

Supplementary Table II: Detected SARS-CoV-2 Variants in the 103 samples

Sample Name	Collection date	Proportion	Abundance
FMR-B7-1c	17-08-2022	BA.2.75.2 BA.2.73 BA.2.75 BA.2.75.5 BA.2.74 BA.2.64 BA.2.9.4 BA.5.2.11 BN.2 BA.2.75.4 BL.1 BA.2.75.1 BA.2.9.1 BF.9	0.39959417 0.18120365 0.17876783 0.17876783 0.00970874 0.00637568 0.00483092 0.00322581 0.00281955 0.00203978 0.00140548 0.00140548 0.00116189 0.00113347
FMR-K4-1b	17-08-2022	BA.2.75.2 BL.1 BM.1.1 BA.2.74 BA.4.2 BA.2.75.4 BN.2 BA.2.10.4 BA.5.2.11 BA.2.9.1 BA.4.6.1 BA.2.66 BF.9 BA.2.48	0.44828400 0.31766000 0.16703290 0.02370870 0.00505679 0.00415196 0.00242653 0.00239808 0.00217549 0.00143609 0.00136017 0.00126149 0.00117601 0.00102564
FMR-S8-3a	22-08-2022	BL.1 BA.2.75.2 BA.2.38 BA.2.12 BA.2.17 BA.2.74 BA.2.9.4 BA.2.14 BA.2.63 BA.4.2 BA.2.37 BA.2.64 XU BA.2.58 BN.2 BA.2.70 BA.2.59 BA.2.29 BA.2.41 BA.2.9.1 BA.2.27 BF.9 BA.2.21 BA.3.1 BA.2.48 BA.2.12.2	0.42198600 0.34146296 0.03046837 0.03046837 0.02899200 0.01869970 0.01739130 0.01711880 0.01225720 0.00912168 0.00746269 0.00646092 0.00288864 0.00273437 0.00246778 0.00239977 0.00236072 0.00208452 0.00202716 0.00175159 0.00149309 0.00133914 0.00128653 0.00123982 0.00113080 0.00100799
FMR-B6-3a	22-08-2022	BL.1 BM.2 BA.2.75 BA.2.75.2 BA.2.74 BA.2.38 BA.2.37 BA.2.17 BA.4.2 BA.2.63 BA.2.66 BA.2.75.4 BA.2.9.4 BA.2.64 XN BA.2.76.1 BN.2 BA.2.9.3 BA.2.58 BA.2.41 BA.2.59 BF.9 BA.5.2.3 BA.4.6.1 BA.2.61 BA.2.30 BA.2.9.6 B.1.618 BA.4.1.7 BA.2.19 BA.2.3.8 BH.1 BF.11	0.44721200 0.13753182 0.10163469 0.08013178 0.04572970 0.02106408 0.02106408 0.02095810 0.01783860 0.01434770 0.01063270 0.00596817 0.00515109 0.00470685 0.00310937 0.00300661 0.00239206 0.00211416 0.00211020 0.00206513 0.00187477 0.00169300 0.00154560 0.00141176 0.00132236 0.00129962 0.00122750 0.00116369 0.00108434 0.00107296 0.00106169 0.00100338 0.00100150
FMR-D2-2b	19-08-2022	BA.2.75	1
FMR-B6-6a	05-09-2022	BA.2.75 BA.2.9.4 BA.2.74 BA.4.2 BA.5.2.2 BA.2.64 BA.2.53 BA.2.59 BA.3.1 XAG XAK BF.5 BA.2.3.15	0.88421126 0.02919247 0.02489930 0.01072393 0.00729929 0.00509614 0.00402955 0.00317628 0.00265322 0.00205719 0.00166113 0.00117537 0.00103931
FMR-B6-7b	07-09-2022	BA.2.75 BF.4 BF.9 B.1.1.528 B.1.160.13 BA.4.1.4	0.97148043 0.00468861 0.00354750 0.00210453 0.00193986 0.00136612
FMR-B7-6a	05-09-2022	BA.2.75 BA.2.64 BA.4.2 BA.4.1.2 BF.9 BA.2.9.1 BA.2.77 BG.2 BA.2.33 P.1.2	0.94112544 0.01252133 0.01044933 0.00437637 0.00198341 0.00194342 0.00161850 0.00142045 0.00139907 0.00130116
FMR-B7-7a	07-09-2022	BA.2.75 BA.2.74 BA.4.2 BA.2.21 BA.2.64 BA.2.3.8 BA.3.1 BA.2.9.1 BA.2.80	0.89720350 0.04659849 0.01179660 0.00777040 0.00311851 0.00230947 0.00220798 0.00207039 0.00105666
FMR-B7-8b	12-09-2022	BA.2.75 BA.2.38.1 BA.4.2 BA.2.9.1 BA.3.1	0.77868844 0.18991487 0.01252810 0.00124069 0.00114255
FMR-B7-9b	14-09-2022	BA.2.75 BA.2.74 BA.2.64 BA.2.21 BA.4.2 BA.5.2.3 BA.2.59 BA.3 XU BA.2.77 BA.2.66	0.89884198 0.03845953 0.01224481 0.01212120 0.00586206 0.00412141 0.00343053 0.00281751 0.00175489 0.00152439 0.00113766
FMR-D1-4a	24-08-2022	BA.2.75 BA.2.66 BA.4.2 BA.2.3.4 BA.2.53 BF.5 BA.5.2.3 BA.2.29 BA.2.77 BA.2.3.15 XAG B.1.618 BA.2.46 B.1.1.389 XW BA.2.59 BA.2.38.1	0.92100877 0.01865330 0.00969755 0.00386473 0.00384551 0.00332622 0.00328587 0.00227943 0.00178162 0.00176678 0.00170068 0.00146606 0.00138323 0.00136799 0.00128961 0.00128700 0.00100692
FMR-D1-6b	05-09-2022	BA.2.75 BA.2.21 BA.4.1.1 BG.1 BA.2.9.1 XAG AM.3 BA.5.2.5 BA.2.3.6 Q.2 BA.4.1.2	0.94977417 0.01491280 0.00218711 0.00212557 0.00183814 0.00158910 0.00149065 0.00142248 0.00126775 0.00108633 0.00107680

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Sample Name	Collection date	Proportion	Abundance
FMR-D3-7b	07-09-2022	BA.2.75 BA.2.38.1 BA.2.74 BA.2.66 BA.4.2 BA.2.21 BA.2.64 XZ BA.5.2.3 BF.5 XAG XAH BA.2.46 BG.2 BA.2.3.18 BA.2.13.1 XU	0.86885973 0.02233010 0.02179840 0.01941750 0.01223062 0.00947867 0.00711572 0.00448943 0.00361488 0.00213966 0.00172329 0.00155823 0.00133333 0.00125565 0.00119332 0.00117555 0.00111162
FMR-D3-8b	12-09-2022	BA.2.75 BA.4.2 BA.2.74 BA.2.9.4 BA.3.1 BA.2.64 BA.2.9.3 BA.2.53 BA.2.59 BF.5 BA.5.2.2 BA.2.54 BG.2 BA.2.55 BA.2.77 BA.2.66 BA.2.68 BA.2.76	0.88382300 0.02420410 0.02170280 0.00625195 0.00561347 0.00521539 0.00507614 0.00405731 0.00247437 0.00189621 0.00171220 0.00152323 0.00129534 0.00127453 0.00115607 0.00110497 0.00109098 0.00102215
FMR-D3-9a	14-09-2022	BA.2.75 BA.2.74 BA.4.2 BA.2.64 BA.5.2.2 BA.3.1 XAJ BA.4.6 BA.2.19 BF.9 BA.2.53 BA.5.2.3 BA.2.66 BG.2 AV.1 AM.3	0.89488500 0.02664580 0.02350380 0.01478758 0.00179765 0.00165289 0.00159587 0.00154004 0.00151676 0.00147984 0.00142349 0.00128235 0.00115629 0.00111857 0.00104895 0.00103451
FMR-D3-10a	19-09-2022	BA.2.75 BA.2.74 BA.2.9.4 BA.4.2 BA.2.64 BA.2.12 BA.2.55 BA.5.1.7 XN BA.5.1.1 BG.2 XU BA.2.77 Q.8 B.1.618 BA.2.9.3	0.86236700 0.04951210 0.01988910 0.01333190 0.00794036 0.00222785 0.00209644 0.00203735 0.00192729 0.00187091 0.00179818 0.00137927 0.00131139 0.00118746 0.00109479 0.00109051
FMR-K4-2a	19-08-2022	BA.2.75 BA.2.73 BA.2.37 BA.2.74 BA.2.21 BA.2.64 BA.2.38.2 BA.2.53 BA.2.9.1 BA.3.1 BA.2.12.1 BA.2.66 B.1.632	0.60178569 0.28701299 0.02780310 0.02622950 0.01650530 0.00630199 0.00314984 0.00289452 0.00219929 0.00213577 0.00189925 0.00134409 0.00104439
FMR-K4-3b	22-08-2022	BA.2.75 BA.4.2 BA.5.2.3 BA.5.2.2 B.13 B.1.160.13 P.1.9 N.10 B.1.618	0.97175100 0.00436130 0.00391116 0.00203547 0.00190186 0.00127877 0.00112994 0.00101010 0.00100402
FMR-K4-4a	24-08-2022	BA.2.75 BA.4.2 BA.5.2.3 BA.3.1 BG.2 P.1.2 BA.5.7 B.1.160.13 BA.2.70	0.96103046 0.01241002 0.00247239 0.00180459 0.00130321 0.00115226 0.00114286 0.00108647 0.00101153
FMR-K4-7a	07-09-2022	BA.2.75	0.99285
FMR-K4-8a	12-09-2022	BA.2.75 BA.2.74 BA.2.66 BA.4.2 BA.2.64 BA.2.9.4 BA.2.53 XU BA.5.2.3 BA.3.1 XAG AV.1 BG.2 BG.1 B.1.618 BA.2.3.15 BA.2.77 BF.5 AM.3 BA.2.12.2 BA.2.48 BA.2.13.1	0.85691000 0.04950210 0.01581100 0.01290526 0.00879053 0.00841165 0.00349560 0.00337661 0.00252425 0.00225780 0.00185063 0.00167785 0.00164974 0.00164288 0.00148948 0.00128514 0.00124146 0.00117716 0.00110619 0.00106308 0.00103783 0.00102160
FMR-K4-9b	14-09-2022	BA.2.75 BA.4.2 AV.1 BA.3.1 B.1.618	0.97561000 0.00811632 0.00118343 0.00116918 0.00110059
FMR-K4-10a	19-09-2022	BA.2.75 BA.2.74 BA.4.2 BA.2.64 BA.3.1 BA.2.59 BA.2.38.1 BA.2.77 BG.2 BA.2.9.4 XU BA.2.9.1 BA.5.1.7 AV.1	0.91322100 0.02094820 0.01355578 0.00598410 0.00534122 0.00291262 0.00285199 0.00231481 0.00186788 0.00176991 0.00176036 0.00108342 0.00103022 0.00100387
FMR-K5-6a	05-09-2022	BA.2.75 BA.2.74 XZ B.1.1.524 XAH	0.96575900 0.00555951 0.00393128 0.00295421 0.00260600
FMR-K5-7a	07-09-2022	BA.2.75 BA.2.21 BA.2.9.4 BA.2.12 BA.2.4 BA.2.52 BA.2.34 BA.2.74 BA.4.2 BA.2.38.1 BA.2.66 BA.2.35 BA.2.63 BA.2 BA.2.64 BA.2.57 BA.2.17 BA.2.38 BA.2.37 BA.2.59 BA.5.2.3 BA.4.1.4 BA.2.29 Q.7 BA.2.9.1 BA.3.1 BA.5.2.4 BA.2.3.15 AV.1 BA.2.49 BA.2.26 BF.9 BA.2.76 XH	0.63092711 0.02919710 0.02828890 0.02797474 0.02681780 0.02620400 0.02517230 0.02355710 0.02330830 0.01908250 0.01740140 0.01537590 0.01261830 0.01139982 0.00823848 0.00600100 0.00600100 0.00600100 0.00600100 0.00408998 0.00398010 0.00310604 0.00217606 0.00213675 0.00210748 0.00202664 0.00186567 0.00176031 0.00171050 0.00148335 0.00143120 0.00122662 0.00107273 0.00103520

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Sample Name	Collection date	Proportion	Abundance
FMR-K5-13b	28-09-2022	BA.2.23.1 BA.2.80 BA.2.64 BA.2.44 BA.5.6 BA.2.25.1 XL BC.2 BA.5.2.5 B.1.177.23 B.4.7 XZ BA.1.13.1 BA.2.81 BA.2.77 BA.2.40.1 BA.2.40 BA.2.9.1 BA.5.2.2 BA.1.15 BA.1.15.3 BA.1.15.2 AY.49	0.25000000 0.11111100 0.08035700 0.07692310 0.06451610 0.05882350 0.04761900 0.03846150 0.03166950 0.02952331 0.02857140 0.02631580 0.02564100 0.02000000 0.01923080 0.01923075 0.01923075 0.01785710 0.01492540 0.00519590 0.00519590 0.00519590 0.00440529
FMR-B6-50a	22-02-2023	XBB.1.16.1 XBB.1.16 XBB.1.28 XBB.1.10 B.1.619 XBB.2.3.2 XBB.3.3 XW	0.25000000 0.25000000 0.24232208 0.24232208 0.00211416 0.00176678 0.00124844 0.00103573
FMR-B6-51a	27-02-2023	XBB.2.3 XBB.2.3.2 BA.2.75.3 BA.2.75.10 BA.2.75 XBB.2.6 XBB.2.8 XBB.2 XBB.2.7.1 XBB.1.20	0.24999998 0.24999998 0.08333331 0.08333331 0.08333331 0.08125298 0.08125298 0.08125298 0.00488599 0.00135501
FMR-B6-52b	02-03-2023	XBB.1.5.28 XBB.1.9 XBB.5 B.1.258.4	0.98889438 0.00655738 0.00148300 0.00101175
FMR-B6-53a	08-03-2023	XBB.2.3.2 XBB.6 XBB.1.22.2 XBB.1.22.1 XBB.1.22 XBB.1.18 XBB.1 XBB.2 XBB.2.5 XBB.2.7 XBB.1.7 XBB.1.15 XBB.1.4 XBB.1.29 XBB.2.6 XBB.2.1 XBB.2.2 XBB BA.5.2.47	0.25000000 0.07999838 0.04440298 0.04440298 0.04440298 0.04114930 0.04114930 0.04114930 0.04114930 0.04114930 0.04114930 0.04114930 0.04114930 0.04114930 0.04114930 0.04114930 0.04114930 0.04114930 0.00185185
FMR-B6-54a	13-03-2023	XBB.1.28 XBB.1.13 XBB.7 XBB.1 XBB.2 XBB.6 XBB.2.8 XBB.2.5 XBB.5 XBB XBB.1.6 XBB.1.7 XBB.1.18 XBB.1.4 XBB.1.15 XBB.1.11 XBB.1.17 XBB.1.9.3	0.50000000 0.03090807 0.03090807 0.03090807 0.03090807 0.03090807 0.03090807 0.03090807 0.03090807 0.03090807 0.03090807 0.03090807 0.03090807 0.03090807 0.03090807 0.03090807 0.03090807 0.00453515
FMR-B6-55a	15-03-2023	XBB.1.28 FG.3 XBB.1.5.16 XBB.1.18.1 XBB.1.5.21 XBB.1.18 XBB.1.5.4 XBB.1.5.26 XBB.1.4.1 XBB.1.5.31 XBB.1.5.11 XBB.1.5.23 XBB.1.5.30 XBB.1.5 XBB.1.15 XBB.1.5.35 XBB.1.4 XBB.1.9.3 FE.1 XBB.1.5.27	0.50000000 0.03069613 0.03069613 0.03069613 0.03069613 0.03069613 0.03069613 0.03069613 0.03069613 0.03069613 0.03069613 0.03069613 0.03069613 0.03069613 0.03069613 0.03069613 0.03069613 0.00555556 0.00217391 0.00113250
FMR-B7-50a	22-02-2023	XBB.1.5.28 XBB.1.12 XBB.1.6 XBL XBB.1.5.26 XBB.1.9.3	0.97762943 0.00627615 0.00527983 0.00349162 0.00255102 0.00182698
FMR-B7-51b	27-02-2023	XBB.1.6 FH.1 XBB.1.5.30 XBB.1.5.35 XBB.1.5.2 XBB.1.5.3 XBB.1.5.33 XBB.1.5.26 XBB.1.5.14 XBB.1.5 XBB.1.14 XBB.2.6 XBB.1.21 XBB.1.4 XBB.1.7 XBB.2.5 XBB.2.4 XBB.2 XBB.1 FD.1 XBB.1.5.4 XBB.1.5.1 XBB.1.5.12 FD.2 EK.1 EK.3 XBB.1.5.20 XBB.1.5.25 XBB.1.5.6 XBB.1.5.17 XBB.1.5.15 EU.1 XBB.1.5.13 XBB.1.5.34 XBB.1.5.22 XBB.1.5.24 XBB XBB.1.5.23 XBB.6 XBB.1.19.1 XBB.1.19 BN.1.3.3	0.20000000 0.02183991 0.00495050 0.00227790 0.00193799 0.00193799 0.00169635
FMR-B7-52b	02-03-2023	XBB.1.16 BA.2.48 BA.2.72 BA.2.40 BA.2.40.1 XBB.2.3	0.98366583 0.00296150 0.00228311 0.00126262 0.00126262 0.00111726
FMR-B7-53a	08-03-2023	XBB.1.16.1 XBB.1.4.1 FD.2 CA.1 BN.1.11	0.82123605 0.12500000 0.04000000 0.00891720 0.00330306

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Sample Name	Collection date	Proportion	Abundance
FMR-B7-54a	13-03-2023	XBB.1.4 XBB.1.15 XBB.1 XBB.2 XBB.8 XBB.4 XBB.2.4 XBB.5 XBB XBB.1.21 XBB.1.1 XBB.1.5.23 XBB.1.5.24 XBB.1.10 BN.1.11 XBB.2.3 BN.1.5 BN.1.5.2 BN.1.4.2 XBB.1.5.31	0.07450142 0.07450142 0.07450142 0.07450142 0.07450142 0.07450142 0.07450142 0.07450142 0.07450142 0.07450142 0.07450142 0.07450142 0.07450142 0.01190480 0.00442198 0.00166759 0.00130073 0.00130073 0.00108696 0.00100806
FMR-B7-55a	15-03-2023	XBB.1.7 XBB.1.5	0.50000000 0.50000000
FMR-D1-51a	27-02-2023	XBB.2.3.2 XBB.1.10 XBB.2.2 XBB.5 XBB.2.7 XBB.2.5 XBB.3 XBB.6 XBB.4 XBB.2 XBB.1 XBB	0.17578571 0.14701212 0.06772022 0.06772022 0.06772022 0.06772022 0.06772022 0.06772022 0.06772022 0.06772022 0.06772022 0.06772022
FMR-D1-52a	02-03-2023	XBB.1.10 XBB.2.3 XBB.1.6 BA.2.61 XBB.3.3 XBB.1.5.37 BA.2.3.4 XBB.1.12 FG.1	0.73151912 0.25000000 0.00607287 0.00185185 0.00183150 0.00176367 0.00173989 0.00161681 0.00112867
FMR-D1-53b	08-03-2023	BA.2 BA.2.15 XG XN BA.2.31.1 BA.2.48 BA.2.36 BA.2.34 BA.2.14 BA.2.18 BA.2.71 BA.2.33 BA.2.23 BA.2.24 BA.2.1 BA.2.31 BA.2.4 BA.2.56 BA.2.32 XBB.3 XBB.5 XBB.2.5 XBB.2.4 XBB XBB.4 XBB.2 XBB.1 XBB.1.7 FD.1 FD.1.1 XBB.1.18 XBB.1.5.3 XBB.1.5.20 XBB.1.5.25 XBB.1.5.15 EU.1 XBB.1.5.34 EM.1 XBB.1.18.1 XBB.1.5.24 XBB.1.5.23 XBB.1.5.36 XBB.1.5.28 XBB.1.5.1 XBB.1.5.30 XBB.1.5.33 XBB.1.5.26 XBB.1.5.7 XBB.1.5.14 XBB.1.5 XBB.2.6 XBB.1.13 XBB.1.28 BA.5.7 XBB.1.5.11 XBB.1.1 BA.2.9.6 XBB.1.15 XAK XBB.1.16	0.02913618 0.02913618 0.02913618 0.02913618 0.02913618 0.02913618 0.02913618 0.02913618 0.02913618 0.02913618 0.02913618 0.02913618 0.02913618 0.02913618 0.02913618 0.02913618 0.02913618 0.02913618 0.02913618 0.01253801 0.00610998 0.00319489 0.00308642 0.00291545 0.00277778 0.00268817 0.00139046 0.00128150
FMR-D1-54a	13-03-2023	XBB.1.5.24 FE.1 B.1.395 BA.2.33 BA.2.61 BA.2.27 BA.2.65 XBB.1.22.1 XBB.1.22 XBB.1.9	0.97752523 0.00563910 0.00363259 0.00309598 0.00240964 0.00158479 0.00125359 0.00110742 0.00110742 0.00110742
FMR-D1-55a	15-03-2023	XBB.1.16 XBB.1.22.1 XBB.1.22	0.66666700 0.16666650 0.16666650
FMR-D2-50b	22-02-2023	XBB.1.27 XBB.1.28 XBB.1.15 XBB.1.4 XBB.1.18 XBB.1.9.5 XBB.1.9 XBB.1.5.5 XBB.2.3	0.33294758 0.23620592 0.13956441 0.13956441 0.13956441 0.00438596 0.00438596 0.00123533 0.00100641
FMR-D2-51a	27-02-2023	XBB.1.16.1 BA.5.2.51 XBB.1 XBB.2 XBB.4 XBB.3 XBB.2.4 XBB.2.5 XBB.1.19 XBB.1.5.4 XBB.1.7 XBB.1.4 XBB.1.19.1 XBB.1.5 XBB.1.5.14 XBB.1.5.33 XBB.1.5.3 XBB.1.5.2 XBB.1.5.30 FH.1 EL.1 XBB.1.5.27 XBB.1.5.20 XBB.1.5.25 XBB.1.5.8 XBB.1.5.17 XBB.1.5.15 XBB.1.5.10 XBB.1.5.28 XBB.1.5.21 XBB.1.5.34 XBB.1.5.24 XBB.1.5.23 XBB.1.5.11 XBB.1.5.36 XBB	0.83516500 0.00970874 0.00456254

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Sample Name	Collection date	Proportion	Abundance
FMR-K4-53a	08-03-2023	XBB.1.16 XBB.1.22.1 XBB.1.5.36 XBB.1.5.1 XBB.1.5.3 XBB.1.5.26 XBB.1.5.7 XBB.1.11.1 XBB.1.5 XBB.1.30 XBB.2.7.1 XBB.2.6 XBB.1.21 XBB.1.11 XBB.1.18 XBB.1.7 XBB.1.13 XBB.2.7 XBB.2.5 XBB.2.4 XBB.2 XBB.1 XBB EK.2.1 XBB.1.5.28 XBB.1.5.17 EK.2 EK.3 XBB.1.5.20 XBB.1.5.32 XBB.1.5.25 XBB.1.5.6 XBB.1.5.39 XBB.1.5.8 XBB.1.5.19 XBB.1.5.23 XBB.1.5.15 EU.1 XBB.1.22 XBB.1.5.13 XBB.1.5.10 XBB.1.5.34 EM.1 XBB.1.18.1 EK.1 BN.1.4.2 BE.2 CA.5 BN.1.5 XAC BN.1.9 BA.2.3.2 XBB.1.23 XBB.1.4.1 B.1.1.258	0.04235670 0.02137747 0.00220264 0.00202020 0.00193798 0.00159617 0.00138313 0.00132802 0.00113507 0.00113250 0.00109890 0.00102354
FMR-K4-54a	13-03-2023	XBB.1.10 XBB.1.13 BF.34 XBB.1.28	0.98822737 0.00509165 0.00135501 0.00104384
FMR-K4-55a	15-03-2023	XBB.1.16 XBB.1.5.24 XBB.1.5.32 XBB.1.5.8 XBB.1.16.1 XBL XBB.1.9.4	0.69293066 0.16997998 0.12500000 0.00345423 0.00322211 0.00183824 0.00150602
FMR-K5-50b	22-02-2023	XBB.1.16 XBB.1.16.1 XBB.1.22.1 XBB.1.5.36 XBB.1.5.14 XBB.1.5.31 XBB.1.5.26 XBB.1.5.33 XBB.1.5.3 XBB.1.5.2 XBB.1.5.30 XBB.1.5.12 XBB.1.5.23 XBB.1.22 XBB.1.5.24 XBB.1.18.1 XBB.1.5.34 XBB.1.5.15 XBB.1.5.17 XBB.1.5.39 XBB.1.5.25 XBB.1.5.20 XBB.1.5	0.25000001 0.25000000 0.02380952
FMR-K5-51b	27-02-2023	XBB.1.16.1 XBB.2.3 XBB.1.9.3	0.99429400 0.00222900 0.00106200
FMR-K5-52a	02-03-2023	XBB.1.16.1 XBB.1.27 XBB.1.13 B.1.1.153 XBB.1.21 XBB.1.10	0.94349777 0.04479187 0.00578035 0.00172700 0.00156039 0.00153139
FMR-K5-53a	08-03-2023	XBB.1.16.1 XBB.1.16	0.83200000 0.16621300
FMR-K5-54a	13-03-2023	BA.2.75.1	0.99401
FMR-K5-55a	15-03-2023	XBB.1.5.32 XBB.1.5.24	0.50000000 0.50000000
FMR-B6-60a	05-04-2023	XBB.1.16.1	0.9901
FMR-B9-59b	03-04-2023	XBB.1.16.1 XBB.1.16 XBB.2.3.3 XBB.2.3.4 XBB.2.3 B.1.321	0.34691000 0.28315500 0.12262167 0.12262167 0.12262167 0.00128205
FMR-D2-59b	03-04-2023	XBB.1.16.1 XBB.2.4 XBB.2.3 XBB.2.3.3 XBB.1.5.28 XBB.1.6 FD.2 B.26 XBB.2.3.1 BA.2.50 BF.11.4 BF.11	0.32337000 0.19516327 0.18002245 0.18002245 0.09446840 0.01534530 0.00303030 0.00268500 0.00173010 0.00165017 0.00125628 0.00125628
FMR-K4-59b	03-04-2023	XBB.1.16	1
FMR-L10-60a	05-04-2023	XBB.1.16.1 XBB.1.16 FE.1	0.49608822 0.49332978 0.01058200
FMR-S8-60b	05-04-2023	XBB.1.16.1 XBB.1.16 XBB.1.25 XBB.6	0.80018800 0.16647900 0.03129600 0.00203700

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Sample Name	Collection date	Proportion	Abundance
FMR-D1-67b	02-05-2023	XBB.1.16.2 FU.1 XBB.1.16.1	0.10659063 0.10659063 0.10659063 0.10659063 0.10659063
		XBB.1.16.4 XBB.1.16.6 FU.2	0.10659063 0.10659063 0.10659063 0.01387821 0.01387821
		XBB.1.16.5 XBB.1.16.3 XBB.1.22.1	0.01387821 0.01387821 0.01387821 0.01387821 0.01387821
		XCC XBB.1.22.2 FY.1 XBB.1.22	0.01387821 0.01387821 0.00423422 0.00278164 0.00159490
		XBB.1.25 FY.2 FY.3 FY.4 B.1.620	0.00157978 0.00155763 0.00154321 0.00147929 0.00145349
		BF.8 BA.5.2.41 B.1.499 XBB.2.2 DV.1.1 BE.12 BQ.1.1.59	
FMR-D2-67a	02-05-2023	XBB.1.16.3 XBB.1.16.5 FU.1 FU.2	0.12500000 0.12500000 0.12500000 0.12500000 0.12500000
		XBB.1.16.2 XBB.1.16.6 XBB.1.16.4 XBB.1.16.1	0.12500000 0.12500000 0.12500000
FMR-K4-67a	02-05-2023	XBB.1.16.5 XBB.1.16.3 XBB.1.16.2	0.03125000 0.03125000 0.03125000 0.03125000 0.03125000
		FU.1 XBB.1.16.4 XBB.1.16.1	0.03125000 0.03125000 0.03125000 0.00521392 0.00521392
		XBB.1.16.6 FU.2 XBB.1.5.35	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		XBB.1.5.2 XBB.1.5.18 XBB.1.5.3	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		XBB.1.5.33 XBB.1.5.30 XBB.1.5.1	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		XBB.1.5.28 XBB.1.5.12 XBB.1.5.16	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		XBB.1.5.36 XBB.1.5.40 XBB.1.5.63	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		FD.1.1 XBB.1.5.55 XBB.1.5.43	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		XBB.1.5.10 XBB.1.5.51 XBB.1.5.34	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		EM.1 XBB.1.5.69 XBB.1.5.22	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		XBB.1.5.24 XBB.1.5.23 XBB.1.9.3	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		XBB.1.5.47 XBB.1.9.5 XBB.1.9.4	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		XBB.1.16 XBB.1.5.68 XBB.1.5.59	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		XBB.1.5.52 XBB.1.5.67 XBB.1.5.11	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		XBB.1.5.26 XBB.1.24.1 XBB.1.5.66	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		XBB.1.21 XBB.1.25 XBB.1.37.1	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		XBB.1.27 XBB.1.12 XBB.1.40	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		XBB.1.29 XBB.1.11 XBB.1.28.1	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		XBB.1.15 XBB.1.28 XBB.1.4	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		XBB.1.7 XBB.1.37 XBB.1.13	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		XBB.1.14 XBB.1.1 XBB.1.5.31	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		XBB.1.23 XBB.1.5.7 XBB.1.5.14	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		FG.3 FW.2 FW.1 XBB.1.4.1	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		XBB.1.9 XBB.1.30 XBB.1.11.1	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		XBB.1.36 XBB.1.5 XBB.1.32	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		XBB.1.35 XBB.1.24 XBB.1.5.38	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		XBB.1.9.1 FG.2 FL.2.1 FL.3.4	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		XBB.1.5.27 XBB.1.5.46 FD.4	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		EU.1.1.1 XBB.1.22 FL.3.1	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		XBB.1.9.2 FL.3.2 XBB.1.5.29	0.00521392 0.00521392 0.00521392 0.00521392 0.00521392
		XBB.1.5.65 XBB.1.5.5 XBB.1.5.19	0.00521392
		XBB.1.5.20 FL.1 XBB.1.22.1	
		XBB.1.5.48 FL.1.1 FY.3 FY.2	
		FY.1 EG.2 FL.1.3 FL.1.2 FL.3.3	
		XBB.1.22.2 XBB.1.5.41 FT.1	
		FH.1 FD.1 FD.3 FD.2 XBB.1.5.37	
		XBB.1.5.32 FZ.1 XBB.1.5.58 GC.1	
		GC.2 FZ.1.1 FG.1 XBB.1.5.44 EU.1	
XBB.1.5.4 FL.2 EL.1 XCC GD.1			
FY.4 XBB.1.5.21 FZ.2 FL.3 FL.4			
XBB.1.5.25 XBB.1.5.15 XBB.1.5.6			
XBB.1.5.49 XBB.1.5.39 XBB.1.5.61			
XBB.1.5.56 XBB.1.5.17 EU.1.1			
FL.8 XBB.1.5.60 FL.11 FL.12 FL.7			
FL.10 FL.6 XBB.1.38			

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Sample Name	Collection date	Proportion	Abundance
FMR-B6-67a	02-05-2023	XBB.1.16.5 XBB.1.16.1 XBB.1.16.3	0.06250000 0.06250000 0.06250000 0.06250000 0.06250000
		FU.1 XBB.1.16.4 XBB.1.16.6	0.06250000 0.06250000 0.06250000 0.00544835 0.00544835
		XBB.1.16.2 FU.2 XBB.1.5.3	0.00544835 0.00544835 0.00544835 0.00544835 0.00544835
		XBB.1.5.2 XBB.1.5.18 XBB.1.5.26	0.00544835 0.00544835 0.00544835 0.00544835 0.00544835
		XBB.1.5.33 XBB.1.5.1 XBB.1.5.55	0.00544835 0.00544835 0.00544835 0.00544835 0.00544835
		XBB.1.5.66 XBB.1.5.31 XBB.1.5.7	0.00544835 0.00544835 0.00544835 0.00544835 0.00544835
		XBB.1.5.30 FD.1.1 XBB.1.5.28	0.00544835 0.00544835 0.00544835 0.00544835 0.00544835
		XBB.1.5.12 FW.2 XBB.1.5.16	0.00544835 0.00544835 0.00544835 0.00544835 0.00544835
		XBB.1.5.36 XBB.1.5.40 XBB.1.5.63	0.00544835 0.00544835 0.00544835 0.00544835 0.00544835
		XBB.1.5.47 XBB.1.5.11 XBB.1.5.67	0.00544835 0.00544835 0.00544835 0.00544835 0.00544835
		XBB.1.5.14 XBB.1.5 FW.1	0.00544835 0.00544835 0.00544835 0.00544835 0.00544835
		XBB.1.11.1 XBB.1.37 XBB.1.7	0.00544835 0.00544835 0.00544835 0.00544835 0.00544835
		XBB.1.18 XBB.1.28 XBB.1.15	0.00544835 0.00544835 0.00544835 0.00544835 0.00544835
		XBB.1.11 XBB.1.21 XBB.1.29	0.00544835 0.00544835 0.00544835 0.00544835 0.00544835
		XBB.1.40 XBB.1.12 XBB.1.27	0.00544835 0.00544835 0.00544835 0.00544835 0.00544835
		XBB.1.14 XBB.1.28.1 XBB.1.1	0.00544835 0.00544835 0.00544835 0.00544835 0.00544835
		XBB.1.30 XBB.1.35 XBB.1.32	0.00544835 0.00544835 0.00544835 0.00544835 0.00544835
		XBB.1.5.59 XBB.1.36 XBB.1.5.52	0.00544835 0.00544835 0.00544835 0.00544835 0.00544835
		XBB.1.5.24 XBB.1.6 XBB.1.5.60	0.00544835 0.00544835 0.00544835 0.00544835 0.00544835
		XBB.1.5.15 XBB.1.5.61 XBB.1.5.39	0.00544835 0.00544835 0.00544835 0.00544835 0.00419991
		XBB.1.5.49 XBB.1.5.25 XBB.1.5.32	
		XBB.1.5.48 XBB.1.5.20 XBB.1.5.19	
		XBB.1.5.5 XBB.1.5.65 XBB.1.5.29	
		EU.1.1.1 FD.4 XBB.1.5.46	
		XBB.1.5.27 FD.2 FD.3 FD.1	
		EU.1.1 FE.1.2 XBB.1.5.38 GC.1	
		XBB.1.5.23 FT.1 XBB.1.18.1	
		XBB.1.5.22 XBB.1.5.69 EM.1	
		XBB.1.5.34 XBB.1.5.51 XBB.1.5.10	
		XBB.1.13 XBB.1.5.54 FG.2 FZ.1	
		XBB.1.5.21 FE.1 EL.1 EU.1	
		XBB.1.5.44 GC.2 XBB.1.16	
		FMR-B9-67a	02-05-2023
XBB.1.16.2 XBB.1.16.6 XBB.1.16.4	0.08333337 0.08333337 0.08333337 0.08333337		
XBB.1.16.1 XBB.1.16.3			
FMR-L10-67a	02-05-2023	XBB.1.16.5 FU.2 XBB.1.16.2	0.08333338 0.08333338 0.08333338 0.08333338 0.08333338
		XBB.1.16.6 XBB.1.16.4 XBB.1.16.1	0.08333338 0.08333338 0.08333338 0.03030300 0.03030300
		XBB.1.16.3 FU.1 XBB.2.3.10	0.03030300 0.03030300 0.03030300 0.03030300 0.03030300
		XBB.2.3.7 XBB.2.3.3 XBB.2.3.11	0.03030300 0.03030300 0.03030300 0.03030300
		XBB.2.3.4 XBB.2.3.2 XBB.2.3.9	
XBB.2.3.1 XBB.2.3.5 GE.1 XBB.2.3			
FMR-B6-76b	31-05-2023	BA.2.15 BA.2.30 BA.2.51 BA.2.25	0.03447818 0.03447818 0.03447818 0.03447818 0.03447818
		BA.2.71 BA.2.14 BA.2.85 BA.2.11	0.03447818 0.03447818 0.03447818 0.03447818 0.03447818
		BA.2.1 BA.2.36 BA.2.31 BA.2.27	0.03447818 0.03447818 0.03447818 0.03447818 0.03447818
		BA.2.65 BA.2.29 BA.2.5 BA.2.4	0.03447818 0.03447818 0.03447818 0.03447818 0.03447818
		BA.2.7 BA.2.56 BA.2.26 BA.2.45	0.03447818 0.03447818 0.03447818 0.03447818 0.03447818
		BA.2.13 BA.2.55 BA.2.31.1 BA.2.82	0.03447818 0.01851850 0.01587300 0.01587300 0.01587300
		BA.2.32 BA.2.13.1 BA.2.12.2	0.01449280 0.00574713 0.00523560 0.00473934 0.00427350
		BE.9 BE.6 BE.7 BF.7.26 CH.1.1.17	0.00294118
		BF.7.18 BA.5.1.8 BA.2.3.7 BG.1	

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Sample Name	Collection date	Proportion	Abundance
FMR-B7-76a	31-05-2023	BA.3 BA.2.23 BA.2.10.2 BA.2.10.3 BA.2.33 BA.2.11 BA.2.40 BA.2.50 BA.2.30 BA.2.41 BA.2.72 BA.2.43 BA.2.24 BA.2.85 BA.2.10 BA.2.1 BA.2.31 BA.2.27 BA.2.58 BA.2.65 BA.2.29 BA.2.5 BA.2.56 BA.2 BA.2.10.1 BA.2.18 BA.2.47 BA.2.81 XW BA.2.82 BA.2.31.1 BA.2.55 BA.2.22 BA.2.46 BA.2.13 BA.2.45 BA.2.14 BA.2.23.1 XAS BA.2.59 BA.2.40.1 BA.2.15 BA.2.19 BA.2.36 BA.2.51 BA.2.69 BA.2.25 BA.2.71 BA.2.13.1 BA.4.8 BA.2.3.7 BQ.1.13	0.02325600 0.01996624 0.01162790 0.00367647 0.00306000
FMR-B9-76a	31-05-2023	BA.2.10.3 BA.2.10.2 BA.2.4 BA.2.5 BA.2.65 BA.2.58 BA.2.27 BA.2.31 BA.2.10 BA.2.23 BA.2.72 BA.2.41 BA.2.30 BA.2.50 BA.2.62 BA.2.33 BA.2 BA.2.57 BA.2.55 BA.2.31.1 BA.2.17 BA.2.67 BA.2.68 BA.2.73 BA.2.12 BA.2.10.1 BA.2.15 BA.2.2 BA.2.59 XN BA.2.28 XAP XAT BA.2.21	0.03386748 0.00628931 0.00485437 0.00397498 0.00167502 0.00104932
FMR-D1-77b	05-06-2023	XAS BA.2.65 BL.1.1 B.1.502	0.49485702 0.49485702 0.00666667 0.00170358
FMR-D2-77b	05-06-2023	BA.2.40.1 BA.2.33 BA.2.19 BA.2.16 BA.2.36 BA.2.51 BA.2.25 BA.2.71 BA.2.34 BA.2.14 BA.2.18 BA.2.10.1 BA.2.10.2 BA.2.10.3 BA.2.11 BA.2.32 BA.2.40 BA.2.30 BA.2.72 BA.2.23 BA.2.3 BA.2.10 BA.2.31 BA.2.27 BA.2.65 BA.2.29 BA.2.5 BA.2.4 BA.2.15 BA.2.56 BA.2.3.6 BA.2.70 BA.2.13.1 BA.2.3.15 BA.2.3.7 BA.2.31.1 BA.2.55 BA.2.3.13 BA.2.3.18 BA.2.35 BA.2.13 BA.2.45 BA.2.47 BA.2.23.1 BA.2.3.5 BA.2.3.16 BA.2.3.10 BA.2.3.9 BA.2.3.2 BN.3 BA.4.2 XBR BA.4.1 BA.4.1.5 BA.4.1.9 BA.4.1.4 BA.4.1.1 BA.4.1.8 XBF.3	0.01887243 0.01857842 0.01538460 0.01520538 0.00396825 0.00396825 0.00396825 0.00396825 0.00396825 0.00396825 0.00227272
FMR-K4-76b	31-05-2023	BA.2.10.2 BA.2.10.1 BA.2.29 BA.2.65 BA.2.31 BA.2.10 BA.2.24 BA.2.23 BA.2.10.3 BA.2 BA.2.19 BA.2.15 BA.2.55 BA.2.31.1 BA.2.6 XQ BA.2.33 XAH XAP XG BA.2.64	0.06807550 0.06807550 0.06807550 0.06807550 0.06807550 0.06807550 0.06807550 0.06807550 0.06807550 0.06807550 0.06807550 0.06807550 0.06807550 0.06807550 0.00826446 0.00816308 0.00719424 0.00694449 0.00694449 0.00562991 0.00380226
FMR-K5-76b	31-05-2023	BA.2.82 BA.2.62 BA.2.3 XAP XAH BA.3	0.97566202 0.00709220 0.00543478 0.00512057 0.00512057 0.00156986
FMR-L10-76a	31-05-2023	BA.2.48 BA.2.71 BA.2.55 BA.2.31 BA.2.40.1 BA.2.15 BA.2.19 BA.2.36 BA.2.51 BA.2.25 BA.2.14 BA.2.27 BA.2.18 BA.2.85 BA.2.10.1 BA.2.10.3 BA.2.33 BA.2.40 BA.2.30 BA.2.23 BA.2.31.1 BA.2.65 BA.2.1 BA.2.29 BA.2.4 BA.2.5 BA.2.10 BF.31.1 BE.8 BE.12 XN BN.3 BA.5.2.41 BA.5.2.8 BA.5.2.35 BF.26 XBP BA.5.2.9 BF.32 BN.1.5 BN.1.11 DH.1 DY.1 DY.1.1 DY.3 BA.5.2.48 DY.4 XAK DQ.1 BA.1.14.1 BA.2.2.1	0.03380789 0.00937500 0.00826446 0.00823723 0.00595948 0.00586690 0.00524476 0.00460829 0.00422833 0.00386100 0.00314465 0.00251889 0.00216344 0.00208098 0.00195312 0.00165837 0.00153257 0.00153257 0.00153257 0.00153257 0.00153257 0.00148651 0.00145773 0.00141044 0.00118064