-	-	1,05,193	70	38.00	31-Mar-14
Airlie Australian Share ETF	AASF	-	4.71	16.56	35.89	10.63	-	No	Not Applicable	0.78	0.48	0.18	77,60,430	-	-	31-May-18
Coolabah Active Composite Bond Fund ETF	FIXD	-	-	-	-	-	-	No	Not Applicable	0.10	-	-0.08	4,00,757	-	-	07-Mar-17
ETFS Fintech & Blockchain ETF	FTEC	-	-	-	-	-	-	No	Not Applicable	0.69	-	-	-	-	-	13-Oct-21
ETFS Hydrogen ETF	HGEN	-	-	-	-	-	-	No	Not Applicable	0.69	-	-	-	-	-	06-Oct-21

ETF Name	Ticker	Net Assets (AUD)	3 Mo %	6 Mo %	1 Yr %	3 Yr % pa	5 Yr % pa	Strategic Beta	Strategic Beta Attributes	Fee %	Bid/Ask % ¹	Avg Prem/Disc ²	Traded Volume ³	# Holdings	% in Top 10	Launch Date
Hyperion Global Growth Companies ETF	HYGG	-	2.15	15.18	26.65	25.21	26.41	No	Not Applicable	0.70	0.29	-	2,97,11,543	27	67.02	01-Jun-14
Loftus Peak Global Disruption Mgd Fd ETF	LPGD	-	-2.92	8.50	22.49	21.23	23.01	No	Not Applicable	1.20	0.69	-0.04	34,72,642	-	-	12-Apr-02
Loomis Sayles Global Equity ETF	LSGE	-	-	-	-	-	-	No	Not Applicable	0.99	-	-	-	-	-	01-Oct-21
Magellan FuturePay ETF	FPAY	-	-0.12	-	-	-	-	No	Not Applicable	1.00	-	0.41	2,50,418	-	-	02-Jun-21
Magellan Global Active ETF	MGOC	-	0.42	8.47	7.63	10.18	13.82	No	Not Applicable	1.35	0.42	-0.11	5,80,57,272	-	-	29-Jun-07
Magellan High Conviction ETF	MHHT	-	-21.14	-13.40	-13.63	-	-	No	Not Applicable	1.50	-	-10.54	5,04,83,816	-	-	11-Oct-19
Morningstar International Shrs Actv ETF	MSTR	-	-20.36	-16.02	0.81	-	-	No	Not Applicable	0.39	0.19	-	46,10,090	402	9.61	26-Aug-19
Perth Mint Gold ETF	PMGOLD	-	2.74	8.73	-9.59	13.61	6.62	No	Not Applicable	0.15	0.10	0.00	37,19,148	-	-	09-May-03

1. Average % spread for quarter ending September 2021 (offer-bid/midpoint as measured from 10.30a.m.-3.45p.m.). Source: ASX.
2. The September 2021 quarter average premium/discount of the ETF from its net asset value at the closing price. Source: Morningstar Direct.
3. Total traded volume over the quarter ending September 2021. Source: Morningstar Direct.