

CCCAGG Constituent Review February 2023

Date of review: 2023-02-14

Expected date of implementation 2023-02-21

As of this month, the CCCAGG methodology has been altered so that “a Top-Tier Exchange” with respect to the CCCAGG Review process means an Exchange with AA, A or BB based on the Exchange Benchmark results. The changes will impact the entire CCCAGG Benchmark Family, and will take effect on February 21st 2023.

Markets to be included

exchange	fsym	tsym	grade	reason
BTCTurk	GALA	TRY	B	Liquid pair Price Stability and Liquidity Ratio conditions passed
Kucoin	TONCOIN	USDT	B	Liquid pair Price Stability and Liquidity Ratio conditions passed
cryptodotcom	1INCH	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	AAVE	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	AAVE	ETH	BB	Liquid pair Price Difference and Price Impact conditions passed
OKEX	AAVE	ETH	BB	Liquid pair Price Difference and Price Impact conditions passed
bitpanda	AAVE	EUR	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	AAVE	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
OKEX	AAVE	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	AAVE	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
HuobiPro	AAVE	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	AGLD	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	ALGO	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	ALGO	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	ALGO	USDT	BB	Liquid pair Price Difference and

				Price Impact conditions passed
cryptodotcom	ALGO	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
HuobiPro	AMP	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	AMP	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
OKEX	APE	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
Upbit	APE	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
bitpanda	APE	EUR	BB	Liquid pair Price Difference and Price Impact conditions passed
Upbit	API3	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	ATOM	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	ATOM	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	ATOM	ETH	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	ATOM	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
binanceusa	BAL	USD	A	Liquid pair Price Difference and Price Impact conditions passed
bequant	BAT	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
bitpanda	BCH	EUR	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	BCH	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
OKEX	BICO	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
HuobiPro	BICO	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	BTC	BUSD	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	BTC	DAI	BB	Liquid pair Price Difference and Price Impact conditions passed
bitpanda	BTC	EUR	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	BTC	EUR	BB	Liquid pair Price Difference and Price Impact conditions passed

bitflyereu	BTC	JPY	BB	Liquid pair Price Difference and Price Impact conditions passed
erisx	BTC	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
Gateio	BTC	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	BTC	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	BTC	USDC	BB	Liquid pair Price Difference and Price Impact conditions passed
HuobiPro	BTC	USDC	BB	Liquid pair Price Difference and Price Impact conditions passed
bitpanda	BTC	USDC	BB	Liquid pair Price Difference and Price Impact conditions passed
BitTrex	BTC	USDC	BB	Liquid pair Price Difference and Price Impact conditions passed
HuobiPro	BTT	USDC	BB	Liquid pair Price Difference and Price Impact conditions passed
HuobiPro	CAKE	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	CHZ	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
OKEX	CHZ	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
OKEX	CHZ	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
Gateio	CHZ	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
Upbit	COMP	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	COMP	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	COMP	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
HuobiPro	COTI	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
Upbit	CRV	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	CRV	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	CSPR	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
OKEX	CVX	USDT	BB	Liquid pair Price Difference and

				Price Impact conditions passed
HuobiPro	CVX	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
HuobiPro	DIA	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
OKEX	DOGE	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	DOGE	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
OKEX	DOGE	ETH	BB	Liquid pair Price Difference and Price Impact conditions passed
Bitstamp	DOGE	EUR	AA	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	DOGE	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
Bitso	DOGE	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
Bitstamp	DOGE	USD	AA	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	DOGE	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	DOT	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
huobijapan	DOT	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	DOT	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	DOT	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
Gateio	DOT	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	DOT	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
BitTrex	DOT	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	DYDX	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
OKEX	DYDX	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	EGLD	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	EGLD	USD	BB	Liquid pair Price Difference and Price Impact conditions passed

HuobiPro	EGLD	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	EGLD	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
OKEX	ENJ	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	ENJ	ETH	BB	Liquid pair Price Difference and Price Impact conditions passed
OKEX	ENJ	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
Gateio	ENJ	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
binanceusa	ENJ	USDT	A	Liquid pair Price Difference and Price Impact conditions passed
bequant	EOS	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	EOS	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
huobijapan	ETC	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
Upbit	ETC	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	ETC	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	ETC	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	ETH	DAI	BB	Liquid pair Price Difference and Price Impact conditions passed
bitpanda	ETH	EUR	BB	Liquid pair Price Difference and Price Impact conditions passed
bitflyereu	ETH	EUR	BB	Liquid pair Price Difference and Price Impact conditions passed
erisx	ETH	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
Gateio	ETH	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	ETH	USDC	BB	Liquid pair Price Difference and Price Impact conditions passed
HuobiPro	ETH	USDC	BB	Liquid pair Price Difference and Price Impact conditions passed
crosstower	ETH	USDC	BB	Liquid pair Price Difference and Price Impact conditions passed
bitpanda	ETH	USDC	BB	Liquid pair Price Difference and

				Price Impact conditions passed
bequant	ETH	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
CoinJar	ETH	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	ETHW	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
Gateio	FIRO	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
HuobiPro	FIRO	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
Gateio	FIS	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	FLUX	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	FORTH	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	FTM	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	FTM	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
HuobiPro	FTM	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
BitTrex	FTM	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	FXS	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	GODS	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	HBAR	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	HBAR	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	ICP	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
OKEX	ILV	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
binanceusa	IMX	USDT	A	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	JASMY	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
HuobiPro	JASMY	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed

cryptodotcom	JASMY	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	KSM	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	LINK	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
bullish	LINK	USD	A	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	LINK	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
Gateio	LINK	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
Bitso	LINK	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	LINK	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	LINK	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	LPT	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	LRC	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
bitpanda	LTC	EUR	BB	Liquid pair Price Difference and Price Impact conditions passed
erisx	LTC	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
bullish	LTC	USD	A	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	LTC	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
Gateio	LTC	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
Bitso	LTC	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
crosstower	LTC	USDC	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	LTC	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	LTC	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	MANA	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
binanceusa	MANA	BTC	A	Liquid pair Price Difference and

				Price Impact conditions passed
binanceusa	MANA	BUSD	A	Liquid pair Price Difference and Price Impact conditions passed
bequant	MANA	ETH	BB	Liquid pair Price Difference and Price Impact conditions passed
bitpanda	MANA	EUR	BB	Liquid pair Price Difference and Price Impact conditions passed
Coinone	MANA	KRW	BB	Liquid pair Price Difference and Price Impact conditions passed
Bitstamp	MANA	USD	AA	Liquid pair Price Difference and Price Impact conditions passed
Kraken	MANA	USDT	A	Liquid pair Price Difference and Price Impact conditions passed
HuobiPro	MBOX	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
Coinbase	METIS	USDT	A	Liquid pair Price Difference and Price Impact conditions passed
bequant	MKR	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	MXC	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	NEAR	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
OKEX	NEAR	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	NEO	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	NEO	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
bitpanda	OCEAN	EUR	BB	Liquid pair Price Difference and Price Impact conditions passed
HuobiPro	OCEAN	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
binanceusa	OGN	USDT	A	Liquid pair Price Difference and Price Impact conditions passed
bequant	OMG	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
Gateio	OP	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	PAXG	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
OKEX	PHA	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed

OKEX	PHA	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
binanceusa	POND	USD	A	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	QNT	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
BitTrex	QNT	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	QNT	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	QTUM	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
OKEX	REN	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
OKEX	REN	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	SAND	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
BitTrex	SAND	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
bitpanda	SAND	EUR	BB	Liquid pair Price Difference and Price Impact conditions passed
OKEX	SAND	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
binanceusa	SAND	USDT	A	Liquid pair Price Difference and Price Impact conditions passed
Gateio	SLP	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	SLP	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	SNX	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	SNX	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
OKEX	SPELL	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	SPELL	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
HuobiPro	SPELL	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	STX	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
OKEX	SUN	USDT	BB	Liquid pair Price Difference and

				Price Impact conditions passed
HuobiPro	SUSHI	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	SUSHI	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
HuobiPro	SXP	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	TRB	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	TRX	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
huobijapan	TRX	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	TRX	ETH	BB	Liquid pair Price Difference and Price Impact conditions passed
huobijapan	TRX	ETH	BB	Liquid pair Price Difference and Price Impact conditions passed
Gateio	TRX	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
HuobiPro	TRX	USDC	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	TRX	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
HuobiPro	UNFI	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	UNFI	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	UNI	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
OKEX	UNI	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
Upbit	UNI	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	UNI	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
Bitso	UNI	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	UNI	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	UNI	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	USDT	DAI	BB	Liquid pair Price Difference and Price Impact conditions passed

HuobiPro	USDT	TRY	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	USDT	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
Gateio	USDT	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	USDT	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
Gateio	WIN	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
OKEX	XEC	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
HuobiPro	XEC	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	XLM	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	XLM	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
bitpanda	XRP	EUR	BB	Liquid pair Price Difference and Price Impact conditions passed
gopax	XRP	KRW	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	XRP	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
Gateio	XRP	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	XRP	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	XTZ	BTC	BB	Liquid pair Price Difference and Price Impact conditions passed
bitpanda	XTZ	EUR	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	XTZ	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	XTZ	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
Kraken	XTZ	USDT	A	Liquid pair Price Difference and Price Impact conditions passed
cryptodotcom	YFI	USD	BB	Liquid pair Price Difference and Price Impact conditions passed
OKEX	YFI	USDC	BB	Liquid pair Price Difference and Price Impact conditions passed
bequant	YFI	USDT	BB	Liquid pair Price Difference and

				Price Impact conditions passed
HuobiPro	YFI	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
HuobiPro	YGG	USDT	BB	Liquid pair Price Difference and Price Impact conditions passed
Upbit	ACM	BTC	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kraken	AGLD	EUR	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kraken	ALICE	EUR	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Gateio	ARV	USDT	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Gateio	AST	USDT	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kraken	BLZ	EUR	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
HuobiPro	BTC	EUROC	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kraken	C98	EUR	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kraken	CELR	EUR	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kraken	CHR	EUR	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
ZB	DOT	QC	B	Illiquid pair Price Stability and Liquidity Ratio conditions passed
HuobiPro	ERG	USDT	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
HuobiPro	ETH	EUROC	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kraken	EUL	EUR	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kraken	FARM	EUR	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kraken	FXS	EUR	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
HuobiPro	KLV	USDT	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Binance	PEOPLE	BNB	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kraken	POLS	EUR	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed

HuobiPro	PROM	USDT	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
HuobiPro	SOLO	USDT	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kraken	STG	EUR	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kraken	SUPER	EUR	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kraken	T	EUR	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kraken	TVK	EUR	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Gateio	UMEE	USDT	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kraken	UNFI	EUR	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed
HuobiPro	USDJ	USDT	BB	Illiquid pair Price Stability and Liquidity Ratio conditions passed
Kraken	XRT	USD	A	Illiquid pair Price Stability and Liquidity Ratio conditions passed

Markets to be excluded

exchange	fsym	tsym	grade	reason
TheRockTrading	DOT	EUR	BB	Liquid pair Price Difference condition failed
Upbit	BAT	BTC	BB	Liquid pair Price Difference condition failed
Bitso	BAT	BTC	BB	Liquid pair Price Difference condition failed
Upbit	QTUM	BTC	BB	Liquid pair Price Difference condition failed
CoinFalcon	LTC	BTC	B	Liquid pair Price Difference condition failed
BitTrex	OMG	BTC	BB	Liquid pair Price Difference condition failed
HuobiPro	EOS	ETH	BB	Liquid pair Price Difference condition failed
paribu	ETH	TRY	C	Liquid pair Price Difference condition failed
BitTrex	XLM	ETH	BB	Liquid pair Price Difference condition failed
BitTrex	XLM	BTC	BB	Liquid pair Price Difference condition failed
BitTrex	XRP	ETH	BB	Liquid pair Price Difference condition failed
HitBTC	ONT	ETH	B	Liquid pair Price Difference condition failed
Cexio	ONT	BTC	A	Liquid pair Price Difference condition failed
LAToken	ONT	BTC	B	Liquid pair Price Difference condition failed
OKEX	ONT	BTC	BB	Liquid pair Price Difference condition failed
bithumbglobal	SXP	USDT	B	Liquid pair Price Difference condition failed
BitTrex	SNX	USD	BB	Liquid pair Price Difference condition failed
Cexio	YFI	USD	A	Liquid pair Price Difference condition failed
Zaif	XEM	BTC	B	Liquid pair Price Difference condition failed

Poloniex	XEM	BTC	C	Liquid pair Price Difference condition failed
Upbit	XEM	BTC	BB	Liquid pair Price Difference condition failed
OKEX	XEM	USDT	BB	Liquid pair Price Difference condition failed
BitTrex	1INCH	ETH	BB	Liquid pair Price Difference condition failed
HitBTC	BAL	USDT	B	Liquid pair Price Difference condition failed
HitBTC	BAL	BTC	B	Liquid pair Price Difference condition failed
DigiFinex	FTM	USDT	B	Liquid pair Price Difference condition failed
Poloniex	NEO	BTC	C	Liquid pair Price Difference condition failed
LAToken	NEO	BTC	B	Liquid pair Price Difference condition failed
Poloniex	YGG	USDT	C	Liquid pair Price Difference condition failed
HuobiPro	OP	USDC	BB	Liquid pair Price Difference condition failed
Poloniex	OGN	USDT	C	Liquid pair Price Difference condition failed
LBank	TLM	USDT	C	Liquid pair Price Difference condition failed
BitMart	ZEC	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	ZEC	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	ZEC	USDT	B	Benchmark family pair exchange grade condition failed
LAToken	ZEC	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	ZEC	USDT	C	Benchmark family pair exchange grade condition failed
Bitforex	ZEC	BTC	C	Benchmark family pair exchange grade condition failed
HitBTC	ZEC	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	ZEC	BTC	B	Benchmark family pair exchange grade condition failed
LAToken	ZEC	BTC	B	Benchmark family pair exchange

				grade condition failed
Poloniex	ZEC	BTC	C	Benchmark family pair exchange grade condition failed
BTCBOX	LTC	JPY	B	Benchmark family pair exchange grade condition failed
btse	LTC	JPY	B	Benchmark family pair exchange grade condition failed
BitMart	LTC	BTC	B	Benchmark family pair exchange grade condition failed
Coinmate	LTC	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	LTC	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	LTC	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	LTC	BTC	C	Benchmark family pair exchange grade condition failed
BitMart	LTC	ETH	B	Benchmark family pair exchange grade condition failed
HitBTC	LTC	ETH	B	Benchmark family pair exchange grade condition failed
Kucoin	LTC	ETH	B	Benchmark family pair exchange grade condition failed
BitMart	LTC	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	LTC	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	LTC	USDT	C	Benchmark family pair exchange grade condition failed
Coinmate	LTC	EUR	B	Benchmark family pair exchange grade condition failed
btse	LTC	GBP	B	Benchmark family pair exchange grade condition failed
blockchaincom	LTC	USD	B	Benchmark family pair exchange grade condition failed
BitMart	XLM	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	XLM	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	XLM	USDT	B	Benchmark family pair exchange grade condition failed
LAToken	XLM	USDT	B	Benchmark family pair exchange grade condition failed

blockchaincom	XLM	EUR	B	Benchmark family pair exchange grade condition failed
BitMart	XLM	ETH	B	Benchmark family pair exchange grade condition failed
HitBTC	XLM	ETH	B	Benchmark family pair exchange grade condition failed
Kucoin	XLM	ETH	B	Benchmark family pair exchange grade condition failed
BitMart	XLM	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	XLM	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	XLM	BTC	B	Benchmark family pair exchange grade condition failed
P2PB2B	XLM	USD	B	Benchmark family pair exchange grade condition failed
blockchaincom	XLM	USD	B	Benchmark family pair exchange grade condition failed
BitMart	EOS	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	EOS	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	EOS	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	EOS	ETH	B	Benchmark family pair exchange grade condition failed
Kucoin	EOS	ETH	B	Benchmark family pair exchange grade condition failed
BitMart	EOS	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	EOS	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	EOS	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	EOS	USDT	C	Benchmark family pair exchange grade condition failed
BitMart	QTUM	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	QTUM	USDT	B	Benchmark family pair exchange grade condition failed
LAToken	QTUM	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	QTUM	USDT	C	Benchmark family pair exchange

				grade condition failed
BitMart	QTUM	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	QTUM	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	QTUM	BTC	B	Benchmark family pair exchange grade condition failed
LAToken	QTUM	ETH	B	Benchmark family pair exchange grade condition failed
HitBTC	ONT	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	ONT	USDT	B	Benchmark family pair exchange grade condition failed
LAToken	ONT	USDT	B	Benchmark family pair exchange grade condition failed
Catex	ETC	ETH	D	Benchmark family pair exchange grade condition failed
DigiFinex	ETC	ETH	B	Benchmark family pair exchange grade condition failed
Kucoin	ETC	ETH	B	Benchmark family pair exchange grade condition failed
Poloniex	ETC	ETH	C	Benchmark family pair exchange grade condition failed
Kucoin	ETC	BTC	B	Benchmark family pair exchange grade condition failed
BitMart	ETC	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	ETC	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	ETC	USDT	C	Benchmark family pair exchange grade condition failed
P2PB2B	ETC	USD	B	Benchmark family pair exchange grade condition failed
CoinFalcon	XRP	BTC	B	Benchmark family pair exchange grade condition failed
Coinmate	XRP	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	XRP	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	XRP	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	XRP	BTC	C	Benchmark family pair exchange grade condition failed

HitBTC	XRP	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	XRP	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	XRP	USDT	C	Benchmark family pair exchange grade condition failed
btse	XRP	GBP	B	Benchmark family pair exchange grade condition failed
Coinmate	XRP	EUR	B	Benchmark family pair exchange grade condition failed
btse	XRP	EUR	B	Benchmark family pair exchange grade condition failed
btse	XRP	JPY	B	Benchmark family pair exchange grade condition failed
Poloniex	DOGE	USDT	C	Benchmark family pair exchange grade condition failed
Bitforex	DOGE	BTC	C	Benchmark family pair exchange grade condition failed
CoinEx	DOGE	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	DOGE	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	DOGE	BTC	C	Benchmark family pair exchange grade condition failed
Coinsbit	DOGE	USD	B	Benchmark family pair exchange grade condition failed
BTCBOX	ETH	JPY	B	Benchmark family pair exchange grade condition failed
Zaif	ETH	JPY	B	Benchmark family pair exchange grade condition failed
btse	ETH	JPY	B	Benchmark family pair exchange grade condition failed
btse	ETH	AUD	B	Benchmark family pair exchange grade condition failed
BitMart	ETH	BTC	B	Benchmark family pair exchange grade condition failed
CoinDeal	ETH	BTC	C	Benchmark family pair exchange grade condition failed
CoinFalcon	ETH	BTC	B	Benchmark family pair exchange grade condition failed
Coinmate	ETH	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	ETH	BTC	B	Benchmark family pair exchange

				grade condition failed
Kucoin	ETH	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	ETH	BTC	C	Benchmark family pair exchange grade condition failed
Zaif	ETH	BTC	B	Benchmark family pair exchange grade condition failed
blockchaincom	ETH	BTC	B	Benchmark family pair exchange grade condition failed
BitMart	ETH	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	ETH	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	ETH	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	ETH	USDT	C	Benchmark family pair exchange grade condition failed
BitMart	ETH	DAI	B	Benchmark family pair exchange grade condition failed
HitBTC	ETH	DAI	B	Benchmark family pair exchange grade condition failed
Kucoin	ETH	DAI	B	Benchmark family pair exchange grade condition failed
Coinmate	ETH	EUR	B	Benchmark family pair exchange grade condition failed
Lykke	ETH	EUR	B	Benchmark family pair exchange grade condition failed
blockchaincom	ETH	EUR	B	Benchmark family pair exchange grade condition failed
blockchaincom	ETH	GBP	B	Benchmark family pair exchange grade condition failed
blockchaincom	ETH	USD	B	Benchmark family pair exchange grade condition failed
HitBTC	ETH	USDC	B	Benchmark family pair exchange grade condition failed
Kucoin	ETH	USDC	B	Benchmark family pair exchange grade condition failed
Poloniex	ETH	USDC	C	Benchmark family pair exchange grade condition failed
btse	BTC	AUD	B	Benchmark family pair exchange grade condition failed
BitMart	BTC	USDT	B	Benchmark family pair exchange grade condition failed

CoinDeal	BTC	USDT	C	Benchmark family pair exchange grade condition failed
HitBTC	BTC	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	BTC	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	BTC	USDT	C	Benchmark family pair exchange grade condition failed
blockchaincom	BTC	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	BTC	DAI	B	Benchmark family pair exchange grade condition failed
Kucoin	BTC	DAI	B	Benchmark family pair exchange grade condition failed
bkex	BTC	DAI	C	Benchmark family pair exchange grade condition failed
Lykke	BTC	GBP	B	Benchmark family pair exchange grade condition failed
blockchaincom	BTC	GBP	B	Benchmark family pair exchange grade condition failed
CoinFalcon	BTC	EUR	B	Benchmark family pair exchange grade condition failed
Coinmate	BTC	EUR	B	Benchmark family pair exchange grade condition failed
Lykke	BTC	EUR	B	Benchmark family pair exchange grade condition failed
blockchaincom	BTC	EUR	B	Benchmark family pair exchange grade condition failed
Coincheck	BTC	JPY	B	Benchmark family pair exchange grade condition failed
Zaif	BTC	JPY	B	Benchmark family pair exchange grade condition failed
BitMart	BTC	USDC	B	Benchmark family pair exchange grade condition failed
HitBTC	BTC	USDC	B	Benchmark family pair exchange grade condition failed
Kucoin	BTC	USDC	B	Benchmark family pair exchange grade condition failed
Poloniex	BTC	USDC	C	Benchmark family pair exchange grade condition failed
bitflyerus	BTC	USD	B	Benchmark family pair exchange grade condition failed
blockchaincom	BTC	USD	B	Benchmark family pair exchange

				grade condition failed
blockchaincom	USDT	USD	B	Benchmark family pair exchange grade condition failed
btse	USDT	USD	B	Benchmark family pair exchange grade condition failed
blockchaincom	USDT	EUR	B	Benchmark family pair exchange grade condition failed
btse	USDT	EUR	B	Benchmark family pair exchange grade condition failed
BTCBOX	BCH	JPY	B	Benchmark family pair exchange grade condition failed
Zaif	BCH	JPY	B	Benchmark family pair exchange grade condition failed
BitMart	BCH	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	BCH	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	BCH	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	BCH	BTC	B	Benchmark family pair exchange grade condition failed
blockchaincom	BCH	EUR	B	Benchmark family pair exchange grade condition failed
blockchaincom	BCH	USD	B	Benchmark family pair exchange grade condition failed
BTCTurk	LUNA	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	LUNA	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	LUNA	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	LUNA	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	LUNA	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	LUNA	USDT	B	Benchmark family pair exchange grade condition failed
BTCTurk	CHZ	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	CHZ	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	CHZ	USDT	B	Benchmark family pair exchange grade condition failed

DigiFinex	CHZ	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	CHZ	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	CHZ	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	CHZ	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	CHZ	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	CHZ	BTC	B	Benchmark family pair exchange grade condition failed
BTCTurk	FET	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	FET	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	FET	USDT	B	Benchmark family pair exchange grade condition failed
BTCTurk	FTM	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	FTM	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	FTM	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	FTM	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	FTM	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	XTZ	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	XTZ	USDT	B	Benchmark family pair exchange grade condition failed
LAToken	XTZ	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	XTZ	USDT	C	Benchmark family pair exchange grade condition failed
HitBTC	XTZ	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	XTZ	BTC	B	Benchmark family pair exchange grade condition failed
LAToken	XTZ	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	XTZ	BTC	C	Benchmark family pair exchange

				grade condition failed
HitBTC	XTZ	ETH	B	Benchmark family pair exchange grade condition failed
HitBTC	ANKR	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	ANKR	BTC	B	Benchmark family pair exchange grade condition failed
btse	ANKR	BTC	B	Benchmark family pair exchange grade condition failed
BTCTurk	AMP	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	AMP	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	AMP	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	AMP	USDT	C	Benchmark family pair exchange grade condition failed
dcoin	AMP	USDT	B	Benchmark family pair exchange grade condition failed
BTCTurk	SNX	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	SNX	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	SNX	USDT	B	Benchmark family pair exchange grade condition failed
Coinsbit	SNX	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	SNX	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	SNX	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	SNX	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	SNX	USDT	C	Benchmark family pair exchange grade condition failed
dcoin	SNX	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	SNX	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	SNX	BTC	C	Benchmark family pair exchange grade condition failed
Kucoin	SNX	ETH	B	Benchmark family pair exchange grade condition failed

BitMart	ATOM	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	ATOM	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	ATOM	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	ATOM	USDT	C	Benchmark family pair exchange grade condition failed
BitMart	ATOM	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	ATOM	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	ATOM	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	ATOM	BTC	C	Benchmark family pair exchange grade condition failed
btse	ATOM	EUR	B	Benchmark family pair exchange grade condition failed
HitBTC	ATOM	ETH	B	Benchmark family pair exchange grade condition failed
Kucoin	ATOM	ETH	B	Benchmark family pair exchange grade condition failed
btse	ATOM	USD	B	Benchmark family pair exchange grade condition failed
BTCTurk	LUNC	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	LUNC	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	LUNC	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	LUNC	USDT	B	Benchmark family pair exchange grade condition failed
dcoin	LUNC	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	LINK	ETH	B	Benchmark family pair exchange grade condition failed
Bitforex	LINK	ETH	C	Benchmark family pair exchange grade condition failed
HitBTC	LINK	ETH	B	Benchmark family pair exchange grade condition failed
BitMart	LINK	BTC	B	Benchmark family pair exchange grade condition failed
Bitforex	LINK	BTC	C	Benchmark family pair exchange

				grade condition failed
HitBTC	LINK	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	LINK	BTC	C	Benchmark family pair exchange grade condition failed
BitMart	LINK	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	LINK	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	LINK	USDT	C	Benchmark family pair exchange grade condition failed
BitMart	NEO	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	NEO	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	NEO	USDT	B	Benchmark family pair exchange grade condition failed
LAToken	NEO	USDT	B	Benchmark family pair exchange grade condition failed
P2PB2B	NEO	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	NEO	USDT	C	Benchmark family pair exchange grade condition failed
HitBTC	NEO	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	NEO	BTC	B	Benchmark family pair exchange grade condition failed
BTCTurk	UMA	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	UMA	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	UMA	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	UMA	USDT	B	Benchmark family pair exchange grade condition failed
dcoin	UMA	USDT	B	Benchmark family pair exchange grade condition failed
BTCTurk	SKL	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	SKL	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	SKL	USDT	B	Benchmark family pair exchange grade condition failed

DigiFinex	SKL	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	SKL	USDT	B	Benchmark family pair exchange grade condition failed
dcoin	SKL	USDT	B	Benchmark family pair exchange grade condition failed
BTCTurk	LPT	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	LPT	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	LPT	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	LPT	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	LPT	USDT	B	Benchmark family pair exchange grade condition failed
LAToken	LPT	USDT	B	Benchmark family pair exchange grade condition failed
BTCTurk	STX	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	STX	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	STX	USDT	B	Benchmark family pair exchange grade condition failed
blockchaincom	STX	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	DASH	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	DASH	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	DASH	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	DASH	USDT	C	Benchmark family pair exchange grade condition failed
BitMart	DASH	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	DASH	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	DASH	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	DASH	BTC	C	Benchmark family pair exchange grade condition failed
BTCTurk	AAVE	USDT	B	Benchmark family pair exchange

				grade condition failed
BitMart	AAVE	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	AAVE	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	AAVE	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	AAVE	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	AAVE	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	AAVE	USDT	C	Benchmark family pair exchange grade condition failed
btse	AAVE	USDT	B	Benchmark family pair exchange grade condition failed
dcoin	AAVE	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	AAVE	ETH	B	Benchmark family pair exchange grade condition failed
btse	AAVE	ETH	B	Benchmark family pair exchange grade condition failed
HitBTC	AAVE	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	AAVE	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	AAVE	BTC	C	Benchmark family pair exchange grade condition failed
BitMart	FIRO	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	FIRO	USDT	B	Benchmark family pair exchange grade condition failed
bkex	FIRO	USDT	C	Benchmark family pair exchange grade condition failed
HitBTC	POWR	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	OMG	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	OMG	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	OMG	BTC	B	Benchmark family pair exchange grade condition failed
CoinEx	RVN	USDT	B	Benchmark family pair exchange grade condition failed

DigiFinex	RVN	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	RVN	BTC	B	Benchmark family pair exchange grade condition failed
Graviex	RVN	BTC	C	Benchmark family pair exchange grade condition failed
HitBTC	RVN	BTC	B	Benchmark family pair exchange grade condition failed
BitMart	ALGO	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	ALGO	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	ALGO	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	ALGO	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	ALGO	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	ALGO	BTC	B	Benchmark family pair exchange grade condition failed
blockchaincom	ALGO	USD	B	Benchmark family pair exchange grade condition failed
HitBTC	DOT	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	DOT	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	DOT	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	DOT	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	DOT	ETH	B	Benchmark family pair exchange grade condition failed
btse	DOT	ETH	B	Benchmark family pair exchange grade condition failed
blockchaincom	DOT	EUR	B	Benchmark family pair exchange grade condition failed
btse	DOT	EUR	B	Benchmark family pair exchange grade condition failed
blockchaincom	DOT	USD	B	Benchmark family pair exchange grade condition failed
btse	DOT	USD	B	Benchmark family pair exchange grade condition failed
CoinEx	AGLD	USDT	B	Benchmark family pair exchange

				grade condition failed
DigiFinex	AGLD	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	AGLD	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	MKR	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	MKR	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	MKR	USDT	C	Benchmark family pair exchange grade condition failed
HitBTC	MKR	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	MKR	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	MKR	BTC	C	Benchmark family pair exchange grade condition failed
HitBTC	CRV	ETH	B	Benchmark family pair exchange grade condition failed
Kucoin	CRV	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	CRV	USDT	C	Benchmark family pair exchange grade condition failed
bithumbglobal	CRV	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	CRV	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	CRV	BTC	B	Benchmark family pair exchange grade condition failed
BitMart	SLP	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	SLP	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	SLP	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	SLP	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	SLP	USDT	C	Benchmark family pair exchange grade condition failed
bkex	SLP	USDT	C	Benchmark family pair exchange grade condition failed
BitMart	ICP	USDT	B	Benchmark family pair exchange grade condition failed

CoinEx	ICP	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	ICP	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	ICP	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	ICP	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	ICP	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	ICP	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	ICP	BTC	B	Benchmark family pair exchange grade condition failed
BitMart	XEM	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	XEM	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	XEM	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	XEM	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	XEM	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	XEM	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	XEM	BTC	B	Benchmark family pair exchange grade condition failed
DigiFinex	MXC	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	MXC	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	EGLD	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	EGLD	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	EGLD	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	CVX	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	CVX	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	CVX	USDT	B	Benchmark family pair exchange

				grade condition failed
btse	CVX	USDT	B	Benchmark family pair exchange grade condition failed
dcoin	CVX	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	PLA	USDT	B	Benchmark family pair exchange grade condition failed
LAToken	PLA	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	XEC	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	XEC	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	XEC	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	XEC	USDT	C	Benchmark family pair exchange grade condition failed
indodax	XEC	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	IMX	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	IMX	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	IMX	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	IMX	USDT	C	Benchmark family pair exchange grade condition failed
dcoin	IMX	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	COMP	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	COMP	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	COMP	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	COMP	USDT	C	Benchmark family pair exchange grade condition failed
HitBTC	COMP	BTC	B	Benchmark family pair exchange grade condition failed
BitMart	SUSHI	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	SUSHI	USDT	B	Benchmark family pair exchange grade condition failed

Coinsbit	SUSHI	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	SUSHI	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	SUSHI	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	SUSHI	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	SUSHI	USDT	C	Benchmark family pair exchange grade condition failed
bithumbglobal	SUSHI	USDT	B	Benchmark family pair exchange grade condition failed
btse	SUSHI	USDT	B	Benchmark family pair exchange grade condition failed
dcoin	SUSHI	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	SUSHI	BTC	B	Benchmark family pair exchange grade condition failed
btse	SUSHI	BTC	B	Benchmark family pair exchange grade condition failed
btse	SUSHI	USD	B	Benchmark family pair exchange grade condition failed
btse	SUSHI	ETH	B	Benchmark family pair exchange grade condition failed
BitMart	1INCH	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	1INCH	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	1INCH	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	1INCH	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	1INCH	USDT	B	Benchmark family pair exchange grade condition failed
btse	1INCH	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	1INCH	BTC	B	Benchmark family pair exchange grade condition failed
btse	1INCH	BTC	B	Benchmark family pair exchange grade condition failed
btse	1INCH	USD	B	Benchmark family pair exchange grade condition failed
Bitforex	SUN	USDT	C	Benchmark family pair exchange

				grade condition failed
CoinEx	SUN	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	SUN	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	SUN	USDT	C	Benchmark family pair exchange grade condition failed
BitMart	ILV	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	ILV	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	ILV	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	ILV	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	OCEAN	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	OCEAN	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	OCEAN	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	OCEAN	USDT	B	Benchmark family pair exchange grade condition failed
P2PB2B	OCEAN	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	OCEAN	USDT	C	Benchmark family pair exchange grade condition failed
Kucoin	OCEAN	BTC	B	Benchmark family pair exchange grade condition failed
P2PB2B	OCEAN	USD	B	Benchmark family pair exchange grade condition failed
BitMart	REN	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	REN	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	REN	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	REN	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	REN	USDT	C	Benchmark family pair exchange grade condition failed
dcoin	REN	USDT	B	Benchmark family pair exchange grade condition failed

HitBTC	REN	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	REN	BTC	C	Benchmark family pair exchange grade condition failed
BitMart	YGG	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	YGG	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	YGG	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	COTI	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	COTI	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	COTI	USDT	B	Benchmark family pair exchange grade condition failed
bithumbglobal	COTI	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	TRB	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	TRB	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	TRB	USDT	C	Benchmark family pair exchange grade condition failed
CoinEx	WIN	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	WIN	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	WIN	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	WIN	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	WIN	USDT	C	Benchmark family pair exchange grade condition failed
bithumbglobal	WIN	USDT	B	Benchmark family pair exchange grade condition failed
dcoin	WIN	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	BAT	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	BAT	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	BAT	USDT	C	Benchmark family pair exchange

				grade condition failed
HitBTC	BAT	BTC	B	Benchmark family pair exchange grade condition failed
LAToken	BAT	BTC	B	Benchmark family pair exchange grade condition failed
BitMart	BAL	USDT	B	Benchmark family pair exchange grade condition failed
Coinsbit	BAL	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	BAL	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	BAL	USDT	C	Benchmark family pair exchange grade condition failed
bithumbglobal	BAL	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	FLUX	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	FLUX	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	FLUX	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	MANA	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	MANA	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	MANA	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	MANA	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	MANA	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	MANA	USDT	C	Benchmark family pair exchange grade condition failed
dcoin	MANA	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	MANA	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	MANA	BTC	B	Benchmark family pair exchange grade condition failed
LAToken	MANA	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	MANA	BTC	C	Benchmark family pair exchange grade condition failed

HitBTC	MANA	ETH	B	Benchmark family pair exchange grade condition failed
Kucoin	MANA	ETH	B	Benchmark family pair exchange grade condition failed
BitMart	QNT	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	QNT	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	QNT	USDT	B	Benchmark family pair exchange grade condition failed
bithumbglobal	QNT	USDT	B	Benchmark family pair exchange grade condition failed
dcoin	QNT	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	METIS	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	METIS	USDT	B	Benchmark family pair exchange grade condition failed
LAToken	METIS	USDT	B	Benchmark family pair exchange grade condition failed
LBank	METIS	USDT	C	Benchmark family pair exchange grade condition failed
bkex	METIS	USDT	C	Benchmark family pair exchange grade condition failed
LAToken	FIS	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	ETHW	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	ETHW	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	ETHW	USDT	C	Benchmark family pair exchange grade condition failed
BitMart	BICO	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	BICO	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	BICO	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	BICO	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	PHA	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	PHA	USDT	B	Benchmark family pair exchange

				grade condition failed
Kucoin	PHA	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	KSM	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	KSM	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	KSM	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	KSM	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	KSM	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	KSM	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	KSM	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	KSM	BTC	B	Benchmark family pair exchange grade condition failed
BitMart	TRX	ETH	B	Benchmark family pair exchange grade condition failed
HitBTC	TRX	ETH	B	Benchmark family pair exchange grade condition failed
Kucoin	TRX	ETH	B	Benchmark family pair exchange grade condition failed
BitMart	TRX	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	TRX	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	TRX	USDT	B	Benchmark family pair exchange grade condition failed
LAToken	TRX	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	TRX	USDT	C	Benchmark family pair exchange grade condition failed
btse	TRX	EUR	B	Benchmark family pair exchange grade condition failed
BitMart	TRX	BTC	B	Benchmark family pair exchange grade condition failed
Bitforex	TRX	BTC	C	Benchmark family pair exchange grade condition failed
CoinFalcon	TRX	BTC	B	Benchmark family pair exchange grade condition failed

HitBTC	TRX	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	TRX	BTC	B	Benchmark family pair exchange grade condition failed
LAToken	TRX	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	TRX	BTC	C	Benchmark family pair exchange grade condition failed
P2PB2B	TRX	USD	B	Benchmark family pair exchange grade condition failed
btse	TRX	USD	B	Benchmark family pair exchange grade condition failed
CoinEx	ANT	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	ANT	USDT	B	Benchmark family pair exchange grade condition failed
dcoin	ANT	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	ANT	BTC	B	Benchmark family pair exchange grade condition failed
BitMart	SAND	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	SAND	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	SAND	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	SAND	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	SAND	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	SAND	USDT	C	Benchmark family pair exchange grade condition failed
dcoin	SAND	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	SAND	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	SAND	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	SAND	BTC	C	Benchmark family pair exchange grade condition failed
BitMart	CSPR	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	CSPR	USDT	B	Benchmark family pair exchange

				grade condition failed
BitMart	OP	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	OP	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	OP	USDT	B	Benchmark family pair exchange grade condition failed
dcoin	OP	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	DYDX	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	DYDX	USDT	B	Benchmark family pair exchange grade condition failed
bkex	DYDX	USDT	C	Benchmark family pair exchange grade condition failed
HitBTC	DYDX	BTC	B	Benchmark family pair exchange grade condition failed
BitMart	NEAR	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	NEAR	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	NEAR	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	NEAR	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	NEAR	USDT	B	Benchmark family pair exchange grade condition failed
dcoin	NEAR	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	NEAR	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	NEAR	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	NEAR	BTC	B	Benchmark family pair exchange grade condition failed
CoinEx	OGN	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	OGN	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	OGN	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	OGN	BTC	B	Benchmark family pair exchange grade condition failed

Kucoin	OGN	BTC	B	Benchmark family pair exchange grade condition failed
CoinEx	ALCX	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	HBAR	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	HBAR	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	HBAR	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	HBAR	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	HBAR	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	HBAR	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	HBAR	BTC	B	Benchmark family pair exchange grade condition failed
BitMart	SPELL	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	SPELL	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	SPELL	USDT	C	Benchmark family pair exchange grade condition failed
dcoin	SPELL	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	FORTH	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	FORTH	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	JASMY	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	JASMY	USDT	B	Benchmark family pair exchange grade condition failed
dcoin	JASMY	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	C98	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	C98	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	C98	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	C98	USDT	B	Benchmark family pair exchange

				grade condition failed
Kucoin	C98	USDT	B	Benchmark family pair exchange grade condition failed
LAToken	C98	USDT	B	Benchmark family pair exchange grade condition failed
LBank	C98	USDT	C	Benchmark family pair exchange grade condition failed
bilaxy	C98	USDT	C	Benchmark family pair exchange grade condition failed
bkex	C98	USDT	C	Benchmark family pair exchange grade condition failed
BitMart	API3	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	API3	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	API3	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	API3	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	UNI	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	UNI	USDT	B	Benchmark family pair exchange grade condition failed
btse	UNI	ETH	B	Benchmark family pair exchange grade condition failed
Coinsbit	UNI	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	UNI	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	YFI	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	YFI	USDT	C	Benchmark family pair exchange grade condition failed
bkex	YFI	USDT	C	Benchmark family pair exchange grade condition failed
CoinEx	YFI	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	YFI	BTC	B	Benchmark family pair exchange grade condition failed
btse	YFI	USD	B	Benchmark family pair exchange grade condition failed
BitMart	DIA	USDT	B	Benchmark family pair exchange grade condition failed

CoinEx	DIA	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	DIA	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	DIA	USDT	C	Benchmark family pair exchange grade condition failed
DigiFinex	LRC	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	LRC	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	LRC	USDT	C	Benchmark family pair exchange grade condition failed
dcoin	LRC	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	LRC	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	LRC	BTC	C	Benchmark family pair exchange grade condition failed
CoinEx	POND	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	POND	USDT	B	Benchmark family pair exchange grade condition failed
LAToken	POND	USDT	B	Benchmark family pair exchange grade condition failed
LBank	POND	USDT	C	Benchmark family pair exchange grade condition failed
bkex	POND	USDT	C	Benchmark family pair exchange grade condition failed
BitMart	APE	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	APE	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	APE	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	APE	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	APE	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	APE	USDT	C	Benchmark family pair exchange grade condition failed
bithumbglobal	APE	USDT	B	Benchmark family pair exchange grade condition failed
bkex	APE	USDT	C	Benchmark family pair exchange

				grade condition failed
CoinEx	APE	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	APE	BTC	B	Benchmark family pair exchange grade condition failed
btse	APE	BTC	B	Benchmark family pair exchange grade condition failed
btse	APE	USD	B	Benchmark family pair exchange grade condition failed
BitMart	ENJ	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	ENJ	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	ENJ	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	ENJ	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	ENJ	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	ENJ	USDT	C	Benchmark family pair exchange grade condition failed
dcoin	ENJ	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	ENJ	ETH	B	Benchmark family pair exchange grade condition failed
Kucoin	ENJ	ETH	B	Benchmark family pair exchange grade condition failed
HitBTC	ENJ	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	ENJ	BTC	B	Benchmark family pair exchange grade condition failed
LAToken	ENJ	BTC	B	Benchmark family pair exchange grade condition failed
P2PB2B	ENJ	USD	B	Benchmark family pair exchange grade condition failed
CoinEx	MIOTA	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	MIOTA	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	MIOTA	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	MIOTA	BTC	B	Benchmark family pair exchange grade condition failed

CoinEx	UNFI	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	UNFI	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	OXT	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	OXT	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	OXT	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	OXT	BTC	B	Benchmark family pair exchange grade condition failed
BitMart	ZRX	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	ZRX	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	ZRX	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	ZRX	BTC	C	Benchmark family pair exchange grade condition failed
HitBTC	ZRX	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	ZRX	USDT	C	Benchmark family pair exchange grade condition failed
CoinEx	ENS	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	ENS	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	ENS	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	ENS	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	ENS	USDT	C	Benchmark family pair exchange grade condition failed
btse	ENS	USDT	B	Benchmark family pair exchange grade condition failed
btse	ENS	USD	B	Benchmark family pair exchange grade condition failed
HitBTC	LSK	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	LSK	BTC	B	Benchmark family pair exchange grade condition failed
CoinEx	LSK	USDT	B	Benchmark family pair exchange

				grade condition failed
HitBTC	LSK	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	ROSE	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	ROSE	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	ROSE	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	GMT	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	GMT	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	GMT	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	GMT	USDT	C	Benchmark family pair exchange grade condition failed
dcoin	GMT	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	BADGER	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	BADGER	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	GAS	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	GAS	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	GAS	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	GAS	BTC	C	Benchmark family pair exchange grade condition failed
BitMart	WOO	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	WOO	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	WOO	USDT	B	Benchmark family pair exchange grade condition failed
btse	WOO	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	GLMR	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	ARPA	USDT	B	Benchmark family pair exchange grade condition failed

HitBTC	ARPA	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	ARPA	USDT	B	Benchmark family pair exchange grade condition failed
bithumbglobal	ARPA	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	AVAX	ETH	B	Benchmark family pair exchange grade condition failed
CoinEx	AVAX	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	AVAX	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	AVAX	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	AVAX	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	AVAX	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	AVAX	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	AVAX	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	AVAX	BTC	C	Benchmark family pair exchange grade condition failed
HitBTC	ZIL	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	ZIL	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	ZIL	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	ZIL	BTC	B	Benchmark family pair exchange grade condition failed
BitMart	ACH	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	ACH	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	ACH	USDT	B	Benchmark family pair exchange grade condition failed
dcoin	ACH	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	MOVR	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	MOVR	USDT	B	Benchmark family pair exchange

				grade condition failed
Kucoin	MOVR	USDT	B	Benchmark family pair exchange grade condition failed
LBank	MOVR	USDT	C	Benchmark family pair exchange grade condition failed
bkex	MOVR	USDT	C	Benchmark family pair exchange grade condition failed
Bitforex	T	USDT	C	Benchmark family pair exchange grade condition failed
CoinEx	T	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	T	USDT	B	Benchmark family pair exchange grade condition failed
LAToken	T	USDT	B	Benchmark family pair exchange grade condition failed
LBank	T	USDT	C	Benchmark family pair exchange grade condition failed
bkex	T	USDT	C	Benchmark family pair exchange grade condition failed
Coinsbit	BAND	USDT	B	Benchmark family pair exchange grade condition failed
P2PB2B	BAND	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	BAND	USDT	C	Benchmark family pair exchange grade condition failed
bithumbglobal	BAND	USDT	B	Benchmark family pair exchange grade condition failed
dcoin	BAND	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	STG	USDT	B	Benchmark family pair exchange grade condition failed
bkex	STG	USDT	C	Benchmark family pair exchange grade condition failed
DigiFinex	ZEN	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	ZEN	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	ZEN	USDT	B	Benchmark family pair exchange grade condition failed
bithumbglobal	ZEN	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	ZEN	BTC	B	Benchmark family pair exchange grade condition failed

HitBTC	ZEN	BTC	B	Benchmark family pair exchange grade condition failed
CoinEx	RAD	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	RAD	USDT	B	Benchmark family pair exchange grade condition failed
bkex	RAD	USDT	C	Benchmark family pair exchange grade condition failed
CoinEx	STEEM	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	STEEM	BTC	C	Benchmark family pair exchange grade condition failed
CoinEx	AUCTION	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	USDC	USDT	B	Benchmark family pair exchange grade condition failed
LAToken	USDC	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	SHIB	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	SHIB	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	SHIB	USDT	C	Benchmark family pair exchange grade condition failed
btse	SHIB	USD	B	Benchmark family pair exchange grade condition failed
CoinEx	RNDR	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	RNDR	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	RNDR	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	RNDR	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	RNDR	USDT	C	Benchmark family pair exchange grade condition failed
dcoin	RNDR	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	DGB	BTC	B	Benchmark family pair exchange grade condition failed
CoinEx	DGB	BTC	B	Benchmark family pair exchange grade condition failed
DigiFinex	DGB	BTC	B	Benchmark family pair exchange

				grade condition failed
HitBTC	DGB	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	DGB	BTC	B	Benchmark family pair exchange grade condition failed
CoinEx	DGB	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	DGB	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	DGB	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	DGB	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	AXS	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	AXS	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	AXS	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	AXS	USDT	B	Benchmark family pair exchange grade condition failed
bkex	AXS	USDT	C	Benchmark family pair exchange grade condition failed
dcoin	AXS	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	RSR	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	RSR	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	RSR	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	RSR	USDT	C	Benchmark family pair exchange grade condition failed
CoinEx	IDEX	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	IDEX	USDT	B	Benchmark family pair exchange grade condition failed
LAToken	IDEX	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	IOST	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	IOST	BTC	B	Benchmark family pair exchange grade condition failed

Kucoin	IOST	BTC	B	Benchmark family pair exchange grade condition failed
DigiFinex	IOST	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	IOST	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	IOST	USDT	B	Benchmark family pair exchange grade condition failed
dcoin	IOST	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	KNC	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	KNC	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	KNC	BTC	C	Benchmark family pair exchange grade condition failed
Coinsbit	KNC	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	KNC	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	KNC	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	ELF	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	ELF	BTC	B	Benchmark family pair exchange grade condition failed
CoinEx	ELF	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	ELF	USDT	B	Benchmark family pair exchange grade condition failed
dcoin	ELF	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	BOND	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	BOND	USDT	B	Benchmark family pair exchange grade condition failed
LAToken	BOND	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	YFII	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	YFII	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	YFII	USDT	C	Benchmark family pair exchange

				grade condition failed
dcoin	YFII	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	THETA	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	THETA	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	THETA	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	THETA	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	SNT	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	SNT	BTC	C	Benchmark family pair exchange grade condition failed
bithumbglobal	SOL	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	SOL	ETH	B	Benchmark family pair exchange grade condition failed
CoinEx	SOL	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	SOL	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	WBTC	BTC	B	Benchmark family pair exchange grade condition failed
BitMart	MINA	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	MINA	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	MINA	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	MINA	USDT	B	Benchmark family pair exchange grade condition failed
Bitforex	GHST	USDT	C	Benchmark family pair exchange grade condition failed
CoinEx	GHST	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	GHST	USDT	B	Benchmark family pair exchange grade condition failed
LBank	GHST	USDT	C	Benchmark family pair exchange grade condition failed
HitBTC	XMR	BTC	B	Benchmark family pair exchange grade condition failed

Kucoin	XMR	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	XMR	BTC	C	Benchmark family pair exchange grade condition failed
DigiFinex	XMR	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	XMR	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	XMR	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	XMR	USDT	C	Benchmark family pair exchange grade condition failed
bithumbglobal	XMR	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	DAI	USDT	B	Benchmark family pair exchange grade condition failed
LBank	DAI	USDT	C	Benchmark family pair exchange grade condition failed
Poloniex	DAI	USDT	C	Benchmark family pair exchange grade condition failed
BitMart	JST	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	JST	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	JST	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	JST	USDT	C	Benchmark family pair exchange grade condition failed
dcoin	JST	USDT	B	Benchmark family pair exchange grade condition failed
btse	ADA	GBP	B	Benchmark family pair exchange grade condition failed
Coinmate	ADA	EUR	B	Benchmark family pair exchange grade condition failed
btse	ADA	EUR	B	Benchmark family pair exchange grade condition failed
HitBTC	ADA	ETH	B	Benchmark family pair exchange grade condition failed
btse	ADA	ETH	B	Benchmark family pair exchange grade condition failed
HitBTC	ADA	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	ADA	BTC	B	Benchmark family pair exchange

				grade condition failed
HitBTC	ADA	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	ADA	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	WAVES	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	WAVES	BTC	B	Benchmark family pair exchange grade condition failed
LAToken	WAVES	BTC	B	Benchmark family pair exchange grade condition failed
BitMart	WAVES	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	WAVES	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	WAVES	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	WAVES	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	ONE	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	ONE	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	ONE	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	ONE	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	MATIC	BTC	B	Benchmark family pair exchange grade condition failed
Bitforex	MATIC	BTC	C	Benchmark family pair exchange grade condition failed
HitBTC	MATIC	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	MATIC	BTC	C	Benchmark family pair exchange grade condition failed
Catex	MATIC	ETH	D	Benchmark family pair exchange grade condition failed
HitBTC	MATIC	ETH	B	Benchmark family pair exchange grade condition failed
BitMart	MATIC	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	MATIC	USDT	B	Benchmark family pair exchange grade condition failed

Poloniex	MATIC	USDT	C	Benchmark family pair exchange grade condition failed
dcoin	MATIC	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	FRONT	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	FRONT	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	FRONT	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	FRONT	USDT	C	Benchmark family pair exchange grade condition failed
bithumbglobal	FRONT	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	NMR	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	NMR	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	NMR	BTC	C	Benchmark family pair exchange grade condition failed
CoinEx	NMR	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	NMR	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	NMR	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	FLOW	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	FLOW	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	FLOW	BTC	B	Benchmark family pair exchange grade condition failed
CoinEx	FLOW	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	FLOW	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	FLOW	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	FLOW	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	ICX	USDT	B	Benchmark family pair exchange grade condition failed
LAToken	ICX	USDT	B	Benchmark family pair exchange

				grade condition failed
CoinEx	ICX	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	ICX	BTC	B	Benchmark family pair exchange grade condition failed
LAToken	ICX	BTC	B	Benchmark family pair exchange grade condition failed
BitMart	GRT	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	GRT	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	GRT	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	GRT	USDT	C	Benchmark family pair exchange grade condition failed
CoinEx	GRT	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	GRT	BTC	B	Benchmark family pair exchange grade condition failed
CoinEx	REQ	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	REQ	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	KDA	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	KDA	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	SC	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	SC	USDT	C	Benchmark family pair exchange grade condition failed
DigiFinex	SC	ETH	B	Benchmark family pair exchange grade condition failed
CoinEx	SC	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	SC	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	SC	BTC	C	Benchmark family pair exchange grade condition failed
CoinEx	ARDR	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	ARDR	BTC	B	Benchmark family pair exchange grade condition failed

Poloniex	ARDR	BTC	C	Benchmark family pair exchange grade condition failed
BitMart	CELR	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	CELR	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	CELR	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	CELR	USDT	B	Benchmark family pair exchange grade condition failed
dcoin	CELR	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	UTK	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	UTK	USDT	B	Benchmark family pair exchange grade condition failed
bithumbglobal	UTK	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	STORJ	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	STORJ	BTC	C	Benchmark family pair exchange grade condition failed
BitMart	STORJ	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	STORJ	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	STORJ	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	STORJ	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	STORJ	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	FIL	BTC	B	Benchmark family pair exchange grade condition failed
DigiFinex	FIL	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	FIL	BTC	B	Benchmark family pair exchange grade condition failed
BitMart	FIL	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	FIL	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	FIL	USDT	B	Benchmark family pair exchange

				grade condition failed
bithumbglobal	FIL	USDT	B	Benchmark family pair exchange grade condition failed
dcoin	FIL	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	WAXP	BTC	B	Benchmark family pair exchange grade condition failed
CoinEx	WAXP	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	NKN	BTC	B	Benchmark family pair exchange grade condition failed
BitMart	VET	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	VET	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	VET	BTC	B	Benchmark family pair exchange grade condition failed
BitMart	VET	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	VET	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	VET	USDT	B	Benchmark family pair exchange grade condition failed
LAToken	VET	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	PERP	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	PERP	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	PERP	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	RLC	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	RLC	BTC	B	Benchmark family pair exchange grade condition failed
CoinEx	RLC	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	RLC	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	RLC	USDT	C	Benchmark family pair exchange grade condition failed
CoinEx	ASTR	USDT	B	Benchmark family pair exchange grade condition failed

Kucoin	ASTR	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	HIVE	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	POLS	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	POLS	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	POLS	USDT	C	Benchmark family pair exchange grade condition failed
bkex	POLS	USDT	C	Benchmark family pair exchange grade condition failed
HitBTC	BNT	BTC	B	Benchmark family pair exchange grade condition failed
Poloniex	BNT	BTC	C	Benchmark family pair exchange grade condition failed
CoinEx	CVC	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	CVC	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	CTSI	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	CTSI	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	CTSI	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	CTSI	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	CTSI	USDT	C	Benchmark family pair exchange grade condition failed
dcoin	CTSI	USDT	B	Benchmark family pair exchange grade condition failed
BitMart	NULS	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	NULS	USDT	B	Benchmark family pair exchange grade condition failed
dcoin	NULS	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	REEF	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	REEF	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	REEF	USDT	B	Benchmark family pair exchange

				grade condition failed
Kucoin	REEF	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	REEF	USDT	C	Benchmark family pair exchange grade condition failed
CoinEx	CELO	BTC	B	Benchmark family pair exchange grade condition failed
HitBTC	CELO	BTC	B	Benchmark family pair exchange grade condition failed
Kucoin	CELO	BTC	B	Benchmark family pair exchange grade condition failed
BitMart	CELO	USDT	B	Benchmark family pair exchange grade condition failed
CoinEx	CELO	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	CELO	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	CELO	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	CELO	USDT	B	Benchmark family pair exchange grade condition failed
Bitforex	MASK	USDT	C	Benchmark family pair exchange grade condition failed
DigiFinex	MASK	USDT	B	Benchmark family pair exchange grade condition failed
HitBTC	MASK	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	MASK	USDT	B	Benchmark family pair exchange grade condition failed
bkex	MASK	USDT	C	Benchmark family pair exchange grade condition failed
CoinEx	CLV	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	CLV	USDT	B	Benchmark family pair exchange grade condition failed
Poloniex	CLV	USDT	C	Benchmark family pair exchange grade condition failed
BitMart	CRO	USDT	B	Benchmark family pair exchange grade condition failed
DigiFinex	CRO	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	CRO	USDT	B	Benchmark family pair exchange grade condition failed

Kucoin	CRO	BTC	B	Benchmark family pair exchange grade condition failed
CoinEx	SUKU	USDT	B	Benchmark family pair exchange grade condition failed
Kucoin	SUKU	USDT	B	Benchmark family pair exchange grade condition failed
bkex	SUKU	USDT	C	Benchmark family pair exchange grade condition failed