

CCCAGG Constituent Review December 2022

Date of review: 2022-12-13

Expected date of implementation 2023-01-17

Markets to be included

exchange	fsym	tsym	grade	reason
Coinbase	ETH	USDT	A	Liquid pair Price Difference and Price Impact conditions passed
Kraken	SOL	USDT	A	Liquid pair Price Difference and Price Impact conditions passed
Kraken	MATIC	USDT	A	Liquid pair Price Difference and Price Impact conditions passed
Coinbase	APT	USDT	A	Liquid pair Price Difference and Price Impact conditions passed
bullish	USDC	USD	A	Liquid pair Price Difference and Price Impact conditions passed
Kraken	APE	USDT	A	Liquid pair Price Difference and Price Impact conditions passed
Kraken	ALGO	USDT	A	Liquid pair Price Difference and Price Impact conditions passed
Kraken	XMR	USDT	A	Liquid pair Price Difference and Price Impact conditions passed
binanceusa	QNT	USDT	A	Liquid pair Price Difference and Price Impact conditions passed
binanceusa	LRC	USDT	A	Liquid pair Price Difference and Price Impact conditions passed
binanceusa	GALA	USDT	A	Liquid pair Price Difference and Price Impact conditions passed
binanceusa	TRX	BUSD	A	Liquid pair Price Difference and Price Impact conditions passed
binanceusa	YFI	USDT	A	Liquid pair Price Difference and Price Impact conditions passed
binanceusa	TRX	BTC	A	Liquid pair Price Difference and Price Impact conditions passed
binanceusa	ROSE	USDT	A	Liquid pair Price Difference and Price Impact conditions passed
uniswapv3	CDAI	DAI	A	Liquid pair Price Difference and Price Impact conditions passed

binanceusa	REN	USDT	A	Liquid pair Price Difference and Price Impact conditions passed
binanceusa	QNT	USD	A	Liquid pair Price Difference and Price Impact conditions passed
binanceusa	LOKA	USDT	A	Liquid pair Price Difference and Price Impact conditions passed
binanceusa	VOXEL	USDT	A	Liquid pair Price Difference and Price Impact conditions passed
binanceusa	APT	USD	A	Liquid pair Price Difference and Price Impact conditions passed
binanceusa	WAXP	USDT	A	Liquid pair Price Difference and Price Impact conditions passed
binanceusa	LRC	BTC	A	Liquid pair Price Difference and Price Impact conditions passed
binanceusa	SAND	USD	A	Liquid pair Price Difference and Price Impact conditions passed
CoinEx	PIVX	BTC	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
aax	MULTI	USDT	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
CoinEx	MULTI	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
LBank	GT	USDT	C	Illiquid pair Price Stability and Liquidity Ratio conditions passed
CoinEx	SEELE	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
cryptodotcom	METIS	USDT	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
LBank	METIS	USDT	C	Illiquid pair Price Stability and Liquidity Ratio conditions passed
HuobiPro	METIS	USDT	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
OKEX	METIS	USDT	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
bkex	METIS	USDT	C	Illiquid pair Price Stability and Liquidity Ratio conditions passed
LAToken	METIS	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kucoin	METIS	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
LAToken	AGI	BTC	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
blockchaincom	DESO	USD	B	Illiquid pair Price Stability and

				Liquidity Ratio conditions passed
Liquid	XNO	USDT	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
P2PB2B	WTC	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
LAToken	DATA	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
LBank	TT	USDT	C	Illiquid pair Price Stability and Liquidity Ratio conditions passed
bkex	TT	USDT	C	Illiquid pair Price Stability and Liquidity Ratio conditions passed
binanceusa	KSM	USD	A	Liquid pair Price Difference and Price Impact conditions passed
Kraken	STX	USD	A	Liquid pair Price Difference and Price Impact conditions passed
aax	SAMO	USDT	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
LBank	SAMO	USDT	C	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Gateio	SAMO	USDT	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Bitforex	BRZ	USDT	C	Illiquid pair Price Stability and Liquidity Ratio conditions passed
ftxus	BRZ	USDT	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
OKEX	EURT	USDT	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Bitforex	PICKLE	USDT	C	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kraken	GALA	EUR	A	Liquid pair Price Difference and Price Impact conditions passed
OKEX	BTC	EURT	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
cryptodotcom	XYO	USD	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
probit	XYO	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
cryptodotcom	CRPT	USD	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
BitTrex	SYS	BTC	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kucoin	SYS	BTC	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed

OKEX	ETH	EURT	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Coinbase	LDO	USD	A	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	GODS	USD	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
cryptodotcom	KRL	USD	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
LAToken	ABT	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
cryptodotcom	MULTI	BTC	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
LBank	SWFTC	USDT	C	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kucoin	SWFTC	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Liquid	ETH	SGD	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
HuobiPro	BTC	USDD	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Liquid	USDT	SGD	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
LBank	PNG	USDT	C	Illiquid pair Price Stability and Liquidity Ratio conditions passed
HuobiPro	MLK	USDT	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
ftxus	KSHIB	USD	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
binanceusa	AXL	USDT	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
HuobiPro	AXL	USDT	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
binanceusa	ANT	USD	A	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	PRQ	USD	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
P2PB2B	WTC	BTC	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
LAToken	WTC	BTC	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Bibox	LAYER	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
HuobiPro	ETH	USDD	BB	Illiquid pair Price Stability and

				Liquidity Ratio conditions passed
LAToken	UNB	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
LBank	GMCOIN	USDT	C	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Binance	BTC	PLN	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
CoinEx	DESO	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kucoin	EVER	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
DigiFinex	EVER	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
P2PB2B	IOWN	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
cryptodotcom	CQT	USD	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
cryptodotcom	AKT	USD	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Coinbase	ILV	USD	A	Liquid pair Price Difference and Price Impact conditions passed
bilaxy	METIS	ETH	C	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Poloniex	FUND	BTC	C	Illiquid pair Price Stability and Liquidity Ratio conditions passed
cryptodotcom	GARI	USD	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
LBank	CRP	USDT	C	Illiquid pair Price Stability and Liquidity Ratio conditions passed
CoinEx	ROOK	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
cryptodotcom	BOSON	USD	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
sushiswap	USDT	DVF	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
cryptodotcom	SDN	USD	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
probit	PART	BTC	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
cryptodotcom	MULTI	USD	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Bibox	CGT	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed

bequant	ETH	USDP	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
bkex	RED	USDT	C	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kucoin	RED	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
BitMart	RED	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kucoin	MITX	BTC	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Poloniex	NXT	USDT	C	Illiquid pair Price Stability and Liquidity Ratio conditions passed
BitMart	LOCUS	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Gateio	MED	ETH	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
sushiswap	WETH	BTT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
sushiswap	PNK	WETH	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
StocksExchange	TNC	ETH	C	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kraken	IDEX	USD	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
cryptodotcom	METIS	USD	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Coinbase	IDEX	USD	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
HuobiPro	IDEX	USDT	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Coinbase	AXL	USD	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
binanceusa	AXL	USD	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
BitMart	USDP	USDC	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
uniswapv3	RBN	WETH	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kucoin	SWFTC	USDC	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
HuobiPro	SWFTC	USDC	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
OKEX	SWFTC	USDC	BB	Illiquid pair Price Stability and

				Liquidity Ratio conditions passed
sushiswap	BMI	WETH	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
CoinEx	IDEX	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Gateio	IDEX	USDT	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kucoin	IDEX	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Coinbase	IDEX	USDT	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Binance	ETH	PLN	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
DigiFinex	IDEX	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
LAToken	IDEX	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Binance	IDEX	USDT	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
uniswapv3	USDC	ICSA	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
uniswapv3	USDC	ECOX	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
uniswapv3	USDC	PSP	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
uniswapv3	USDC	ZZ	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
uniswapv3	GALA	TOWN	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Binance	AKRO	BUSD	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Binance	BUSD	PLN	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Coinbase	ABT	USD	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Binance	IDEX	BNB	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Binance	MULTI	BUSD	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kraken	MULTI	EUR	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
sushiswap	MULTI	WETH	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed

Binance	SYS	BUSD	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
binanceusa	SYS	USD	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
CoinEx	DCR	USDC	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Binance	AGI	BUSD	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
bilaxy	STARL	ETH	C	Illiquid pair Price Stability and Liquidity Ratio conditions passed
OKEX	KISHU	USDC	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Gateio	DORA	ETH	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
BitMart	APP	USDT	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
cryptodotcom	HERO	USD	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
BitTrex	GBPT	USDC	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
indodax	DGX	IDR	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Coinbase	SWFTC	USD	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
bilaxy	CTX	ETH	C	Illiquid pair Price Stability and Liquidity Ratio conditions passed
sushiswap	CTX	WETH	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
sushiswap	OHM	DAI	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
cryptodotcom	VVS	USD	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
bilaxy	MNZ	BUSD	C	Illiquid pair Price Stability and Liquidity Ratio conditions passed
bilaxy	FLX	ETH	C	Illiquid pair Price Stability and Liquidity Ratio conditions passed

Markets to be excluded

exchange	fsym	tsym	grade	reason
DigiFinex	GRS	BTC	B	Illiquid pair Price Difference condition failed
Gateio	TIME	ETH	BB	Illiquid pair Price Difference condition failed
BitTrex	BAT	ETH	BB	Liquid pair Price Difference condition failed
Poloniex	BAT	BTC	C	Liquid pair Price Difference condition failed
Bibox	BCH	ETH	B	Liquid pair Price Difference condition failed
BitTrex	BCH	ETH	BB	Liquid pair Price Difference condition failed
Cexio	BCH	GBP	A	Liquid pair Price Difference condition failed
Imax	BCH	GBP	A	Liquid pair Price Difference condition failed
HitBTC	BNB	ETH	B	Liquid pair Price Difference condition failed
BitTrex	BSV	USDT	BB	Liquid pair Price Difference condition failed
Bitfinex	BSV	BTC	A	Liquid pair Price Difference condition failed
Bitfinex	BTG	BTC	A	Liquid pair Price Difference condition failed
probit	CEEK	USDT	B	Liquid pair Price Difference condition failed
Bitfinex	CEL	USDT	A	Liquid pair Price Difference condition failed
LBank	CHESS	USDT	C	Liquid pair Price Difference condition failed
BitTrex	CKB	USDT	BB	Liquid pair Price Difference condition failed
HitBTC	CKB	USDT	B	Liquid pair Price Difference condition failed
BitTrex	EOS	ETH	BB	Liquid pair Price Difference condition failed
Upbit	GLM	BTC	BB	Liquid pair Price Difference condition failed

HitBTC	INJ	USDT	B	Liquid pair Price Difference condition failed
HitBTC	INJ	BTC	B	Liquid pair Price Difference condition failed
HitBTC	LSK	ETH	B	Liquid pair Price Difference condition failed
HitBTC	MLN	BTC	B	Liquid pair Price Difference condition failed
Gateio	NANO	BTC	BB	Liquid pair Price Difference condition failed
Gateio	NANO	USDT	BB	Liquid pair Price Difference condition failed
blockchaincom	NEAR	USD	B	Liquid pair Price Difference condition failed
Bitstamp	OMG	BTC	AA	Liquid pair Price Difference condition failed
Poloniex	OMG	BTC	C	Liquid pair Price Difference condition failed
HitBTC	OMG	BTC	B	Liquid pair Price Difference condition failed
Upbit	OMG	BTC	BB	Liquid pair Price Difference condition failed
Bibox	OMG	BTC	B	Liquid pair Price Difference condition failed
Cexio	OMG	BTC	A	Liquid pair Price Difference condition failed
BitTrex	PLA	USDT	BB	Liquid pair Price Difference condition failed
BitTrex	QTUM	ETH	BB	Liquid pair Price Difference condition failed
HitBTC	QTUM	ETH	B	Liquid pair Price Difference condition failed
BitTrex	QTUM	BTC	BB	Liquid pair Price Difference condition failed
Poloniex	QTUM	BTC	C	Liquid pair Price Difference condition failed
Kraken	REP	BTC	A	Liquid pair Price Difference condition failed
BitMart	REP	BTC	B	Liquid pair Price Difference condition failed
btse	RSR	USDT	B	Liquid pair Price Difference condition failed
HitBTC	SCRT	BTC	B	Liquid pair Price Difference

				condition failed
bithumbglobal	SOL	BTC	B	Liquid pair Price Difference condition failed
Bitfinex	SRM	USDT	A	Liquid pair Price Difference condition failed
Bitfinex	SRM	USD	A	Liquid pair Price Difference condition failed
Cexio	SRM	USD	A	Liquid pair Price Difference condition failed
Upbit	SRM	BTC	BB	Liquid pair Price Difference condition failed
Cexio	STORJ	USD	A	Liquid pair Price Difference condition failed
Poloniex	STPT	USDT	C	Liquid pair Price Difference condition failed
HitBTC	SXP	USDT	B	Liquid pair Price Difference condition failed
bithumbglobal	USDT	RUB	B	Liquid pair Price Difference condition failed
HitBTC	VET	ETH	B	Liquid pair Price Difference condition failed
BitTrex	WBTC	ETH	BB	Liquid pair Price Difference condition failed
BitTrex	WBTC	USDT	BB	Liquid pair Price Difference condition failed
HitBTC	XDC	ETH	B	Liquid pair Price Difference condition failed
CoinDeal	XRP	BTC	C	Liquid pair Price Difference condition failed
HitBTC	XVG	BTC	B	Liquid pair Price Difference condition failed
Coinsbit	YFII	USDT	B	Liquid pair Price Difference condition failed
Cexio	YFII	USDT	A	Liquid pair Price Difference condition failed
HuobiPro	ZRX	ETH	BB	Liquid pair Price Difference condition failed
Upbit	ZRX	BTC	BB	Liquid pair Price Difference condition failed
HuobiPro	ADX	BTC	BB	Removed due to zero volume
LBank	ALI	USDT	C	Removed due to zero volume
bilaxy	ARMOR	ETH	C	Removed due to zero volume

OKCoin	ATLAS	USD	BB	Removed due to zero volume
LBank	ATRI	USDT	C	Removed due to zero volume
HuobiPro	AUCTION	BTC	BB	Removed due to zero volume
cryptodotcom	AXS	USDC	BB	Removed due to zero volume
HuobiPro	BAL	BTC	BB	Removed due to zero volume
HuobiPro	BAND	BTC	BB	Removed due to zero volume
decoin	BIFI	USDT	B	Removed due to zero volume
cryptodotcom	BOND	USDC	BB	Removed due to zero volume
Binance	BTC	USDP	A	Removed due to zero volume
Binance	BTC	TUSD	A	Removed due to zero volume
Binance	BTG	USDT	A	Removed due to zero volume
Binance	BTG	BTC	A	Removed due to zero volume
decoin	CAKE	BTC	B	Removed due to zero volume
CoinJar	COMP	BTC	BB	Removed due to zero volume
LBank	CSC	USDT	C	Removed due to zero volume
HitBTC	DATA	ETH	B	Removed due to zero volume
HuobiPro	DATX	BTC	BB	Removed due to zero volume
BitMart	DCN	USDT	B	Removed due to zero volume
CoinEx	DEP	USDT	B	Removed due to zero volume
Binance	DNT	USDT	A	Removed due to zero volume
Binance	DNT	BTC	A	Removed due to zero volume
cryptodotcom	DYDX	USDC	BB	Removed due to zero volume
Binance	DYDX	ETH	A	Removed due to zero volume
Korbit	EGLD	KRW	BB	Removed due to zero volume
cryptodotcom	EGLD	USDC	BB	Removed due to zero volume
HuobiPro	ENJ	BTC	BB	Removed due to zero volume
Graviex	ENQ	BTC	C	Removed due to zero volume
cryptodotcom	ERN	USDT	BB	Removed due to zero volume
LAToken	ERN	USDT	B	Removed due to zero volume
OKEX	ERN	USDT	BB	Removed due to zero volume
Binance	ERN	USDT	A	Removed due to zero volume
Binance	ETH	TUSD	A	Removed due to zero volume
Coinsbit	ETH	TUSD	B	Removed due to zero volume
Kucoin	ETHO	BTC	B	Removed due to zero volume
LBank	FORT	USDT	C	Removed due to zero volume
cryptodotcom	GAL	USDC	BB	Removed due to zero volume

Korbit	GALA	KRW	BB	Removed due to zero volume
cryptodotcom	GALA	USDC	BB	Removed due to zero volume
Kucoin	GO	USDT	B	Removed due to zero volume
Kucoin	GO	ETH	B	Removed due to zero volume
Kucoin	GO	BTC	B	Removed due to zero volume
BitMart	GUSD	USDT	B	Removed due to zero volume
OKEX	GUSD	USDT	BB	Removed due to zero volume
DigiFinex	GUSD	USDT	B	Removed due to zero volume
Binance	HNT	USDT	A	Removed due to zero volume
Binance	HNT	BTC	A	Removed due to zero volume
LAToken	HYDRO	USDT	B	Removed due to zero volume
Gateio	ICE	USDT	BB	Removed due to zero volume
Graviex	ILC	BTC	C	Removed due to zero volume
CoinJar	LINK	BTC	BB	Removed due to zero volume
cryptodotcom	LUNA	USDC	BB	Removed due to zero volume
HuobiPro	MAN	ETH	BB	Removed due to zero volume
BitTrex	META	BTC	BB	Removed due to zero volume
Bitforex	MHC	BTC	C	Removed due to zero volume
CoinJar	MKR	BTC	BB	Removed due to zero volume
HuobiPro	MKR	ETH	BB	Removed due to zero volume
HuobiPro	MLN	BTC	BB	Removed due to zero volume
HuobiPro	MTX	BTC	BB	Removed due to zero volume
Binance	NBS	USDT	A	Removed due to zero volume
HitBTC	NIM	ETH	B	Removed due to zero volume
CoinJar	OMG	BTC	BB	Removed due to zero volume
Gateio	PAID	ETH	BB	Removed due to zero volume
Bibox	PI	USDT	B	Removed due to zero volume
BitTrex	PMA	BTC	BB	Removed due to zero volume
DigiFinex	POLY	USDT	B	Removed due to zero volume
Binance	POLY	USDT	A	Removed due to zero volume
Binance	POLY	BTC	A	Removed due to zero volume
HitBTC	POLY	BTC	B	Removed due to zero volume
DigiFinex	POSI	USDT	B	Removed due to zero volume
BitTrex	RENBTC	USDT	BB	Removed due to zero volume
BitTrex	RENBTC	USD	BB	Removed due to zero volume
Gateio	RON	USDT	BB	Removed due to zero volume

CoinEx	RON	USDT	B	Removed due to zero volume
HuobiPro	RUFF	BTC	BB	Removed due to zero volume
DigiFinex	RUFF	ETH	B	Removed due to zero volume
LBank	SCLP	USDT	C	Removed due to zero volume
Bibox	SHIB	USDT	B	Removed due to zero volume
HuobiPro	SKL	BTC	BB	Removed due to zero volume
HuobiPro	SNX	ETH	BB	Removed due to zero volume
cryptodotcom	SRM	USDC	BB	Removed due to zero volume
OKCoin	STMX	USD	BB	Removed due to zero volume
LAToken	SWM	USDT	B	Removed due to zero volume
Binance	TCT	USDT	A	Removed due to zero volume
BitMart	TOK	USDT	B	Removed due to zero volume
Coinbase	TRIBE	USD	A	Removed due to zero volume
blockchaincom	USDC	GBP	B	Removed due to zero volume
Kucoin	USDN	USDT	B	Removed due to zero volume
HitBTC	VIDT	BTC	B	Removed due to zero volume
OKCoin	WBTC	BTC	BB	Removed due to zero volume
BitTrex	XDGB	BTC	BB	Removed due to zero volume
BitTrex	XDGB	USDT	BB	Removed due to zero volume
HitBTC	XRP	BCH	B	Removed due to zero volume
CoinJar	YFI	BTC	BB	Removed due to zero volume
HuobiPro	YFII	BTC	BB	Removed due to zero volume
Binance	ZEC	USDC	A	Removed due to zero volume
LBank	ZENITH	USDT	C	Removed due to zero volume
ZB	1	USDT	B	Removed due to zero volume
bw	1	USDT	C	Removed due to zero volume
ZBG	1	USDT	B	Removed due to zero volume

CCCAGG Benchmark Family Markets to be excluded next month

Expected implementation date: 2023-01-17

exchange	fsym	tsym	grade	reason
Kraken	REP	BTC	A	Liquid pair Price Difference condition failed
Upbit	GLM	BTC	BB	Liquid pair Price Difference condition failed
Cexio	BCH	GBP	A	Liquid pair Price Difference condition failed
bithumbglobal	USDT	RUB	B	Liquid pair Price Difference condition failed
HitBTC	MLN	BTC	B	Liquid pair Price Difference condition failed
Bitfinex	BTG	BTC	A	Liquid pair Price Difference condition failed
HitBTC	LSK	ETH	B	Liquid pair Price Difference condition failed
CoinEx	DEP	USDT	B	Removed due to zero volume
HuobiPro	SKL	BTC	BB	Removed due to zero volume
blockchaincom	USDC	GBP	B	Removed due to zero volume
Binance	BTG	USDT	A	Removed due to zero volume