

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of December 31, 2020

US 10YR NOTE (CBT)MAR21 TYH1	46.48
UBSPUSER R US0001M P 05/22/23 UB	34.90
GSGLPWDL R US0001M P 12/15/25 GS	23.65
MLFCF15 R US0003M P 06/20/23 BA	22.55
CGPUTQL2 R US0003M P 06/10/21 CI	20.30
JPCMPTFL R US0001M P 12/10/21 JP	17.62
US 10YR ULTRA FUT MAR21 UXYH1	14.76
FNMA FN30 TBA UMBS 02.5000 01/01/2051	8.66
FNMA FN30 TBA UMBS 04.0000 01/01/2051	4.38
FNMA FN30 TBA UMBS 03.5000 01/01/2051	4.34
FNMA FN30 TBA UMBS 03.0000 01/01/2051	4.30
GSISXT27 R 0.2 P 12/15/25 GS	3.40
REPO TRIPA MORTG 0.06 01/04/2021	3.39
GSVIUS85 R 0.45 P 12/15/25 GS	2.91
GSGLPHCL R US0001M P 12/15/25 GS	2.70
TREASURY BILL 00.0000 02/16/2021	2.46
TREASURY BILL 00.0000 03/02/2021	2.46
TREASURY BILL 00.0000 03/25/2021	2.46
CITI COMMOD F3-F0 4X LEVERED INDEX 3X NOTE 1/25/2021	2.12
BAML COMMODITY MLBX4SX6 ER STRATEGY 3X 144A NOTE 1/12/2021	2.10
GSVIVV69 R 0.3 P 12/15/25 GS	1.66
CITI CROSS-ASSET TREND 10% VOL INDEX	1.64
COMM SERV SELECT SECTOR SPDR SEDOL BFXHC51	1.57
CONSUMER DISCRETIONARY SELT SEDOL 2424341	1.54
TECHNOLOGY SELECT SECT SPDR SEDOL 2369709	1.52
HEALTH CARE SELECT SECTOR SEDOL 2371823	1.51
MATERIALS SELECT SECTOR SPDR SEDOL 2436841	1.49
CONSUMER STAPLES SPDR SEDOL 2369389	1.48
NATIONAL BANK OF CANADA 63307LN49 DCP 01/04/2021	1.03
SHEFFIELD RECEIVABLES CO LLC 82124LNB4 DCP 01/11/2021	1.03
ATLANTIC ASSET SECURITIZATION 04821TNL5 DCP 01/20/2021	1.03
FHLB 313385CG9 GDC 02/24/2021	1.03
NRW BANK 62939LNU9 DCP 01/28/2021	1.03
SUMITOMO MITSUI TRUST BANK LT 86564YP30 DCP 02/03/2021	1.03
COMMONWEALTH BANK OF AUSTRALI 20272DPB0 DCP 02/11/2021	1.03
SKANDINAVISKA ENSKILDA BANKEN 83050TPJ4 DCP 02/18/2021	1.03
LIBERTY STREET FUNDING LLC 53127TP56 DCP 02/05/2021	1.03
FAIRWAY FINANCE CO LLC 30601VP88 DCP 02/08/2021	1.03
COLLATERALIZED COMMERCIAL PAP 19423JPG6 DCP 02/16/2021	1.03
CHARIOT FUNDING LLC 15963TPG8 DCP 02/16/2021	1.03
CASH MGMT BILL 00.0000 05/25/2021	1.03
MATCHPOINT FINANCE PLC 57666AQ21 DCP 03/02/2021	1.03
BPCE SA 05571BQK2 DCP 03/19/2021	1.03
ALPINE SECURITIZATION LLC 02088WQ94 DCP 03/09/2021	1.03
SAMSUNG ELECTRONICS CO LTD SEDOL 6771720	0.96

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GSVICUB3 R 0.45 P 12/15/25 GS	0.90
ALIBABA GROUP HOLDING LTD SEDOL BK6YZP5	0.81
ISHARES MSCI INDIA ETF SEDOL B6XGR72	0.70
TAIWAN SEMICONDUCTOR-SP ADR SEDOL 2113382	0.63
GSVIVVOL R 0.3 P 12/15/25 GS	0.61
TENCENT HOLDINGS LTD SEDOL BMMV2K8	0.54
S&P GSCI INDEX ER **INVERSE**	0.37
REPUBLICA ORIENT URUGUAY USD 04.3750 10/27/2027	0.34
NDEUSIA R US0003M P 02/12/21 UB	0.33
JD.COM INC-ADR SEDOL BMM27D9	0.32
LG ELECTRONICS INC SEDOL 6520739	0.30
CAS 2016-C02 1B 12.3980 09/25/2028	0.30
PING AN INSURANCE GROUP CO-H SEDOL B01FLR7	0.28
SANY HEAVY INDUSTRY CO LTD 144A/REGS WARRANT 12/16/2021	0.26
KWEICHOW MOUTAI CO LTD 144A/REGS WARRANT 10/01/2021	0.25
VALE SA-SP ADR SEDOL 2857334	0.25
SHENZHEN MIINDRAY BIO-MEDICAL ELEC CO 144A/REGS WARRANT 12/10	0.24
UNITED MICROELECTRONICS CORP SEDOL 6916628	0.24
SOUTHERN COPPER CORP SEDOL 2823777	0.23
YUM CHINA HOLDINGS INC SEDOL BYW4289	0.22
KB FINANCIAL GROUP INC SEDOL B3DF0Y6	0.21
BAML COMMODITY MLBX4SX6 ER STRATEGY 3X NOTE 9/2/2021	0.21
HANA FINANCIAL GROUP SEDOL B0RNRFS	0.21
GLOBALWAFERS CO LTD SEDOL BS7JP33	0.21
NETEASE INC-ADR SEDOL 2606440	0.21
FNR 2017-74 SA IO 05.6020 10/25/2047	0.20
COUNTRY GARDEN SERVICES HOLD SEDOL BDQZP48	0.19
CDX CDX.EM.34 100.0 12/20/2025	0.19
ADVANCED INFO SERVICE-FOR RG SEDOL 6412591	0.18
MMC NORILSK NICKEL PJSC-ADR SEDOL BYSW6D0	0.18
WFRBS 2012-C7 F P/P 144A 04.5000 06/15/2045	0.17
POLY DEVELOPMENTS AND HOLD 144A/REGS WARRANT 07/29/2021	0.17
CHAROEN POKPHAND FOOD-FORGN SEDOL B5L2DG6	0.17
PARADE TECHNOLOGIES LTD SEDOL B6RV676	0.16
ANHUI CONCH CEMENT CO LTD-H SEDOL 6080396	0.15
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 JP	0.15
ANGLO AMERICAN PLATINUM LTD SEDOL 6761000	0.15
GNR 2018-153 AI IO 04.5000 09/16/2045	0.14
BANCO SANTANDER BRASIL-UNIT SEDOL B4V5RY4	0.14
CAS 2017-C02 2M2 03.7980 09/25/2029	0.13
LUKOIL PJSC-SPON ADR SEDOL BYZDW27	0.13
GNR 2020-33 SA IO 05.9484 03/20/2050	0.12
SCRT 2019-4 M 04.5000 02/25/2059	0.12
MWST 2019-1 A 00.9480 06/25/2052	0.12
HUNDSUN TECHNOLOGIES INC 144A/REGS WARRANT 07/29/2021	0.12

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GNR 2020-173 MI IO	02.5000 11/20/2050	0.12
ZHONGSHENG GROUP HOLDINGS	SEDOL B633D97	0.12
FUBON FINANCIAL HOLDING CO	SEDOL 6411673	0.12
CHAILEASE HOLDING CO LTD	SEDOL B58J1S8	0.12
FNR 2016-3 MI IO	05.5000 02/25/2046	0.12
REALTEK SEMICONDUCTOR CORP	SEDOL 6051422	0.11
CMLTI 2007-AR5 1A1A	03.4611 04/25/2037	0.11
BANK OF SHANGHAI 144A/REGS WARRANT	11/30/2021	0.11
GNR 2014-184 DI IO	05.5000 12/16/2044	0.11
FNR 2015-30 IO IO	05.5000 05/25/2045	0.10
SHRP 2020-1 NOTE	03.1065 07/25/2024	0.10
SPST 2020-13 A	01.6433 10/10/2021	0.10
SPST 2020-2 A	00.9780 03/26/2021	0.10
MWST 2020-1 A	01.0480 10/25/2053	0.10
MWST 2020-2 A	00.9531 11/25/2053	0.10
SPST 2020-15 A	01.5133 12/10/2021	0.10
UNITED MEXICAN STATES	USD 05.5500 01/21/2045	0.10
CHINA MINSHENG BANKING COR-H	SEDOL B57JY24	0.10
GNR 2010-125 SD IO	06.5269 01/16/2040	0.10
PETROBRAS GLOBAL FINANCE	USD 06.2500 03/17/2024	0.10
ENBRIDGE INC	USD 04.2500 12/01/2026	0.10
FNR 2018-51 IO IO	06.5000 07/25/2048	0.10
QUANTA COMPUTER INC	SEDOL 6141011	0.09
GNR 2015-H11 CI IO	02.8003 05/20/2065	0.09
JIANGSU HENGLI HYDRAULIC C-A 144A/REGS WARRANT	03/23/2022	0.09
GNR 2016-H02 BI IO	01.8152 11/20/2065	0.09
FOSHAN HAITIAN FLAVOURING & FOOD 144A/REGS WARRANT	03/12/202	0.09
SUOFEIYA HOME COLLECTION C-A 144A/REGS WARRANT	10/28/2021	0.09
KIA MOTORS CORP	SEDOL 6490928	0.09
CMB CMBX.NA.BB.7 2047-01-17	500.0 01/17/2047 GS	0.09
GRUPO FINANCIERO GALICIA-ADR	SEDOL 2613570	0.09
FNR 2020-47 ID IO	04.0000 07/25/2050	0.08
TOP GLOVE CORP BHD	SEDOL B05L892	0.08
FNR 2016-88 SK IO	05.8520 12/25/2046	0.08
DINO POLSKA SA	SEDOL BD0YVN2	0.08
DAELIM INDUSTRIAL CO LTD	SEDOL 6249584	0.08
KUMBA IRON ORE LTD	SEDOL B1G4262	0.08
FNR 2017-8 SB IO	05.9520 02/25/2047	0.08
RISESUN REAL ESTATE DEV-A 144A/REGS WARRANT	11/02/2021	0.08
CHINA FEIHE LTD	SEDOL BKOSBL1	0.08
GNR 2015-H15 JI IO	01.9590 06/20/2065	0.08
GNR 2017-H11 NI IO	02.3586 05/20/2067	0.07
GNR 2015-H25 BI IO	01.9420 10/20/2065	0.07
STACR 2020-HQA2 M2	03.2480 03/25/2050	0.07
HYUNDAI MOBIS CO LTD	SEDOL 6449544	0.07

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GNR 2016-135 PI IO	04.0000 05/20/2046	0.07
FHR 4964 IA IO	04.5000 03/25/2050	0.07
RADIANT OPTO-ELECTRONICS COR	SEDOL 6520278	0.07
GNR 2015-H24 HI IO	02.0447 09/20/2065	0.06
HYPERA SA	SEDOL B2QY968	0.06
FNR 2017-108 SA IO	06.0020 01/25/2048	0.06
CHINA RESOURCES CEMENT	SEDOL B41XC98	0.06
FNR 2020-16 SG IO	05.9020 03/25/2050	0.06
GNR 2018-91 SJ IO	06.0984 07/20/2048	0.06
GNR 2015-H25 AI IO	01.6175 09/20/2065	0.06
WFRBS 2011-C3 E P/P 144A	05.0000 03/15/2044	0.06
GNR 2010-68 SD IO	06.4284 06/20/2040	0.06
CAS 2017-C03 1M2	03.1480 10/25/2029	0.06
HELLENIC TELECOMMUN ORGANIZA	SEDOL 5051605	0.06
AUD/USD 01/20/2021 GSF		0.06
CIA DE TRANSMISSAO DE ENE-PF	SEDOL 2440972	0.06
SPY 20211015 P 275.00	BANKAM	0.06
HARTEGA HOLDINGS BHD	SEDOL B2QPJK5	0.06
SINOTRUK HONG KONG LTD	SEDOL B296ZH4	0.06
GNR 2017-H14 DI IO	01.7128 06/20/2067	0.06
GNR 2016-51 MS IO	05.8984 04/20/2046	0.06
PROVINCIA DE BUENOS P/P 144A	10.8750 01/26/2021	0.06
FNR 2012-19 S IO	05.8020 03/25/2042	0.06
GNR 2019-121 DS IO	05.9484 08/20/2049	0.05
AUD/USD 01/20/2021 MSCIL		0.05
PETROBRAS GLOBAL FINANCE USD	08.7500 05/23/2026	0.05
FNR 2017-32 IP IO	04.5000 05/25/2047	0.05
SPY 20210917 P 270.00	JPMCB	0.05
GNR 2015-H20 CI IO	02.1982 08/20/2065	0.05
GNR 2018-H05 AI IO	02.2690 02/20/2068	0.05
GNR 2015-H09 AI IO	03.2292 04/20/2065	0.05
AUD/USD 01/20/2021 RBSF		0.05
SEEGENE INC	SEDOL B679Q36	0.05
LITE-ON TECHNOLOGY CORP	SEDOL 6519481	0.05
WAMU 2004-AR12 A2B	01.0680 10/25/2044	0.05
FNR 2016-65 CS IO	05.9520 09/25/2046	0.05
CMB CMBX.NA.BB.9 2058-09-17	500.0 09/17/2058 CG	0.05
GNR 2015-H26 GI IO	01.8020 10/20/2065	0.05
GNR 2016-150 I IO	05.0000 11/20/2046	0.05
CAS 2015-C04 1M2	05.8480 04/25/2028	0.05
GNR 2014-H21 AI IO	01.6368 10/20/2064	0.05
SHANDONG BUCHANG PHARMACEUTICALS CO LTD	144A/REGS WARRANT 12	0.05
GNR 2017-H02 BI IO	02.1856 01/20/2067	0.05
PETROBRAS GLOBAL FIN USD	05.9990 01/27/2028	0.05
NIEN MADE ENTERPRISE CO LTD	SEDOL BSZLN15	0.05

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WANT WANT CHINA HOLDINGS LTD SEDOL B2Q14Z3	0.05
GNR 2015-H19 NI IO 01.9115 07/20/2065	0.05
SPY 20210820 P 275.00CITI	0.05
BANCO MACRO SA-ADR SEDOL B0Y62M9	0.05
MEITUAN-CLASS B SEDOL BGJW376	0.05
LOGAN GROUP CO LTD SEDOL BH6X937	0.05
GNR 2015-H09 BI IO 01.6887 03/20/2065	0.05
CTBC FINANCIAL HOLDING CO LT SEDOL 6527666	0.05
FNR 2013-130 SD IO 06.4520 01/25/2044	0.05
COM7 PCL-F SEDOL BZ2YN49	0.04
CAS 2017-C02 2B1 05.6480 09/25/2029	0.04
GNR 2018-104 SD IO 06.0484 08/20/2048	0.04
GNR 2015-H24 BI IO 01.6113 08/20/2065	0.04
GSMS 2014-GC24 D P/P 144A 04.5315 09/10/2047	0.04
ECOPETROL SA-SPONSORED ADR SEDOL B3D6J19	0.04
TISCO FINANCIAL-FOREIGN SEDOL B3KFW76	0.04
GNR 2015-H22 GI IO 02.5994 09/20/2065	0.04
FENG TAY ENTERPRISE CO LTD SEDOL 6336055	0.04
CAS 2020-R01 1B1 03.3980 01/25/2040	0.04
ORION CORP/REPUBLIC OF KOREA SEDOL BDVLJ72	0.04
SAMSUNG ENGINEERING CO LTD SEDOL 6765239	0.04
JPMCC 2006-LDP9 AMS 05.3370 05/15/2047	0.04
PRESIDENT CHAIN STORE CORP SEDOL 6704986	0.04
GNR 2015-H10 CI IO 01.8054 04/20/2065	0.04
ZOOMLION HEAVY INDUSTRY - H SEDOL B544N70	0.04
PETROLEOS MEXICANOS USD 06.3750 01/23/2045	0.04
BURSA MALAYSIA BHD SEDOL B06FV38	0.04
SEAZEN HOLDINGS CO 144A/REGS WARRANT 05/06/2021	0.04
JPMBB 2013-C14 E P/P 144A 04.7018 08/15/2046	0.04
GNR 2016-H03 AI IO 03.1888 01/20/2066	0.04
GNR 2017-H06 BI IO 02.1858 02/20/2067	0.04
NZD/USD 01/20/2021 MSCIL	0.04
TAISHIN FINANCIAL HOLDING SEDOL 6451680	0.03
CHINA SHENHUA ENERGY CO-H SEDOL B09N7M0	0.03
SYNNEX TECHNOLOGY INTL CORP SEDOL 6868439	0.03
FHR 4134 PI IO 03.0000 11/15/2042	0.03
FNR 2016-3 NI IO 06.0000 02/25/2046	0.03
GNR 2015-53 MI IO 04.0000 04/16/2045	0.03
FHR 4752 PS IO 06.0414 11/15/2047	0.03
MARFRIG GLOBAL FOODS SA SEDOL B1YWHR4	0.03
GNR 2015-80 IA IO 04.5000 06/20/2045	0.03
GNR 2016-H08 GI IO 01.4302 04/20/2066	0.03
CAS 2018-C05 1M2 02.4980 01/25/2031	0.03
PLDT INC SEDOL BDGN274	0.03
UNITED INTEGRATED SERVICES SEDOL 6105136	0.03

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CMB CMBX.NA.BBB-7 2047-01-17 300.0 01/17/2047 MS	0.03
GNR 2015-167 BI IO 04.5000 04/16/2045	0.03
CMB CMBX.NA.BB.6 2063-05-11 500.0 05/11/2063 CS	0.03
PEGATRON CORP SEDOL B4PLX17	0.03
HENGAN INTL GROUP CO LTD SEDOL 6136233	0.03
GNR 2016-H16 DI IO 02.6424 06/20/2066	0.03
HAITIAN INTERNATIONAL HLDGS SEDOL B1L2RC2	0.03
GNR 2015-H16 XI IO 02.4638 07/20/2065	0.03
GNR 2015-105 LI IO 05.0000 10/20/2039	0.03
GNR 2014-146 EI IO 05.0000 10/20/2044	0.03
SPY 20210716 P 255.00CITI	0.03
CAD/USD 01/20/2021 GSFY	0.03
GNR 2010-9 UI IO 05.0000 01/20/2040	0.03
GNR 2015-187 JI IO 04.0000 03/20/2045	0.03
INDOFOOD SUKSES MAKMUR TBK P SEDOL 6283979	0.03
GNR 2016-37 IW IO 04.5000 02/20/2046	0.03
CAS 2017-C06 2M2 02.9480 02/25/2030	0.03
TOFAS OTOMOBIL FAB SEDOL B03MY33	0.03
AUD/USD 01/20/2021 HSBCB	0.03
GNR 2013-6 AI IO 03.5000 08/20/2039	0.03
GNR 2011-17 S IO 05.8984 02/20/2041	0.02
LUENMEI QUANTUM CO LTD 144A/REGS WARRANT 12/02/2021	0.02
AUD/USD 01/20/2021 CSI-FX	0.02
CMB CMBX.NA.BB.7 2047-01-17 500.0 01/17/2047 GS	0.02
GNR 2018-127 IB IO 04.5000 06/20/2045	0.02
CWHL 2005-3 1A1 00.7680 04/25/2035	0.02
GNR 2013-20 QI IO 04.5000 12/16/2042	0.02
GNR 2017-57 AI IO 04.0000 06/20/2045	0.02
FHR 4259 DI IO 04.0000 06/15/2043	0.02
SIME DARBY BERHAD SEDOL B29TTR1	0.02
CHINA YUHUA EDUCAT SEDOL BYWPGC4	0.02
CAD/USD 01/20/2021 MSCIL	0.02
KT CORP SEDOL 6505316	0.02
FNR 2017-2 KI IO 04.0000 02/25/2047	0.02
BIM BIRLESIK MAGAZALAR AS SEDOL B0D0006	0.02
AUD/USD 01/20/2021 JPMCB	0.02
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 CS	0.02
GNR 2016-H04 KI IO 02.8081 02/20/2066	0.02
HONG LEONG BANK BERHAD SEDOL 6436892	0.02
NICE INFORMATION SERVICE CO SEDOL 6248332	0.02
CLP/USD 01/20/2021 CITI	0.02
GNR 2018-127 ID IO 05.0000 07/20/2045	0.02
GNR 2009-121 UI IO 05.0000 12/20/2039	0.02
DIALOG GROUP BHD SEDOL B00MRS2	0.02
SPY 20210618 P 250.00JPMCB	0.02

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CAD/USD 01/20/2021 HSBCB	0.02
FAR EASTONE TELECOMM CO LTD SEDOL 6421854	0.02
COMMERCIAL INTL BANK-GDR REG SEDOL 5668287	0.02
GNR 2010-20 UI IO 05.0000 02/20/2040	0.02
PETRONAS GAS BHD SEDOL 6703972	0.02
PRESS METAL ALUMINIUM HOLDIN SEDOL BF0J5S4	0.02
0.90 R ISWP FWD US0003M P 03/17/2031	0.02
AUD/USD 01/20/2021 TDBK	0.02
PTT EXPLORATION & PROD-FOR SEDOL B1359J0	0.02
GNR 2014-163 NI IO 05.0000 02/20/2044	0.02
CAD/USD 01/20/2021 UBS	0.02
IOS.FN30.400.14 R USL1M P 01/12/45 CS	0.02
IOS.FN30.350.12 R USL1M P 01/12/43 CS	0.02
FHR 4568 MI IO 04.0000 04/15/2046	0.01
SEK/USD 03/17/2021 GSFY	0.01
UBSBB 2012-C2 F P/P 144A 05.0000 05/10/2063	0.01
GNR 2015-H10 EI IO 01.6186 04/20/2065	0.01
GNR 2015-H18 IA IO 01.8339 06/20/2065	0.01
SHANGHAI PUDONG DEV BANK 144A/REGS WARRANT 11/10/2021	0.01
NZD/USD 01/20/2021 BCAP-FX	0.01
KRW/USD 02/17/2021 HSBCB	0.01
FEDERAL GRID CO UNIFIED ENER SEDOL B39RR67	0.01
BBVA ARGENTINA SA-ADR SEDOL BKT4TC7	0.01
CELLTRION INC SEDOL B0C5YV1	0.01
JPY/USD 02/17/2021 UBS	0.01
GNR 2011-H15 AI IO 01.5378 06/20/2061	0.01
GNR 2015-24 IA IO 03.5000 02/20/2045	0.01
ELECTRICITY GEN PUB CO-FOR R SEDOL 6304643	0.01
GNR 2013-129 SN IO 05.9984 09/20/2043	0.01
GBP/USD 03/17/2021 MSCIL	0.01
KRW/USD 02/17/2021 JPMCB	0.01
QUALITAS CONTROLADORA SAB CV SEDOL BYMXF65	0.01
JPY/USD 02/17/2021 MSCIL	0.01
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 ML	0.01
TECO ELECTRIC & MACHINERY SEDOL 6879851	0.01
FRONTKEN CORP BHD SEDOL B18TLC4	0.01
FHR 4801 IG IO 03.0000 06/15/2048	0.01
NZD/USD 01/20/2021 UBS	0.01
SEK/USD 03/17/2021 MSCIL	0.01
FHR 4193 PI IO 04.0000 03/15/2043	0.01
FHR 3747 SA IO 06.3414 10/15/2040	0.01
SPY 20210521 P 235.00BANKAM	0.01
FNR 2012-151 PI IO 03.0000 01/25/2043	0.01
GNR 2018-127 IE IO 03.5000 01/20/2046	0.01
CNH/USD 02/18/2021 GSFY	0.01

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BANK BTPN SYARIAH TBK PT	SEDOL BFNBJ41	0.01
FNR 2013-35 PI IO	03.0000 02/25/2042	0.01
0.30 R ISWP FWD SES3M P	03/17/2031	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
SWPTN 3MX5Y P 0.418 USD	01/13/2021 BC	0.01
GBP/USD 03/17/2021 RBSF		0.01
RUENTEX DEVELOPMENT CO LTD	SEDOL 6748423	0.01
CAD/USD 01/20/2021 WPAC		0.01
SEK/USD 03/17/2021 SSBT		0.01
CMB CMBX.NA.BB.11 2054-11-18	500.0 11/18/2054 CG	0.01
0.70 R ISWP FWD SOFRRATE P	03/17/2031	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
PROVINCIA DE BUENOS	34.1871 05/31/2022	0.01
FHR 4206 IP IO	03.0000 12/15/2041	0.01
KWG GROUP HOLDINGS LTD	SEDOL B1YBF00	0.01
PUREGOLD PRICE CLUB INC	SEDOL B725S29	0.01
CMB CMBX.NA.BB.9 2058-09-17	500.0 09/17/2058 MS	0.01
SEK/USD 03/17/2021 UBS		0.01
0.25 R ISWP FWD US0003M P	03/17/2023	0.01
CAD/USD 01/20/2021 RBSF		0.01
SWPTN 5YX30Y R 2.8325 USD	02/15/2022 JP	0.01
SEK/USD 03/17/2021 BANKAM		0.01
CHINA BIOLOGIC PRODUCTS HOLD	SEDOL BF0G7L2	0.01
IOS.FN30.400.14 R USL1M P	01/12/45 GS	0.01
IOS.FN30.400.14 R USL1M P	01/12/45 CS	0.01
MISC BHD	SEDOL 6557997	0.01
CMB CMBX.NA.BB.11 2054-11-18	500.0 11/18/2054 ML	0.01
SEK/USD 03/17/2021 JPMCB		0.01
JPY/USD 02/17/2021 HSBCB		0.01
NZD/USD 01/20/2021 CSI-FX		0.01
GNR 2015-124 NI IO	03.5000 06/20/2039	0.01
GNR 2010-35 QI IO	04.5000 03/20/2040	0.01
NOK/USD 03/17/2021 TDBK		0.01
GNR 2013-79 XI IO	03.5000 11/20/2039	0.01
GNR 2013-157 IA IO	03.5000 04/20/2040	0.01
JPY/USD 02/17/2021 TDBK		0.01
GNR 2013-23 IK IO	03.0000 09/20/2037	0.01
JPY/USD 02/17/2021 RBSF		0.01
JPY/USD 02/17/2021 BCAP-FX		0.01
CAS 2015-C02 2M2	04.1480 05/25/2025	0.00
GNR 2010-134 ES IO	05.8484 11/20/2039	0.00
IOS.FN30.650.67 R USL1M P	01/12/38 BC	0.00

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REPUBLIC OF VENEZUELA REGS 07.6500 04/21/2025	0.00
GBP/USD 03/17/2021 HSBCB	0.00
EUR/USD 03/17/2021 BANKAM	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
GNR 2015-99 LI IO 04.0000 07/20/2045	0.00
PETROLEOS DE VENEZUELA S REGS 05.3750 04/12/2027	0.00
GNR 2013-100 MI IO 03.5000 02/20/2043	0.00
EUR/USD 03/17/2021 HSBCB	0.00
GBP/USD 03/17/2021 BCAP-FX	0.00
FNR 2012-136 PI IO 03.5000 11/25/2042	0.00
NOK/USD 03/17/2021 GSFY	0.00
CAD/USD 01/20/2021 PSBS	0.00
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 CG	0.00
GNR 2015-96 NI IO 03.5000 01/20/2039	0.00
GNR 2014-133 AI IO 04.0000 10/20/2036	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 BA	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 BA	0.00
FHR 4073 AS IO 05.8914 08/15/2038	0.00
FNR 2013-31 NI IO 03.0000 06/25/2041	0.00
FHR 4099 BI IO 03.5000 06/15/2039	0.00
-0.33 R ISWP FWD CHL6M P 03/17/2031	0.00
NOK/USD 03/17/2021 HSBCB	0.00
KWG LIVING GROUP HOLDINGS LT SEDOL BLPJQP9	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 CI	0.00
EUR/USD 03/17/2021 UBS	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
JPY/USD 02/17/2021 CITI	0.00
CAD/USD 01/20/2021 CITI	0.00
JPY/USD 02/17/2021 JPMCB	0.00
GBP/USD 03/17/2021 GSFY	0.00
FHR 4097 PI IO 03.5000 11/15/2040	0.00
NOK/USD 03/17/2021 JPMCB	0.00
GBP/USD 03/17/2021 JPMCB	0.00
IOS.FN30.350.12 R USL1M P 01/12/43 CS	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 BC	0.00
GNR 2012-141 WI IO 03.5000 11/20/2041	0.00
SEK/USD 03/17/2021 HSBCB	0.00
GBP/USD 03/17/2021 WPAC	0.00
2.2225 R ISWP FWD US0003M P 06/05/2029	0.00

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0.45 R ISWP FWD US0003M P 03/17/2026	0.00
GNR 2013-102 IP IO 03.5000 06/20/2043	0.00
NOK/USD 03/17/2021 MSCIL	0.00
SWPTN 10YX20Y R 2.8175 USD 03/23/2027 GS	0.00
EUR/USD 03/17/2021 RBSF	0.00
SWPTN 10YX20Y P 1.275 USD 03/05/2030 BA	0.00
EUR/USD 03/17/2021 GSFX	0.00
1.275 R ISWP FWD US0003M P 03/07/2050	0.00
MLCFC 2006-4 XC IO P/P 144A 00.5430 12/12/2049	0.00
GNR 2011-116 IB IO 05.0000 10/20/2040	0.00
GNR 2015-82 GI IO 03.5000 12/20/2038	0.00
1.20 R ISWP FWD CDOR03 P 03/17/2031	0.00
GLOW ENERGY PCL - FOREIGN SEDOL B074GX9	0.00
HKD/USD 02/17/2021 MSCIL	0.00
EUR/USD 03/17/2021 WPAC	0.00
CHF/USD 03/17/2021 CITI	0.00
HKD/USD 02/17/2021 TDBK	0.00
CHF/USD 03/17/2021 MSCIL	0.00
SWPTN 2YX30Y P 2.3075 USD 06/20/2022 BA	0.00
HKD/USD 02/17/2021 UBS	0.00
JPY/USD 02/17/2021 GSFX	0.00
HKD/USD 02/17/2021 BANKAM	0.00
CHF/USD 03/17/2021 JPMCB	0.00
HKD/USD 02/17/2021 HSBCB	0.00
CHF/USD 03/17/2021 UBS	0.00
HKD/USD 02/17/2021 SSBT	0.00
AUD/USD 01/20/2021 WPAC	0.00
2.3075 R ISWP FWD US0003M P 06/22/2052	0.00
CHF/USD 03/17/2021 RBSF	0.00
NOK/USD 03/17/2021 UBS	0.00
GBP/USD 03/17/2021 TDBK	0.00
1.16 R ISWP US0003M P 10/16/2050	0.00
SWPTN 10YX20Y P 2.8175 USD 03/23/2027 GS	0.00
CNH/USD 02/18/2021 JPMCB	0.00
CNH/USD 02/18/2021 WPAC	0.00
-0.30 R ISWP FWD EUR006M P 03/17/2031	0.00
CHF/USD 03/17/2021 TDBK	0.00
SWPTN 10YX20Y R 1.275 USD 03/05/2030 BA	0.00
NOK/USD 03/17/2021 SSBT	0.00
CMB CMBX.NA.BBB-6 2063-05-11 300.0 05/11/2063 BA	0.00
JPY/USD 02/17/2021 WPAC	0.00
CHF/USD 03/17/2021 CSI-FX	0.00
CHF/USD 03/17/2021 SSBT	0.00
SEK/USD 03/17/2021 TDBK	0.00
EUR/USD 03/17/2021 CSI-FX	0.00

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EUR/USD 03/17/2021 MSCIL	0.00
CHF/USD 03/17/2021 GSFY	0.00
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	0.00
TWD/USD 02/17/2021 JPMCB	0.00
2.184 R ISWP FWD US0003M P 12/07/2030	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	0.00
1.27 R ISWP FWD US0003M P 01/27/2047	0.00
CAD/USD 01/20/2021 BCAP-FX	0.00
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	0.00
SEK/USD 03/17/2021 CITI	0.00
INR/USD 02/17/2021 JPMCB	0.00
0.90 R ISWP FWD NFIX3MID P 03/17/2031	0.00
INR/USD 02/17/2021 HSBCB	0.00
0.12 R ISWP FWD SONIA P 03/17/2031	0.00
JPY/USD 02/17/2021 SSBT	0.00
JPY/USD 02/17/2021 BANKAM	0.00
GBP/USD 03/17/2021 CITI	0.00
CHF/USD 03/17/2021 HSBCB	0.00
CNH/USD 02/18/2021 BANKAM	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
GBP/USD 03/17/2021 UBS	0.00
NZD/USD 01/20/2021 HSBCB	0.00
AUD/USD 01/20/2021 CITI	0.00
SWPTN 2YX30Y R 2.3075 USD 06/20/2022 BA	0.00
MXN/USD 01/20/2021 BANKAM	0.00
1.20 R ISWP FWD NOKOIB6M P 03/17/2031	0.00
EUR/USD 03/17/2021 CITI	0.00
CAD/USD 01/20/2021 CSI-FX	0.00
EUR/USD 03/17/2021 BCAP-FX	0.00
GBP/USD 03/17/2021 CSI-FX	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
SEK/USD 03/17/2021 RBSF	0.00
TWD/USD 02/17/2021 GSFY	0.00
NOK/USD 03/17/2021 RBSF	0.00
SWPTN 5YX30Y P 2.8325 USD 02/15/2022 JP	0.00
0.90 R ISWP FWD AUDBB6M P 03/17/2031	-0.01
SEK/USD 03/17/2021 BCAP-FX	-0.01
SWPTN 3MX5Y R 0.418 USD 01/13/2021 BC	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
NZD/USD 01/20/2021 TDBK	-0.01
EUR/USD 03/17/2021 TDBK	-0.01
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.01
IOS.FN30.350.12 P USL1M R 01/12/43 BC	-0.01

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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
AUD/USD 01/20/2021 PSBS	-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
IOS.FN30.300.13 P USL1M R 01/12/44 GS	-0.01
EUR/USD 03/17/2021 JPMCB	-0.01
IOS.FN30.400.10 P USL1M R 01/12/41 CS	-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
IOS.FN30.400.14 P USL1M R 01/12/45 JP	-0.01
NZD/USD 01/20/2021 JPMCB	-0.01
GBP/USD 03/17/2021 SSBT	-0.01
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 CS	-0.01
NZD/USD 01/20/2021 PSBS	-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
IOS.FN30.350.12 P USL1M R 01/12/43 GS	-0.01
CAD/USD 01/20/2021 JPMCB	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CAD/USD 01/20/2021 BANKAM	-0.01
CNH/USD 02/18/2021 HSBCB	-0.01
EUR/USD 03/17/2021 SSBT	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.01
NZD/USD 01/20/2021 BANKAM	-0.01
CMB CMBX.NA.BB.7 2047-01-17 500.0 01/17/2047 CG	-0.01
AUD/USD 01/20/2021 BANKAM	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
NZD/USD 01/20/2021 WPAC	-0.02
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 BC	-0.02
IOS.FN30.400.14 P US0001M R 01/12/45 JP	-0.02
215600 KS P US0001M R 12/15/25 GS	-0.02
CAD/USD 01/20/2021 TDBK	-0.02
NZD/USD 01/20/2021 CITI	-0.03
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.03
CMB CMBX.NA.BB.6 2063-05-11 500.0 05/11/2063 CG	-0.03
NZD/USD 01/20/2021 RBSF	-0.03
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.04
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.04

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AUD/USD 01/20/2021 UBS	-0.05
NZD/USD 01/20/2021 GSF	-0.05
1.25 R ISWP FWD US0003M P 03/17/2051	-0.05
EBIX US P R 07/05/22 CI	-0.06
SWI US P US0001M R 07/05/22 CI	-0.06
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.06
OSIS US P R 07/05/22 CI	-0.07
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 MS	-0.07
ZYXI US P US0001M R 07/05/22 CI	-0.08
CDX CDX.NA.HY.35 500.0 12/20/2025	-0.08
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.09
PBH US P US0001M R 07/05/22 CI	-0.12
BGS US P R 07/05/22 CI	-0.13
ACIW US P R 07/05/22 CI	-0.13
BRKR US P US0001M R 07/05/22 CI	-0.15
WDFC US P US0001M R 07/05/22 CI	-0.15
PDCO US P R 07/05/22 CI	-0.16
QLYS US P US0001M R 07/05/22 CI	-0.17
OTEX US P US0001M R 12/15/25 GS	-0.18
BEAT US P US0001M R 07/05/22 CI	-0.18
SVMK US P US0001M R 07/05/22 CI	-0.18
TPIC US P US0001M R 07/05/22 CI	-0.18
DY US P R 07/05/22 CI	-0.19
XP US P US0001M R 07/05/22 CI	-0.19
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 ML	-0.21
STOR US P US0001M R 07/05/22 CI	-0.24
VRT US P US0001M R 07/05/22 CI	-0.25
PB US P US0001M R 07/05/22 CI	-0.29
SKX US P US0001M R 07/05/22 CI	-0.30
OSK US P US0001M R 07/05/22 CI	-0.30
ELAN US P US0001M R 07/05/22 CI	-0.42
BYND US P US0001M R 07/05/22 CI	-0.43
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CG	-0.44
BHC US P R 07/05/22 CI	-0.50
HZNP US P US0001M R 07/05/22 CI	-0.51
LUMN US P US0001M R 07/05/22 CI	-0.56
AAXN US P US0001M R 07/05/22 CI	-0.57
WAB US P R 07/05/22 CI	-0.63
TSLA US P R 07/05/22 CI	-0.63
RL US P US0001M R 07/05/22 CI	-0.69
S&P500 EMINI FUT MAR21 ESH1	-0.77
RH US P US0001M R 07/05/22 CI	-0.82
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 JP	-0.83
MIDD US P US0001M R 07/05/22 CI	-0.85
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CS	-0.87

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EVBG US P US0001M R 07/05/22 CI	-0.87
MSCI EAFE MAR21 MFSH1	-0.87
PLUG US P US0001M R 07/05/22 CI	-0.93
AAP US P US0001M R 07/05/22 CI	-0.97
ILMN US P US0001M R 07/05/22 CI	-1.09
STX US P US0001M R 12/15/25 GS	-1.11
FSLR US P US0001M R 07/05/22 CI	-1.13
CTXS US P US0001M R 07/05/22 CI	-1.29
NDUEEGF P US0001M R 11/02/21 CS	-6.48
NDUEEGF P US0001M R 11/02/21 UB	-6.48
US 2YR NOTE (CBT) MAR21 TUH1	-19.96
RU10INTR P US0003M R 06/20/23 BA	-22.74
GSGLPWDS P US0001M R 12/15/25 GS	-23.82
SPTR P US0001M R 05/22/23 UB	-34.91

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US 10YR NOTE (CBT)MAR21 TYH1	45.45
UBSPUSER R US0001M P 05/22/23 UB	41.80
GSGLPWDL R US0001M P 12/15/25 GS	23.99
MLFCF15 R US0003M P 06/20/23 BA	22.89
CGPUTQL2 R US0003M P 06/10/21 CI	20.74
JPCMPTFL R US0001M P 11/23/21 JP	19.50
FNMA FN30 TBA UMBS 04.0000 01/01/2051	4.62
FNMA FN30 TBA UMBS 03.5000 12/01/2050	4.57
FNMA FN30 TBA UMBS 02.5000 12/01/2050	4.54
FNMA FN30 TBA UMBS 02.5000 01/01/2051	4.53
FNMA FN30 TBA UMBS 03.0000 12/01/2050	4.52
GSISXT27 R 0.2 P 12/15/20 GS	3.48
TREASURY BILL 00.0000 12/08/2020	3.46
GSVIUS85 R 0.45 P 12/15/20 GS	3.02
GSGLPHCL R US0001M P 12/15/25 GS	2.77
US 10YR ULTRA FUT MAR21 UXYH1	2.72
CASH MGMT BILL 00.0000 02/16/2021	2.60
CASH MGMT BILL 00.0000 03/02/2021	2.60
BAML COMMODITY MLBX4SX6 ER STRATEGY 3X 144A NOTE 1/12/2021	2.21
CITI COMMOD F3-F0 4X LEVERED INDEX 3X NOTE 1/25/2021	2.13
GSVIVV69 R 0.3 P 12/15/20 GS	1.62
COMM SERV SELECT SECTOR SPDR SEDOL BFXHC51	1.61
CONSUMER DISCRETIONARY SELT SEDOL 2424341	1.59
CONSUMER STAPLES SPDR SEDOL 2369389	1.55
HEALTH CARE SELECT SECTOR SEDOL 2371823	1.54
MATERIALS SELECT SECTOR SPDR SEDOL 2436841	1.54
TECHNOLOGY SELECT SECT SPDR SEDOL 2369709	1.52
CITI CROSS-ASSET TREND 10% VOL INDEX	1.51
FED HOME LN DISCOUNT NT 313384R76 GDC 12/02/2020	1.08

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NATIONWIDE BUILDING SOCIETY 6385E0M26 DCP 12/02/2020	1.08
FED HOME LN DISCOUNT NT 313384S83 GDC 12/11/2020	1.08
MIZUHO BANK LTD/NEW YORK NY 60689FM88 DCP 12/08/2020	1.08
SOCIETE GENERALE SA 83369BM94 DCP 12/09/2020	1.08
MITSUBISHI UFJ TRUST & BANKIN 60682YMF8 DCP 12/15/2020	1.08
MANHATTAN ASSET FUNDING CO LL 56274LMF8 DCP 12/15/2020	1.08
AUSTRALIA & NEW ZEALAND BANKI 05253AMN7 DCP 12/22/2020	1.08
TORONTO-DOMINION BANK/THE 89119AMM7 DCP 12/21/2020	1.08
CHARIOT FUNDING LLC 15963TMJ5 DCP 12/18/2020	1.08
NATIONAL BANK OF CANADA 63307LN49 DCP 01/04/2021	1.08
FHLB 313385CG9 GDC 02/24/2021	1.08
SUMITOMO MITSUI TRUST BANK LT 86564YP30 DCP 02/03/2021	1.08
SKANDINAVISKA ENSKILDA BANKEN 83050TPJ4 DCP 02/18/2021	1.08
BPCE SA 05571BQK2 DCP 03/19/2021	1.08
ALIBABA GROUP HOLDING LTD SEDOL BK6YZP5	0.96
GSVICUB3 R 0.45 P 12/15/20 GS	0.93
SAMSUNG ELECTRONICS CO LTD SEDOL 6771720	0.82
ISHARES MSCI INDIA ETF SEDOL B6XGR7	0.67
TAIWAN SEMICONDUCTOR-SP ADR SEDOL 2113382	0.59
GSVIVVOL R 0.3 P 12/15/20 GS	0.59
TENCENT HOLDINGS LTD SEDOL BMMV2K8	0.57
S&P GSCI INDEX ER **INVERSE**	0.53
REPUBLICA ORIENT URUGUAY USD 04.3750 10/27/2027	0.36
JD.COM INC-ADR SEDOL BMM27D9	0.33
NDEUSIA R US0003M P 02/12/21 UB	0.31
CAS 2016-C02 1B 12.4001 09/25/2028	0.31
PING AN INSURANCE GROUP CO-H SEDOL B01FLR7	0.28
CDX CDX.EM.34 100.0 12/20/2025	0.26
SANY HEAVY INDUSTRY CO LTD 144A REGS WARRANT 12/21/2020	0.23
KB FINANCIAL GROUP INC SEDOL B3DF0Y6	0.23
YUM CHINA HOLDINGS INC SEDOL BYW4289	0.23
VALE SA-SP ADR SEDOL 2857334	0.23
KWEICHOW MOUTAI CO LTD 144A/REGS WARRANT 10/01/2021	0.23
SOUTHERN COPPER CORP SEDOL 2823777	0.22
BAML COMMODITY MLBX4SX6 ER STRATEGY 3X NOTE 9/2/2021	0.22
FNR 2017-74 SA IO 05.5999 10/25/2047	0.22
UNITED MICROELECTRONICS CORP SEDOL 6916628	0.21
HANA FINANCIAL GROUP SEDOL B0RNRFS	0.21
NETEASE INC-ADR SEDOL 2606440	0.21
SHENZHEN MINDRAY BIO-MEDICAL ELEC CO 144A/REGS WARRANT 12/10	0.20
POLY DEVELOPMENTS AND HOLD 144A/REGS WARRANT 07/29/2021	0.19
LG ELECTRONICS INC SEDOL 6520739	0.19
ADVANCED INFO SERVICE-FOR RG SEDOL 6412591	0.19
CHAROEN POKPHAND FOOD-FORGN SEDOL B5L2DG6	0.19
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 JP	0.17

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WFRBS 2012-C7 F P/P 144A 04.5000 06/15/2045	0.17
COUNTRY GARDEN SERVICES HOLD SEDOL BDQZP48	0.17
GLOBALWAFERS CO LTD SEDOL BS7JP33	0.17
MMC NORILSK NICKEL PJSC-ADR SEDOL BYSW6D0	0.17
ANHUI CONCH CEMENT CO LTD-H SEDOL 6080396	0.17
PARADE TECHNOLOGIES LTD SEDOL B6RV676	0.16
GNR 2018-153 AI IO 04.5000 09/16/2045	0.15
CAS 2017-C02 2M2 03.8001 09/25/2029	0.14
GNR 2020-33 SA IO 05.9535 03/20/2050	0.14
ZHONGSHENG GROUP HOLDINGS SEDOL B633D97	0.13
SCRT 2019-4 M 04.5000 02/25/2059	0.13
GNR 2020-173 MI IO 02.5000 11/20/2050	0.13
LUKOIL PJSC-SPON ADR SEDOL BYZDW27	0.13
FNR 2016-3 MI IO 05.5000 02/25/2046	0.13
MWST 2019-1 A 00.9501 06/25/2052	0.12
BANCO SANTANDER BRASIL-UNIT SEDOL B4V5RY4	0.12
ANGLO AMERICAN PLATINUM LTD SEDOL 6761000	0.12
BANK OF SHANGHAI 144A/REGS WARRANT 12/02/2020	0.12
CMLTI 2007-AR5 1A1A 03.7351 04/25/2037	0.12
CNOOC LTD SEDOL B00G0S5	0.12
GNR 2014-184 DI IO 05.5000 12/16/2044	0.11
FUBON FINANCIAL HOLDING CO SEDOL 6411673	0.11
REALTEK SEMICONDUCTOR CORP SEDOL 6051422	0.11
FNR 2015-30 IO IO 05.5000 05/25/2045	0.11
CHAILEASE HOLDING CO LTD SEDOL B58J1S8	0.11
GNR 2015-H11 CI IO 02.7838 05/20/2065	0.11
SHRP 2020-1 NOTE 03.1091 07/25/2024	0.11
SPST 2020-13 A 01.6501 10/10/2021	0.11
SPST 2020-2 A 00.9755 03/26/2021	0.11
MWST 2020-1 A 01.0501 10/25/2053	0.11
SPST 2020-15 A 01.5201 12/10/2021	0.11
GNR 2010-125 SD IO 06.5391 01/16/2040	0.11
HUNDSUN TECHNOLOGIES INC 144A/REGS WARRANT 07/29/2021	0.10
UNITED MEXICAN STATES USD 05.5500 01/21/2045	0.10
PETROBRAS GLOBAL FINANCE USD 06.2500 03/17/2024	0.10
FNR 2018-51 IO IO 06.5000 07/25/2048	0.10
CHINA MINSHENG BANKING COR-H SEDOL B57JY24	0.10
TOP GLOVE CORP BHD SEDOL B05L892	0.10
ENBRIDGE INC USD 04.2500 12/01/2026	0.10
SUOFEIYA HOME COLLECTION C-A 144A/REGS WARRANT 10/28/2021	0.10
CMB CMBX.NA.BB.7 2047-01-17 500.0 01/17/2047 GS	0.10
GNR 2016-H02 BI IO 02.2958 11/20/2065	0.09
QUANTA COMPUTER INC SEDOL 6141011	0.09
FNR 2020-47 ID IO 04.0000 07/25/2050	0.09
RISESUN REAL ESTATE DEV-A 144A/REGS WARRANT 11/02/2021	0.09

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FNR 2016-88 SK IO	05.8499 12/25/2046	0.09
GRUPO FINANCIERO GALICIA-ADR	SEDOL 2613570	0.09
FNR 2017-8 SB IO	05.9499 02/25/2047	0.09
KIA MOTORS CORP	SEDOL 6490928	0.08
CHINA FEIHE LTD	SEDOL BK0SBL1	0.08
DAELIM INDUSTRIAL CO LTD	SEDOL 6249584	0.08
GNR 2015-H15 JI IO	01.9543 06/20/2065	0.08
GNR 2015-H25 BI IO	01.9291 10/20/2065	0.08
GNR 2017-H11 NI IO	02.3832 05/20/2067	0.08
JIANGSU HENGLI HYDRAULIC C-A 144A/REGS WARRANT	03/23/2022	0.08
DINO POLSKA SA	SEDOL BD0YVN2	0.08
GNR 2016-135 PI IO	04.0000 05/20/2046	0.08
CHINA RESOURCES CEMENT	SEDOL B41XC98	0.08
STACR 2020-HQA2 M2	03.2501 03/25/2050	0.07
GNR 2015-H24 HI IO	02.0446 09/20/2065	0.07
FOSHAN HAITIAN FLAVOURING & FOOD 144A/REGS WARRANT	03/12/202	0.07
SPY 20211015 P 275.00BANKAM		0.07
FHR 4964 IA IO	04.5000 03/25/2050	0.07
HARTALEGA HOLDINGS BHD	SEDOL B2QPJK5	0.07
FNR 2017-108 SA IO	05.9999 01/25/2048	0.07
RADIANT OPTO-ELECTRONICS COR	SEDOL 6520278	0.07
GNR 2018-91 SJ IO	06.1035 07/20/2048	0.07
FNR 2020-16 SG IO	05.8999 03/25/2050	0.07
HYUNDAI MOBIS CO LTD	SEDOL 6449544	0.07
KUMBA IRON ORE LTD	SEDOL B1G4262	0.07
GNR 2015-H25 AI IO	01.6134 09/20/2065	0.07
SPY 20210917 P 270.00JPMCB		0.07
HELLENIC TELECOMMUN ORGANIZA	SEDOL 5051605	0.07
GNR 2010-68 SD IO	06.4335 06/20/2040	0.06
CAS 2017-C03 1M2	03.1501 10/25/2029	0.06
SPY 20210820 P 275.00CITI		0.06
FNR 2012-19 S IO	05.7999 03/25/2042	0.06
GNR 2016-51 MS IO	05.9035 04/20/2046	0.06
GNR 2017-H14 DI IO	01.7088 06/20/2067	0.06
HYPERA SA	SEDOL B2QY968	0.06
GNR 2019-121 DS IO	05.9535 08/20/2049	0.06
CIA DE TRANSMISSAO DE ENE-PF	SEDOL 2440972	0.06
SINOTRUK HONG KONG LTD	SEDOL B296ZH4	0.06
CMB CMBX.NA.BB.9 2058-09-17 500.0	09/17/2058 CG	0.06
GNR 2015-H09 AI IO	03.2161 04/20/2065	0.06
FNR 2017-32 IP IO	04.5000 05/25/2047	0.06
GNR 2015-H26 GI IO	01.7978 10/20/2065	0.06
GNR 2018-H05 AI IO	02.5263 02/20/2068	0.06
WFRBS 2011-C3 E P/P 144A	05.0000 03/15/2044	0.06
PETROBRAS GLOBAL FINANCE USD	08.7500 05/23/2026	0.06

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GNR 2015-H20 CI IO	02.1878	08/20/2065	0.06
WAMU 2004-AR12 A2B	01.0701	10/25/2044	0.06
PETROBRAS GLOBAL FINANCE USD	06.1250	01/17/2022	0.05
FNR 2016-65 CS IO	05.9499	09/25/2046	0.05
GNR 2014-H21 AI IO	01.6213	10/20/2064	0.05
GNR 2016-150 I IO	05.0000	11/20/2046	0.05
PROVINCIA DE BUENOS P/P 144A	10.8750	01/26/2021	0.05
SHANDONG BUCHANG PHARMACEUTICALS CO LTD	144A/REGS	WARRANT 12	0.05
CAS 2015-C04 1M2	05.8501	04/25/2028	0.05
GNR 2017-H02 BI IO	02.3147	01/20/2067	0.05
GNR 2015-H19 NI IO	01.9068	07/20/2065	0.05
SEEGENE INC	SEDOL B679Q36		0.05
NIEN MADE ENTERPRISE CO LTD	SEDOL BSZLN15		0.05
LITE-ON TECHNOLOGY CORP	SEDOL 6519481		0.05
BANCO MACRO SA-ADR	SEDOL B0Y62M9		0.05
GNR 2015-H09 BI IO	01.6840	03/20/2065	0.05
PETROBRAS GLOBAL FIN	USD 05.9990	01/27/2028	0.05
LOGAN GROUP CO LTD	SEDOL BH6X937		0.05
0.45 R ISWP FWD SOFRRATE P	12/16/2030		0.05
MEITUAN-CLASS B	SEDOL BGJW376		0.05
COM7 PCL-F	SEDOL BZ2YN49		0.05
FNR 2013-130 SD IO	06.4499	01/25/2044	0.05
GNR 2018-104 SD IO	06.0535	08/20/2048	0.05
JPMBB 2013-C14 E	P/P 144A 04.8585	08/15/2046	0.05
GNR 2015-H24 BI IO	01.6067	08/20/2065	0.05
WANT WANT CHINA HOLDINGS LTD	SEDOL B2Q14Z3		0.05
CTBC FINANCIAL HOLDING CO LT	SEDOL 6527666		0.05
GSMS 2014-GC24 D	P/P 144A 04.6645	09/10/2047	0.04
CAS 2017-C02 2B1	05.6501	09/25/2029	0.04
GNR 2015-H22 GI IO	02.5948	09/20/2065	0.04
SAMSUNG ENGINEERING CO LTD	SEDOL 6765239		0.04
GNR 2016-H03 AI IO	03.2736	01/20/2066	0.04
JPMCC 2006-LDP9 AMS	05.3370	05/15/2047	0.04
GNR 2015-H10 CI IO	01.8005	04/20/2065	0.04
GNR 2017-H06 BI IO	02.2179	02/20/2067	0.04
ORION CORP/REPUBLIC OF KOREA	SEDOL BDVLJ72		0.04
SEAZEN HOLDINGS CO 144A/REGS	WARRANT 05/06/2021		0.04
CAS 2020-R01 1B1	03.4001	01/25/2040	0.04
PRESIDENT CHAIN STORE CORP	SEDOL 6704986		0.04
ECOPETROL SA-SPONSORED ADR	SEDOL B3D6J19		0.04
FENG TAY ENTERPRISE CO LTD	SEDOL 6336055		0.04
BURSA MALAYSIA BHD	SEDOL B06FV38		0.04
TISCO FINANCIAL-FOREIGN	SEDOL B3KFW76		0.04
CHINA SHENHUA ENERGY CO-H	SEDOL B09N7M0		0.04
FHR 4134 PI IO	03.0000	11/15/2042	0.04

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TAISHIN FINANCIAL HOLDING	SEDOL 6451680	0.04
FNR 2016-3 NI IO	06.0000 02/25/2046	0.04
PETROLEOS MEXICANOS	USD 06.3750 01/23/2045	0.04
SPY 20210716 P 255.00CITI		0.04
GNR 2015-53 MI IO	04.0000 04/16/2045	0.04
GNR 2016-H08 GI IO	01.4265 04/20/2066	0.04
FHR 4752 PS IO	06.0591 11/15/2047	0.04
GNR 2015-80 IA IO	04.5000 06/20/2045	0.04
ZOOMLION HEAVY INDUSTRY - H	SEDOL B544N70	0.04
UNITED INTEGRATED SERVICES	SEDOL 6105136	0.03
CMB CMBX.NA.BBB-.7 2047-01-17	300.0 01/17/2047 MS	0.03
MARFRIG GLOBAL FOODS SA	SEDOL B1YWHR4	0.03
CAS 2018-C05 1M2	02.5001 01/25/2031	0.03
SYNNEX TECHNOLOGY INTL CORP	SEDOL 6868439	0.03
CMB CMBX.NA.BB.6 2063-05-11	500.0 05/11/2063 CS	0.03
PLDT INC	SEDOL BDGN274	0.03
GNR 2015-167 BI IO	04.5000 04/16/2045	0.03
GNR 2016-H16 DI IO	02.6407 06/20/2066	0.03
NZD/USD 01/20/2021 UBS		0.03
GNR 2015-H16 XI IO	02.4469 07/20/2065	0.03
LUENMEI QUANTUM CO LTD 144A/REGS WARRANT	12/02/2021	0.03
PEGATRON CORP	SEDOL B4PLX17	0.03
HENGAN INTL GROUP CO LTD	SEDOL 6136233	0.03
GNR 2015-105 LI IO	05.0000 10/20/2039	0.03
GNR 2014-146 EI IO	05.0000 10/20/2044	0.03
GNR 2015-187 JI IO	04.0000 03/20/2045	0.03
GNR 2010-9 UI IO	05.0000 01/20/2040	0.03
INDOFOOD SUKSES MAKMUR TBK P	SEDOL 6283979	0.03
GNR 2016-37 IW IO	04.5000 02/20/2046	0.03
GNR 2013-6 AI IO	03.5000 08/20/2039	0.03
GNR 2011-17 S IO	05.9035 02/20/2041	0.03
CAS 2017-C06 2M2	02.9501 02/25/2030	0.03
CMB CMBX.NA.BB.7 2047-01-17	500.0 01/17/2047 GS	0.03
SPY 20210618 P 250.00JPMCB		0.03
GNR 2018-127 IB IO	04.5000 06/20/2045	0.03
FHR 4259 DI IO	04.0000 06/15/2043	0.03
CMB CMBX.NA.BB.9 2058-09-17	500.0 09/17/2058 CS	0.02
NZD/USD 01/20/2021 MSCIL		0.02
GNR 2013-20 QI IO	04.5000 12/16/2042	0.02
CHINA YUHUA EDUCAT	SEDOL BYWPGC4	0.02
CWHL 2005-3 1A1	00.7701 04/25/2035	0.02
GNR 2016-H04 KI IO	02.8379 02/20/2066	0.02
GNR 2017-57 AI IO	04.0000 06/20/2045	0.02
HAITIAN INTERNATIONAL HLDGS	SEDOL B1L2RC2	0.02
SIME DARBY BERHAD	SEDOL B29TTR1	0.02

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KT CORP	SEDOL 6505316	0.02
FNR 2017-2 KI IO	04.0000 02/25/2047	0.02
TOFAS OTOMOBIL FAB	SEDOL B03MY33	0.02
GNR 2018-127 ID IO	05.0000 07/20/2045	0.02
DIALOG GROUP BHD	SEDOL B00MRS2	0.02
GNR 2009-121 UI IO	05.0000 12/20/2039	0.02
HONG LEONG BANK BERHAD	SEDOL 6436892	0.02
BIM BIRLESIK MAGAZALAR AS	SEDOL B0D0006	0.02
COMMERCIAL INTL BANK-GDR REG	SEDOL 5668287	0.02
PETRONAS GAS BHD	SEDOL 6703972	0.02
FAR EASTONE TELECOMM CO LTD	SEDOL 6421854	0.02
GNR 2010-20 UI IO	05.0000 02/20/2040	0.02
NICE INFORMATION SERVICE CO	SEDOL 6248332	0.02
IOS.FN30.400.14 R USL1M P 01/12/45 CS		0.02
GNR 2014-163 NI IO	05.0000 02/20/2044	0.02
FHR 4568 MI IO	04.0000 04/15/2046	0.02
PTT EXPLORATION & PROD-FOR	SEDOL B1359J0	0.02
SWPTN 3MX5Y P 0.418 USD 01/13/2021 BC		0.02
IOS.FN30.350.12 R USL1M P 01/12/43 CS		0.02
GNR 2015-H10 EI IO	01.6140 04/20/2065	0.02
ELECTRICITY GEN PUB CO-FOR R	SEDOL 6304643	0.02
GNR 2015-H18 IA IO	01.8317 06/20/2065	0.02
SHANGHAI PUDONG DEV BANK 144A/REGS WARRANT 11/10/2021		0.02
SEK/USD 12/16/2020 SSBT		0.02
NZD/USD 01/20/2021 BCAP-FX		0.01
PRESS METAL ALUMINIUM HOLDIN	SEDOL BFOJ5S4	0.01
SPY 20210521 P 235.00BANKAM		0.01
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 ML		0.01
GNR 2015-24 IA IO	03.5000 02/20/2045	0.01
KRW/USD 02/17/2021 JPMCB		0.01
GNR 2011-H15 AI IO	01.5312 06/20/2061	0.01
BBVA ARGENTINA SA-ADR	SEDOL BKT4TC7	0.01
GNR 2013-129 SN IO	06.0035 09/20/2043	0.01
UBSBB 2012-C2 F P/P 144A 05.0000 05/10/2063		0.01
KRW/USD 02/17/2021 HSBCB		0.01
TECO ELECTRIC & MACHINERY	SEDOL 6879851	0.01
CELLTRION INC	SEDOL B0C5YV1	0.01
GBP/USD 12/16/2020 SSBT		0.01
FHR 4801 IG IO	03.0000 06/15/2048	0.01
GBP/USD 12/16/2020 MSCIL		0.01
FEDERAL GRID CO UNIFIED ENER	SEDOL B39RR67	0.01
CLP/USD 01/20/2021 CITI		0.01
QUALITAS CONTROLADORA SAB CV	SEDOL BYMXF65	0.01
BANK BTPN SYARIAH TBK PT	SEDOL BFNBJ41	0.01
CAD/USD 01/20/2021 HSBCB		0.01

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GNR 2018-127 IE IO	03.5000	01/20/2046	0.01
FHR 3747 SA IO	06.3591	10/15/2040	0.01
FNR 2013-35 PI IO	03.0000	02/25/2042	0.01
FRONTKEN CORP BHD	SEDOL B18TLC4		0.01
FHR 4193 PI IO	04.0000	03/15/2043	0.01
AUD/USD 01/20/2021 CSI-FX			0.01
CMB CMBX.NA.BB.11 2054-11-18	500.0	11/18/2054 CG	0.01
SEK/USD 12/16/2020 UBS			0.01
CAD/USD 01/20/2021 MSCIL			0.01
GNR 2016-75 EI IO	03.5000	08/20/2045	0.01
FNR 2012-151 PI IO	03.0000	01/25/2043	0.01
GNR 2013-24 PI IO	04.0000	11/20/2042	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
CMB CMBX.NA.BB.9 2058-09-17	500.0	09/17/2058 MS	0.01
AUD/USD 01/20/2021 HSBCB			0.01
SWPTN 5YX30YR 2.8325 USD		02/15/2022 JP	0.01
RUENTEX DEVELOPMENT CO LTD	SEDOL 6748423		0.01
GBP/USD 12/16/2020 WPAC			0.01
0.35 R ISWP FWD US0003M P		12/16/2025	0.01
FHR 4206 IP IO	03.0000	12/15/2041	0.01
PUREGOLD PRICE CLUB INC	SEDOL B725S29		0.01
KWG GROUP HOLDINGS LTD	SEDOL B1YBF00		0.01
CMB CMBX.NA.BB.11 2054-11-18	500.0	11/18/2054 ML	0.01
PROVINCIA DE BUENOS	34.1871	05/31/2022	0.01
SEK/USD 12/16/2020 GSFY			0.01
IOS.FN30.400.14 R USL1M P		01/12/45 CS	0.01
IOS.FN30.400.14 R USL1M P		01/12/45 GS	0.01
CHINA BIOLOGIC PRODUCTS HOLD	SEDOL BF0G7L2		0.01
CAD/USD 01/20/2021 UBS			0.01
GNR 2015-124 NI IO	03.5000	06/20/2039	0.01
CAD/USD 01/20/2021 GSFY			0.01
MISC BHD	SEDOL 6557997		0.01
EUR/USD 12/16/2020 HSBCB			0.01
GNR 2013-157 IA IO	03.5000	04/20/2040	0.01
GNR 2010-35 QI IO	04.5000	03/20/2040	0.01
GNR 2013-79 XI IO	03.5000	11/20/2039	0.01
GNR 2013-23 IK IO	03.0000	09/20/2037	0.01
CAS 2015-C02 2M2	04.1501	05/25/2025	0.01
GNR 2010-134 ES IO	05.8535	11/20/2039	0.01
NOK/USD 12/16/2020 HSBCB			0.01
NOK/USD 12/16/2020 GSFY			0.01
CAD/USD 01/20/2021 RBSF			0.01
AUD/USD 01/20/2021 TDBK			0.01

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CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CG	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CG	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 MS	0.01
IOS.FN30.650.67 R USL1M P 01/12/38 BC	0.01
EUR/USD 12/16/2020 BANKAM	0.01
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
GNR 2015-99 LI IO 04.0000 07/20/2045	0.00
GBP/USD 12/16/2020 RBSF	0.00
REPUBLIC OF VENEZUELA REGS 07.6500 04/21/2025	0.00
NZD/USD 01/20/2021 CSI-FX	0.00
GNR 2013-100 MI IO 03.5000 02/20/2043	0.00
0.30 R ISWP FWD SES3M P 12/16/2030	0.00
CAD/USD 01/20/2021 WPAC	0.00
CAD/USD 01/20/2021 PSBS	0.00
GBP/USD 12/16/2020 JPMCB	0.00
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 CG	0.00
FNR 2012-136 PI IO 03.5000 11/25/2042	0.00
EUR/USD 12/16/2020 RBSF	0.00
PETROLEOS DE VENEZUELA S REGS 05.3750 04/12/2027	0.00
GNR 2014-133 AI IO 04.0000 10/20/2036	0.00
GNR 2015-96 NI IO 03.5000 01/20/2039	0.00
NZD/USD 01/20/2021 JPMCB	0.00
FHR 4073 AS IO 05.9091 08/15/2038	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 BA	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 BA	0.00
FHR 4099 BI IO 03.5000 06/15/2039	0.00
FNR 2013-31 NI IO 03.0000 06/25/2041	0.00
SEK/USD 12/16/2020 JPMCB	0.00
GBP/USD 12/16/2020 UBS	0.00
1.2965 R ISWP US0003M P 11/17/2050	0.00
JPY/USD 02/17/2021 UBS	0.00
GBP/USD 12/16/2020 TDBK	0.00
GBP/USD 12/16/2020 HSBCB	0.00
EUR/USD 12/16/2020 MSCIL	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
JPY/USD 02/17/2021 HSBCB	0.00
SEK/USD 12/16/2020 HSBCB	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 CI	0.00
KWG LIVING GROUP HOLDINGS LT SEDOL BLPJPQ9	0.00
FHR 4097 PI IO 03.5000 11/15/2040	0.00
1.284 R ISWP US0003M P 12/01/2050	0.00
GNR 2012-141 WI IO 03.5000 11/20/2041	0.00

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NOK/USD 12/16/2020 JPMCB	0.00
IOS.FN30.350.12 R USL1M P 01/12/43 CS	0.00
0.97 R ISWP US0003M P 11/12/2030	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 BC	0.00
2.2225 R ISWP FWD US0003M P 06/05/2029	0.00
0.248 R ISWP US0003M P 11/12/2022	0.00
GNR 2013-102 IP IO 03.5000 06/20/2043	0.00
JPY/USD 02/17/2021 BCAP-FX	0.00
1.2765 R ISWP US0003M P 11/20/2050	0.00
SWPTN 10YX20Y R 2.8175 USD 03/23/2027 GS	0.00
EUR/USD 12/16/2020 WPAC	0.00
GBP/USD 12/16/2020 CSI-FX	0.00
0.25 R ISWP FWD US0003M P 12/16/2022	0.00
SEK/USD 12/16/2020 MSCIL	0.00
EUR/USD 12/16/2020 UBS	0.00
CAD/USD 01/20/2021 CITI	0.00
AUD/USD 01/20/2021 MSCIL	0.00
EUR/CHF CALL 1.10 20201209 CSI-FX	0.00
JPY/USD 02/17/2021 RBSF	0.00
JPY/USD 02/17/2021 CITI	0.00
JPY/USD 02/17/2021 TDBK	0.00
MLCFC 2006-4 XC IO P/P 144A 00.7405 12/12/2049	0.00
SWPTN 10YX20Y P 1.275 USD 03/05/2030 BA	0.00
JPY/USD 02/17/2021 MSCIL	0.00
GBP/USD PUT 1.23 20201218 BANKAM	0.00
1.275 R ISWP FWD US0003M P 03/07/2050	0.00
GNR 2015-82 GI IO 03.5000 12/20/2038	0.00
GNR 2011-116 IB IO 05.0000 10/20/2040	0.00
1.05 R ISWP FWD CDOR03 P 12/16/2030	0.00
NOK/USD 12/16/2020 MSCIL	0.00
GBP/USD 12/16/2020 BCAP-FX	0.00
0.838 R ISWP US0003M P 10/23/2030	0.00
GLOW ENERGY PCL - FOREIGN SEDOL B074GX9	0.00
CHF/USD 12/16/2020 CITI	0.00
EUR/CHF CALL 1.12 20201209 CSI-FX	0.00
CHF/USD 12/16/2020 JPMCB	0.00
CHF/USD 12/16/2020 TDBK	0.00
0.84005 R ISWP US0003M P 10/28/2030	0.00
NOK/USD 12/16/2020 UBS	0.00
GBP/USD PUT 1.20 20201218 BANKAM	0.00
HKD/USD 02/17/2021 TDBK	0.00
GBP/USD 12/16/2020 GSFY	0.00
-0.30 R ISWP FWD CHL6M P 12/16/2030	0.00
0.8454 R ISWP US0003M P 11/03/2030	0.00
HKD/USD 02/17/2021 UBS	0.00

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SWPTN 2YX30Y P 2.3075 USD 06/20/2022 BA	0.00
HKD/USD 02/17/2021 BANKAM	0.00
AUD/USD 01/20/2021 CITI	0.00
HKD/USD 02/17/2021 HSBCB	0.00
1.16 R ISWP US0003M P 10/16/2050	0.00
0.225 R ISWP US0003M P 10/19/2022	0.00
JPY/USD 02/17/2021 WPAC	0.00
2.3075 R ISWP FWD US0003M P 06/22/2052	0.00
HKD/USD 02/17/2021 SSBT	0.00
1.294 R ISWP US0003M P 11/05/2050	0.00
JPY/USD 02/17/2021 GSFY	0.00
SWPTN 10YX20Y R 1.275 USD 03/05/2030 BA	0.00
EUR/USD 12/16/2020 TDBK	0.00
EUR/USD 12/16/2020 GSFY	0.00
SWPTN 10YX20Y P 2.8175 USD 03/23/2027 GS	0.00
CHF/USD 12/16/2020 RBSF	0.00
CNH/USD 02/18/2021 JPMCB	0.00
CNH/USD 02/18/2021 WPAC	0.00
NZD/USD 01/20/2021 HSBCB	0.00
CHF/USD 12/16/2020 MSCIL	0.00
GBP/USD 12/16/2020 CITI	0.00
CHF/USD 12/16/2020 GSFY	0.00
CNH/USD 02/18/2021 BANKAM	0.00
JPY/USD 02/17/2021 SSBT	0.00
JPY/USD 02/17/2021 JPMCB	0.00
JPY/USD 02/17/2021 BANKAM	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	0.00
CAD/USD 01/20/2021 BCAP-FX	0.00
1.27 R ISWP FWD US0003M P 01/27/2047	0.00
0.7805 R ISWP US0003M P 10/30/2030	0.00
-0.15 R ISWP FWD EUR006M P 12/16/2030	0.00
0.8855 R ISWP US0003M P 11/27/2030	0.00
0.70 R ISWP FWD US0003M P 12/16/2030	0.00
SEK/USD 12/16/2020 TDBK	0.00
AUD/USD 01/20/2021 GSFY	0.00
TWD/USD 02/17/2021 JPMCB	0.00
CNH/USD 02/18/2021 HSBCB	0.00
CHF/USD 12/16/2020 HSBCB	0.00
CNH/USD 02/18/2021 GSFY	0.00
CAD/USD 01/20/2021 CSI-FX	0.00
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	0.00
2.184 R ISWP FWD US0003M P 12/07/2030	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	0.00
AUD/USD 01/20/2021 JPMCB	0.00
SEK/USD 12/16/2020 CITI	0.00

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INR/USD 02/17/2021 JPMCB	0.00
CHF/USD 12/16/2020 SSBT	0.00
INR/USD 02/17/2021 HSBCB	0.00
SWPTN 2YX30Y R 2.3075 USD 06/20/2022 BA	0.00
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	0.00
EUR/USD 12/16/2020 BCAP-FX	0.00
EUR/USD 12/16/2020 CSI-FX	0.00
MXN/USD 01/20/2021 BANKAM	0.00
NZD/USD 01/20/2021 PSBS	0.00
NZD/USD 01/20/2021 WPAC	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
0.20 R ISWP FWD SONIA P 12/16/2030	0.00
AUD/USD 01/20/2021 RBSF	0.00
AUD/USD 01/20/2021 WPAC	0.00
0.97164 R ISWP US0003M P 11/12/2030	0.00
0.9745 R ISWP US0003M P 11/12/2030	0.00
NZD/USD 01/20/2021 TDBK	0.00
0.977 R ISWP US0003M P 11/12/2030	0.00
0.97881 R ISWP US0003M P 11/12/2030	0.00
0.9305 R ISWP US0003M P 11/12/2030	0.00
1.192 R ISWP US0003M P 11/09/2050	0.00
SEK/USD 12/16/2020 RBSF	0.00
0.85 R ISWP FWD AUDBB6M P 12/16/2030	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	-0.01
SWPTN 5YX30Y P 2.8325 USD 02/15/2022 JP	-0.01
SEK/USD 12/16/2020 BCAP-FX	-0.01
TWD/USD 02/17/2021 GSFY	-0.01
EUR/USD 12/16/2020 JPMCB	-0.01
0.95 R ISWP FWD NOKOIB6M P 12/16/2030	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
CAD/USD 01/20/2021 JPMCB	-0.01
CAD/USD 01/20/2021 BANKAM	-0.01
IOS.FN30.350.12 P USL1M R 01/12/43 BC	-0.01
AUD/USD 01/20/2021 BANKAM	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.01
0.60 R ISWP FWD NFIX3MID P 12/16/2030	-0.01
EUR/USD 12/16/2020 SSBT	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
NZD/USD 01/20/2021 RBSF	-0.01
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.01
IOS.FN30.300.13 P USL1M R 01/12/44 GS	-0.01
IOS.FN30.400.10 P USL1M R 01/12/41 CS	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 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
SWPTN 3MX5Y R 0.418 USD 01/13/2021 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 BC	-0.01
IOS.FN30.400.14 P USL1M R 01/12/45 JP	-0.01
IOS.FN30.350.12 P USL1M R 01/12/43 GS	-0.01
NZD/USD 01/20/2021 BANKAM	-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 CS	-0.01
CAD/USD 01/20/2021 TDBK	-0.01
NOK/USD 12/16/2020 SSBT	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
NZD/USD 01/20/2021 GSFY	-0.01
1.15 R ISWP FWD US0003M P 12/16/2050	-0.01
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.02
CMB CMBX.NA.BB.7 2047-01-17 500.0 01/17/2047 CG	-0.02
NZD/USD 01/20/2021 CITI	-0.02
EUR/USD 12/16/2020 CITI	-0.02
AUD/USD 01/20/2021 PSBS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
AUD/USD 01/20/2021 UBS	-0.02
215600 KS P US0001M R 12/15/25 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 BC	-0.02
IOS.FN30.400.14 P US0001M R 01/12/45 JP	-0.02
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.03
CMB CMBX.NA.BB.6 2063-05-11 500.0 05/11/2063 CG	-0.03
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.03
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.05
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.05
EBIX US P R 07/05/22 CI	-0.05
OSIS US P R 07/05/22 CI	-0.07
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.07
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 MS	-0.08
ZYXI US P US0001M R 07/05/22 CI	-0.09
CDX CDX.NA.HY.35 500.0 12/20/2025	-0.09
SWI US P US0001M R 07/05/22 CI	-0.10
ACIW US P R 07/05/22 CI	-0.11
EPC US P US0001M R 07/05/22 CI	-0.12
PBH US P US0001M R 07/05/22 CI	-0.12

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BGS US P R 07/05/22 CI	-0.12
QLYS US P US0001M R 07/05/22 CI	-0.13
PS US P US0001M R 07/05/22 CI	-0.14
BEAT US P US0001M R 07/05/22 CI	-0.14
BRKR US P US0001M R 07/05/22 CI	-0.14
DY US P R 07/05/22 CI	-0.16
TPIC US P US0001M R 07/05/22 CI	-0.16
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.16
WDFC US P US0001M R 07/05/22 CI	-0.16
SVMK US P US0001M R 07/05/22 CI	-0.17
OTEX US P US0001M R 12/15/25 GS	-0.17
PDCO US P R 07/05/22 CI	-0.17
CMPR US P US0001M R 07/05/22 CI	-0.21
ENR US P R 07/05/22 CI	-0.22
XP US P US0001M R 07/05/22 CI	-0.22
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 ML	-0.24
STOR US P US0001M R 07/05/22 CI	-0.26
PB US P US0001M R 07/05/22 CI	-0.27
SKX US P US0001M R 07/05/22 CI	-0.28
OSK US P US0001M R 07/05/22 CI	-0.28
VRT US P US0001M R 07/05/22 CI	-0.28
BHC US P R 07/05/22 CI	-0.44
ELAN US P US0001M R 07/05/22 CI	-0.48
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CG	-0.50
RL US P US0001M R 07/05/22 CI	-0.54
BYND US P US0001M R 07/05/22 CI	-0.55
HZNP US P US0001M R 07/05/22 CI	-0.55
AAXN US P US0001M R 07/05/22 CI	-0.59
TSLA US P R 07/05/22 CI	-0.61
LUMN US P US0001M R 07/05/22 CI	-0.65
WAB US P R 07/05/22 CI	-0.69
EVBG US P US0001M R 07/05/22 CI	-0.75
MSCI EAFE DEC20 MFSZO	-0.88
AAP US P US0001M R 07/05/22 CI	-0.92
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 JP	-0.95
ILMN US P US0001M R 07/05/22 CI	-0.95
FIVE US P US0001M R 07/05/22 CI	-0.96
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CS	-0.99
MIDD US P US0001M R 07/05/22 CI	-1.01
STX US P US0001M R 12/15/25 GS	-1.04
PLUG US P US0001M R 07/05/22 CI	-1.07
FSLR US P US0001M R 07/05/22 CI	-1.10
RH US P US0001M R 07/05/22 CI	-1.13
CTXS US P US0001M R 07/05/22 CI	-1.20
NDUEEGF P US0001M R 11/02/21 UB	-6.35

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NDUEEGF P US0001M R 11/02/21 CS	-6.35
S&P500 EMINI FUT DEC20 ESZ0	-10.19
US 2YR NOTE (CBT) MAR21 TUH1	-21.03
RU10INTR P US0003M R 06/20/23 BA	-23.00
GSGLPWDS P US0001M R 12/15/25 GS	-24.11
SPTR P US0001M R 05/22/23 UB	-42.11

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US 10YR NOTE (CBT)DEC20 TYZ0	61.45
CGPUTQL2 R US0003M P 06/10/21 CI	38.67
UBSPUSER R US0001M P 05/22/23 UB	37.02
MLFCF15 R US0003M P 06/20/23 BA	32.77
GSGLPWDL R US0001M P 12/15/25 GS	30.67
GSGLPW2L R US0001M P 12/15/25 GS	27.22
JPCMPTFL R US0001M P 10/29/21 JP	18.27
FNMA FN30 TBA UMBS 02.5000 12/01/2050	8.90
FNMA FN30 TBA UMBS 04.0000 11/01/2050	4.56
FNMA FN30 TBA UMBS 03.5000 11/01/2050	4.51
FNMA FN30 TBA UMBS 03.0000 11/01/2050	4.47
TREASURY BILL 00.0000 11/17/2020	3.85
GSISXT27 R 0.2 P 12/15/20 GS	3.48
TREASURY BILL 00.0000 12/08/2020	3.42
GSVIUS85 R 0.45 P 12/15/20 GS	2.88
US 10YR ULTRA FUT DEC20 UXYZ0	2.69
GSGLPHCL R US0001M P 12/15/25 GS	2.53
GSVIUS85 R 0.45 P 12/15/25 GS	2.06
CITI COMMOD F3-F0 4X LEVERED INDEX 3X NOTE 1/25/2021	2.02
BAML COMMODITY MLBX4SX6 ER STRATEGY 3X 144A NOTE 1/12/2021	1.92
NDEUSIA R US0003M P 02/12/21 UB	1.53
GSVIVV69 R 0.3 P 12/15/20 GS	1.51
SAMSUNG ELECTRONICS CO LTD SEDOL 6771720	1.50
CITI CROSS-ASSET TREND 10% VOL INDEX	1.46
COMM SERV SELECT SECTOR SPDR SEDOL BFXHC51	1.44
CONSUMER DISCRETIONARY SELT SEDOL 2424341	1.43
CONSUMER STAPLES SPDR SEDOL 2369389	1.42
HEALTH CARE SELECT SECTOR SEDOL 2371823	1.41
ALIBABA GROUP HOLDING LTD SEDOL BK6YZP5	1.38
MATERIALS SELECT SECTOR SPDR SEDOL 2436841	1.35
TECHNOLOGY SELECT SECT SPDR SEDOL 2369709	1.35
TENCENT HOLDINGS LTD SEDOL BMMV2K8	1.34
TAIWAN SEMICONDUCTOR-SP ADR SEDOL 2113382	1.13
NATIONWIDE BUILDING SOCIETY 6385E0L27 DCP 11/02/2020	1.07
FMS WERTMANAGEMENT 34411GL61 DCP 11/06/2020	1.07
ATLANTIC ASSET SECURITIZATION 04821TL60 DCP 11/06/2020	1.07
SOCIETE GENERALE SA 83369BL53 DCP 11/05/2020	1.07

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MANHATTAN ASSET FUNDING CO LL 56274LLG7 DCP 11/16/2020	1.07
NRW BANK 62939LLC1 DCP 11/12/2020	1.07
CHARTA LLC 16115VLH0 DCP 11/17/2020	1.07
FED HOME LN DISCOUNT NT 313384R76 GDC 12/02/2020	1.07
FED HOME LN DISCOUNT NT 313384S83 GDC 12/11/2020	1.07
ALIBABA GROUP HOLDING-SP ADR SEDOL BP41ZD1	1.07
GSVICUB3 R 0.45 P 12/15/20 GS	0.88
S&P GSCI INDEX ER **INVERSE**	0.78
GSVICUB3 R 0.45 P 12/15/25 GS	0.76
JD.COM INC-ADR SEDOL BMM27D9	0.69
ISHARES MSCI INDIA ETF SEDOL B6XGR72	0.61
PING AN INSURANCE GROUP CO-H SEDOL B01FLR7	0.55
GSVIVVOL R 0.3 P 12/15/20 GS	0.54
YUM CHINA HOLDINGS INC SEDOL BYW4289	0.48
CDX CDX.EM.34 100.0 12/20/2025	0.46
KB FINANCIAL GROUP INC SEDOL B3DF0Y6	0.44
SHENZHEN MIINDRAY BIO-MEDICAL ELEC CO LTD 144A/REGS	0.44
NETEASE INC-ADR SEDOL 2606440	0.43
SOUTHERN COPPER CORP SEDOL 2823777	0.43
KWEICHOW MOUTAI CO LTD 144A/REGS WARRANT 10/01/2021	0.43
COUNTRY GARDEN SERVICES HOLD SEDOL BDQZP48	0.43
SANY HEAVY INDUSTRY CO LTD 144A REGS WARRANT 12/21/2020	0.43
LG ELECTRONICS INC SEDOL 6520739	0.41
HANA FINANCIAL GROUP SEDOL B0RNRFS	0.41
ADVANCED INFO SERVICE-FOR RG SEDOL 6412591	0.40
POLY DEVELOPMENTS AND HOLD 144A/REGS WARRANT 07/29/2021	0.38
ANHUI CONCH CEMENT CO LTD-H SEDOL 6080396	0.37
VALE SA-SP ADR SEDOL 2857334	0.36
UNITED MICROELECTRONICS CORP SEDOL 6916628	0.36
REPUBLICA ORIENT URUGUAY USD 04.3750 10/27/2027	0.35
CHAROEN POKPHAND FOOD-FORGN SEDOL B5L2DG6	0.35
MMC NORILSK NICKEL PJSC-ADR SEDOL BYSW6D0	0.32
CAS 2016-C02 1B 12.3993 09/25/2028	0.30
TOP GLOVE CORP BHD SEDOL B05L892	0.27
REALTEK SEMICONDUCTOR CORP SEDOL 6051422	0.27
ZHONGSHENG GROUP HOLDINGS SEDOL B633D97	0.26
GLOBALWAFERS CO LTD SEDOL BS7JP33	0.25
BANK OF SHANGHAI 144A/REGS WARRANT 12/02/2020	0.25
ANGLO AMERICAN PLATINUM LTD SEDOL 6761000	0.24
CNOOC LTD SEDOL B00G0S5	0.24
HUNDSUN TECHNOLOGIES INC 144A/REGS WARRANT 07/29/2021	0.23
FUBON FINANCIAL HOLDING CO SEDOL 6411673	0.23
CHINA MINSHENG BANKING COR-H SEDOL B57JY24	0.23
LUKOIL PJSC-SPON ADR SEDOL BYZDW27	0.22
FNR 2017-74 SA IO 05.6008 10/25/2047	0.22

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SUOFEIYA HOME COLLECTION C-A 144A/REGS WARRANT 10/28/2021	0.21
BANCO SANTANDER BRASIL-UNIT SEDOL B4V5RY4	0.21
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 JP	0.20
CHAILEASE HOLDING CO LTD SEDOL B58J1S8	0.20
HARTALEGA HOLDINGS BHD SEDOL B2QPJK5	0.19
RISESUN REAL ESTATE DEV-A 144A/REGS WARRANT 11/02/2021	0.19
QUANTA COMPUTER INC SEDOL 6141011	0.18
BAML COMMODITY MLBX4SX6 ER STRATEGY 3X NOTE 9/2/2021	0.18
CHINA RESOURCES CEMENT SEDOL B41XC98	0.18
DAELIM INDUSTRIAL CO LTD SEDOL 6249584	0.17
RADIANT OPTO-ELECTRONICS COR SEDOL 6520278	0.17
CHINA FEIHE LTD SEDOL BKOSBL1	0.16
PARADE TECHNOLOGIES LTD SEDOL B6RV676	0.16
WFRBS 2012-C7 F P/P 144A 04.5000 06/15/2045	0.16
KIA MOTORS CORP SEDOL 6490928	0.16
SPY 20211015 P 275.00BANKAM	0.16
SEEGENE INC SEDOL B679Q36	0.15
GNR 2018-153 AI IO 04.5000 09/16/2045	0.15
FOSHAN HAITIAN FLAVOURING & FOOD 144A/REGS WARRANT 03/12/202	0.15
SPY 20210820 P 275.00CITI	0.15
NIEN MADE ENTERPRISE CO LTD SEDOL BSZLN15	0.14
GRUPO FINANCIERO GALICIA-ADR SEDOL 2613570	0.14
SPY 20210917 P 270.00JPMCB	0.14
GNR 2020-33 SA IO 05.9486 03/20/2050	0.14
SINOTRUK HONG KONG LTD SEDOL B296ZH4	0.14
HYUNDAI MOBIS CO LTD SEDOL 6449544	0.14
CAS 2017-C02 2M2 03.7993 09/25/2029	0.14
DINO POLSKA SA SEDOL BD0YVN2	0.14
CDX CDX.NA.HY.35 500.0 12/20/2025	0.13
KUMBA IRON ORE LTD SEDOL B1G4262	0.13
JIANGSU HENGLI HYDRAULIC C-A 144A/REGS WARRANT 03/23/2022	0.13
FNR 2016-3 MI IO 05.5000 02/25/2046	0.13
SCRT 2019-4 M 04.5000 02/25/2059	0.12
MWST 2019-1 A 00.9493 06/25/2052	0.12
CMLTI 2007-AR5 1A1A 03.9139 04/25/2037	0.12
GNR 2014-184 DI IO 05.5000 12/16/2044	0.12
HELLENIC TELECOMMUN ORGANIZA SEDOL 5051605	0.11
SHANDONG BUCHANG PHARMACEUTICALS CO LTD 144A/REGS WARRANT 12	0.11
FNR 2015-30 IO IO 05.5000 05/25/2045	0.11
LITE-ON TECHNOLOGY CORP SEDOL 6519481	0.11
GNR 2015-H11 CI IO 02.7831 05/20/2065	0.11
GNR 2010-125 SD IO 06.5343 01/16/2040	0.11
LOGAN GROUP CO LTD SEDOL BH6X937	0.11
SHRP 2020-1 NOTE 03.1250 07/25/2024	0.11
SPST 2020-13 A 01.6493 10/10/2021	0.11

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MWST 2020-1 A	01.0493 10/25/2053	0.11
SPST 2020-15 A	00.0000 12/10/2021	0.11
SPST 2020-2 A	00.9793 03/26/2021	0.11
COM7 PCL-F	SEDOL BZ2YN49	0.11
HYPERA SA	SEDOL B2QY968	0.11
FNR 2018-51 IO IO	06.5000 07/25/2048	0.10
CMB CMBX.NA.BB.7 2047-01-17	500.0 01/17/2047 GS	0.10
WANT WANT CHINA HOLDINGS LTD	SEDOL B2Q14Z3	0.10
CIA DE TRANSMISSAO DE ENE-PF	SEDOL 2440972	0.10
PETROBRAS GLOBAL FINANCE USD	06.2500 03/17/2024	0.10
UNITED MEXICAN STATES USD	05.5500 01/21/2045	0.10
ENBRIDGE INC	USD 04.2500 12/01/2026	0.10
CTBC FINANCIAL HOLDING CO LT	SEDOL 6527666	0.10
FNR 2020-47 ID IO	04.0000 07/25/2050	0.10
MEITUAN-CLASS B	SEDOL BGJW376	0.10
SPY 20210716 P 255.00CITI		0.10
GNR 2016-H02 BI IO	03.0518 11/20/2065	0.09
FNR 2016-88 SK IO	05.8508 12/25/2046	0.09
FNR 2017-8 SB IO	05.9508 02/25/2047	0.09
FENG TAY ENTERPRISE CO LTD	SEDOL 6336055	0.09
BANCO MACRO SA-ADR	SEDOL B0Y62M9	0.08
GNR 2017-H11 NI IO	02.4258 05/20/2067	0.08
GNR 2015-H25 BI IO	02.1340 10/20/2065	0.08
GNR 2015-H15 JI IO	01.9701 06/20/2065	0.08
BURSA MALAYSIA BHD	SEDOL B06FV38	0.08
CHINA SHENHUA ENERGY CO-H	SEDOL B09N7M0	0.08
SAMSUNG ENGINEERING CO LTD	SEDOL 6765239	0.08
SEAZEN HOLDINGS CO 144A/REGS WARRANT	05/06/2021	0.08
ORION CORP/REPUBLIC OF KOREA	SEDOL BDVLJ72	0.08
GNR 2016-135 PI IO	04.0000 05/20/2046	0.08
PRESIDENT CHAIN STORE CORP	SEDOL 6704986	0.08
SPY 20210618 P 250.00JPMCB		0.08
SYNNEX TECHNOLOGY INTL CORP	SEDOL 6868439	0.08
GNR 2015-H24 HI IO	02.0454 09/20/2065	0.08
FHR 4964 IA IO	04.5000 03/25/2050	0.08
FNR 2017-108 SA IO	06.0008 01/25/2048	0.07
TAISHIN FINANCIAL HOLDING	SEDOL 6451680	0.07
FNR 2020-16 SG IO	05.9008 03/25/2050	0.07
GNR 2018-91 SJ IO	06.0986 07/20/2048	0.07
STACR 2020-HQA2 M2	03.2493 03/25/2050	0.07
PLDT INC	SEDOL BDGN274	0.07
TISCO FINANCIAL-FOREIGN	SEDOL B3KFW76	0.07
ECOPETROL SA-SPONSORED ADR	SEDOL B3D6J19	0.07
CMB CMBX.NA.BB.9 2058-09-17	500.0 09/17/2058 CG	0.07
GNR 2015-H25 AI IO	01.6310 09/20/2065	0.07

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GNR 2010-68 SD IO	06.4286 06/20/2040	0.07
ZOOMLION HEAVY INDUSTRY - H	SEDOL B544N70	0.06
PEGATRON CORP	SEDOL B4PLX17	0.06
MARFRIG GLOBAL FOODS SA	SEDOL B1YWHR4	0.06
CAS 2017-C03 1M2	03.1493 10/25/2029	0.06
FNR 2012-19 S IO	05.8008 03/25/2042	0.06
GNR 2016-51 MS IO	05.8986 04/20/2046	0.06
GNR 2019-121 DS IO	05.9486 08/20/2049	0.06
GNR 2017-H14 DI IO	01.7264 06/20/2067	0.06
LUENMEI QUANTUM CO LTD 144A/REGS WARRANT	12/02/2021	0.06
HENGAN INTL GROUP CO LTD	SEDOL 6136233	0.06
UNITED INTEGRATED SERVICES	SEDOL 6105136	0.06
GNR 2015-H09 AI IO	03.2229 04/20/2065	0.06
FNR 2017-32 IP IO	04.5000 05/25/2047	0.06
GNR 2018-H05 AI IO	02.5308 02/20/2068	0.06
GNR 2015-H26 GI IO	01.8147 10/20/2065	0.06
0.45 R ISWP FWD SOFRRATE P	12/16/2030	0.06
GNR 2016-150 I IO	05.0000 11/20/2046	0.06
WAMU 2004-AR12 A2B	01.0693 10/25/2044	0.06
GNR 2015-H20 CI IO	02.1903 08/20/2065	0.06
FNR 2016-65 CS IO	05.9508 09/25/2046	0.05
PETROBRAS GLOBAL FINANCE USD	08.7500 05/23/2026	0.05
GNR 2014-H21 AI IO	02.2587 10/20/2064	0.05
PETROBRAS GLOBAL FINANCE USD	06.1250 01/17/2022	0.05
INDOFOOD SUKSES MAKMUR TBK P	SEDOL 6283979	0.05
HAITIAN INTERNATIONAL HLDGS	SEDOL B1L2RC2	0.05
GNR 2017-H02 BI IO	02.3519 01/20/2067	0.05
SPY 20210521 P 235.00BANKAM		0.05
GNR 2015-H19 NI IO	01.9238 07/20/2065	0.05
CAS 2015-C04 1M2	05.8493 04/25/2028	0.05
GNR 2015-H09 BI IO	01.7011 03/20/2065	0.05
SIME DARBY BERHAD	SEDOL B29TTR1	0.05
GNR 2018-104 SD IO	06.0486 08/20/2048	0.05
FNR 2013-130 SD IO	06.4508 01/25/2044	0.05
WFRBS 2011-C3 E P/P 144A	05.0000 03/15/2044	0.05
GNR 2015-H24 BI IO	01.6220 08/20/2065	0.05
PROVINCIA DE BUENOS P/P 144A	10.8750 01/26/2021	0.05
PETROBRAS GLOBAL FIN USD	05.9990 01/27/2028	0.05
CHINA YUHUA EDUCAT	SEDOL BYWPGC4	0.05
JPMBB 2013-C14 E P/P 144A	04.7018 08/15/2046	0.05
DIALOG GROUP BHD	SEDOL B00MRS2	0.05
FAR EASTONE TELECOMM CO LTD	SEDOL 6421854	0.04
GNR 2015-H22 GI IO	02.5963 09/20/2065	0.04
KT CORP	SEDOL 6505316	0.04
GSMS 2014-GC24 D P/P 144A	04.5316 09/10/2047	0.04

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CAS 2017-C02 2B1	05.6493 09/25/2029	0.04
COMMERCIAL INTL BANK-GDR REG	SEDOL 5668287	0.04
GNR 2016-H03 AI IO	03.3229 01/20/2066	0.04
TOFAS OTOMOBIL FAB	SEDOL B03MY33	0.04
CMB CMBX.NA.BBB-.7 2047-01-17	300.0 01/17/2047 MS	0.04
GNR 2017-H06 BI IO	02.2578 02/20/2067	0.04
JPMCC 2006-LDP9 AMS	05.3370 05/15/2047	0.04
GNR 2015-H10 CI IO	01.8161 04/20/2065	0.04
FHR 4752 PS IO	06.0516 11/15/2047	0.04
BIM BIRLESIK MAGAZALAR AS	SEDOL B0D0006	0.04
HONG LEONG BANK BERHAD	SEDOL 6436892	0.04
PETRONAS GAS BHD	SEDOL 6703972	0.04
FHR 4134 PI IO	03.0000 11/15/2042	0.04
FNR 2016-3 NI IO	06.0000 02/25/2046	0.04
GNR 2015-53 MI IO	04.0000 04/16/2045	0.04
CMB CMBX.NA.BB.6 2063-05-11	500.0 05/11/2063 CS	0.04
GNR 2016-H08 GI IO	01.4431 04/20/2066	0.04
GNR 2015-80 IA IO	04.5000 06/20/2045	0.04
NICE INFORMATION SERVICE CO	SEDOL 6248332	0.04
USD/MXN PUT 20.50 20210416	GSFX	0.03
CAS 2020-R01 1B1	03.3993 01/25/2040	0.03
CAS 2018-C05 1M2	02.4993 01/25/2031	0.03
GNR 2015-167 BI IO	04.5000 04/16/2045	0.03
SWPTN 3MX5Y P 0.418 USD	01/13/2021 BC	0.03
PETROLEOS MEXICANOS	USD 06.3750 01/23/2045	0.03
GNR 2015-H16 XI IO	02.4464 07/20/2065	0.03
GNR 2016-H16 DI IO	02.6445 06/20/2066	0.03
SHANGHAI PUDONG DEV BANK 144A/REGS	WARRANT	0.03
TECO ELECTRIC & MACHINERY	SEDOL 6879851	0.03
GBP/USD 12/16/2020	SSBT	0.03
GNR 2015-187 JI IO	04.0000 03/20/2045	0.03
GNR 2015-105 LI IO	05.0000 10/20/2039	0.03
GNR 2014-146 EI IO	05.0000 10/20/2044	0.03
PTT EXPLORATION & PROD-FOR	SEDOL B1359J0	0.03
GNR 2010-9 UI IO	05.0000 01/20/2040	0.03
GNR 2013-6 AI IO	03.5000 08/20/2039	0.03
GNR 2016-37 IW IO	04.5000 02/20/2046	0.03
CMB CMBX.NA.BB.7 2047-01-17	500.0 01/17/2047 GS	0.03
CMB CMBX.NA.BB.9 2058-09-17	500.0 09/17/2058 CS	0.03
GNR 2011-17 S IO	05.8986 02/20/2041	0.03
GNR 2018-127 IB IO	04.5000 06/20/2045	0.03
USD/CNH PUT 6.65 20210415	MSCIL	0.03
FEDERAL GRID CO UNIFIED ENER	SEDOL B39RR67	0.03
PRESS METAL ALUMINIUM HOLDIN	SEDOL BF0J5S4	0.03
CAS 2017-C06 2M2	02.9493 02/25/2030	0.03

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FRONTKEN CORP BHD	SEDOL B18TLC4	0.03
BBVA ARGENTINA SA-ADR	SEDOL BKT4TC7	0.03
GNR 2016-H04 KI IO	03.0194 02/20/2066	0.03
FHR 4259 DI IO	04.0000 06/15/2043	0.02
GNR 2013-20 QI IO	04.5000 12/16/2042	0.02
CWHL 2005-3 1A1	00.7693 04/25/2035	0.02
BANK BTPN SYARIAH TBK PT	SEDOL BFNBJ41	0.02
GNR 2017-57 AI IO	04.0000 06/20/2045	0.02
FNR 2017-2 KI IO	04.0000 02/25/2047	0.02
ELECTRICITY GEN PUB CO-FOR R	SEDOL 6304643	0.02
GNR 2018-127 ID IO	05.0000 07/20/2045	0.02
QUALITAS CONTROLADORA SAB CV	SEDOL BYMXF65	0.02
RUENTEX DEVELOPMENT CO LTD	SEDOL 6748423	0.02
GNR 2009-121 UI IO	05.0000 12/20/2039	0.02
GNR 2010-20 UI IO	05.0000 02/20/2040	0.02
IOS.FN30.400.14 R USL1M P	01/12/45 CS	0.02
FHR 4568 MI IO	04.0000 04/15/2046	0.02
CELLTRION INC	SEDOL B0C5YV1	0.02
EUR/USD 12/16/2020 JPMCB		0.02
PUREGOLD PRICE CLUB INC	SEDOL B725S29	0.02
CHINA BIOLOGIC PRODUCTS HOLD	SEDOL BF0G7L2	0.02
IOS.FN30.350.12 R USL1M P	01/12/43 CS	0.02
GNR 2014-163 NI IO	05.0000 02/20/2044	0.02
CMB CMBX.NA.BB.9 2058-09-17	500.0 09/17/2058 ML	0.02
KWG GROUP HOLDINGS LTD	SEDOL B1YBF00	0.02
GNR 2015-H10 EI IO	01.6288 04/20/2065	0.02
EUR/USD 12/16/2020 BCAP-FX		0.02
GNR 2015-H18 IA IO	01.8573 06/20/2065	0.02
GNR 2015-24 IA IO	03.5000 02/20/2045	0.02
FHR 4801 IG IO	03.0000 06/15/2048	0.01
GNR 2011-H15 AI IO	01.5445 06/20/2061	0.01
GNR 2013-129 SN IO	05.9986 09/20/2043	0.01
CMB CMBX.NA.BB.11 2054-11-18	500.0 11/18/2054 CG	0.01
WESTPORTS HOLDINGS BHD	SEDOL BDFM1K8	0.01
GNR 2016-75 EI IO	03.5000 08/20/2045	0.01
0.35 R ISWP FWD US0003M P	12/16/2025	0.01
UBSBB 2012-C2 F P/P 144A	05.0000 05/10/2063	0.01
MISC BHD	SEDOL 6557997	0.01
GNR 2018-127 IE IO	03.5000 01/20/2046	0.01
FNR 2013-35 PI IO	03.0000 02/25/2042	0.01
FHR 3747 SA IO	06.3516 10/15/2040	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
CMB CMBX.NA.BB.9 2058-09-17	500.0 09/17/2058 MS	0.01

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AUD/USD PUT 0.695 20201118 BANKAM	0.01
FHR 4193 PI IO 04.0000 03/15/2043	0.01
FNR 2012-151 PI IO 03.0000 01/25/2043	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
FHR 4206 IP IO 03.0000 12/15/2041	0.01
PROVINCIA DE BUENOS 34.0648 05/31/2022	0.01
SWPTN 5YX30YR 2.8325 USD 02/15/2022 JP	0.01
IOS.FN30.400.14 R USL1M P 01/12/45 CS	0.01
IOS.FN30.400.14 R USL1M P 01/12/45 GS	0.01
EUR/USD CALL 1.23 20210215 UBS	0.01
EUR/USD CALL 1.23 20210215 BANKAM	0.01
GBP/USD 12/16/2020 UBS	0.01
NOK/USD 12/16/2020 JPMCB	0.01
AUD/USD 01/20/2021 UBS	0.01
GNR 2015-124 NI IO 03.5000 06/20/2039	0.01
AUD/USD CALL 0.76 20210311 HSBCB	0.01
AUD/USD 01/20/2021 SSBT	0.01
CLP/USD 01/20/2021 CITI	0.01
USD/CAD PUT 1.285 20210127 GSF	0.01
KRW/USD 02/17/2021 JPMCB	0.01
GNR 2013-157 IA IO 03.5000 04/20/2040	0.01
EUR/USD 12/16/2020 TDBK	0.01
GNR 2013-79 XI IO 03.5000 11/20/2039	0.01
EUR/USD CALL 1.23 20210301 MSCIL	0.01
EUR/USD 12/16/2020 SSBT	0.01
GNR 2010-134 ES IO 05.8486 11/20/2039	0.01
GNR 2010-35 QI IO 04.5000 03/20/2040	0.01
KRW/USD 02/17/2021 HSBCB	0.01
JPY/USD 11/18/2020 UBS	0.01
GNR 2013-23 IK IO 03.0000 09/20/2037	0.01
GBP/USD PUT 1.23 20201218 BANKAM	0.01
EUR/USD 12/16/2020 RBSF	0.01
0.85 R ISWP FWD AUDBB6M P 12/16/2030	0.01
CAS 2015-C02 2M2 04.1493 05/25/2025	0.01
EUR/USD CALL 1.22 20210127 BANKAM	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 MS	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CG	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CG	0.01
GBP/USD 12/16/2020 MSCIL	0.01
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 GS	0.01
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 MS	0.01
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 GS	0.01
SEK/USD 12/16/2020 BCAP-FX	0.01
GNR 2015-99 LI IO 04.0000 07/20/2045	0.01

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IOS.FN30.650.67 R USL1M P 01/12/38 BC	0.01
GBP/USD 12/16/2020 CITI	0.01
KWG LIVING GROUP HOLDINGS LT SEDOL BLPJPQ9	0.01
EUR/USD 12/16/2020 CSI-FX	0.00
GNR 2013-100 MI IO 03.5000 02/20/2043	0.00
AUD/USD 01/20/2021 RBSF	0.00
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 CG	0.00
REPUBLIC OF VENEZUELA REGS 07.6500 04/21/2025	0.00
TWD/USD 02/17/2021 JPMCB	0.00
GBP/USD 12/16/2020 JPMCB	0.00
PETROLEOS DE VENEZUELA S REGS 05.3750 04/12/2027	0.00
FHR 4073 AS IO 05.9016 08/15/2038	0.00
FNR 2012-136 PI IO 03.5000 11/25/2042	0.00
GNR 2014-133 AI IO 04.0000 10/20/2036	0.00
SEK/USD 12/16/2020 RBSF	0.00
GNR 2015-96 NI IO 03.5000 01/20/2039	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 BA	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 BA	0.00
FHR 4099 BI IO 03.5000 06/15/2039	0.00
EUR/USD 12/16/2020 GSFX	0.00
GBP/USD 12/16/2020 TDBK	0.00
GBP/USD 12/16/2020 WPAC	0.00
SEK/USD 12/16/2020 CITI	0.00
JPY/USD 11/18/2020 HSBCB	0.00
FNR 2013-31 NI IO 03.0000 06/25/2041	0.00
JPY/USD 11/18/2020 BCAP-FX	0.00
CAD/USD 01/20/2021 TDBK	0.00
FHR 4097 PI IO 03.5000 11/15/2040	0.00
0.838 R ISWP US0003M P 10/23/2030	0.00
CMB CMBX.NA.BB.8 2057-10-17 500.0 10/17/2057 CG	0.00
CMB CMBX.NA.BB.8 2057-10-17 500.0 10/17/2057 CS	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 CI	0.00
GBP/USD 12/16/2020 CSI-FX	0.00
JPY/USD 11/18/2020 MSCIL	0.00
GNR 2012-141 WI IO 03.5000 11/20/2041	0.00
NOK/USD 12/16/2020 UBS	0.00
TWD/USD 02/17/2021 GSFX	0.00
CAD/USD 01/20/2021 JPMCB	0.00
IOS.FN30.350.12 R USL1M P 01/12/43 CS	0.00
NZD/USD 01/20/2021 SSBT	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 BC	0.00
0.60 R ISWP FWD NFIX3MID P 12/16/2030	0.00
GNR 2013-102 IP IO 03.5000 06/20/2043	0.00
EUR/CHF CALL 1.10 20201209 CSI-FX	0.00
GBP/USD 12/16/2020 HSBCB	0.00

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NZD/USD 01/20/2021 CITI	0.00
2.2225 R ISWP FWD US0003M P 06/05/2029	0.00
SEK/USD 12/16/2020 TDBK	0.00
SWPTN 10YX20Y R 2.8175 USD 03/23/2027 GS	0.00
0.84005 R ISWP US0003M P 10/28/2030	0.00
CAD/USD 01/20/2021 CSI-FX	0.00
JPY/USD 11/18/2020 RBSF	0.00
CHF/USD 12/16/2020 TDBK	0.00
CHF/USD 12/16/2020 JPMCB	0.00
-0.30 R ISWP FWD CHL6M P 12/16/2030	0.00
NZD/USD 01/20/2021 TDBK	0.00
NZD/USD 01/20/2021 WPAC	0.00
SWPTN 10YX20Y P 1.275 USD 03/05/2030 BA	0.00
NZD/USD 01/20/2021 RBSF	0.00
CAD/USD 01/20/2021 BCAP-FX	0.00
CAD/USD 01/20/2021 BANKAM	0.00
MLCFC 2006-4 XC IO P/P 144A00.5457 12/12/2049	0.00
0.25 R ISWP FWD US0003M P 12/16/2022	0.00
GNR 2015-82 GI IO 03.5000 12/20/2038	0.00
AUD/USD 01/20/2021 JPMCB	0.00
1.275 R ISWP FWD US0003M P 03/07/2050	0.00
CHF/USD 12/16/2020 CITI	0.00
HKD/USD 11/18/2020 SSBT	0.00
CHF/USD 12/16/2020 RBSF	0.00
GNR 2011-116 IB IO 05.0000 10/20/2040	0.00
AUD/USD 01/20/2021 CSI-FX	0.00
NZD/USD 01/20/2021 HSBCB	0.00
1.05 R ISWP FWD CDOR03 P 12/16/2030	0.00
HKD/USD 11/18/2020 BANKAM	0.00
HKD/USD 11/18/2020 HSBCB	0.00
HKD/USD 11/18/2020 UBS	0.00
0.20 R ISWP FWD SONIA P 12/16/2030	0.00
0.30 R ISWP FWD SES3M P 12/16/2030	0.00
CAD/USD 01/20/2021 CITI	0.00
HKD/USD 11/18/2020 TDBK	0.00
GLOW ENERGY PCL - FOREIGN SEDOL B074GX9	0.00
AUD/USD 01/20/2021 GSFY	0.00
NZD/USD 01/20/2021 GSFY	0.00
SWPTN 2YX30Y P 2.3075 USD 06/20/2022 BA	0.00
JPY/USD 11/18/2020 CITI	0.00
EUR/CHF CALL 1.12 20201209 CSI-FX	0.00
1.16 R ISWP US0003M P 10/16/2050	0.00
NZD/USD 01/20/2021 JPMCB	0.00
EUR/USD 12/16/2020 WPAC	0.00
SEK/USD 12/16/2020 HSBCB	0.00

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NZD/USD 01/20/2021 CSI-FX	0.00
AUD/USD 01/20/2021 WPAC	0.00
2.3075 R ISWP FWD US0003M P 06/22/2052	0.00
NOK/USD 12/16/2020 GSFY	0.00
SWPTN 10YX20Y R 1.275 USD 03/05/2030 BA	0.00
CHF/USD 12/16/2020 HSBCB	0.00
JPY/USD 11/18/2020 WPAC	0.00
SWPTN 10YX20Y P 2.8175 USD 03/23/2027 GS	0.00
0.225 R ISWP US0003M P 10/19/2022	0.00
CAD/USD 01/20/2021 WPAC	0.00
CNH/USD 02/18/2021 JPMCB	0.00
CNH/USD 02/18/2021 WPAC	0.00
CHF/USD 12/16/2020 GSFY	0.00
EUR/USD 12/16/2020 MSCIL	0.00
CAD/USD 01/20/2021 RBSF	0.00
CHF/USD 12/16/2020 MSCIL	0.00
CAD/USD 01/20/2021 MSCIL	0.00
CAD/USD 01/20/2021 GSFY	0.00
GBP/USD 12/16/2020 RBSF	0.00
NZD/USD 01/20/2021 BCAP-FX	0.00
CAD/USD 01/20/2021 UBS	0.00
0.95 R ISWP FWD NOKOIB6M P 12/16/2030	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	0.00
AUD/USD PUT 0.675 20201118 BANKAM	0.00
AUD/USD CALL 0.80 20210311 HSBCB	0.00
1.27 R ISWP FWD US0003M P 01/27/2047	0.00
CAD/USD 01/20/2021 SSBT	0.00
SEK/USD 12/16/2020 JPMCB	0.00
JPY/USD 11/18/2020 GSFY	0.00
0.70 R ISWP FWD US0003M P 12/16/2030	0.00
2.184 R ISWP FWD US0003M P 12/07/2030	0.00
NOK/USD 12/16/2020 HSBCB	0.00
EUR/USD CALL 1.27 20210301 MSCIL	0.00
0.7805 R ISWP US0003M P 10/30/2030	0.00
NZD/USD 01/20/2021 BANKAM	0.00
GBP/USD 12/16/2020 BCAP-FX	0.00
EUR/USD 12/16/2020 UBS	0.00
EUR/USD CALL 1.27 20210215 UBS	0.00
EUR/USD CALL 1.27 20210215 BANKAM	0.00
NOK/USD 12/16/2020 SSBT	0.00
GBP/USD 12/16/2020 GSFY	0.00
GBP/USD PUT 1.20 20201218 BANKAM	0.00
INR/USD 02/17/2021 JPMCB	0.00
CHF/USD 12/16/2020 SSBT	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	0.00

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CAD/USD 01/20/2021 HSBCB	0.00
AUD/USD 01/20/2021 MSCIL	0.00
SEK/USD 12/16/2020 MSCIL	0.00
INR/USD 02/17/2021 HSBCB	0.00
USD/CAD PUT 1.26 20210127 GSFX	0.00
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	0.00
SWPTN 2YX30Y R 2.3075 USD 06/20/2022 BA	0.00
JPY/USD 11/18/2020 BANKAM	0.00
NZD/USD 01/20/2021 UBS	0.00
EUR/USD 12/16/2020 BANKAM	0.00
JPY/USD 11/18/2020 JPMCB	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
NZD/USD 01/20/2021 MSCIL	0.00
NOK/USD 12/16/2020 MSCIL	0.00
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	0.00
SEK/USD 12/16/2020 GSFX	0.00
EUR/USD 12/16/2020 CITI	0.00
SWPTN 5YX30Y P 2.8325 USD 02/15/2022 JP	0.00
AUD/USD 01/20/2021 TDBK	0.00
SEK/USD 12/16/2020 SSBT	0.00
EUR/USD 12/16/2020 HSBCB	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	-0.01
SEK/USD 12/16/2020 UBS	-0.01
JPY/USD 11/18/2020 SSBT	-0.01
-0.15 R ISWP FWD EUR006M P 12/16/2030	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
IOS.FN30.350.12 P USL1M R 01/12/43 BC	-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
AUD/USD 01/20/2021 BANKAM	-0.01
IOS.FN30.400.10 P USL1M R 01/12/41 CS	-0.01
IOS.FN30.300.13 P USL1M R 01/12/44 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
USD/CNH PUT 6.50 20210415 MSCIL	-0.01
AUD/USD 01/20/2021 HSBCB	-0.01
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.01
IOS.FN30.400.14 P USL1M R 01/12/45 JP	-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
IOS.FN30.350.12 P USL1M R 01/12/43 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

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CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
SWPTN 3MX5Y R 0.418 USD 01/13/2021 BC	-0.02
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 CS	-0.02
USD/MXN PUT 19.00 20210416 GSFY	-0.02
CMB CMBX.NA.BB.7 2047-01-17 500.0 01/17/2047 CG	-0.02
1.15 R ISWP FWD US0003M P 12/16/2050	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
IOS.FN30.400.14 P US0001M R 01/12/45 JP	-0.03
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 BC	-0.03
EBIX US P R 07/05/22 CI	-0.03
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.03
CMB CMBX.NA.BB.6 2063-05-11 500.0 05/11/2063 CG	-0.04
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.04
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.05
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.05
OSIS US P R 07/05/22 CI	-0.06
CTB US P R 07/05/22 CI	-0.06
ZYXI US P US0001M R 07/05/22 CI	-0.08
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.08
SWI US P US0001M R 07/05/22 CI	-0.09
EPC US P US0001M R 07/05/22 CI	-0.09
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 MS	-0.09
ACIW US P R 07/05/22 CI	-0.10
BEAT US P US0001M R 07/05/22 CI	-0.10
PBH US P US0001M R 07/05/22 CI	-0.11
BRKR US P US0001M R 07/05/22 CI	-0.11
BGS US P R 07/05/22 CI	-0.12
QLYS US P US0001M R 07/05/22 CI	-0.12
PS US P US0001M R 07/05/22 CI	-0.13
TPIC US P US0001M R 07/05/22 CI	-0.13
OTEX US P US0001M R 12/15/25 GS	-0.14
WDFC US P US0001M R 07/05/22 CI	-0.15
DY US P R 07/05/22 CI	-0.16
SVMK US P US0001M R 07/05/22 CI	-0.16
CMPR US P US0001M R 07/05/22 CI	-0.17
CNMD US P US0001M R 07/05/22 CI	-0.18
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.19
STOR US P US0001M R 07/05/22 CI	-0.20
ENR US P R 07/05/22 CI	-0.21

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XP US P US0001M R 07/05/22 CI	-0.22
OSK US P US0001M R 07/05/22 CI	-0.23
PB US P US0001M R 07/05/22 CI	-0.24
SKX US P US0001M R 07/05/22 CI	-0.26
HBI US P R 07/05/22 CI	-0.26
VRT US P US0001M R 07/05/22 CI	-0.26
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 ML	-0.26
GWRE US P US0001M R 07/05/22 CI	-0.38
BHC US P R 07/05/22 CI	-0.38
RL US P US0001M R 07/05/22 CI	-0.42
XRAY US P US0001M R 07/05/22 CI	-0.43
AAXN US P US0001M R 07/05/22 CI	-0.46
ELAN US P US0001M R 07/05/22 CI	-0.48
LUMN US P US0001M R 07/05/22 CI	-0.53
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CG	-0.55
WAB US P R 07/05/22 CI	-0.55
BYND US P US0001M R 07/05/22 CI	-0.55
PLUG US P US0001M R 07/05/22 CI	-0.56
HZNP US P US0001M R 07/05/22 CI	-0.58
TSLA US P R 07/05/22 CI	-0.60
EBVG US P US0001M R 07/05/22 CI	-0.61
NDUEEGF P US0001M R 12/14/20 GS	-0.69
MSCI EAFE DEC20 MFSZ0	-0.76
NDUEEGF P US0003M R 03/19/21 CI	-0.79
FIVE US P US0001M R 07/05/22 CI	-0.81
RH US P US0001M R 07/05/22 CI	-0.82
STX US P US0001M R 12/15/25 GS	-0.84
ILMN US P US0001M R 07/05/22 CI	-0.85
AAP US P US0001M R 07/05/22 CI	-0.91
MIDD US P US0001M R 07/05/22 CI	-0.92
FSLR US P US0001M R 07/05/22 CI	-1.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 JP	-1.05
CTXS US P US0001M R 07/05/22 CI	-1.09
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CS	-1.10
NDUEEGF P US0003M R 09/17/21 CI	-1.63
S&P500 EMINI FUT DEC20 ESZ0	-4.88
NDUEEGF P US0001M R 08/18/21 UB	-5.85
NDUEEGF P US0001M R 02/12/21 CS	-17.49
RU10INTR P US0003M R 06/10/21 CI	-17.70
US 2YR NOTE (CBT) DEC20 TUZ0	-21.72
GSGLPW2S P US0001M R 12/15/25 GS	-27.28
GSGLPWDS P US0001M R 12/15/25 GS	-30.05
RU10INTR P US0003M R 06/20/23 BA	-32.88
SPTR P US0001M R 05/22/23 UB	-37.49

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US 10YR NOTE (CBT)DEC20 TYZ0	54.65
CGPUTQL2 R US0003M P 06/10/21 CI	37.69
UBSPUSER R US0001M P 05/22/23 UB	35.52
MLFCF15 R US0003M P 06/20/23 BA	31.06
GSGLPWDL R US0001M P 12/15/25 GS	29.07
GSGLPW2L R US0001M P 12/15/25 GS	28.24
JPCMPTFL R US0001M P 08/27/21 JP	14.92
FNMA FN30 TBA UMBS 04.0000 10/01/2050	4.22
FNMA FN30 TBA UMBS 03.5000 10/01/2050	4.17
FNMA FN30 TBA UMBS 02.5000 10/01/2050	4.15
FNMA FN30 TBA UMBS 03.0000 10/01/2050	4.14
FNMA FN30 TBA UMBS 02.5000 11/01/2050	4.14
TREASURY BILL 00.0000 11/17/2020	3.56
GSISXT27 R 0.2 P 12/15/20 GS	3.26
CASH MGMT BILL 00.0000 12/08/2020	3.16
GSVIUS85 R 0.45 P 12/15/20 GS	2.64
US 10YR ULTRA FUT DEC20 UXYZ0	2.53
GSGLPHCL R US0001M P 12/15/25 GS	2.46
BAML COMMODITY MLBX4SX6 ER STRATEGY 3X 144A NOTE 1/12/2021	2.09
CITI COMMOD F3-F0 4X LEVERED INDEX 3X NOTE 1/25/2021	2.05
MANHATTAN ASSET FUNDING CO LL 56274LKD5 DCP 10/13/2020	1.98
ALIBABA GROUP HOLDING-SP ADR SEDOL BP41ZD1	1.91
GSVIUS85 R 0.45 P 12/15/25 GS	1.88
S&P GSCI ER INDEX	1.47
NDEUSIA R US0003M P 02/12/21 UB	1.40
SAMSUNG ELECTRONICS CO LTD SEDOL 6771720	1.38
GSVIVV69 R 0.3 P 12/15/20 GS	1.38
CONSUMER DISCRETIONARY SELT SEDOL 2424341	1.36
CONSUMER STAPLES SPDR SEDOL 2369389	1.36
HEALTH CARE SELECT SECTOR SEDOL 2371823	1.35
COMM SERV SELECT SECTOR SPDR SEDOL BFXHC51	1.33
TECHNOLOGY SELECT SECT SPDR SEDOL 2369709	1.31
CITI CROSS-ASSET TREND 10% VOL INDEX	1.30
MATERIALS SELECT SECTOR SPDR SEDOL 2436841	1.26
TENCENT HOLDINGS LTD SEDOL BMMV2K8	1.05
TAIWAN SEMICONDUCTOR-SP ADR SEDOL 2113382	1.05
SKANDINAVISKA ENSKILDA BANKEN 83050TK83 DCP 10/08/2020	0.99
CHARIOT FUNDING LLC 15963TKE8 DCP 10/14/2020	0.99
SUMITOMO MITSUI TRUST BANK LT 86564YKL5 DCP 10/20/2020	0.99
ALPINE SECURITIZATION LLC 02088WKF6 DCP 10/15/2020	0.99
BPCE SA 05571BKU6 DCP 10/28/2020	0.99
FMS WERTMANAGEMENT 34411GL61 DCP 11/06/2020	0.99
NATIONWIDE BUILDING SOCIETY 6385E0L27 DCP 11/02/2020	0.99
ATLANTIC ASSET SECURITIZATION 04821TL60 DCP 11/06/2020	0.99

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FED HOME LN DISCOUNT NT	313384S83 GDC 12/11/2020	0.99
CHARTA LLC	16115VLH0 DCP 11/17/2020	0.99
GSVICUB3 R 0.45 P 12/15/20 GS		0.81
ISHARES MSCI INDIA ETF	SEDOL B6XGR72	0.71
GSVICUB3 R 0.45 P 12/15/25 GS		0.70
S&P GSCI ER INDEX		0.63
JD.COM INC-ADR	SEDOL BMM27D9	0.62
KWEICHOW MOUTAI CO LTD 144A/REGS WARRANT 10/01/2021		0.49
GSVIVVOL R 0.3 P 12/15/20 GS		0.49
CDX CDX.EM.34 100.0 12/20/2025		0.48
PING AN INSURANCE GROUP CO-H	SEDOL B01FLR7	0.47
YUM CHINA HOLDINGS INC	SEDOL BYW4289	0.45
CDX CDX.NA.HY.34 500.0 06/20/2025		0.43
NETEASE INC-ADR	SEDOL 2606440	0.43
SHENZHEN MINDRAY BIO-MEDICAL ELEC CO LTD 144A/REGS		0.42
LG ELECTRONICS INC	SEDOL 6520739	0.40
HANA FINANCIAL GROUP	SEDOL B0RNRF5	0.38
UNITED MICROELECTRONICS CORP	SEDOL 6916628	0.38
ANHUI CONCH CEMENT CO LTD-H	SEDOL 6080396	0.37
SOUTHERN COPPER CORP	SEDOL 2823777	0.37
SANY HEAVY INDUSTRY CO LTD 144A REGS WARRANT 12/21/2020		0.36
POLY DEVELOPMENTS AND HOLD 144A/REGS WARRANT 07/29/2021		0.34
SEEGENE INC	SEDOL B679Q36	0.33
VALE SA-SP ADR	SEDOL 2857334	0.32
REPUBLICA ORIENT URUGUAY USD 04.3750 10/27/2027		0.32
CHAROEN POKPHAND FOOD-FORGN	SEDOL B5L2DG6	0.32
MMC NORILSK NICKEL PJSC-ADR	SEDOL BYSW6D0	0.28
SHANGHAI PUDONG DEV BANK 144A/REGS WARRANT		0.28
CAS 2016-C02 1B	12.3981 09/25/2028	0.27
FUBON FINANCIAL HOLDING CO	SEDOL 6411673	0.26
BB SEGURIDADE PARTICIPACOES	SEDOL B9N3SQ0	0.26
ANGLO AMERICAN PLATINUM LTD	SEDOL 6761000	0.25
RADIANT OPTO-ELECTRONICS COR	SEDOL 6520278	0.24
KB FINANCIAL GROUP INC	SEDOL B3DF0Y6	0.24
ZHONGSHENG GROUP HOLDINGS	SEDOL B633D97	0.22
BANK OF SHANGHAI 144A/REGS WARRANT 12/02/2020		0.22
LUKOIL PJSC-SPON ADR	SEDOL BYZDW27	0.22
CNOOC LTD	SEDOL B00G0S5	0.22
CHINA MOBILE LTD	SEDOL 6073556	0.22
HUNDSUN TECHNOLOGIES INC 144A/REGS WARRANT 07/29/2021		0.21
BAML COMMODITY MLBX4SX6 ER STRATEGY 3X NOTE 9/2/2021		0.21
FNR 2017-74 SA IO	05.6019 10/25/2047	0.21
REALTEK SEMICONDUCTOR CORP	SEDOL 6051422	0.20
HARTALEGA HOLDINGS BHD	SEDOL B2QPJK5	0.20
CHAILEASE HOLDING CO LTD	SEDOL B58J1S8	0.19

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CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 JP	0.19
CHINA MINSHENG BANKING COR-H SEDOL B57JY24	0.19
PTT EXPLORATION & PROD-FOR SEDOL B1359J0	0.19
GREE ELECTRIC 144A/REGS WARRANT 09/20/2021	0.19
CHINA RESOURCES CEMENT SEDOL B41XC98	0.18
GRUPO FINANCIERO GALICIA-ADR SEDOL 2613570	0.18
COUNTRY GARDEN SERVICES HOLD SEDOL BDQZP48	0.18
WEICHAJ POWER CO LTD-H SEDOL 6743956	0.17
QUANTA COMPUTER INC SEDOL 6141011	0.17
GLOBALWAFERS CO LTD SEDOL BS7JP33	0.16
ADVANCED INFO SERVICE-FOR RG SEDOL 6412591	0.15
CHINA FEIHE LTD SEDOL BKOSBL1	0.15
PARADE TECHNOLOGIES LTD SEDOL B6RV676	0.14
KUMBA IRON ORE LTD SEDOL B1G4262	0.14
DAELIM INDUSTRIAL CO LTD SEDOL 6249584	0.14
WFRBS 2012-C7 F P/P 144A 04.5000 06/15/2045	0.14
GNR 2018-153 AI IO 04.5000 09/16/2045	0.14
NIEN MADE ENTERPRISE CO LTD SEDOL BSZLN15	0.14
GNR 2020-33 SA IO 05.9438 03/20/2050	0.13
KIA MOTORS CORP SEDOL 6490928	0.13
FOSHAN HAITIAN FLAVOURING & FOOD 144A/REGS WARRANT 03/12/202	0.13
CAS 2017-C02 2M2 03.7981 09/25/2029	0.13
SPY 20210917 P 270.00JPMCB	0.13
SPY 20210820 P 275.00CITI	0.12
SINOTRUK HONG KONG LTD SEDOL B296ZH4	0.12
BANCO SANTANDER BRASIL-UNIT SEDOL B4V5RY4	0.12
BANCO MACRO SA-ADR SEDOL B0Y62M9	0.12
FNR 2016-3 MI IO 05.5000 02/25/2046	0.12
HYUNDAI MOBIS CO LTD SEDOL 6449544	0.12
SCRT 2019-4 M 04.5000 02/25/2059	0.12
MWST 2019-1 A 00.9481 06/25/2052	0.11
GNR 2014-184 DI IO 05.5000 12/16/2044	0.11
DINO POLSKA SA SEDOL BD0YVN2	0.11
FNR 2015-30 IO IO 05.5000 05/25/2045	0.11
CMLTI 2007-AR5 1A1A 03.9399 04/25/2037	0.11
SPST 2019-11 A 00.9011 10/24/2020	0.11
LOGAN GROUP CO LTD SEDOL BH6X937	0.11
GNR 2015-H11 CI IO 02.7739 05/20/2065	0.11
QUALICORP CONS E CORR SEG SA SEDOL B4LHBQ0	0.11
GNR 2010-125 SD IO 06.5279 01/16/2040	0.10
HYPERA SA SEDOL B2QY968	0.10
ALIBABA GROUP HOLDING LTD SEDOL BK6YZP5	0.10
SHRP 2020-1 NOTE 03.1250 07/25/2024	0.10
HELLENIC TELECOMMUN ORGANIZA SEDOL 5051605	0.10
SPST 2020-2 A 00.9748 03/26/2021	0.10

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SPST 2020-13 A	01.6511	10/10/2021	0.10	
FNR 2018-51 IO IO	06.5000	07/25/2048	0.10	
LITE-ON TECHNOLOGY CORP	SEDOL 6519481		0.09	
CMB CMBX.NA.BB.7 2047-01-17	500.0	01/17/2047	GS	0.09
WANT WANT CHINA HOLDINGS LTD	SEDOL B2Q14Z3		0.09	
PETROBRAS GLOBAL FINANCE USD	06.2500	03/17/2024	0.09	
ENBRIDGE INC	USD 04.2500	12/01/2026	0.09	
FNR 2020-47 ID IO	04.0000	07/25/2050	0.09	
UNITED MEXICAN STATES	USD 05.5500	01/21/2045	0.09	
SYNNEX TECHNOLOGY INTL CORP	SEDOL 6868439		0.09	
COM7 PCL-F	SEDOL BZ2YN49		0.09	
GNR 2016-H02 BI IO	03.2416	11/20/2065	0.09	
FNR 2016-88 SK IO	05.8519	12/25/2046	0.08	
ELECTRICITY GEN PUB CO-FOR R	SEDOL 6304643		0.08	
CTBC FINANCIAL HOLDING CO LT	SEDOL 6527666		0.08	
FNR 2017-8 SB IO	05.9519	02/25/2047	0.08	
SPY 20210716 P 255.00CITI			0.08	
GNR 2015-H25 BI IO	03.0807	10/20/2065	0.08	
GNR 2017-H11 NI IO	02.4713	05/20/2067	0.08	
ORION CORP/REPUBLIC OF KOREA	SEDOL BDVLJ72		0.08	
GNR 2015-H15 JI IO	01.9663	06/20/2065	0.08	
CHINA SHENHUA ENERGY CO-H	SEDOL B09N7M0		0.07	
SEAZEN HOLDINGS CO 144A/REGS WARRANT	05/06/2021		0.07	
GNR 2015-H24 HI IO	02.0442	09/20/2065	0.07	
PRESIDENT CHAIN STORE CORP	SEDOL 6704986		0.07	
FNR 2017-108 SA IO	06.0019	01/25/2048	0.07	
GNR 2018-91 SJ IO	06.0938	07/20/2048	0.07	
INTER RAO UES PJSC	SEDOL B39RRN4		0.07	
FNR 2020-16 SG IO	05.8749	03/25/2050	0.07	
STACR 2020-HQA2 M2	03.2481	03/25/2050	0.07	
ECOPETROL SA-SPONSORED ADR	SEDOL B3D6J19		0.07	
FHR 4964 IA IO	04.5000	03/25/2050	0.07	
BURSA MALAYSIA BHD	SEDOL B06FV38		0.06	
GNR 2019-121 DS IO	05.9438	08/20/2049	0.06	
GNR 2016-135 PI IO	04.0000	05/20/2046	0.06	
GNR 2015-H25 AI IO	01.6269	09/20/2065	0.06	
SPY 20210618 P 250.00JPMCB			0.06	
CMB CMBX.NA.BB.9 2058-09-17	500.0	09/17/2058	CG	0.06
ZOOMLION HEAVY INDUSTRY - H	SEDOL B544N70		0.06	
GNR 2010-68 SD IO	06.4238	06/20/2040	0.06	
MARFRIG GLOBAL FOODS SA	SEDOL B1YWHR4		0.06	
PLDT INC	SEDOL BDGN274		0.06	
FNR 2012-19 S IO	05.8019	03/25/2042	0.06	
SAMSUNG ENGINEERING CO LTD	SEDOL 6765239		0.06	
CIA SANEAMENTO BASICO DE SP	SEDOL B1YCHL8		0.06	

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GNR 2016-51 MS IO	05.8938 04/20/2046	0.06
WFRBS 2011-C3 E P/P 144A	05.0000 03/15/2044	0.06
CAS 2017-C03 1M2	03.1481 10/25/2029	0.06
GNR 2017-H14 DI IO	01.7215 06/20/2067	0.06
GNR 2015-H09 AI IO	03.2194 04/20/2065	0.06
FENG TAY ENTERPRISE CO LTD	SEDOL 6336055	0.06
PETRONAS GAS BHD	SEDOL 6703972	0.05
FNR 2017-32 IP IO	04.5000 05/25/2047	0.05
MISC BHD	SEDOL 6557997	0.05
GNR 2018-H05 AI IO	02.5352 02/20/2068	0.05
UNITED INTEGRATED SERVICES	SEDOL 6105136	0.05
PROVINCIA DE BUENOS P/P 144A	10.8750 01/26/2021	0.05
WAMU 2004-AR12 A2B	01.0681 10/25/2044	0.05
FNR 2016-65 CS IO	05.9519 09/25/2046	0.05
GNR 2016-150 I IO	05.0000 11/20/2046	0.05
VIPSHOP HOLDINGS LTD - ADR	SEDOL B3N0H17	0.05
GNR 2014-H21 AI IO	02.9114 10/20/2064	0.05
GNR 2015-H20 CI IO	02.1811 08/20/2065	0.05
GNR 2015-H26 GI IO	01.8107 10/20/2065	0.05
GNR 2017-H02 BI IO	02.3727 01/20/2067	0.05
GNR 2018-104 SD IO	06.0438 08/20/2048	0.05
PETROBRAS GLOBAL FINANCE USD	06.1250 01/17/2022	0.05
MEITUAN DIANPING	SEDOL BGJW376	0.05
INDOFOOD SUKSES MAKMUR TBK P	SEDOL 6283979	0.05
PETROBRAS GLOBAL FINANCE USD	08.7500 05/23/2026	0.05
GNR 2015-H19 NI IO	01.9210 07/20/2065	0.05
GNR 2015-H09 BI IO	01.6975 03/20/2065	0.05
CIA DE TRANSMISSAO DE ENE-PF	SEDOL 2440972	0.05
CHINA YUHUA EDUCAT	SEDOL BYWPGC4	0.05
FNR 2013-130 SD IO	06.4519 01/25/2044	0.05
CAS 2015-C04 1M2	05.8481 04/25/2028	0.05
GNR 2015-H24 BI IO	01.6199 08/20/2065	0.05
TOFAS OTOMOBIL FAB	SEDOL B03MY33	0.04
SIME DARBY BERHAD	SEDOL B29TTR1	0.04
PETROBRAS GLOBAL FIN	USD 05.9990 01/27/2028	0.04
TAISHIN FINANCIAL HOLDING	SEDOL 6451680	0.04
HENGAN INTL GROUP CO LTD	SEDOL 6136233	0.04
JPMBB 2013-C14 E P/P 144A	04.8585 08/15/2046	0.04
GNR 2015-H22 GI IO	02.5968 09/20/2065	0.04
GNR 2016-H03 AI IO	03.3207 01/20/2066	0.04
SPY 20210521 P 235.00	BANKAM	0.04
GSMS 2014-GC24 D P/P 144A	04.6645 09/10/2047	0.04
CAS 2017-C02 2B1	05.6481 09/25/2029	0.04
BIM BIRLESIK MAGAZALAR AS	SEDOL B0D0006	0.04
GNR 2015-H10 CI IO	01.8130 04/20/2065	0.04

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CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 MS	0.04
GNR 2017-H06 BI IO 02.2833 02/20/2067	0.04
KT CORP SEDOL 6505316	0.04
SUN ART RETAIL GROUP LTD SEDOL B3MPN59	0.04
JPMCC 2006-LDP9 AMS 05.3370 05/15/2047	0.04
FHR 4134 PI IO 03.0000 11/15/2042	0.03
FNR 2016-3 NI IO 06.0000 02/25/2046	0.03
GNR 2016-H08 GI IO 01.4407 04/20/2066	0.03
GNR 2015-53 MI IO 04.0000 04/16/2045	0.03
GNR 2015-80 IA IO 04.5000 06/20/2045	0.03
CMB CMBX.NA.BB.6 2063-05-11 500.0 05/11/2063 CS	0.03
BBVA ARGENTINA SA-ADR SEDOL BKT4TC7	0.03
FHR 4752 PS IO 06.0476 11/15/2047	0.03
CAS 2018-C05 1M2 02.4981 01/25/2031	0.03
GNR 2015-H16 XI IO 02.4328 07/20/2065	0.03
GNR 2016-H16 DI IO 02.6453 06/20/2066	0.03
NICE INFORMATION SERVICE CO SEDOL 6248332	0.03
GNR 2015-167 BI IO 04.5000 04/16/2045	0.03
PETROLEOS MEXICANOS USD 06.3750 01/23/2045	0.03
CAS 2020-R01 1B1 03.3981 01/25/2040	0.03
GBP/USD 12/16/2020 SSBT	0.03
TECO ELECTRIC & MACHINERY SEDOL 6879851	0.03
GNR 2013-6 AI IO 03.5000 08/20/2039	0.03
GNR 2015-105 LI IO 05.0000 10/20/2039	0.03
GNR 2016-37 IW IO 04.5000 02/20/2046	0.03
GNR 2011-17 S IO 05.8938 02/20/2041	0.03
GNR 2014-146 EI IO 05.0000 10/20/2044	0.03
GNR 2018-127 IB IO 04.5000 06/20/2045	0.03
FEDERAL GRID CO UNIFIED ENER SEDOL B39RR67	0.03
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 CS	0.03
GNR 2010-9 UI IO 05.0000 01/20/2040	0.03
GNR 2015-187 JI IO 04.0000 03/20/2045	0.03
CMB CMBX.NA.BB.7 2047-01-17 500.0 01/17/2047 GS	0.03
SPY 20210416 P 225.00BANKAM	0.03
CAS 2017-C06 2M2 02.9481 02/25/2030	0.02
USD/CNH PUT 6.75 20210301 GSFX	0.02
GNR 2016-H04 KI IO 03.0408 02/20/2066	0.02
GNR 2013-20 QI IO 04.5000 12/16/2042	0.02
FHR 4259 DI IO 04.0000 06/15/2043	0.02
CWHL 2005-3 1A1 00.7681 04/25/2035	0.02
QUALITAS CONTROLADORA SAB CV SEDOL BYMXF65	0.02
GNR 2017-57 AI IO 04.0000 06/20/2045	0.02
FNR 2017-2 KI IO 04.0000 02/25/2047	0.02
GNR 2018-127 ID IO 05.0000 07/20/2045	0.02
KWG GROUP HOLDINGS LTD SEDOL B1YBF00	0.02

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BANK BTPN SYARIAH TBK PT	SEDOL BFNBJ41	0.02
WESTPORTS HOLDINGS BHD	SEDOL BDFM1K8	0.02
GNR 2009-121 UI IO	05.0000 12/20/2039	0.02
RUENTEX DEVELOPMENT CO LTD	SEDOL 6748423	0.02
PUREGOLD PRICE CLUB INC	SEDOL B725S29	0.02
GNR 2010-20 UI IO	05.0000 02/20/2040	0.02
FHR 4568 MI IO	04.0000 04/15/2046	0.02
CELLTRION INC	SEDOL B0C5YV1	0.02
IOS.FN30.400.14 R USL1M P	01/12/45 CS	0.02
HONG LEONG BANK BERHAD	SEDOL 6436892	0.02
AUD/USD 10/21/2020 HSBCB		0.02
GNR 2014-163 NI IO	05.0000 02/20/2044	0.02
IOS.FN30.350.12 R USL1M P	01/12/43 CS	0.02
GNR 2018-127 IE IO	03.5000 01/20/2046	0.02
CMB CMBX.NA.BB.9 2058-09-17	500.0 09/17/2058 ML	0.02
AUD/USD CALL 0.76 20210311	HSBCB	0.02
EUR/USD CALL 1.23 20210215	UBS	0.02
EUR/USD CALL 1.23 20210215	BANKAM	0.02
CHINA BIOLOGIC PRODUCTS HOLD	SEDOL BF0G7L2	0.02
USD/JPY PUT 105.00 20201124	GSFX	0.02
USD/JPY PUT 105.00 20201124	BANKAM	0.02
GNR 2015-H10 EI IO	01.6262 04/20/2065	0.02
GNR 2015-H18 IA IO	01.8571 06/20/2065	0.02
USD/MXN PUT 21.00 20201130	GSFX	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
GNR 2011-H15 AI IO	01.5417 06/20/2061	0.01
GNR 2013-129 SN IO	05.9938 09/20/2043	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 CG	0.01
EUR/USD CALL 1.23 20210301	MSCIL	0.01
GBP/USD PUT 1.23 20201218	BANKAM	0.01
FHR 3747 SA IO	06.3476 10/15/2040	0.01
UBSBB 2012-C2 F P/P 144A	05.0000 05/10/2063	0.01
EUR/USD CALL 1.22 20210127	BANKAM	0.01
NZD/USD 10/21/2020 SSBT		0.01
FNR 2013-35 PI IO	03.0000 02/25/2042	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
CMB CMBX.NA.BB.10 2059-11-17	500.0 11/17/2059 CS	0.01
CMB CMBX.NA.BB.9 2058-09-17	500.0 09/17/2058 MS	0.01
0.70 R ISWP FWD US0003M P	12/16/2030	0.01
SWPTN 5YX30YR 2.8325 USD	02/15/2022 JP	0.01
FHR 4193 PI IO	04.0000 03/15/2043	0.01
GNR 2013-24 PI IO	04.0000 11/20/2042	0.01

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CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 ML	0.01
TRANSMISSORA ALIANCA DE-UNIT SEDOL B1G8KX7	0.01
AUD/USD 10/21/2020 WPAC	0.01
EUR/USD 12/16/2020 BCAP-FX	0.01
HAITIAN INTERNATIONAL HLDGS SEDOL B1L2RC2	0.01
PROVINCIA DE BUENOS 33.5560 05/31/2022	0.01
FNR 2012-151 PI IO 03.0000 01/25/2043	0.01
GBP/USD 12/16/2020 UBS	0.01
FHR 4206 IP IO 03.0000 12/15/2041	0.01
EUR/CHF CALL 1.10 20201209 CSI-FX	0.01
GNR 2010-134 ES IO 05.8438 11/20/2039	0.01
AUD/USD 10/21/2020 SSBT	0.01
EUR/USD 12/16/2020 JPMCB	0.01
GNR 2015-124 NI IO 03.5000 06/20/2039	0.01
IOS.FN30.400.14 R USL1M P 01/12/45 GS	0.01
IOS.FN30.400.14 R USL1M P 01/12/45 CS	0.01
GNR 2013-157 IA IO 03.5000 04/20/2040	0.01
IOS.FN30.350.14 R USL1M P 01/12/45 CS	0.01
NZD/USD 10/21/2020 UBS	0.01
AUD/USD 10/21/2020 TDBK	0.01
SEK/USD 12/16/2020 BCAP-FX	0.01
GNR 2013-79 XI IO 03.5000 11/20/2039	0.01
0.85 R ISWP FWD AUDBB6M P 12/16/2030	0.01
3.312 R ISWP US0003M P 11/08/2048	0.01
GNR 2010-35 QI IO 04.5000 03/20/2040	0.01
CAS 2015-C02 2M2 04.1481 05/25/2025	0.01
GNR 2013-23 IK IO 03.0000 09/20/2037	0.01
AUD/USD 10/21/2020 BANKAM	0.01
CAD/USD 10/21/2020 HSBCB	0.01
GBP/USD 12/16/2020 CITI	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 MS	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CG	0.01
CMB CMBX.NA.BB.10 2059-11-17 500.0 11/17/2059 CG	0.01
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 GS	0.01
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 MS	0.01
CMB CMBX.NA.BB.9 2058-09-17 500.0 09/17/2058 GS	0.01
GNR 2015-99 LI IO 04.0000 07/20/2045	0.01
GBP/USD 12/16/2020 MSCIL	0.01
GNR 2013-100 MI IO 03.5000 02/20/2043	0.01
NZD/USD 10/21/2020 RBSF	0.00
NOK/USD 12/16/2020 JPMCB	0.00
GBP/USD 12/16/2020 JPMCB	0.00
IOS.FN30.650.67 R USL1M P 01/12/38 BC	0.00
FHR 4097 PI IO 03.5000 11/15/2040	0.00
SEK/USD 12/16/2020 RBSF	0.00

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SWPTN 2MX5Y P 0.359 USD 10/13/2020 BC	0.00
CMB CMBX.NA.BB.11 2054-11-18 500.0 11/18/2054 CG	0.00
EUR/USD 12/16/2020 RBSF	0.00
FHR 4073 AS IO 05.8976 08/15/2038	0.00
REPUBLIC OF VENEZUELA REGS 07.6500 04/21/2025	0.00
GNR 2014-133 AI IO 04.0000 10/20/2036	0.00
FNR 2012-136 PI IO 03.5000 11/25/2042	0.00
CAD/USD 10/21/2020 RBSF	0.00
GNR 2015-96 NI IO 03.5000 01/20/2039	0.00
CAD/USD 10/21/2020 GSFY	0.00
SEK/USD 12/16/2020 CITI	0.00
GBP/USD 12/16/2020 TDBK	0.00
FHR 4099 BI IO 03.5000 06/15/2039	0.00
PETROLEOS DE VENEZUELA S REGS 05.3750 04/12/2027	0.00
EUR/USD 12/16/2020 TDBK	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 BA	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 BA	0.00
AUD/USD 10/21/2020 RBSF	0.00
NZD/USD 10/21/2020 BCAP-FX	0.00
NOK/USD 12/16/2020 GSFY	0.00
FNR 2013-31 NI IO 03.0000 06/25/2041	0.00
GBP/USD 12/16/2020 WPAC	0.00
EUR/USD 12/16/2020 CSI-FX	0.00
AUD/USD 03/15/2021 UBS	0.00
EUR/USD 12/16/2020 SSBT	0.00
GNR 2012-141 WI IO 03.5000 11/20/2041	0.00
CMB CMBX.NA.BB.8 2057-10-17 500.0 10/17/2057 CG	0.00
CMB CMBX.NA.BB.8 2057-10-17 500.0 10/17/2057 CS	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 CI	0.00
GBP/USD 12/16/2020 CSI-FX	0.00
0.35 R ISWP FWD US0003M P 12/16/2025	0.00
EUR/USD 12/16/2020 GSFY	0.00
NZD/USD 10/21/2020 BANKAM	0.00
GBP/USD 12/16/2020 HSBCB	0.00
0.25 R ISWP FWD US0003M P 12/16/2022	0.00
GNR 2013-102 IP IO 03.5000 06/20/2043	0.00
IOS.FN30.350.12 R USL1M P 01/12/43 CS	0.00
EUR/USD 12/16/2020 UBS	0.00
0.60 R ISWP FWD NFIX3MID P 12/16/2030	0.00
IOS.FN30.400.10 R USL1M P 01/12/41 BC	0.00
SEK/USD 12/16/2020 TDBK	0.00
EUR/USD CALL 1.21 20201028 BANKAM	0.00
2.2225 R ISWP FWD US0003M P 06/05/2029	0.00
0.95 R ISWP FWD NOKOIB6M P 12/16/2030	0.00
CAD/USD 10/21/2020 UBS	0.00

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SWPTN 10YX20Y R 2.8175 USD 03/23/2027 GS	0.00
NOK/USD 12/16/2020 UBS	0.00
-0.30 R ISWP FWD CHL6M P 12/16/2030	0.00
MXN/USD 10/21/2020 BANKAM	0.00
CAD/USD 10/21/2020 MSCIL	0.00
NZD/USD 10/21/2020 HSBCB	0.00
JPY/USD 11/18/2020 UBS	0.00
JPY/USD 11/18/2020 MSCIL	0.00
0.815 R ISWP US0003M P 07/30/2050	0.00
CHF/USD 12/16/2020 TDBK	0.00
CHF/USD 12/16/2020 JPMCB	0.00
MXN/USD 10/21/2020 UBS	0.00
NZD/USD 10/21/2020 MSCIL	0.00
JPY/USD 11/18/2020 RBSF	0.00
JPY/USD 11/18/2020 SSBT	0.00
GNR 2015-82 GI IO 03.5000 12/20/2038	0.00
MLCFC 2006-4 XC IO P/P 144A00.7433 12/12/2049	0.00
JPY/USD 11/18/2020 HSBCB	0.00
JPY/USD 11/18/2020 BANKAM	0.00
NZD/USD 10/21/2020 JPMCB	0.00
NZD/USD 10/21/2020 CSI-FX	0.00
EUR/USD CALL 1.24 20201028 MSCIL	0.00
CHF/USD 12/16/2020 CITI	0.00
SWPTN 10YX20Y P 1.275 USD 03/05/2030 BA	0.00
GNR 2011-116 IB IO 05.0000 10/20/2040	0.00
1.275 R ISWP FWD US0003M P 03/07/2050	0.00
EUR/USD 12/16/2020 WPAC	0.00
JPY/USD 11/18/2020 GSFX	0.00
JPY/USD 11/18/2020 WPAC	0.00
GLOW ENERGY PCL - FOREIGN SEDOL B074GX9	0.00
HKD/USD 11/18/2020 TDBK	0.00
HKD/USD 11/18/2020 BANKAM	0.00
HKD/USD 11/18/2020 UBS	0.00
JPY/USD 11/18/2020 CITI	0.00
SWPTN 2YX30Y P 2.3075 USD 06/20/2022 BA	0.00
HKD/USD 11/18/2020 HSBCB	0.00
AUD/USD 10/21/2020 JPMCB	0.00
AUD/USD 10/21/2020 CSI-FX	0.00
HKD/USD 11/18/2020 SSBT	0.00
EUR/USD CALL 1.24 20201028 BANKAM	0.00
0.30 R ISWP FWD SES3M P 12/16/2030	0.00
SWPTN 10YX20Y R 1.275 USD 03/05/2030 BA	0.00
JPY/USD 11/18/2020 BCAP-FX	0.00
1.27 R ISWP FWD US0003M P 01/27/2047	0.00
CHF/USD 12/16/2020 HSBCB	0.00

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NZD/USD 10/21/2020 TDBK	0.00
2.3075 R ISWP FWD US0003M P 06/22/2052	0.00
EUR/USD 12/16/2020 MSCIL	0.00
SWPTN 10YX20Y P 2.8175 USD 03/23/2027 GS	0.00
EUR/USD 12/16/2020 HSBCB	0.00
CAD/USD 10/21/2020 CITI	0.00
NZD/USD 10/21/2020 WPAC	0.00
1.05 R ISWP FWD CDOR03 P 12/16/2030	0.00
CHF/USD 12/16/2020 MSCIL	0.00
CAD/USD 10/21/2020 BCAP-FX	0.00
EUR/USD CALL 1.21 20201028 MSCIL	0.00
SEK/USD 12/16/2020 JPMCB	0.00
0.20 R ISWP FWD SONIA P 12/16/2030	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	0.00
JPY/USD 11/18/2020 JPMCB	0.00
CHF/USD 12/16/2020 SSBT	0.00
GBP/USD 12/16/2020 RBSF	0.00
SEK/USD 12/16/2020 MSCIL	0.00
EUR/USD 12/16/2020 BANKAM	0.00
NZD/USD 10/21/2020 GSFY	0.00
SWPTN 2YX30Y R 2.3075 USD 06/20/2022 BA	0.00
USD/JPY PUT 100.00 20201124 GSFY	0.00
USD/JPY PUT 100.00 20201124 BANKAM	0.00
CAD/USD 10/21/2020 JPMCB	0.00
NZD/USD 10/21/2020 CITI	0.00
2.184 R ISWP FWD US0003M P 12/07/2030	0.00
NOK/USD 12/16/2020 MSCIL	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	0.00
AUD/USD 10/21/2020 MSCIL	0.00
CAD/USD 10/21/2020 CSI-FX	0.00
GBP/USD 12/16/2020 BCAP-FX	0.00
EUR/CHF CALL 1.12 20201209 CSI-FX	0.00
GBP/USD 12/16/2020 GSFY	0.00
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	0.00
CAD/USD 10/21/2020 WPAC	0.00
USD/MXN PUT 20.00 20201130 GSFY	0.00
EUR/USD 12/16/2020 CITI	0.00
AUD/USD 10/21/2020 GSFY	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
AUD/USD CALL 0.80 20210311 HSBCB	0.00
EUR/USD CALL 1.26 20210127 BANKAM	0.00
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	0.00
SWPTN 5YX30Y P 2.8325 USD 02/15/2022 JP	0.00
1.08 R ISWP FWD US0003M P 12/16/2050	0.00

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NOK/USD 12/16/2020 SSBT	0.00
EUR/USD CALL 1.27 20210301 MSCIL	0.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 BA	-0.01
CAD/USD 10/21/2020 BANKAM	-0.01
EUR/USD CALL 1.27 20210215 BANKAM	-0.01
EUR/USD CALL 1.27 20210215 UBS	-0.01
SEK/USD 12/16/2020 SSBT	-0.01
GBP/USD PUT 1.20 20201218 BANKAM	-0.01
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.01
IOS.FN30.350.12 P USL1M R 01/12/43 BC	-0.01
SWPTN 2MX5Y R 0.359 USD 10/13/2020 BC	-0.01
CLP/USD 10/21/2020 CITI	-0.01
SEK/USD 12/16/2020 GSFY	-0.01
SEK/USD 12/16/2020 UBS	-0.01
-0.15 R ISWP FWD EUR006M P 12/16/2030	-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
IOS.FN30.300.13 P USL1M R 01/12/44 GS	-0.01
USD/CNH PUT 6.60 20210301 GSFY	-0.01
IOS.FN30.400.10 P USL1M R 01/12/41 CS	-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
IOS.FN30.400.14 P USL1M R 01/12/45 JP	-0.01
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.01
CAD/USD 10/21/2020 TDBK	-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
IOS.FN30.350.12 P USL1M R 01/12/43 GS	-0.01
AUD/USD 10/21/2020 UBS	-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.A.6 2063-05-11 200.0 05/11/2063 CS	-0.01
CMB CMBX.NA.BB.7 2047-01-17 500.0 01/17/2047 CG	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
IOS.FN30.400.14 P US0001M R 01/12/45 JP	-0.02
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.02
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 BC	-0.03
EBIX US P R 07/05/22 CI	-0.03

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CAD/USD 10/21/2020 SSBT	-0.03
CMB CMBX.NA.A.6 2063-05-11 200.0 05/11/2063 GS	-0.03
CMB CMBX.NA.BB.6 2063-05-11 500.0 05/11/2063 CG	-0.03
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.04
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.05
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.05
CTB US P R 07/05/22 CI	-0.05
TGI US P R 07/05/22 CI	-0.07
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 GS	-0.08
ACIW US P R 07/05/22 CI	-0.08
SWI US P US0001M R 07/05/22 CI	-0.08
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 MS	-0.09
EPC US P US0001M R 07/05/22 CI	-0.09
ZYXI US P US0001M R 07/05/22 CI	-0.10
BRKR US P US0001M R 07/05/22 CI	-0.10
BEAT US P US0001M R 07/05/22 CI	-0.10
ORA US P US0001M R 12/15/25 GS	-0.11
BGS US P R 07/05/22 CI	-0.11
PBH US P US0001M R 07/05/22 CI	-0.12
DY US P R 07/05/22 CI	-0.12
QLYS US P US0001M R 07/05/22 CI	-0.13
PS US P US0001M R 07/05/22 CI	-0.13
OTEX US P US0001M R 12/15/25 GS	-0.15
CMPR US P US0001M R 07/05/22 CI	-0.16
CMB CMBX.NA.BBB-.7 2047-01-17 300.0 01/17/2047 CS	-0.18
ENR US P R 07/05/22 CI	-0.19
PB US P US0001M R 07/05/22 CI	-0.21
CDX CDX.NA.HY.35 500.0 12/20/2025	-0.22
SKX US P US0001M R 07/05/22 CI	-0.23
OSK US P US0001M R 07/05/22 CI	-0.23
HBI US P R 07/05/22 CI	-0.24
VRT US P US0001M R 07/05/22 CI	-0.24
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 ML	-0.25
ICLR US P R 07/05/22 CI	-0.33
BHC US P R 07/05/22 CI	-0.34
XRAY US P US0001M R 07/05/22 CI	-0.37
GWRE US P US0001M R 07/05/22 CI	-0.38
AAXN US P US0001M R 07/05/22 CI	-0.39
RL US P US0001M R 07/05/22 CI	-0.39
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CG	-0.52
TSLA US P R 07/05/22 CI	-0.62
NDUEEGF P US0001M R 12/14/20 GS	-0.62
IQV US P R 07/05/22 CI	-0.65
EVBG US P US0001M R 07/05/22 CI	-0.68
FIVE US P US0001M R 07/05/22 CI	-0.71

Putnam VT Multi-Asset Absolute Return Fund

Full holdings as of December 31, 2020

FSLR US P US0001M R 07/05/22 CI	-0.71
NDUEEGF P US0003M R 03/19/21 CI	-0.72
MSCI EAFE DEC20 MFSZ0	-0.73
MIDD US P US0001M R 07/05/22 CI	-0.77
STX US P US0001M R 12/15/25 GS	-0.80
ILMN US P US0001M R 07/05/22 CI	-0.83
RH US P US0001M R 07/05/22 CI	-0.87
AAP US P US0001M R 07/05/22 CI	-0.87
PLAN US P US0001M R 07/05/22 CI	-0.89
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 JP	-1.00
CMB CMBX.NA.BBB-.6 2063-05-11 300.0 05/11/2063 CS	-1.05
CTXS US P US0001M R 07/05/22 CI	-1.22
NDUEEGF P US0003M R 09/17/21 CI	-1.48
NDUEEGF P US0001M R 08/18/21 UB	-5.32
S&P500 EMINI FUT DEC20 ESZ0	-10.61
NDUEEGF P US0001M R 02/12/21 CS	-15.89
RU10INTR P US0003M R 06/10/21 CI	-18.23
US 2YR NOTE (CBT) DEC20 TUZ0	-20.10
GSGLPW2S P US0001M R 12/15/25 GS	-28.27
GSGLPWDS P US0001M R 12/15/25 GS	-28.58
RU10INTR P US0003M R 06/20/23 BA	-31.18
SPTR P US0001M R 05/22/23 UB	-35.64