

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of October 31, 2022

REPO TRIPA MORTG 3.05 11/01/2022	39.73
UBSPUSER R SOFR P 05/22/23 UB	32.85
MLFCF15 R SOFR P 10/20/23 BA	24.08
GSGLPWDL R SOFR P 12/15/25 GS	22.52
US 10YR NOTE (CBT)DEC22 TYZ2	15.63
BEFSBAXD R 0.1 P 05/26/23 BC	7.49
JPCMPTFL R SOFR P 10/04/23 JP	3.71
FNMA FN30 TBA UMBS 05.5000 12/01/2052	3.57
FNMA FN30 TBA UMBS 05.0000 11/01/2052	3.49
FNMA FN30 TBA UMBS 05.0000 12/01/2052	3.49
FNMA FN30 TBA UMBS 04.5000 11/01/2052	3.40
GSVIUS85 R 0.45 P 12/15/25 GS	2.69
GSVIVV69 R 0.3 P 12/15/25 GS	2.49
CITI COMMOD F3-F0 4X LEVERED INDEX	1.58
ENERGY SELECT SECTOR SPDR SEDOL 2402466	1.47
CONSUMER STAPLES SPDR SEDOL 2369389	1.27
BAML COMMODITY MLBX4SX6 ER STRATEGY	1.25
TECHNOLOGY SELECT SECT SPDR SEDOL 2369709	1.21
SP GSCI LIGHT ENERGY	1.18
UTILITIES SELECT SECTOR SPDR SEDOL 2371812	1.17
MATERIALS SELECT SECTOR SPDR SEDOL 2436841	1.14
REAL ESTATE SELECT SECT SPDR SEDOL BYZ65Y9	1.09
TREASURY BILL 00.0000 11/08/2022	1.09
GSVIVVOL R 0.3 P 12/15/25 GS	1.06
GSVICUB3 R 0.45 P 12/15/25 GS	0.78
CITI CROSS-ASSET TREND 10% VOL INDEX	0.70
S&P GSCI ER INDEX	0.69
TAIWAN SEMICONDUCTOR-SP ADR SEDOL 2113382	0.44
SAMSUNG ELECTRONICS CO LTD SEDOL 6771720	0.38
TREASURY BILL 00.0000 11/15/2022	0.36
ALIBABA GROUP HOLDING LTD SEDOL BK6YZP5	0.26
REPUBLICA ORIENT URUGUAY USD 04.3750 10/27/2027	0.25
CAS 2016-C02 1B 15.8356 09/25/2028	0.24
S&P GSCI LIGHT ENERGY ER INDEX	0.22
VALE SA-SP ADR SEDOL 2857334	0.21
INFOSYS LTD SEDOL 6205122	0.21
TATA CONSULTANCY SVS LTD SEDOL B01NPJ1	0.19
ITAUSA SA SEDOL 2458771	0.17
EMBOTELLADORAS ARCA SA-NOM SEDOL 2823885	0.17
HON HAI PRECISION INDUSTRY SEDOL 6438564	0.16
KOC HLDG SEDOL B03MVJ8	0.15
CPFL ENERGIA SA SEDOL B031NN3	0.14
ASIAN PAINTS LTD SEDOL BCRWL65	0.14
TENCENT HOLDINGS LTD SEDOL BMMV2K8	0.14
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 JP	0.14

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CSPC PHARMACEUTICAL GROUP LT	SEDOL 6191997	0.14
PAGE INDUSTRIES LTD	SEDOL B1VJS64	0.14
ASTRA INTERNATIONAL TBK PT	SEDOL B800MQ5	0.14
HYUNDAI GLOVIS CO LTD	SEDOL B0V3XR5	0.13
LENOVO GROUP LTD	SEDOL 6218089	0.13
AGRICULTURAL BANK OF CHINA-H	SEDOL B60LZR6	0.13
SUN PHARMA INDUS	SEDOL 6582483	0.13
BANCO BRADESCO SA-PREF	SEDOL B00FM53	0.13
KIA CORP	SEDOL 6490928	0.13
BANK OF JIANGSU CO 144A/REGS WARRANT 11/28/2023		0.13
CTBC FINANCIAL HOLDING CO LT	SEDOL 6527666	0.13
KB FINANCIAL GROUP INC	SEDOL B3DF0Y6	0.13
JD.COM INC - CL A	SEDOL BKPQZT6	0.13
CENCOSUD SA	SEDOL B00R3L2	0.13
S&P GSCI ER INDEX		0.13
INNER MONGOLIA ERODS RESOU-B	SEDOL 6460200	0.13
HAIER SMART HOME CO LTD-H	SEDOL BLD4QD0	0.13
HONG LEONG BANK BERHAD	SEDOL 6436892	0.13
HANA FINANCIAL GROUP	SEDOL B0RNRF5	0.13
CHINA SHENHUA ENERGY CO-H	SEDOL B09N7M0	0.12
LG INNOTEK CO LTD	SEDOL B39Z8G8	0.12
INDO TAMBANGRAYA MEGAH TBK P	SEDOL B29SK75	0.12
SIPCHEM AB R SOFR P 06/20/23 BA		0.12
SHENZHEN MINDRAY BIO-MEDICAL ELEC CO 144A/REGS WARRANT 12/07		0.11
NETEASE INC	SEDOL BM93SF4	0.11
UNITED MEXICAN STATES	USD 05.5500 01/21/2045	0.11
CHONGQING ZHIFEI BIOLOGICA-A 144A/REGS WARRANT 06/30/2023		0.10
CHINA DEVELOPMENT FINANCIAL	SEDOL 6431756	0.09
ENN NATURAL GAS CO 144A/REGS WARRANT 09/22/2023		0.09
GNR 2020-173 MI IO	02.5000 11/20/2050	0.09
ZHONGSHENG GROUP HOLDINGS	SEDOL B633D97	0.09
SCRT 2019-4 M	04.5000 02/25/2059	0.09
FHR 5082 IQ IO	03.0000 03/25/2051	0.09
CHINA INTL CAPITA-H	SEDOL BZ169C6	0.08
PETROLEOS MEXICANOS	USD 06.7000 02/16/2032	0.08
EVERGREEN MARINE CORP LTD	SEDOL 6324500	0.08
UNITED TRACTORS TBK PT	SEDOL 6230845	0.08
PETROBRAS GLOBAL FINANCE	USD 06.2500 03/17/2024	0.08
BANCO DE CHILE	SEDOL 2100845	0.07
VEDANTA LTD	SEDOL 6136040	0.07
BAIDU INC-CLASS A	SEDOL B0J2D41	0.07
SHRP 2020-1 NOTE	03.0253 07/25/2024	0.07
CAS 2022-R02 2M2	05.9968 01/25/2042	0.07
GNR 2018-153 AI IO	04.5000 09/16/2045	0.07
GSMS 2014-GC24 D	144A 04.5325 09/10/2047	0.07

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ENBRIDGE INC	USD 04.2500 12/01/2026	0.07
COROMANDEL INTERNATIONAL LTD	SEDOL B0VDZN5	0.07
CATHAY FINANCIAL HOLDING CO	SEDOL 6425663	0.06
ANGLO AMERICAN PLATINUM LTD	SEDOL 6761000	0.06
MARUTI SUZUKI INDIA LTD	SEDOL 6633712	0.06
FNR 2020-47 ID IO	04.0000 07/25/2050	0.06
CMLTI 2007-AR5 1A1A	03.0589 04/25/2037	0.06
SPST 2022-3 A1	04.8284 05/29/2023	0.05
GNR 2014-184 DI IO	05.5000 12/16/2044	0.05
CMB CMBX.NA.BB.7 2047-01-17	500.0 01/17/2047 GS	0.05
COSCO SHIPPING HOLDINGS CO-H	SEDOL B0B8Z18	0.05
FHR 4964 IA IO	04.5000 03/25/2050	0.05
HELLENIC TELECOMMUN ORGANIZA	SEDOL 5051605	0.05
FNR 2015-30 IO IO	05.5000 05/25/2045	0.05
EEC AB R SOFR P 06/20/23 BA		0.05
UNITED MICROELECTRONICS CORP	SEDOL 6916628	0.05
JPMBB 2013-C14 E	144A 04.5477 08/15/2046	0.05
CHINA MINSHENG BANKING COR-H	SEDOL B57JY24	0.05
CHEIL WORLDWIDE INC	SEDOL 6093231	0.05
WALMART DE MEXICO SAB DE CV	SEDOL BW1YVH8	0.04
SCHAEFFLER INDIA LTD	SEDOL BPG9V35	0.04
CMB CMBX.NA.BB.9 2058-09-17	500.0 09/17/2058 CG	0.04
MULTICHOICE GROUP LTD	SEDOL BHZSKR4	0.04
3.40 R ISWP FWD SOFR P 12/21/2032		0.04
CAS 2017-C02 2B1	09.0856 09/25/2029	0.04
SHAANXI COAL INDUSTRY 144A/REGS WARRANT	08/21/2023	0.04
FNR 2017-74 SA IO	02.1644 10/25/2047	0.04
BANCO BTG PACTUAL SA-UNIT	SEDOL BZBZVC7	0.04
HAITIAN INTERNATIONAL HLDGS	SEDOL B1L2RC2	0.04
NORTHAM PLATINUM HOLDINGS LT	SEDOL BMZ1NS0	0.03
CAS 2020-R01 1B1	06.8356 01/25/2040	0.03
CIPLA LTD	SEDOL B011108	0.03
HYUNDAI MARINE	SEDOL B01LXY6	0.03
GNR 2016-H02 BI IO	00.0800 11/20/2065	0.03
GNR 2020-33 SA IO	02.6109 03/20/2050	0.03
GNR 2016-150 I IO	05.0000 11/20/2046	0.03
TADAWULG AB R SOFR P 06/20/23 BA		0.03
WAMU 2004-AR12 A2B	04.5056 10/25/2044	0.03
INNER MONGOLIA YUAN XING-A 144A/REGS WARRANT	06/30/2023	0.03
CHINA CONSTRUCTION BANK-H	SEDOL B0LMTQ3	0.03
CAS 2015-C04 1M2	09.2856 04/25/2028	0.03
GNR 2015-H15 JI IO	01.9886 06/20/2065	0.03
FNR 2017-32 IP IO	04.5000 05/25/2047	0.03
CMB CMBX.NA.BBB-.7 2047-01-17	300.0 01/17/2047 MS	0.03
JPMCC 2006-LDP9 AMS	05.3370 05/15/2047	0.03

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GRUPO BIMBO SAB- SERIES A	SEDOL 2392471	0.03
STACR 2020-HQA2 M2	06.6856 03/25/2050	0.03
COCA-COLA ICECEK AS	SEDOL B058ZV4	0.03
AMBEV SA	SEDOL BG7ZWY7	0.02
FERTIGLOBE PLC	SEDOL BMXCL70	0.02
GNR 2015-H25 AI IO	01.6156 09/20/2065	0.02
4.25 R ISWP FWD SOFR P 12/21/2024		0.02
KT CORP	SEDOL 6505316	0.02
TISCO FINANCIAL-FOREIGN	SEDOL B3KFW76	0.02
GNR 2010-125 SD IO	03.2679 01/16/2040	0.02
RJHI AB R SOFRRATE P 06/20/23 BA		0.02
GNR 2015-53 MI IO	04.0000 04/16/2045	0.02
CHINA YONGDA AUTOMOBILES SER	SEDOL B8F2T65	0.02
INDOFOOD SUKSES MAKMUR TBK P	SEDOL 6283979	0.02
GNR 2015-H25 BI IO	01.2228 10/20/2065	0.02
GNR 2015-H20 CI IO	01.5733 08/20/2065	0.02
GNR 2018-H05 AI IO	01.8035 02/20/2068	0.02
GNR 2015-187 JI IO	04.0000 03/20/2045	0.02
CMB CMBX.NA.BB.9 2058-09-17	500.0 09/17/2058 CS	0.02
GNR 2015-167 BI IO	04.5000 04/16/2045	0.02
FNR 2017-8 SB IO	02.5144 02/25/2047	0.02
CMB CMBX.NA.BB.6 2063-05-11	500.0 05/11/2063 CS	0.02
GNR 2015-H10 CI IO	01.8230 04/20/2065	0.02
FNR 2016-88 SK IO	02.4144 12/25/2046	0.02
GNR 2015-H19 NI IO	01.9132 07/20/2065	0.02
FNR 2017-108 SA IO	02.5644 01/25/2048	0.02
SHIN KONG FINANCIAL HOLDING	SEDOL 6452586	0.02
GNR 2014-146 EI IO	05.0000 10/20/2044	0.02
FNR 2016-3 NI IO	06.0000 02/25/2046	0.02
GNR 2010-9 UI IO	05.0000 01/20/2040	0.02
GNR 2015-105 LI IO	05.0000 10/20/2039	0.02
GNR 2015-H09 BI IO	01.6751 03/20/2065	0.02
2.925 R ISWP FWD SES3M P 12/21/2032		0.01
FNR 2020-16 SG IO	02.4644 03/25/2050	0.01
CWHL 2005-3 1A1	04.2056 04/25/2035	0.01
3.80 R ISWP FWD SOFR P 12/21/2027		0.01
GNR 2018-91 SJ IO	02.7609 07/20/2048	0.01
BANGKOK DUSIT MED SERVICE-F	SEDOL BLZGSM7	0.01
GNR 2014-H21 AI IO	00.4229 10/20/2064	0.01
GNR 2017-H06 BI IO	02.3863 02/20/2067	0.01
GNR 2009-121 UI IO	05.0000 12/20/2039	0.01
FNR 2013-130 SD IO	03.0144 01/25/2044	0.01
GNR 2010-20 UI IO	05.0000 02/20/2040	0.01
GNR 2013-20 QI IO	04.5000 12/16/2042	0.01
CMB CMBX.NA.BB.9 2058-09-17	500.0 09/17/2058 ML	0.01

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GNR 2015-H09 AI IO	00.0134	04/20/2065	0.01
3.78 R ISWP FWD AUDBB3M P 12/21/2024			0.01
FNR 2016-65 CS IO	02.5144	09/25/2046	0.01
GNR 2018-127 ID IO	05.0000	07/20/2045	0.01
GNR 2017-H02 BI IO	02.4515	01/20/2067	0.01
GNR 2015-H16 XI IO	01.5114	07/20/2065	0.01
GNR 2013-6 AI IO	03.5000	08/20/2039	0.01
GNR 2018-104 SD IO	02.7109	08/20/2048	0.01
FHR 4752 PS IO	02.7879	11/15/2047	0.01
GNR 2019-121 DS IO	02.6109	08/20/2049	0.01
GNR 2014-163 NI IO	05.0000	02/20/2044	0.01
GNR 2016-H16 DI IO	01.3873	06/20/2066	0.01
FNR 2012-151 PI IO	03.0000	01/25/2043	0.01
GNR 2016-H03 AI IO	00.0195	01/20/2066	0.01
2.91 R ISWP FWD EUR006M P 12/21/2024			0.01
EVR LN R SOFR P 12/15/25 GS			0.01
PING AN INSURANCE GROUP CO-H SEDOL B01FLR7			0.01
FHR 4801 IG IO	03.0000	06/15/2048	0.01
FIRSTSTRAND LTD SEDOL 6606996			0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 ML			0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CS			0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CS			0.01
GNR 2015-24 IA IO	03.5000	02/20/2045	0.01
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 CG			0.01
FHR 4193 PI IO	04.0000	03/15/2043	0.01
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 MS			0.01
GNR 2011-17 S IO	02.5609	02/20/2041	0.01
3.1885 R ISWP SOFR P 10/14/2052			0.01
INTL CONTAINER TERM SVCS INC SEDOL 6455819			0.01
GNR 2016-75 EI IO	03.5000	08/20/2045	0.01
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 ML			0.01
GNR 2013-24 PI IO	04.0000	11/20/2042	0.01
3.0605 R ISWP SOFR P 09/29/2052			0.00
3.468 R ISWP SOFR P 10/05/2032			0.00
3.0575 R ISWP SOFR P 09/29/2052			0.00
GNR 2016-H04 KI IO	00.0103	02/20/2066	0.00
GNR 2015-H24 HI IO	02.0945	09/20/2065	0.00
3.774 R ISWP SOFR P 10/28/2032			0.00
GNR 2010-35 QI IO	04.5000	03/20/2040	0.00
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 MS			0.00
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CG			0.00
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CG			0.00
WFRBS 2011-C3 E 144A 05.0000 03/15/2044			0.00
3.5675 R ISWP SOFR P 10/11/2032			0.00
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 MS			0.00

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CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 GS	0.00
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 GS	0.00
4.4465 R ISWP SOFR P 11/01/2024	0.00
FHR 4206 IP IO 03.0000 12/15/2041	0.00
3.7375 R ISWP SOFR P 10/04/2027	0.00
4.4905 R ISWP SOFR P 10/28/2024	0.00
3.48 R ISWP FWD NOKOIB6M P 12/21/2032	0.00
FNR 2013-35 PI IO 03.0000 02/25/2042	0.00
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 CG	0.00
GNR 2013-129 SN IO 02.6609 09/20/2043	0.00
GNR 2013-79 XI IO 03.5000 11/20/2039	0.00
GNR 2015-99 LI IO 04.0000 07/20/2045	0.00
CMB CMBX.NA.BB.8 2057-10-17 500.0 10/17/2057 CS	0.00
CMB CMBX.NA.BB.8 2057-10-17 500.0 10/17/2057 CG	0.00
FNR 2012-136 PI IO 03.5000 11/25/2042	0.00
GNR 2013-100 MI IO 03.5000 02/20/2043	0.00
3.372 R ISWP SOFR P 10/24/2052	0.00
2.01 R ISWP FWD SARON P 12/21/2032	0.00
3.69 R ISWP FWD CDOR03 P 12/21/2032	0.00
FNR 2013-31 NI IO 03.0000 06/25/2041	0.00
GNR 2011-116 IB IO 05.0000 10/20/2040	0.00
GLOW ENERGY PCL - FOREIGN SEDOL B074GX9	0.00
UBSBB 2012-C2 F 144A 05.0000 05/10/2063	0.00
4.21 R ISWP FWD AUDBB6M P 12/21/2032	-0.00
3.389 R ISWP SOFR P 11/01/2052	-0.00
4.425 R ISWP FWD CDOR03 P 12/21/2024	-0.00
3.34 R ISWP FWD SONIA P 12/21/2032	-0.00
3.6865 R ISWP SOFR P 09/30/2027	-0.00
3.6845 R ISWP SOFR P 09/30/2027	-0.00
3.5695 R ISWP SOFR P 10/25/2052	-0.00
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.01
EBIX US P SOFR R 07/05/24 CI	-0.01
2.624 R ISWP FWD EUR006M P 12/21/2032	-0.01
3.885 R ISWP FWD SOFR P 10/31/2032	-0.01
CMB CMBX.NA.BB.7 2047-01-17 500.0 01/17/2047 CG	-0.01
5.34 R ISWP FWD SONIA P 12/21/2024	-0.01
2.9857 R ISWP SOFR P 10/06/2052	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.01
4.20 R ISWP FWD SOFR P 12/21/2024	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.02
BYND US P SOFRRATE R 12/15/25 GS	-0.02
4.175 R ISWP FWD NFIX3MID P 12/21/2032	-0.02
CMB CMBX.NA.BB.6 2063-05-11 500.0 05/11/2063 CG	-0.02
ZYXI US P SOFR R 07/05/24 CI	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 BC	-0.02

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BGS US P SOFR R 07/05/24 CI	-0.02
CTLT US P SOFR R 07/05/24 CI	-0.02
FND US P SOFR R 07/05/24 CI	-0.02
FIGS US P SOFR R 07/05/24 CI	-0.02
OMCL US P SOFR R 07/05/24 CI	-0.02
WDFC US P SOFR R 07/05/24 CI	-0.02
GOOS US P SOFR R 07/05/24 CI	-0.02
AVAV US P SOFR R 07/05/24 CI	-0.03
SHLS US P SOFR R 07/05/24 CI	-0.03
HAYW US P SOFR R 07/05/24 CI	-0.03
NWL US P SOFR R 07/05/24 CI	-0.03
LC US P SOFR R 07/05/24 CI	-0.03
MRCY US P SOFR R 07/05/24 CI	-0.03
BIGC US P SOFR R 07/05/24 CI	-0.04
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.04
BL US P SOFR R 07/05/24 CI	-0.04
FFIV US P SOFR R 07/05/24 CI	-0.04
KRNT US P SOFR R 07/05/24 CI	-0.04
NCNO US P SOFR R 07/05/24 CI	-0.04
BANF US P SOFR R 07/05/24 CI	-0.04
BE US P SOFR RATE R 12/15/25 GS	-0.05
FRPT US P SOFR R 07/05/24 CI	-0.05
LUMN US P SOFR R 07/05/24 CI	-0.05
APPS US P SOFR R 07/05/24 CI	-0.06
HCSG US P SOFR R 07/05/24 CI	-0.07
W US P SOFR R 07/05/24 CI	-0.07
WHR US P SOFR R 07/05/24 CI	-0.07
OLED US P SOFR R 07/05/24 CI	-0.07
BHC US P SOFR R 07/05/24 CI	-0.07
SANM US P SOFR R 07/05/24 CI	-0.08
SKIN US P SOFR R 07/05/24 CI	-0.08
YETI US P SOFR R 07/05/24 CI	-0.08
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.08
SYNH US P SOFR R 07/05/24 CI	-0.08
ALGN US P SOFR R 07/05/24 CI	-0.09
3.00 R ISWP FWD SOFR P 12/21/2052	-0.09
AKAM US P SOFR R 07/05/24 CI	-0.10
ENR US P SOFR R 07/05/24 CI	-0.10
3.265 R ISWP FWD SOFR P 12/21/2032	-0.10
PINC US P SOFR R 07/05/24 CI	-0.12
AAP US P SOFR R 07/05/24 CI	-0.12
MTSI US P SOFR R 07/05/24 CI	-0.13
ROCK US P SOFR R 07/05/24 CI	-0.14
PODD US P SOFR R 07/05/24 CI	-0.16
PEN US P SOFR R 07/05/24 CI	-0.18

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TSLA US P SOFR R 07/05/24 CI	-0.22
RL US P SOFR R 07/05/24 CI	-0.24
ARRY US P SOFR R 07/05/24 CI	-0.25
LHX US P SOFR R 07/05/24 CI	-0.32
FNMA FN30 TBA UMBS 02.0000 11/01/2052	-2.85
FNMA FN30 TBA UMBS 02.5000 11/01/2052	-2.97
S&P500 EMINI FUT DEC22 ESZ2	-3.52
US 2YR NOTE (CBT) DEC22 TUZ2	-7.40
NDUEEGF P SOFR R 10/27/23 CI	-7.91
GSGLPWDS P SOFR R 12/15/25 GS	-21.49
RU10INTR P SOFR R 10/20/23 BA	-24.18
SPTR P SOFR R 05/22/23 UB	-32.78

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UBSPUSER R SOFR P 05/22/23 UB	35.93
REPO TRIPA MORTG 3.05 10/03/2022	28.88
US 10YR NOTE (CBT)DEC22 TYZ2	25.49
GSGLPWDL R SOFR P 12/15/25 GS	24.90
MLFCF15 R SOFR P 09/20/23 BA	21.75
BEFSBAXD R 0.1 P 05/26/23 BC	8.97
FNMA FN30 TBA UMBS 05.0000 10/01/2052	8.35
FNMA FN30 TBA UMBS 04.5000 10/01/2052	4.08
JPCMPTFL R SOFR P 07/21/23 JP	3.99
GSVIUS85 R 0.45 P 12/15/25 GS	3.18
ENERGY SELECT SECTOR SPDR SEDOL 2402466	2.72
GSVIVV69 R 0.3 P 12/15/25 GS	2.68
CITI COMMOD F3-F0 4X LEVERED INDEX	1.89
BAML COMMODITY MLBX4SX6 ER STRATEGY	1.64
CONSUMER STAPLES SPDR SEDOL 2369389	1.38
UTILITIES SELECT SECTOR SPDR SEDOL 2371812	1.36
TREASURY BILL 00.0000 11/08/2022	1.28
SP GSCI LIGHT ENERGY	1.28
REAL ESTATE SELECT SECT SPDR SEDOL BYZ65Y9	1.26
MATERIALS SELECT SECTOR SPDR SEDOL 2436841	1.24
GSVIVVOL R 0.3 P 12/15/25 GS	1.15
GSVICUB3 R 0.45 P 12/15/25 GS	0.94
CITI CROSS-ASSET TREND 10% VOL INDEX	0.85
S&P GSCI ER INDEX	0.66
TAIWAN SEMICONDUCTOR-SP ADR SEDOL 2113382	0.58
TREASURY BILL 00.0000 11/15/2022	0.43
SAMSUNG ELECTRONICS CO LTD SEDOL 6771720	0.40
ALIBABA GROUP HOLDING LTD SEDOL BK6YZP5	0.39
REPUBLICA ORIENT URUGUAY USD 04.3750 10/27/2027	0.30
CAS 2016-C02 1B 15.3340 09/25/2028	0.29
VALE SA-SP ADR SEDOL 2857334	0.25

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INFOSYS LTD	SEDOL 6205122	0.23
TENCENT HOLDINGS LTD	SEDOL BMMV2K8	0.22
TATA CONSULTANCY SVS LTD	SEDOL B01NPJ1	0.21
JD.COM INC - CL A	SEDOL BKPQZT6	0.20
HON HAI PRECISION INDUSTRY	SEDOL 6438564	0.19
ASIAN PAINTS LTD	SEDOL BCRWL65	0.18
HAIER SMART HOME CO LTD-H	SEDOL BLD4QD0	0.18
NETEASE INC	SEDOL BM93SF4	0.18
EMBOTELLADORAS ARCA SA-NOM	SEDOL 2823885	0.17
ITAUSA SA	SEDOL 2458771	0.17
PAGE INDUSTRIES LTD	SEDOL B1VJS64	0.17
BANK OF JIANGSU CO 144A/REGS WARRANT 11/28/2023		0.17
ASTRA INTERNATIONAL TBK PT	SEDOL B800MQ5	0.17
CHINA SHENHUA ENERGY CO-H	SEDOL B09N7M0	0.17
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 JP		0.16
AGRICULTURAL BANK OF CHINA-H	SEDOL B60LZR6	0.16
INNER MONGOLIA ERODS RESOU-B	SEDOL 6460200	0.16
KIA CORP	SEDOL 6490928	0.16
CSPC PHARMACEUTICAL GROUP LT	SEDOL 6191997	0.16
CPFL ENERGIA SA	SEDOL B031NN3	0.16
KOC HLDG	SEDOL B03MVJ8	0.15
CTBC FINANCIAL HOLDING CO LT	SEDOL 6527666	0.15
HONG LEONG BANK BERHAD	SEDOL 6436892	0.15
BANCO BRADESCO SA-PREF	SEDOL B00FM53	0.15
SUN PHARMA INDUS	SEDOL 6582483	0.15
HYUNDAI GLOVIS CO LTD	SEDOL B0V3XR5	0.15
CENCOSUD SA	SEDOL B00R3L2	0.14
SIPCHEM AB R SOFR P 06/20/23 BA		0.14
ENN NATURAL GAS CO 144A/REGS WARRANT 09/22/2023		0.14
KB FINANCIAL GROUP INC	SEDOL B3DF0Y6	0.14
LENOVO GROUP LTD	SEDOL 6218089	0.14
INDO TAMBANGRAYA MEGAH TBK P	SEDOL B29SK75	0.13
BAIDU INC-CLASS A	SEDOL B0J2D41	0.13
LG INNOTEK CO LTD	SEDOL B39Z8G8	0.13
UNITED MEXICAN STATES	USD 05.5500 01/21/2045	0.13
HANA FINANCIAL GROUP	SEDOL B0RNR5	0.13
SHENZHEN MINDRAY BIO-MEDICAL ELEC CO 144A/REGS WARRANT 12/07		0.13
CHONGQING ZHIFEI BIOLOGICA-A 144A/REGS WARRANT 06/30/2023		0.13
CHINA DEVELOPMENT FINANCIAL	SEDOL 6431756	0.12
GNR 2020-173 MI IO	02.5000 11/20/2050	0.11
ZHONGSHENG GROUP HOLDINGS	SEDOL B633D97	0.11
SCRT 2019-4 M	04.5000 02/25/2059	0.11
FHR 5082 IQ IO	03.0000 03/25/2051	0.11
CHINA INTL CAPITA-H	SEDOL BZ169C6	0.10
EVERGREEN MARINE CORP LTD	SEDOL 6324500	0.10

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UNITED TRACTORS TBK PT	SEDOL 6230845	0.09
SHRP 2020-1 NOTE	03.0253 07/25/2024	0.09
PETROBRAS GLOBAL FINANCE	USD 06.2500 03/17/2024	0.09
PETROLEOS MEXICANOS	USD 06.7000 02/16/2032	0.09
CAS 2022-R02 2M2	05.2807 01/25/2042	0.09
GNR 2018-153 AI IO	04.5000 09/16/2045	0.09
BANCO DE CHILE	SEDOL 2100845	0.08
VEDANTA LTD	SEDOL 6136040	0.08
ENBRIDGE INC	USD 04.2500 12/01/2026	0.08
COROMANDEL INTERNATIONAL LTD	SEDOL B0VDZN5	0.08
GSMS 2014-GC24 D	144A 04.6651 09/10/2047	0.08
SWPTN SOFR 3MX10Y P 2.795	USD 10/20/2022 CI	0.08
CMB CMBX.NA.BBB-.6	2063-05-11 300.0 05/11/2063 CG	0.08
CATHAY FINANCIAL HOLDING CO	SEDOL 6425663	0.08
FNR 2020-47 ID IO	04.0000 07/25/2050	0.07
MARUTI SUZUKI INDIA LTD	SEDOL 6633712	0.07
CMLTI 2007-AR5 1A1A	03.0269 04/25/2037	0.07
COSCO SHIPPING HOLDINGS CO-H	SEDOL B0B8Z18	0.07
ANGLO AMERICAN PLATINUM LTD	SEDOL 6761000	0.07
GNR 2014-184 DI IO	05.5000 12/16/2044	0.07
SPST 2022-3 A1	04.3136 05/29/2023	0.06
CMB CMBX.NA.BB.7	2047-01-17 500.0 01/17/2047 GS	0.06
FHR 4964 IA IO	04.5000 03/25/2050	0.06
FNR 2015-30 IO IO	05.5000 05/25/2045	0.06
SCHAEFFLER INDIA LTD	SEDOL BPG9V35	0.06
EEC AB R SOFR P 06/20/23	BA	0.06
HELLENIC TELECOMMUN ORGANIZA	SEDOL 5051605	0.06
JPMBB 2013-C14 E	144A 04.6993 08/15/2046	0.05
CHINA MINSHENG BANKING COR-H	SEDOL B57JY24	0.05
UNITED MICROELECTRONICS CORP	SEDOL 6916628	0.05
SHAANXI COAL INDUSTRY	144A/REGS WARRANT 08/21/2023	0.05
CMB CMBX.NA.BB.9	2058-09-17 500.0 09/17/2058 CG	0.05
FNR 2017-74 SA IO	02.6660 10/25/2047	0.05
CHEIL WORLDWIDE INC	SEDOL 6093231	0.05
MULTICHOICE GROUP LTD	SEDOL BHZSKR4	0.05
WALMART DE MEXICO SAB DE CV	SEDOL BW1YVH8	0.05
CAS 2017-C02 2B1	08.5840 09/25/2029	0.05
GNR 2020-33 SA IO	03.0861 03/20/2050	0.04
INNER MONGOLIA YUAN XING-A	144A/REGS WARRANT 06/30/2023	0.04
2.624 R ISWP FWD EUR006M P	12/21/2032	0.04
GNR 2016-H02 BI IO	00.2391 11/20/2065	0.04
CAS 2020-R01 1B1	06.3340 01/25/2040	0.04
HAITIAN INTERNATIONAL HLDGS	SEDOL B1L2RC2	0.04
CHINA CONSTRUCTION BANK-H	SEDOL B0LMTQ3	0.04
GNR 2016-150 I IO	05.0000 11/20/2046	0.04

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CIPLA LTD	SEDOL B011108	0.04
WAMU 2004-AR12 A2B	04.0040 10/25/2044	0.04
NORTHAM PLATINUM HOLDINGS LT	SEDOL BMZ1NS0	0.04
CAS 2015-C04 1M2	08.7840 04/25/2028	0.04
GNR 2015-H15 JI IO	01.8121 06/20/2065	0.04
FNR 2017-32 IP IO	04.5000 05/25/2047	0.04
BANCO BTG PACTUAL SA-UNIT	SEDOL BZBZVC7	0.04
TADAWULG AB R SOFR P 06/20/23 BA		0.04
HYUNDAI MARINE	SEDOL B01LXY6	0.03
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 MS		0.03
STACR 2020-HQA2 M2	06.1840 03/25/2050	0.03
JPMCC 2006-LDP9 AMS	05.3370 05/15/2047	0.03
FERTIGLOBE PLC	SEDOL BMXCL70	0.03
GRUPO BIMBO SAB- SERIES A	SEDOL 2392471	0.03
GNR 2010-125 SD IO	03.7409 01/16/2040	0.03
CHINA YONGDA AUTOMOBILES SER	SEDOL B8F2T65	0.03
GNR 2015-H25 AI IO	01.4469 09/20/2065	0.03
AMBEV SA	SEDOL BG7ZWY7	0.03
GNR 2015-53 MI IO	04.0000 04/16/2045	0.03
KT CORP	SEDOL 6505316	0.03
TISCO FINANCIAL-FOREIGN	SEDOL B3KFW76	0.03
RJHI AB R SOFRRATE P 06/20/23 BA		0.02
COCA-COLA ICECEK AS	SEDOL B058ZV4	0.02
GNR 2015-80 IA IO	04.5000 06/20/2045	0.02
1.285 R ISWP SOFRRATE P 12/23/2031		0.02
GNR 2015-H25 BI IO	00.5917 10/20/2065	0.02
GNR 2015-H20 CI IO	02.1226 08/20/2065	0.02
FNR 2017-8 SB IO	03.0160 02/25/2047	0.02
FNR 2016-88 SK IO	02.9160 12/25/2046	0.02
GNR 2018-H05 AI IO	01.7957 02/20/2068	0.02
FNR 2017-108 SA IO	03.0660 01/25/2048	0.02
CMB CMBX.NA.BB.6 2063-05-11 500.0 05/11/2063 CS		0.02
INDOFOOD SUKSES MAKMUR TBK P	SEDOL 6283979	0.02
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 CS		0.02
GNR 2015-167 BI IO	04.5000 04/16/2045	0.02
GNR 2015-H10 CI IO	01.6517 04/20/2065	0.02
GNR 2015-H19 NI IO	01.7426 07/20/2065	0.02
GNR 2015-187 JI IO	04.0000 03/20/2045	0.02
SHIN KONG FINANCIAL HOLDING	SEDOL 6452586	0.02
FNR 2016-3 NI IO	06.0000 02/25/2046	0.02
GNR 2014-146 EI IO	05.0000 10/20/2044	0.02
FNR 2020-16 SG IO	02.9660 03/25/2050	0.02
2.925 R ISWP FWD SES3M P 12/21/2032		0.02
GNR 2010-9 UI IO	05.0000 01/20/2040	0.02
GNR 2015-H09 BI IO	01.5054 03/20/2065	0.02

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GNR 2015-105 LI IO	05.0000	10/20/2039	0.02
GNR 2018-91 SJ IO	03.2361	07/20/2048	0.02
3.40 R ISWP FWD SOFR P 12/21/2032			0.02
GNR 2014-H21 AI IO	00.2033	10/20/2064	0.02
CWHL 2005-3 1A1	03.7040	04/25/2035	0.02
BANGKOK DUSIT MED SERVICE-F SEDOL BLZGSM7			0.02
GNR 2017-H06 BI IO	02.3618	02/20/2067	0.02
FNR 2013-130 SD IO	03.5160	01/25/2044	0.01
GNR 2009-121 UI IO	05.0000	12/20/2039	0.01
FNR 2016-65 CS IO	03.0160	09/25/2046	0.01
GNR 2010-20 UI IO	05.0000	02/20/2040	0.01
GNR 2013-20 QI IO	04.5000	12/16/2042	0.01
GNR 2017-H02 BI IO	02.4321	01/20/2067	0.01
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 ML			0.01
GNR 2015-H09 AI IO	00.3343	04/20/2065	0.01
GNR 2018-127 ID IO	05.0000	07/20/2045	0.01
FHR 4752 PS IO	03.3823	11/15/2047	0.01
GNR 2018-104 SD IO	03.1861	08/20/2048	0.01
GNR 2015-H16 XI IO	02.1147	07/20/2065	0.01
GNR 2013-6 AI IO	03.5000	08/20/2039	0.01
PING AN INSURANCE GROUP CO-H SEDOL B01FLR7			0.01
GNR 2019-121 DS IO	03.0861	08/20/2049	0.01
GNR 2016-H16 DI IO	01.4246	06/20/2066	0.01
GNR 2016-H03 AI IO	00.1255	01/20/2066	0.01
GNR 2014-163 NI IO	05.0000	02/20/2044	0.01
FNR 2012-151 PI IO	03.0000	01/25/2043	0.01
FHR 4801 IG IO	03.0000	06/15/2048	0.01
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 CG			0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 ML			0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CS			0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CS			0.01
GNR 2015-24 IA IO	03.5000	02/20/2045	0.01
EVR LN R SOFR P 12/15/25 GS			0.01
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 MS			0.01
GNR 2011-17 S IO	03.0361	02/20/2041	0.01
FIRSTRAND LTD SEDOL 6606996			0.01
FHR 4193 PI IO	04.0000	03/15/2043	0.01
4.21 R ISWP FWD AUDBB6M P 12/21/2032			0.01
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 ML			0.01
FHR 4206 IP IO	03.0000	12/15/2041	0.01
GNR 2015-H24 HI IO	02.0919	09/20/2065	0.01
GNR 2016-75 EI IO	03.5000	08/20/2045	0.01
GNR 2013-24 PI IO	04.0000	11/20/2042	0.01
INTL CONTAINER TERM SVCS INC SEDOL 6455819			0.01
GNR 2016-H04 KI IO	00.0428	02/20/2066	0.00

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WFRBS 2011-C3 E	144A 05.0000 03/15/2044	0.00
GNR 2010-35 QI IO	04.5000 03/20/2040	0.00
CMB CMBX.NA.BB.10 2059-11-17	500.0 11/17/2059 CG	0.00
CMB CMBX.NA.BB.10 2059-11-17	500.0 11/17/2059 MS	0.00
CMB CMBX.NA.BB.10 2059-11-17	500.0 11/17/2059 CG	0.00
CMB CMBX.NA.BB.9 2058-09-17	500.0 09/17/2058 GS	0.00
CMB CMBX.NA.BB.9 2058-09-17	500.0 09/17/2058 GS	0.00
CMB CMBX.NA.BB.9 2058-09-17	500.0 09/17/2058 MS	0.00
2.3075 R ISWP FWD US0003M P	06/22/2052	0.00
1.285 R ISWP SOFRRATE P	12/24/2031	0.00
GNR 2013-129 SN IO	03.1361 09/20/2043	0.00
FNR 2013-35 PI IO	03.0000 02/25/2042	0.00
CMB CMBX.NA.BB.11 2054-11-18	500.0 11/18/2054 CG	0.00
SWPTN 10YX20Y P 1.275 USD	03/05/2030 BA	0.00
3.48 R ISWP FWD NOKOIB6M P	12/21/2032	0.00
GNR 2013-79 XI IO	03.5000 11/20/2039	0.00
GNR 2015-99 LI IO	04.0000 07/20/2045	0.00
CMB CMBX.NA.BB.8 2057-10-17	500.0 10/17/2057 CS	0.00
CMB CMBX.NA.BB.8 2057-10-17	500.0 10/17/2057 CG	0.00
FNR 2012-136 PI IO	03.5000 11/25/2042	0.00
GNR 2013-100 MI IO	03.5000 02/20/2043	0.00
3.80 R ISWP FWD SOFR P	12/21/2027	0.00
FNR 2013-31 NI IO	03.0000 06/25/2041	0.00
SWPTN 10YX20Y P 2.8175 USD	03/23/2027 GS	0.00
3.0575 R ISWP SOFR P	09/29/2052	0.00
GNR 2011-116 IB IO	05.0000 10/20/2040	0.00
3.0605 R ISWP SOFR P	09/29/2052	0.00
WFRBS 2012-C7 F	144A 04.5000 06/15/2045	0.00
GLOW ENERGY PCL - FOREIGN	SEDOL B074GX9	0.00
UBSBB 2012-C2 F	144A 05.0000 05/10/2063	0.00
SWPTN 10YX20Y R 2.8175 USD	03/23/2027 GS	-0.00
3.69 R ISWP FWD CDOR03 P	12/21/2032	-0.00
SWPTN 10YX20Y R 1.275 USD	03/05/2030 BA	-0.00
CMB CMBX.NA.A.6 2063-05-11	200.0 05/11/2063 GS	-0.00
3.6865 R ISWP SOFR P	09/30/2027	-0.00
3.6845 R ISWP SOFR P	09/30/2027	-0.00
4.20 R ISWP FWD SOFR P	12/21/2024	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11	300.0 05/11/2063 GS	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11	300.0 05/11/2063 GS	-0.00
CMB CMBX.NA.A.6 2063-05-11	200.0 05/11/2063 GS	-0.00
1.096 R ISWP SOFRRATE P	12/24/2026	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11	300.0 05/11/2063 GS	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11	300.0 05/11/2063 GS	-0.00
2.01 R ISWP FWD SARON P	12/21/2032	-0.01
CMB CMBX.NA.A.6 2063-05-11	200.0 05/11/2063 GS	-0.01

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CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.01
3.449 R ISWP SOFR P 09/26/2032	-0.01
1.435 R ISWP SOFRRATE P 12/24/2051	-0.01
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 CS	-0.01
EBIX US P SOFR R 07/05/24 CI	-0.01
1.86 R ISWP FWD SOFR P 02/24/2052	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BB.7 2047-01-17 500.0 01/17/2047 CG	-0.01
3.00 R ISWP FWD SOFR P 12/21/2052	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.01
BYND US P SOFRRATE R 12/15/25 GS	-0.02
215600 KS P SOFRRATE R 12/15/25 GS	-0.02
ZYXI US P SOFR R 07/05/24 CI	-0.02
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.02
4.175 R ISWP FWD NFIX3MID P 12/21/2032	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 BC	-0.02
CMB CMBX.NA.BB.6 2063-05-11 500.0 05/11/2063 CG	-0.02
BGS US P SOFR R 07/05/24 CI	-0.02
3.34 R ISWP FWD SONIA P 12/21/2032	-0.03
WDFC US P SOFR R 07/05/24 CI	-0.03
MRCY US P SOFR R 07/05/24 CI	-0.03
NWL US P SOFR R 07/05/24 CI	-0.03
SWPTN SOFR 3MX10Y R 2.795 USD 10/20/2022 CI	-0.04
LC US P SOFR R 07/05/24 CI	-0.04
PLTR US P SOFR R 07/05/24 CI	-0.04
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.04
BIGC US P SOFR R 07/05/24 CI	-0.04
FFIV US P SOFR R 07/05/24 CI	-0.05
BANF US P SOFR R 07/05/24 CI	-0.05
BL US P SOFR R 07/05/24 CI	-0.05
KRNT US P SOFR R 07/05/24 CI	-0.05
3.265 R ISWP FWD SOFR P 12/21/2032	-0.05
FRPT US P SOFR R 07/05/24 CI	-0.05
NCNO US P SOFR R 07/05/24 CI	-0.05
BE US P SOFRRATE R 12/15/25 GS	-0.06
LUMN US P SOFR R 07/05/24 CI	-0.06
IRBT US P SOFR R 07/05/24 CI	-0.07

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HCSG US P SOFR R 07/05/24 CI	-0.07
W US P SOFR R 07/05/24 CI	-0.07
DOCS US P SOFR R 07/05/24 CI	-0.07
SANM US P SOFR R 07/05/24 CI	-0.07
APPS US P SOFR R 07/05/24 CI	-0.07
YETI US P SOFR R 07/05/24 CI	-0.08
WHR US P SOFR R 07/05/24 CI	-0.08
OLED US P SOFR R 07/05/24 CI	-0.09
SGFY US P SOFR R 07/05/24 CI	-0.09
SYNH US P SOFR R 07/05/24 CI	-0.09
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.09
BHC US P SOFR R 07/05/24 CI	-0.09
SKIN US P SOFR R 07/05/24 CI	-0.10
ENR US P SOFR R 07/05/24 CI	-0.10
AKAM US P SOFR R 07/05/24 CI	-0.10
ALGN US P SOFR R 07/05/24 CI	-0.11
AAP US P SOFR R 07/05/24 CI	-0.12
ROCK US P SOFR R 07/05/24 CI	-0.13
MTSI US P SOFR R 07/05/24 CI	-0.13
PINC US P SOFR R 07/05/24 CI	-0.14
PODD US P SOFR R 07/05/24 CI	-0.17
PEN US P SOFR R 07/05/24 CI	-0.24
RL US P SOFR R 07/05/24 CI	-0.26
ARRY US P SOFR R 07/05/24 CI	-0.27
TSLA US P SOFR R 07/05/24 CI	-0.31
LHX US P SOFR R 07/05/24 CI	-0.32
FNMA FN30 TBA UMBS 02.0000 10/01/2052	-3.47
FNMA FN30 TBA UMBS 02.5000 10/01/2052	-3.60
S&P500 EMINI FUT DEC22 ESZ2	-4.64
NDUEEGF P SOFRRATE R 11/02/22 UB	-4.78
NDUEEGF P SOFRRATE R 11/02/22 CS	-4.84
US 2YR NOTE (CBT) DEC22 TUZ2	-8.81
RU10INTR P SOFR R 09/20/23 BA	-21.64
GSGLPWDS P SOFR R 12/15/25 GS	-24.01
SPTR P SOFR R 05/22/23 UB	-35.92

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UBSPUSER R SOFR P 05/22/23 UB	31.75
REPO TRIPA MORTG 2.3 09/01/2022	29.17
US 10YR NOTE (CBT)DEC22 TYZ2	25.70
GSGLPWDL R SOFR P 12/15/25 GS	22.35
MLFCF15 R SOFR P 08/09/23 BA	19.76
FNMA FN30 TBA UMBS 05.0000 09/01/2052	8.22
BEFSBAXD R 0.1 P 05/26/23 BC	8.11
JPCMPTFL R SOFR P 07/21/23 JP	4.26

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FNMA FN30 TBA UMBS 04.5000 10/01/2052	4.04
GSVIUS85 R 0.45 P 12/15/25 GS	3.08
ENERGY SELECT SECTOR SPDR SEDOL 2402466	2.88
GSVIVV69 R 0.3 P 12/15/25 GS	2.50
TREASURY BILL 00.0000 09/15/2022	2.44
CITI COMMOD F3-F0 4X LEVERED INDEX	1.73
BAML COMMODITY MLBX4SX6 ER STRATEGY	1.51
UTILITIES SELECT SECTOR SPDR SEDOL 2371812	1.46
CONSUMER STAPLES SPDR SEDOL 2369389	1.43
SP GSCI LIGHT ENERGY	1.41
REAL ESTATE SELECT SECT SPDR SEDOL BYZ65Y9	1.39
MATERIALS SELECT SECTOR SPDR SEDOL 2436841	1.30
GSVIVVOL R 0.3 P 12/15/25 GS	1.04
GSVICUB3 R 0.45 P 12/15/25 GS	0.91
S&P GSCI ER INDEX	0.82
TREASURY BILL 00.0000 09/06/2022	0.81
CITI CROSS-ASSET TREND 10% VOL INDEX	0.70
TAIWAN SEMICONDUCTOR-SP ADR SEDOL 2113382	0.66
S&P GSCI	0.62
SAMSUNG ELECTRONICS CO LTD SEDOL 6771720	0.57
TREASURY BILL 00.0000 09/13/2022	0.41
ALIBABA GROUP HOLDING LTD SEDOL BK6YZP5	0.33
REPUBLICA ORIENT URUGUAY USD 04.3750 10/27/2027	0.29
CAS 2016-C02 1B 14.6937 09/25/2028	0.27
TENCENT HOLDINGS LTD SEDOL BMMV2K8	0.25
JD.COM INC - CL A SEDOL BKPQZT6	0.24
INFOSYS LTD SEDOL 6205122	0.23
TATA CONSULTANCY SVS LTD SEDOL B01NPJ1	0.22
VALE SA-SP ADR SEDOL 2857334	0.22
ASIAN PAINTS LTD SEDOL BCRWL65	0.21
ENN NATURAL GAS CO 144A/REGS WARRANT 09/22/2023	0.21
CHINA SHENHUA ENERGY CO-H SEDOL B09N7M0	0.19
PAGE INDUSTRIES LTD SEDOL B1VJS64	0.19
EMBOTELLADORAS ARCA SA-NOM SEDOL 2823885	0.19
HAIER SMART HOME CO LTD-H SEDOL BLD4QD0	0.19
KIA CORP SEDOL 6490928	0.19
BANK OF JIANGSU CO LTD 144A/REGS WARRANT 09/28/2022	0.18
HONG LEONG BANK BERHAD SEDOL 6436892	0.18
CTBC FINANCIAL HOLDING CO LT SEDOL 6527666	0.17
CSPC PHARMACEUTICAL GROUP LT SEDOL 6191997	0.17
AGRICULTURAL BANK OF CHINA-H SEDOL B60LZR6	0.17
ITAUSA SA SEDOL 2458771	0.17
SIPCHEM AB R SOFR P 06/20/23 BA	0.17
CENCOSUD SA SEDOL B00R3L2	0.16
CPFL ENERGIA SA SEDOL B031NN3	0.16

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KB FINANCIAL GROUP INC	SEDOL B3DF0Y6	0.16
PING AN INSURANCE GROUP CO-H	SEDOL B01FLR7	0.16
LENOVO GROUP LTD	SEDOL 6218089	0.15
CMB CMBX.NA.BBB-.7 2047-01-17	300.0 01/17/2047 JP	0.15
ASTRA INTERNATIONAL TBK PT	SEDOL B800MQ5	0.15
KOC HLDG	SEDOL B03MVJ8	0.14
ADVANCED INFO SERVICE-FOR RG	SEDOL 6412591	0.14
HANA FINANCIAL GROUP	SEDOL B0RNRF5	0.14
BANCO BRADESCO SA-PREF	SEDOL B00FM53	0.14
SUN PHARMA INDUS	SEDOL 6582483	0.13
CHONGQING ZHIFEI BIOLOGICA-A 144A/REGS	WARRANT 06/30/2023	0.13
UNITED MEXICAN STATES	USD 05.5500 01/21/2045	0.13
WANT WANT CHINA HOLDINGS LTD	SEDOL B2Q14Z3	0.13
CHINA DEVELOPMENT FINANCIAL	SEDOL 6431756	0.13
LG INNOTEK CO LTD	SEDOL B39Z8G8	0.13
ZHONGSHENG GROUP HOLDINGS	SEDOL B633D97	0.12
SHENZHEN MINDRAY BIO-MEDICAL ELEC CO	144A/REGS WARRANT 12/07	0.12
INDO TAMBANGRAYA MEGAH TBK P	SEDOL B29SK75	0.12
CHINA INTL CAPITA-H	SEDOL BZ169C6	0.12
EVERGREEN MARINE CORP LTD	SEDOL 6324500	0.12
KUAISHOU TECHNOLOGY	SEDOL BLC90T0	0.12
VEDANTA LTD	SEDOL 6136040	0.12
SOUTHERN COPPER CORP	SEDOL 2823777	0.11
SAMSUNG ELECTRO-MECHANICS CO	SEDOL 6771689	0.11
SCRT 2019-4 M	04.5000 02/25/2059	0.11
NOVATEK MICROELECTRONICS COR	SEDOL 6346333	0.10
GNR 2020-173 MI IO	02.5000 11/20/2050	0.10
SHRP 2020-1 NOTE	03.0253 07/25/2024	0.10
FHR 5082 IQ IO	03.0000 03/25/2051	0.10
PETROLEOS MEXICANOS	USD 06.7000 02/16/2032	0.10
CATHAY FINANCIAL HOLDING CO	SEDOL 6425663	0.09
PETROBRAS GLOBAL FINANCE	USD 06.2500 03/17/2024	0.09
CAS 2022-R02 2M2	05.1832 01/25/2042	0.09
TURKCELL ILETISI	SEDOL B03MYN3	0.09
SUN TV NETWORK LTD	SEDOL B128WL3	0.08
COSCO SHIPPING HOLDINGS CO-H	SEDOL B0B8Z18	0.08
ENBRIDGE INC	USD 04.2500 12/01/2026	0.08
HAITIAN INTERNATIONAL HLDGS	SEDOL B1L2RC2	0.08
GNR 2018-153 AI IO	04.5000 09/16/2045	0.08
GSMS 2014-GC24 D	144A 04.6651 09/10/2047	0.08
CMB CMBX.NA.BBB-.6 2063-05-11	300.0 05/11/2063 CG	0.08
MARUTI SUZUKI INDIA LTD	SEDOL 6633712	0.07
3.10 R ISWP FWD SOFR P	09/21/2052	0.07
CMLTI 2007-AR5 1A1A	03.0008 04/25/2037	0.07
FNR 2020-47 ID IO	04.0000 07/25/2050	0.06

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GNR 2014-184 DI IO	05.5000 12/16/2044	0.06
ANGLO AMERICAN PLATINUM LTD	SEDOL 6761000	0.06
SPST 2022-3 A1	03.6217 05/29/2023	0.06
CHINA YONGDA AUTOMOBILES SER	SEDOL B8F2T65	0.06
UNITED MICROELECTRONICS CORP	SEDOL 6916628	0.06
FNR 2017-74 SA IO	03.3063 10/25/2047	0.06
FNR 2015-30 IO IO	05.5000 05/25/2045	0.06
HELLENIC TELECOMMUN ORGANIZA	SEDOL 5051605	0.06
CHINA MINSHENG BANKING COR-H	SEDOL B57JY24	0.06
CMB CMBX.NA.BB.7 2047-01-17	500.0 01/17/2047 GS	0.06
FHR 4964 IA IO	04.5000 03/25/2050	0.06
EEC AB R SOFR P 06/20/23 BA		0.06
CHINA FEIHE LTD	SEDOL BK0SBL1	0.05
JPMBB 2013-C14 E	144A 04.6993 08/15/2046	0.05
SHAANXI COAL INDUSTRY 144A/REGS	WARRANT 08/21/2023	0.05
INNER MONGOLIA YUAN XING-A 144A/REGS	WARRANT 06/30/2023	0.05
CHEIL WORLDWIDE INC	SEDOL 6093231	0.05
GNR 2020-33 SA IO	03.7319 03/20/2050	0.05
MULTICHOICE GROUP LTD	SEDOL BHZSKR4	0.05
CAS 2017-C02 2B1	07.9437 09/25/2029	0.04
LG ELECTRONICS INC	SEDOL 6520739	0.04
CMB CMBX.NA.BB.9 2058-09-17	500.0 09/17/2058 CG	0.04
WALMART DE MEXICO SAB DE CV	SEDOL BW1YVH8	0.04
CHINA CONSTRUCTION BANK-H	SEDOL B0LMTQ3	0.04
GNR 2016-H02 BI IO	00.6983 11/20/2065	0.04
CAS 2020-R01 1B1	05.6937 01/25/2040	0.04
NORTHAM PLATINUM HOLDINGS LT	SEDOL BMZ1NS0	0.04
GNR 2015-H15 JI IO	01.9102 06/20/2065	0.04
WAMU 2004-AR12 A2B	03.3637 10/25/2044	0.04
CAS 2015-C04 1M2	08.1437 04/25/2028	0.04
TISCO FINANCIAL-FOREIGN	SEDOL B3KFW76	0.04
MARFRIG GLOBAL FOODS SA	SEDOL B1YWHR4	0.03
CIPLA LTD	SEDOL B011108	0.03
UNITED TRACTORS TBK PT	SEDOL 6230845	0.03
GNR 2016-150 I IO	05.0000 11/20/2046	0.03
GNR 2010-125 SD IO	04.2931 01/16/2040	0.03
FNR 2017-32 IP IO	04.5000 05/25/2047	0.03
STACR 2020-HQA2 M2	05.5437 03/25/2050	0.03
JPMCC 2006-LDP9 AMS	05.3370 05/15/2047	0.03
INTL CONTAINER TERM SVCS INC	SEDOL 6455819	0.03
CMB CMBX.NA.BBB-.7 2047-01-17	300.0 01/17/2047 MS	0.03
GNR 2015-H25 AI IO	01.5534 09/20/2065	0.03
COCA-COLA ICECEK AS	SEDOL B058ZV4	0.03
GRUPO BIMBO SAB- SERIES A	SEDOL 2392471	0.03
FNR 2017-8 SB IO	03.6563 02/25/2047	0.03

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FNR 2016-88 SK IO	03.5563 12/25/2046	0.03
KT CORP	SEDOL 6505316	0.03
GNR 2015-H25 BI IO	00.7529 10/20/2065	0.03
RJHI AB R SOFRRATE P 06/20/23 BA		0.03
GNR 2015-53 MI IO	04.0000 04/16/2045	0.03
AMBEV SA	SEDOL BG7ZWY7	0.03
FNR 2017-108 SA IO	03.7063 01/25/2048	0.02
GNR 2015-H20 CI IO	01.8533 08/20/2065	0.02
CMB CMBX.NA.BB.6 2063-05-11 500.0 05/11/2063 CS		0.02
INDOFOOD SUKSES MAKMUR TBK P	SEDOL 6283979	0.02
GNR 2015-80 IA IO	04.5000 06/20/2045	0.02
GNR 2018-H05 AI IO	01.7960 02/20/2068	0.02
FNR 2020-16 SG IO	03.6063 03/25/2050	0.02
SHIN KONG FINANCIAL HOLDING	SEDOL 6452586	0.02
ZHUZHOU KIBING GROUP 144A/REGS WARRANT 08/21/2023		0.02
GNR 2015-H19 NI IO	01.8485 07/20/2065	0.02
GNR 2015-H10 CI IO	01.7543 04/20/2065	0.02
GNR 2018-91 SJ IO	03.8819 07/20/2048	0.02
GNR 2015-167 BI IO	04.5000 04/16/2045	0.02
3.235 R ISWP FWD NOKOIB6M P 09/21/2032		0.02
GNR 2015-187 JI IO	04.0000 03/20/2045	0.02
GNR 2015-H09 BI IO	01.6117 03/20/2065	0.02
FNR 2016-3 NI IO	06.0000 02/25/2046	0.02
TECH MAHINDRA LTD	SEDOL BWFGD63	0.02
GNR 2014-H21 AI IO	00.4364 10/20/2064	0.02
GNR 2014-146 EI IO	05.0000 10/20/2044	0.02
GNR 2010-9 UI IO	05.0000 01/20/2040	0.02
GNR 2015-105 LI IO	05.0000 10/20/2039	0.02
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 CS		0.02
1.285 R ISWP SOFRRATE P 12/23/2031		0.02
CWHL 2005-3 1A1	03.0637 04/25/2035	0.02
YOUNGOR GROUP CO 144A/REGS WARRANT 08/21/2023		0.02
FNR 2013-130 SD IO	04.1563 01/25/2044	0.02
FNR 2016-65 CS IO	03.6563 09/25/2046	0.02
GNR 2017-H02 BI IO	02.4149 01/20/2067	0.02
GNR 2017-H06 BI IO	02.3367 02/20/2067	0.01
2.769 R ISWP FWD SOFR P 07/25/2032		0.01
2.7745 R ISWP SOFR P 07/06/2024		0.01
GNR 2015-H09 AI IO	00.9994 04/20/2065	0.01
GNR 2018-104 SD IO	03.8319 08/20/2048	0.01
FHR 4752 PS IO	03.8090 11/15/2047	0.01
GNR 2009-121 UI IO	05.0000 12/20/2039	0.01
GNR 2013-20 QI IO	04.5000 12/16/2042	0.01
GNR 2019-121 DS IO	03.7319 08/20/2049	0.01
GNR 2010-20 UI IO	05.0000 02/20/2040	0.01

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GNR 2015-H16 XI IO	02.7764	07/20/2065	0.01
GNR 2013-6 AI IO	03.5000	08/20/2039	0.01
GNR 2018-127 ID IO	05.0000	07/20/2045	0.01
GNR 2016-H16 DI IO	01.4151	06/20/2066	0.01
CMB CMBX.NA.BB.9 2058-09-17	500.0	09/17/2058 ML	0.01
GNR 2016-H03 AI IO	00.7879	01/20/2066	0.01
GNR 2011-17 S IO	03.6819	02/20/2041	0.01
FNR 2012-151 PI IO	03.0000	01/25/2043	0.01
WFRBS 2011-C3 E	144A	05.0000 03/15/2044	0.01
GNR 2014-163 NI IO	05.0000	02/20/2044	0.01
2.845 R ISWP SOFR P		07/12/2027	0.01
GNR 2015-24 IA IO	03.5000	02/20/2045	0.01
FHR 4801 IG IO	03.0000	06/15/2048	0.01
EVR LN R SOFR P		12/15/25 GS	0.01
FHR 4193 PI IO	04.0000	03/15/2043	0.01
2.855 R ISWP SOFR P		07/12/2027	0.01
2.611 R ISWP SOFR P		07/07/2032	0.01
CMB CMBX.NA.BB.10 2059-11-17	500.0	11/17/2059 CS	0.01
CMB CMBX.NA.BB.10 2059-11-17	500.0	11/17/2059 CS	0.01
CMB CMBX.NA.BB.10 2059-11-17	500.0	11/17/2059 ML	0.01
SWPTN SOFR 3MX10Y P	2.795 USD	10/20/2022 CI	0.01
2.14 R ISWP FWD EUR006M P		09/21/2032	0.01
GNR 2015-H24 HI IO	02.0905	09/20/2065	0.01
2.4755 R ISWP SOFR P		08/05/2052	0.01
CMB CMBX.NA.BB.9 2058-09-17	500.0	09/17/2058 MS	0.01
2.4788 R ISWP SOFR P		08/05/2052	0.01
CMB CMBX.NA.BB.11 2054-11-18	500.0	11/18/2054 CG	0.01
2.7225 R ISWP SOFR P		07/14/2032	0.01
GNR 2016-75 EI IO	03.5000	08/20/2045	0.01
FHR 4206 IP IO	03.0000	12/15/2041	0.01
2.821 R ISWP SOFR P		08/19/2027	0.01
GNR 2013-24 PI IO	04.0000	11/20/2042	0.01
CMB CMBX.NA.BB.11 2054-11-18	500.0	11/18/2054 ML	0.01
GNR 2016-H04 KI IO	00.6898	02/20/2066	0.01
3.1095 R ISWP SOFR P		07/01/2024	0.01
2.6955 R ISWP SOFR P		08/10/2027	0.00
GNR 2010-35 QI IO	04.5000	03/20/2040	0.00
CMB CMBX.NA.BB.10 2059-11-17	500.0	11/17/2059 CG	0.00
CMB CMBX.NA.BB.10 2059-11-17	500.0	11/17/2059 CG	0.00
CMB CMBX.NA.BB.10 2059-11-17	500.0	11/17/2059 MS	0.00
GNR 2013-129 SN IO	03.7819	09/20/2043	0.00
CMB CMBX.NA.BB.9 2058-09-17	500.0	09/17/2058 GS	0.00
CMB CMBX.NA.BB.9 2058-09-17	500.0	09/17/2058 MS	0.00
CMB CMBX.NA.BB.9 2058-09-17	500.0	09/17/2058 GS	0.00
FNR 2013-35 PI IO	03.0000	02/25/2042	0.00

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2.6385 R ISWP SOFR P 08/22/2032	0.00
SWPTN 10YX20Y P 1.275 USD 03/05/2030 BA	0.00
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 CG	0.00
1.285 R ISWP SOFRRATE P 12/24/2031	0.00
4.07 R ISWP FWD AUDBB6M P 09/21/2032	0.00
2.3075 R ISWP FWD US0003M P 06/22/2052	0.00
GNR 2013-79 XI IO 03.5000 11/20/2039	0.00
4.15 R ISWP FWD NFIX3MID P 09/21/2032	0.00
GNR 2015-99 LI IO 04.0000 07/20/2045	0.00
CMB CMBX.NA.BB.8 2057-10-17 500.0 10/17/2057 CS	0.00
CMB CMBX.NA.BB.8 2057-10-17 500.0 10/17/2057 CG	0.00
FNR 2012-136 PI IO 03.5000 11/25/2042	0.00
GNR 2013-100 MI IO 03.5000 02/20/2043	0.00
2.81 R ISWP FWD SES3M P 09/21/2032	0.00
FNR 2013-31 NI IO 03.0000 06/25/2041	0.00
GNR 2011-116 IB IO 05.0000 10/20/2040	0.00
WFRBS 2012-C7 F 144A 04.5000 06/15/2045	0.00
GLOW ENERGY PCL - FOREIGN SEDOL B074GX9	0.00
UBSBB 2012-C2 F 144A 05.0000 05/10/2063	0.00
SWPTN 10YX20Y P 2.8175 USD 03/23/2027 GS	-0.00
SWPTN 10YX20Y R 2.8175 USD 03/23/2027 GS	-0.00
2.6985 R ISWP SOFR P 07/12/2052	-0.00
SWPTN 10YX20Y R 1.275 USD 03/05/2030 BA	-0.00
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.00
1.096 R ISWP SOFRRATE P 12/24/2026	-0.00
2.689 R ISWP SOFR P 07/12/2052	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.00
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.00
2.839 R ISWP SOFR P 07/21/2027	-0.00
3.40 R ISWP FWD SOFR P 09/21/2024	-0.00
1.64 R ISWP FWD SARON P 09/21/2032	-0.00
2.4855 R ISWP SOFR P 08/01/2032	-0.00
2.4795 R ISWP SOFR P 08/01/2032	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.00
2.4995 R ISWP SOFR P 08/09/2052	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
2.54572 R ISWP SOFR P 08/08/2027	-0.01
2.5435 R ISWP SOFR P 08/08/2027	-0.01
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.01
3.0495 R ISWP SOFR P 07/13/2024	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
2.596 R ISWP SOFR P 07/26/2032	-0.01

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1.435 R ISWP SOFRRATE P 12/24/2051	-0.01
2.797 R ISWP SOFR P 07/11/2027	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
2.4735 R ISWP SOFR P 08/03/2052	-0.01
1.86 R ISWP FWD SOFR P 02/24/2052	-0.01
2.433 R ISWP SOFR P 08/11/2052	-0.01
3.72 R ISWP FWD CDOR03 P 09/21/2032	-0.01
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 CS	-0.01
2.794 R ISWP SOFR P 07/21/2027	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
EBIX US P SOFR R 07/05/24 CI	-0.01
CMB CMBX.NA.BB.7 2047-01-17 500.0 01/17/2047 CG	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
3.287 R ISWP SOFR P 08/22/2024	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.01
2.496 R ISWP SOFR P 08/02/2032	-0.01
ZYXI US P SOFR R 07/05/24 CI	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.02
215600 KS P SOFRRATE R 12/15/25 GS	-0.02
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.02
3.30 R ISWP FWD SOFR P 09/21/2027	-0.02
2.7995 R ISWP SOFR P 07/11/2027	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 BC	-0.02
SWPTN SOFR 3MX10Y R 2.795 USD 10/20/2022 CI	-0.02
CMB CMBX.NA.BB.6 2063-05-11 500.0 05/11/2063 CG	-0.02
2.41 R ISWP FWD SONIA P 09/21/2032	-0.03
BYND US P SOFRRATE R 12/15/25 GS	-0.03
2.835 R ISWP FWD SOFR P 09/21/2032	-0.03
BGS US P SOFR R 07/05/24 CI	-0.03
WDFC US P SOFR R 07/05/24 CI	-0.03
2.643 R ISWP SOFR P 08/22/2032	-0.04
MRCY US P SOFR R 07/05/24 CI	-0.04
PLTR US P SOFR R 07/05/24 CI	-0.04
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.04
3.20 R ISWP FWD SOFR P 09/21/2032	-0.04
FRPT US P SOFR R 07/05/24 CI	-0.04
NWL US P SOFR R 07/05/24 CI	-0.04
LC US P SOFR R 07/05/24 CI	-0.04
BIGC US P SOFR R 07/05/24 CI	-0.05
NCNO US P SOFR R 07/05/24 CI	-0.05
FFIV US P SOFR R 07/05/24 CI	-0.05
BL US P SOFR R 07/05/24 CI	-0.05

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KRNT US P SOFR R 07/05/24 CI	-0.05
BANF US P SOFR R 07/05/24 CI	-0.05
IRBT US P SOFR R 07/05/24 CI	-0.07
BE US P SOFRRATE R 12/15/25 GS	-0.07
SANM US P SOFR R 07/05/24 CI	-0.07
BHC US P SOFR R 07/05/24 CI	-0.08
DOCS US P SOFR R 07/05/24 CI	-0.08
SGFY US P SOFR R 07/05/24 CI	-0.08
HCSG US P SOFR R 07/05/24 CI	-0.08
LUMN US P SOFR R 07/05/24 CI	-0.08
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.09
SKIN US P SOFR R 07/05/24 CI	-0.09
APPS US P SOFR R 07/05/24 CI	-0.09
WHR US P SOFR R 07/05/24 CI	-0.09
OLED US P SOFR R 07/05/24 CI	-0.10
YETI US P SOFR R 07/05/24 CI	-0.10
ENR US P SOFR R 07/05/24 CI	-0.11
SYNH US P SOFR R 07/05/24 CI	-0.11
AKAM US P SOFR R 07/05/24 CI	-0.11
W US P SOFR R 07/05/24 CI	-0.11
ALGN US P SOFR R 07/05/24 CI	-0.12
AAP US P SOFR R 07/05/24 CI	-0.12
ROCK US P SOFR R 07/05/24 CI	-0.13
MTSI US P SOFR R 07/05/24 CI	-0.14
PINC US P SOFR R 07/05/24 CI	-0.14
PODD US P SOFR R 07/05/24 CI	-0.18
PEN US P SOFR R 07/05/24 CI	-0.20
RL US P SOFR R 07/05/24 CI	-0.27
TSLA US P SOFR R 07/05/24 CI	-0.30
ARRY US P SOFR R 07/05/24 CI	-0.32
LHX US P SOFR R 07/05/24 CI	-0.34
FNMA FN30 TBA UMBS 02.0000 09/01/2052	-3.50
FNMA FN30 TBA UMBS 02.5000 09/01/2052	-3.64
S&P500 EMINI FUT SEP22 ESU2	-4.83
NDUEEGF P SOFRRATE R 11/02/22 UB	-5.14
NDUEEGF P SOFRRATE R 11/02/22 CS	-5.19
US 2YR NOTE (CBT) DEC22 TUZ2	-8.48
RU10INTR P SOFR R 08/09/23 BA	-20.15
GSGLPWDS P SOFR R 12/15/25 GS	-22.33
SPTR P SOFR R 05/22/23 UB	-31.74

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UBSPUSER R SOFR P 05/22/23 UB	37.68
REPO TRIPA MORTG 2.3 08/01/2022	28.11
US 10YR NOTE (CBT)SEP22 TYU2	27.43

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GSGLPWDL R SOFR P 12/15/25 GS	24.51
MLFCF15 R SOFR P 07/07/23 BA	23.34
FNMA FN30 TBA UMBS 05.0000 08/01/2052	8.78
BEFSBAXD R 0.1 P 05/26/23 BC	8.20
JPCMPTFL R SOFR P 07/21/23 JP	4.65
FNMA FN30 TBA UMBS 04.5000 08/01/2052	4.35
FNMA FN30 TBA UMBS 04.0000 08/01/2052	4.29
GSVIUS85 R 0.45 P 12/15/25 GS	3.16
GSVIVV69 R 0.3 P 12/15/25 GS	2.57
CITI COMMOD F3-F0 4X LEVERED INDEX	1.79
TREASURY BILL 00.0000 08/04/2022	1.71
BAML COMMODITY MLBX4SX6 ER STRATEGY	1.58
TECHNOLOGY SELECT SECT SPDR SEDOL 2369709	1.57
REAL ESTATE SELECT SECT SPDR SEDOL BYZ65Y9	1.55
CONSUMER STAPLES SPDR SEDOL 2369389	1.53
SP GSCI LIGHT ENERGY	1.52
UTILITIES SELECT SECTOR SPDR SEDOL 2371812	1.52
MATERIALS SELECT SECTOR SPDR SEDOL 2436841	1.41
ENERGY SELECT SECTOR SPDR SEDOL 2402466	1.38
GSVIVVOL R 0.3 P 12/15/25 GS	1.08
GSVICUB3 R 0.45 P 12/15/25 GS	0.95
S&P GSCI ER INDEX	0.94
TREASURY BILL 00.0000 09/06/2022	0.85
TAIWAN SEMICONDUCTOR-SP ADR SEDOL 2113382	0.74
S&P GSCI	0.72
CITI CROSS-ASSET TREND 10% VOL INDEX	0.67
SAMSUNG ELECTRONICS CO LTD SEDOL 6771720	0.64
ALIBABA GROUP HOLDING LTD SEDOL BK6YZP5	0.32
REPUBLICA ORIENT URUGUAY USD 04.3750 10/27/2027	0.31
CAS 2016-C02 1B 14.5090 09/25/2028	0.29
INFOSYS LTD SEDOL 6205122	0.26
TENCENT HOLDINGS LTD SEDOL BMMV2K8	0.25
VALE SA-SP ADR SEDOL 2857334	0.25
JD.COM INC - CL A SEDOL BKPQZT6	0.24
TATA CONSULTANCY SVS LTD SEDOL B01NPJ1	0.24
ASIAN PAINTS LTD SEDOL BCRWL65	0.22
KIA CORP SEDOL 6490928	0.20
EMBOTELLADORAS ARCA SA-NOM SEDOL 2823885	0.20
CSPC PHARMACEUTICAL GROUP LT SEDOL 6191997	0.20
HAIER SMART HOME CO LTD-H SEDOL BLD4QD0	0.19
LENOVO GROUP LTD SEDOL 6218089	0.19
PAGE INDUSTRIES LTD SEDOL B1VJS64	0.19
BANK OF JIANGSU CO LTD 144A/REGS WARRANT 09/28/2022	0.19
ENN NATURAL GAS CO 144A/REGS WARRANT 10/21/2022	0.19
HONG LEONG BANK BERHAD SEDOL 6436892	0.19

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CTBC FINANCIAL HOLDING CO LT SEDOL 6527666	0.18
CHINA SHENHUA ENERGY CO-H SEDOL B09N7M0	0.18
AGRICULTURAL BANK OF CHINA-H SEDOL B60LZR6	0.18
SIPCHEM AB R SOFR P 06/20/23 BA	0.17
ITAUSA SA SEDOL 2458771	0.17
KB FINANCIAL GROUP INC SEDOL B3DF0Y6	0.17
CENCOSUD SA SEDOL B00R3L2	0.17
PING AN INSURANCE GROUP CO-H SEDOL B01FLR7	0.16
WANT WANT CHINA HOLDINGS LTD SEDOL B2Q14Z3	0.16
ZHONGSHENG GROUP HOLDINGS SEDOL B633D97	0.16
CPFL ENERGIA SA SEDOL B031NN3	0.16
ADVANCED INFO SERVICE-FOR RG SEDOL 6412591	0.16
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 JP	0.16
CHONGQING ZHIFEI BIOLOGICA-A 144A/REGS WARRANT 06/30/2023	0.15
SUN PHARMA INDUS SEDOL 6582483	0.15
HANA FINANCIAL GROUP SEDOL B0RNRF5	0.15
LG INNOTEK CO LTD SEDOL B39Z8G8	0.14
ASTRA INTERNATIONAL TBK PT SEDOL B800MQ5	0.14
UNITED MEXICAN STATES USD 05.5500 01/21/2045	0.14
KUAISHOU TECHNOLOGY 144A SEDOL BLC90T0	0.14
FNR 2020-85 IP IO 03.0000 12/25/2050	0.14
EVERGREEN MARINE CORP LTD SEDOL 6324500	0.14
BANCO BRADESCO SA-PREF SEDOL B00FM53	0.13
CHINA DEVELOPMENT FINANCIAL SEDOL 6431756	0.13
CHINA INTL CAPITA-H SEDOL BZ169C6	0.13
SHENZHEN MINDRAY BIO-MEDICAL ELEC CO 144A/REGS WARRANT 12/07	0.13
INDO TAMBANGRAYA MEGAH TBK P SEDOL B29SK75	0.13
SOUTHERN COPPER CORP SEDOL 2823777	0.13
KOC HLDG SEDOL B03MVJ8	0.13
SAMSUNG ELECTRO-MECHANICS CO SEDOL 6771689	0.12
VEDANTA LTD SEDOL 6136040	0.12
3.10 R ISWP FWD SOFR P 09/21/2052	0.12
NOVATEK MICROELECTRONICS COR SEDOL 6346333	0.11
SCRT 2019-4 M 04.5000 02/25/2059	0.11
GNR 2020-173 MI IO 02.5000 11/20/2050	0.11
SPST 2021-10 A 03.0090 08/08/2022	0.11
SHRP 2020-1 NOTE 03.0253 07/25/2024	0.11
FHR 5082 IQ IO 03.0000 03/25/2051	0.10
PETROLEOS MEXICANOS USD 06.7000 02/16/2032	0.10
CATHAY FINANCIAL HOLDING CO SEDOL 6425663	0.10
PETROBRAS GLOBAL FINANCE USD 06.2500 03/17/2024	0.09
CAS 2022-R02 2M2 04.5142 01/25/2042	0.09
ENBRIDGE INC USD 04.2500 12/01/2026	0.09
COSCO SHIPPING HOLDINGS CO-H SEDOL B0B8Z18	0.09
GNR 2018-153 AI IO 04.5000 09/16/2045	0.08

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SUN TV NETWORK LTD	SEDOL B128WL3	0.08
HAITIAN INTERNATIONAL HLDGS	SEDOL B1L2RC2	0.08
TREASURY BILL	00.0000 08/16/2022	0.08
GSMS 2014-GC24 D	144A 04.5325 09/10/2047	0.08
2.835 R ISWP FWD SOFR P 09/21/2032		0.08
CHINA YONGDA AUTOMOBILES SER	SEDOL B8F2T65	0.08
FNR 2017-74 SA IO	03.4910 10/25/2047	0.08
FNR 2016-3 MI IO	05.5000 02/25/2046	0.07
ANGLO AMERICAN PLATINUM LTD	SEDOL 6761000	0.07
TURKCELL ILETISI	SEDOL B03MYN3	0.07
CMB CMBX.NA.BB.7 2047-01-17	500.0 01/17/2047 GS	0.07
CMLTI 2007-AR5 1A1A	02.9965 04/25/2037	0.07
MARUTI SUZUKI INDIA LTD	SEDOL 6633712	0.07
GNR 2014-184 DI IO	05.5000 12/16/2044	0.07
HELLENIC TELECOMMUN ORGANIZA	SEDOL 5051605	0.07
MWST 2020-2 A	03.0590 11/25/2053	0.06
SPST 2022-3 A1	03.5074 05/29/2023	0.06
SPST 2022-2 A1	03.1874 05/25/2023	0.06
FNR 2020-47 ID IO	04.0000 07/25/2050	0.06
FNR 2015-30 IO IO	05.5000 05/25/2045	0.06
UNITED MICROELECTRONICS CORP	SEDOL 6916628	0.06
CHINA MINSHENG BANKING COR-H	SEDOL B57JY24	0.06
CHINA FEIHE LTD	SEDOL BK0SBL1	0.06
EEC AB R SOFR P 06/20/23 BA		0.06
FHR 4964 IA IO	04.5000 03/25/2050	0.06
INNER MONGOLIA YUAN XING-A 144A/REGS WARRANT 06/30/2023		0.06
GNR 2020-33 SA IO	03.9736 03/20/2050	0.06
CHEIL WORLDWIDE INC	SEDOL 6093231	0.05
JPMBB 2013-C14 E	144A 04.5477 08/15/2046	0.05
MULTICHOICE GROUP LTD	SEDOL BHZSKR4	0.05
WALMART DE MEXICO SAB DE CV	SEDOL BW1YVH8	0.05
CAS 2017-C02 2B1	07.7590 09/25/2029	0.05
SHAANXI COAL INDUSTRY 144A/REGS WARRANT 08/21/2023		0.05
GNR 2016-H02 BI IO	00.9820 11/20/2065	0.05
NORTHAM PLATINUM HOLDINGS LT	SEDOL BMZ1NS0	0.04
1.64 R ISWP FWD SARON P 09/21/2032		0.04
CHINA CONSTRUCTION BANK-H	SEDOL B0LMTQ3	0.04
LG ELECTRONICS INC	SEDOL 6520739	0.04
CMB CMBX.NA.BB.9 2058-09-17	500.0 09/17/2058 CG	0.04
GNR 2015-H15 JI IO	01.9633 06/20/2065	0.04
GNR 2010-125 SD IO	04.5240 01/16/2040	0.04
CAS 2020-R01 1B1	05.5090 01/25/2040	0.04
GNR 2016-150 I IO	05.0000 11/20/2046	0.04
WAMU 2004-AR12 A2B	03.1790 10/25/2044	0.04
CAS 2015-C04 1M2	07.9590 04/25/2028	0.04

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4.15 R ISWP FWD NFIX3MID P 09/21/2032	0.04
MARFRIG GLOBAL FOODS SA SEDOL B1YWHR4	0.04
INTL CONTAINER TERM SVCS INC SEDOL 6455819	0.04
TISCO FINANCIAL-FOREIGN SEDOL B3KFW76	0.03
CIPLA LTD SEDOL B011108	0.03
UNITED TRACTORS TBK PT SEDOL 6230845	0.03
JPMCC 2006-LDP9 AMS 05.3370 05/15/2047	0.03
FNR 2016-88 SK IO 03.7410 12/25/2046	0.03
FNR 2017-8 SB IO 03.8410 02/25/2047	0.03
STACR 2020-HQA2 M2 05.3590 03/25/2050	0.03
FNR 2017-32 IP IO 04.5000 05/25/2047	0.03
GNR 2015-H25 AI IO 01.6104 09/20/2065	0.03
SWPTN SOFR 3MX10Y R 2.795 USD 10/20/2022 CI	0.03
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 MS	0.03
GNR 2015-H25 BI IO 01.0168 10/20/2065	0.03
GRUPO BIMBO SAB- SERIES A SEDOL 2392471	0.03
KT CORP SEDOL 6505316	0.03
2.41 R ISWP FWD SONIA P 09/21/2032	0.03
FNR 2017-108 SA IO 03.8910 01/25/2048	0.03
GNR 2015-53 MI IO 04.0000 04/16/2045	0.03
GNR 2015-H20 CI IO 01.3402 08/20/2065	0.03
COCA-COLA ICECEK AS SEDOL B058ZV4	0.03
RJHI AB R SOFRRATE P 06/20/23 BA	0.03
FNR 2020-16 SG IO 03.7910 03/25/2050	0.03
AMBEV SA SEDOL BG7ZWY7	0.03
INDOFOOD SUKSES MAKMUR TBK P SEDOL 6283979	0.03
CMB CMBX.NA.BB.6 2063-05-11 500.0 05/11/2063 CS	0.02
GNR 2018-91 SJ IO 04.1236 07/20/2048	0.02
2.7995 R ISWP SOFR P 07/11/2027	0.02
GNR 2018-H05 AI IO 01.7974 02/20/2068	0.02
GNR 2015-H19 NI IO 01.9070 07/20/2065	0.02
GNR 2015-80 IA IO 04.5000 06/20/2045	0.02
ZHUZHOU KIBING GROUP 144A/REGS WARRANT 08/21/2023	0.02
GNR 2015-H10 CI IO 01.8101 04/20/2065	0.02
SHIN KONG FINANCIAL HOLDING SEDOL 6452586	0.02
GNR 2015-H09 BI IO 01.6668 03/20/2065	0.02
GNR 2015-167 BI IO 04.5000 04/16/2045	0.02
GNR 2014-H21 AI IO 00.7499 10/20/2064	0.02
FNR 2016-3 NI IO 06.0000 02/25/2046	0.02
GNR 2015-187 JI IO 04.0000 03/20/2045	0.02
TECH MAHINDRA LTD SEDOL BWFGD63	0.02
CMB CMBX.NA.BB.7 2047-01-17 500.0 01/17/2047 GS	0.02
FNR 2016-65 CS IO 03.8410 09/25/2046	0.02
GNR 2017-H02 BI IO 02.3934 01/20/2067	0.02
GNR 2014-146 EI IO 05.0000 10/20/2044	0.02

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GNR 2010-9 UI IO	05.0000	01/20/2040	0.02
GNR 2015-105 LI IO	05.0000	10/20/2039	0.02
FNR 2013-130 SD IO	04.3410	01/25/2044	0.02
CMB CMBX.NA.BB.9 2058-09-17	500.0	09/17/2058 CS	0.02
CWHL 2005-3 1A1	02.8790	04/25/2035	0.02
GNR 2015-H09 AI IO	01.3133	04/20/2065	0.02
GNR 2017-H06 BI IO	02.3135	02/20/2067	0.02
YOUNGOR GROUP CO 144A/REGS WARRANT		08/21/2023	0.02
GNR 2018-104 SD IO	04.0736	08/20/2048	0.02
FHR 4752 PS IO	04.2009	11/15/2047	0.01
GNR 2019-121 DS IO	03.9736	08/20/2049	0.01
2.6985 R ISWP SOFR P 07/12/2052			0.01
2.689 R ISWP SOFR P 07/12/2052			0.01
GNR 2013-20 QI IO	04.5000	12/16/2042	0.01
GNR 2009-121 UI IO	05.0000	12/20/2039	0.01
GNR 2015-H16 XI IO	02.2851	07/20/2065	0.01
1.285 R ISWP SOFRRATE P 12/23/2031			0.01
GNR 2016-H03 AI IO	01.1047	01/20/2066	0.01
3.40 R ISWP FWD SOFR P 09/21/2024			0.01
GNR 2010-20 UI IO	05.0000	02/20/2040	0.01
GNR 2016-H16 DI IO	03.9275	06/20/2066	0.01
GNR 2011-17 S IO	03.9236	02/20/2041	0.01
GNR 2018-127 ID IO	05.0000	07/20/2045	0.01
GNR 2013-6 AI IO	03.5000	08/20/2039	0.01
CMB CMBX.NA.BB.9 2058-09-17	500.0	09/17/2058 ML	0.01
2.794 R ISWP SOFR P 07/21/2027			0.01
WFRBS 2011-C3 E 144A	05.0000	03/15/2044	0.01
FNR 2012-151 PI IO	03.0000	01/25/2043	0.01
GNR 2014-163 NI IO	05.0000	02/20/2044	0.01
EVR LN R SOFR P 12/15/25 GS			0.01
GNR 2015-24 IA IO	03.5000	02/20/2045	0.01
GNR 2015-H24 HI IO	02.0877	09/20/2065	0.01
FHR 4801 IG IO	03.0000	06/15/2048	0.01
FHR 4193 PI IO	04.0000	03/15/2043	0.01
CMB CMBX.NA.BB.10 2059-11-17	500.0	11/17/2059 CS	0.01
CMB CMBX.NA.BB.10 2059-11-17	500.0	11/17/2059 CS	0.01
CMB CMBX.NA.BB.10 2059-11-17	500.0	11/17/2059 ML	0.01
2.797 R ISWP SOFR P 07/11/2027			0.01
CMB CMBX.NA.BB.9 2058-09-17	500.0	09/17/2058 MS	0.01
CMB CMBX.NA.BB.11 2054-11-18	500.0	11/18/2054 CG	0.01
GNR 2016-H04 KI IO	00.9801	02/20/2066	0.01
GNR 2016-75 EI IO	03.5000	08/20/2045	0.01
GNR 2013-24 PI IO	04.0000	11/20/2042	0.01
2.839 R ISWP SOFR P 07/21/2027			0.01
FHR 4206 IP IO	03.0000	12/15/2041	0.01

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CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 ML	0.01
GNR 2013-129 SN IO 04.0236 09/20/2043	0.00
GNR 2010-35 QI IO 04.5000 03/20/2040	0.00
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CG	0.00
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CG	0.00
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 MS	0.00
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 GS	0.00
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 MS	0.00
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 GS	0.00
FNR 2013-35 PI IO 03.0000 02/25/2042	0.00
2.596 R ISWP SOFR P 07/26/2032	0.00
SWPTN 10YX20Y P 1.275 USD 03/05/2030 BA	0.00
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 CG	0.00
3.0495 R ISWP SOFR P 07/13/2024	0.00
GNR 2013-79 XI IO 03.5000 11/20/2039	0.00
2.7745 R ISWP SOFR P 07/06/2024	0.00
GNR 2015-99 LI IO 04.0000 07/20/2045	0.00
1.285 R ISWP SOFRRATE P 12/24/2031	0.00
2.3075 R ISWP FWD US0003M P 06/22/2052	0.00
CMB CMBX.NA.BB.8 2057-10-17 500.0 10/17/2057 CS	0.00
CMB CMBX.NA.BB.8 2057-10-17 500.0 10/17/2057 CG	0.00
FNR 2012-136 PI IO 03.5000 11/25/2042	0.00
GNR 2013-100 MI IO 03.5000 02/20/2043	0.00
2.4855 R ISWP SOFR P 08/01/2032	0.00
2.4795 R ISWP SOFR P 08/01/2032	0.00
FNR 2013-31 NI IO 03.0000 06/25/2041	0.00
GNR 2011-116 IB IO 05.0000 10/20/2040	0.00
WFRBS 2012-C7 F 144A 04.5000 06/15/2045	0.00
GLOW ENERGY PCL - FOREIGN SEDOL B074GX9	0.00
UBSBB 2012-C2 F 144A 05.0000 05/10/2063	0.00
SWPTN 10YX20Y P 2.8175 USD 03/23/2027 GS	-0.00
SWPTN 10YX20Y R 2.8175 USD 03/23/2027 GS	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	-0.00
1.096 R ISWP SOFRRATE P 12/24/2026	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	-0.00
SWPTN 10YX20Y R 1.275 USD 03/05/2030 BA	-0.00
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.00
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.00
3.1095 R ISWP SOFR P 07/01/2024	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	-0.00
2.611 R ISWP SOFR P 07/07/2032	-0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.00

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CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
1.86 R ISWP FWD SOFR P 02/24/2052	-0.01
1.435 R ISWP SOFRRATE P 12/24/2051	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BC	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
2.7225 R ISWP SOFR P 07/14/2032	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 CS	-0.01
3.235 R ISWP FWD NOKOIB6M P 09/21/2032	-0.01
EBIX US P SOFR R 07/05/24 CI	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BB.7 2047-01-17 500.0 01/17/2047 CG	-0.01
2.14 R ISWP FWD EUR006M P 09/21/2032	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
2.845 R ISWP SOFR P 07/12/2027	-0.01
2.855 R ISWP SOFR P 07/12/2027	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
ZYXI US P SOFR R 07/05/24 CI	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.02
215600 KS P SOFRRATE R 12/15/25 GS	-0.02
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 BC	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
SWPTN SOFR 3MX10Y P 2.795 USD 10/20/2022 CI	-0.02
2.769 R ISWP FWD SOFR P 07/25/2032	-0.02
CMB CMBX.NA.BB.6 2063-05-11 500.0 05/11/2063 CG	-0.02
WDFC US P SOFR R 07/05/24 CI	-0.03
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.03
BGS US P SOFR R 07/05/24 CI	-0.03
2.81 R ISWP FWD SES3M P 09/21/2032	-0.03
BYND US P SOFRRATE R 12/15/25 GS	-0.04
4.07 R ISWP FWD AUDBB6M P 09/21/2032	-0.04
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.04
3.72 R ISWP FWD CDOR03 P 09/21/2032	-0.05
BIGC US P SOFR R 07/05/24 CI	-0.05
LC US P SOFR R 07/05/24 CI	-0.05

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MRCY US P SOFR R 07/05/24 CI	-0.05
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.05
KRNT US P SOFR R 07/05/24 CI	-0.05
BL US P SOFR R 07/05/24 CI	-0.05
NWL US P SOFR R 07/05/24 CI	-0.05
SGFY US P SOFR R 07/05/24 CI	-0.05
NCNO US P SOFR R 07/05/24 CI	-0.05
FRPT US P SOFR R 07/05/24 CI	-0.05
FFIV US P SOFR R 07/05/24 CI	-0.05
IRBT US P SOFR R 07/05/24 CI	-0.05
PLTR US P SOFR R 07/05/24 CI	-0.05
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 MS	-0.06
BANF US P SOFR R 07/05/24 CI	-0.06
BE US P SOFRRATE R 12/15/25 GS	-0.06
BHC US P SOFR R 07/05/24 CI	-0.06
SANM US P SOFR R 07/05/24 CI	-0.07
HCSG US P SOFR R 07/05/24 CI	-0.09
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.09
LUMN US P SOFR R 07/05/24 CI	-0.10
3.30 R ISWP FWD SOFR P 09/21/2027	-0.10
DOCS US P SOFR R 07/05/24 CI	-0.10
APPS US P SOFR R 07/05/24 CI	-0.10
OLED US P SOFR R 07/05/24 CI	-0.11
WHR US P SOFR R 07/05/24 CI	-0.11
SKIN US P SOFR R 07/05/24 CI	-0.11
ENR US P SOFR R 07/05/24 CI	-0.12
W US P SOFR R 07/05/24 CI	-0.12
AKAM US P SOFR R 07/05/24 CI	-0.12
3.20 R ISWP FWD SOFR P 09/21/2032	-0.14
ALGN US P SOFR R 07/05/24 CI	-0.15
AAP US P SOFR R 07/05/24 CI	-0.15
YETI US P SOFR R 07/05/24 CI	-0.15
MTSI US P SOFR R 07/05/24 CI	-0.15
ROCK US P SOFR R 07/05/24 CI	-0.15
SYNH US P SOFR R 07/05/24 CI	-0.15
PINC US P SOFR R 07/05/24 CI	-0.16
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 ML	-0.16
PEN US P SOFR R 07/05/24 CI	-0.18
PODD US P SOFR R 07/05/24 CI	-0.18
ARRY US P SOFR R 07/05/24 CI	-0.27
RL US P SOFR R 07/05/24 CI	-0.30
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CG	-0.34
TSLA US P SOFR R 07/05/24 CI	-0.34
LHX US P SOFR R 07/05/24 CI	-0.37
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 JP	-0.64

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CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CS	-0.67
FNMA FN30 TBA UMBS 02.0000 08/01/2052	-3.85
FNMA FN30 TBA UMBS 02.5000 08/01/2052	-3.98
S&P500 EMINI FUT SEP22 ESU2	-5.30
NDUEEGF P SOFRRATE R 11/02/22 UB	-5.40
NDUEEGF P SOFRRATE R 11/02/22 CS	-5.46
US 2YR NOTE (CBT) SEP22 TUU2	-9.89
RU10INTR P SOFR R 07/07/23 BA	-23.46
GSGLPWDS P SOFR R 12/15/25 GS	-24.53
SPTR P SOFR R 05/22/23 UB	-37.67