

SARS-CoV-2 & Chromosom 13.apr

		Section 1											
		(1)	1	10	20	30	40	50	60	74			
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(1)	-----T TTTAT -- C ---- CAGAT T ---- TAACTTCTTCTCTTAAATGTACAGCAGTCCAGAGCTAA AAAATGAA											
	(1)	ATTAAAGG TTTATACCTTCC CAGGTAAACAAACCAACCAACTTTCGATCTCTTGTAGATCTGTTCTCT AAAAGAA											
		Section 2											
		(75)	75	80	90	100	110	120	130	148			
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(58)	ACAC AAAA AAAT TGC AAT TAACTTTTAAATGAAAAAATCCCTGTACTGTCATG-AGATTAGTTCCTTAAACCTGT											
	(75)	CTTT AAAATCTGTG --- TGGCTGTCACTCGCTGCAATGCTTAGTGCACTCACGCAGTATAATTAA TAACTAATT											
		Section 3											
		(149)	149	160	170	180	190	200	210	222			
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(131)	AAGATT TTTGGGGAAGAATAATTTTTCGTCATTACCTTAAACATTCCAAGGAAATATTAAAT- TTGAATGA											
	(146)	ACTGTTCGTTGACAGGACGAGTAACTCGTCCTATCTTCTGCAGGC-TGCTTACGGTTTCGTCCGTGTTGCA GCC											
		Section 4											
		(223)	223	230	240	250	260	270	280	296			
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(204)	GAACATTTAA AATACCA- TTTAAAAAATTTTTCAC TGATGAT TAAACTGATGTTAATTATTTACCTTATTTT											
	(219)	GATCATCAGCACATCTAGG TTTTCGTCCGGGTGTGACGAAAGGTAA --- GATGGAGAGCCTTGTCCCTGGTTT											
		Section 5											
		(297)	297	310	320	330	340	350	360	370			
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(277)	CTTGA CAA TTTAT AAAAC TAAC C ---- TCTCTCTTTTCAA --- CTCCATTATATTTT TAGT CCTGTAGAA TT											
	(290)	AACGAGAAACACACGTCAAC TCAGTTTGCCTGTTTACAGGTTCCGACGTGCTCGTACGTGGCTTTGAGA											
		Section 6											
		(371)	371	380	390	400	410	420	430	444			
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(342)	CATT TGGATGTTA TCTTGTATTTTGTG-TCAGTCTTTGAAAGATTAACCAACGATTATGCAACAGCAACCT											
	(364)	CTCCG TGGAGGAGG TCTTATCAGAGGCACGTCAACATCTTAAAGATGGCAC TTGTGGCTTAGTAGAAG-----T											
		Section 7											
		(445)	445	450	460	470	480	490	500	518			
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(415)	GCCACTAAGTCACC TGC TTAATAAGCGAGAGGCCGTCACTACTCAATACACTCTTCTTTTAATGAGCTAATAA											
	(433)	TGAAAAGGCGTTT TGCCTCAACTTG--AACAGCCCTATGTGTTCATCAACACGTTCGGATGCTCGA ACTGCACC											

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		Section 8									
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(519)	519	530	540	550	560	570	580	592		
	(489)	TTAAAGCTTTATTTTGAAATATAAATAGTGCATTTTATACACAGAA-----ACACACATGAAGATTATTTACTA									
	(505)	TCATGGTCATGTTATGTTG-AGCTGGTAGCAGAACTCGAAGGCATTTCAGTACGGTCTAGTGGTGAAGACACTT									
		Section 9									
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(593)	593	600	610	620	630	640	650	666		
	(557)	AATCTCCATAT---TGGTGTATTATGAATCAAAATTCTCTCATTAAATAATTACCCTATTAGTATATGAATTTT									
	(578)	GGTGTCCCTTGTCCCCTCATGTGGGCGAAATACCAAGTGGCTTACCGCAAGGTTCTTCTTCGTAGAACGCTAATAA									
		Section 10									
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(667)	667	680	690	700	710	720	730	740		
	(628)	AAAAAATAAAAAAT-TATTTCCCAAGTCCATTCTAAACCTC--CCTTGGTTATTATAAGGTTAAT-ATATT									
	(652)	AGGAGCTGGTGGCCA TAGTTACGGCGCAT-CTAAAGTCAATTGACTTAGGCGACGAGCTTGGCACTGATCCF									
		Section 11									
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(741)	741	750	760	770	780	790	800	814		
	(697)	TAAGAAATTGTCTGAACTTATTTCCATCTCTCCTACACAAGATTAAAGCATGAAACAAATATATCCCCAGAGTAG									
	(725)	TATGAAGATT-TCAAGAAACACTGGAACACT---AAACATAGCAGTGG--TGTTACCCGTGAACCTCATGCGTGA									
		Section 12									
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(815)	815	820	830	840	850	860	870	888		
	(771)	ACTGAAATCTGTGCAAGACTAAATAAC TGTCACACA-CAACTTGATTTTAAA-GATTGTCCAACTCTCAA---C									
	(793)	GCTTAACGGAGGG-GCATACACTCGCTATGTCGATAACAACACTTCTGTGGCCCTGATGGCTACCCTCTTGAGTGC									
		Section 13									
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(889)	889	900	910	920	930	940	950	962		
	(840)	ATTGAA-ATCTCTTAATACATATCTG--AAAG--TAGGGACCTTTGTACCTCC--TGTCACTGTTATTGTCAACT									
	(866)	ATTAAAGACCTTCAGCACGTGCTGCTGAAAGCTTCATGCACTTTGTCCGAACAACTGGACT-TTATTGACA---									
		Section 14									
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(963)	963	970	980	990	1000	1010	1020	1036		
	(907)	GCTAACACCTGGCCATGGTAGATTAACAATTAATTTCCTATTAGCGTCAAACACTAAGGAACAGAAACAGAG									
	(936)	-CTAAGAGGGGTGTATACTGCTGCCGTGAACATGAGCATGAATTGCTTGGTACACGGAAAGTTCTGAAAGAGAG									

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		Section 15									
		(1037)	1037	1050	1060	1070	1080	1090	1100	1110	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(981)	AATCAATGAGTTTCATAGAG---TAGAAGACAGGCAGGAAGAAAGGTTCAGAAATGACTGCATGGAGCTCTGAGCA									
	(1009)	---GTATGAATTGCAACAACCTTTTGAAATTAAATTGGCAAGAATAATTGACACCTTCAATGGGGAATGTCCAA									
		Section 16									
		(1111)	1111	1120	1130	1140	1150	1160	1170	1184	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(1052)	GCTAGGAAGCATCAGAAAAGCACTGGGCCTAAACTTCTGAGAGTAGGGAAAGGCACCTAAATAAAAGGTAGGGGA									
	(1080)	ATTTTGTATTTTCCTTAAATTCATAATCA--AGACTATTCAACCAAGGGTTGAAAGAAAAGCTTGATGGCT									
		Section 17									
		(1185)	1185	1190	1200	1210	1220	1230	1240	1258	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(1126)	ATGTCAAAAGACACTCTAAAGAGAAATCCACGAGCTTCAC----TGAATCCAC---ATTTTAAATAGCAATTATT									
	(1152)	TTATGGGTAGA-ATTCGATCTGTCTATCCAGTTGCTCACCAAAAGAATGCAACCAATGTGCTTTCAACTCT									
		Section 18									
		(1259)	1259	1270	1280	1290	1300	1310	1320	1332	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(1193)	TATATTTAGTGA-CATTTC--AAAAATTAAATGTCAGATCATGACGTTGA-AAAATAGATTCTGAACCTAAAGG									
	(1225)	CATGAAGTGTGATCATTGTGGTGAACTTCATGTCAGACGGGCATTGTTTAAAGCCACTTGCGAATTTTGTG									
		Section 19									
		(1333)	1333	1340	1350	1360	1370	1380	1390	1406	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(1263)	GGA AAAATATTTCCCTTAATTAAAGCTCATGAGGTTAGTTG-GCTGACTTTGGC--AA-TGAAAT--TTAACTTAT									
	(1299)	GCACTGAGAAATT--TGACTAAAGAAGGTGCCACTACTTGTTGGTTACTTACCCTCAAAATGCTGTTGTTAAATTT									
		Section 20									
		(1407)	1407	1420	1430	1440	1450	1460	1470	1480	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(1331)	TCTTTTTCAT-TCTC---TCATACGTACA--CTCTGCTACACCTTACTGAACAGCTGAAAATTCATAAAT									
	(1371)	ATTGTCAGCATGTCACAATTCAGAAAGTAGGACCTGAGCATAGTCTTGCCGAATACCAATATGAATCTGGCTTG									
		Section 21									
		(1481)	1481	1490	1500	1510	1520	1530	1540	1554	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(1399)	AAATGCATTCGTTAATTGATTTAGTATAAACCAGAAAGGAAAGCTGCTGGAGCCACTCCACAAGGTCTCCA									
	(1445)	AAAACCATTC-TTCGTAAAGGTGG-TCGCACTATTGCTTTGAGGCTGTGTGTTCTCTTATGTTGGT-TGCCA									

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		Section 22									
		(1555)	1555	1560	1570	1580	1590	1600	1610	1628	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(1473)	CTT TGC CAA AAG CGAT TAC TGT GTGT CAG GGC TGA TGG CATG AAC CCAG CTG TGG AGG CCA GGG ATGC GGG A									
	(1516)	--- TAA CAA GTGT GCC TAT TGG GTTC CAC G-- TGCTAGC GCT AAC ATAG GT-TGTAA--CCA TACAG GTGTTGT									
		Section 23									
		(1629)	1629	1640	1650	1660	1670	1680	1690	1702	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(1547)	GGCTGCTGCCCTGTCAGCTGTTGCTGTGAGAGATGCTGAAAGGCCTT-AGAA TCTGCACTCCACA GTGACTGAG									
	(1582)	TGAGAGAGGTTCCGAGGTCTTAA TGAC AACCTTCTTGAA ATACTCC AAAA AGAGAAGTCAACA-TCAAT-AT									
		Section 24									
		(1703)	1703	1710	1720	1730	1740	1750	1760	1776	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(1620)	AAATGAGGGATTTGAATATGTTTATGTGAAGGG--TTCTTCCTTCTTCCCC TTCATTATGCGC CAAAGGATGTTT									
	(1654)	TGT TGTGTGAC TTTAAACTTAA TGAAGAGATCGCA TTTATTTTGGCATCTTT TTC-TGCTTCCA CAA GTGCTTTT									
		Section 25									
		(1777)	1777	1790	1800	1810	1820	1830	1840	1850	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(1692)	CTAGTAAAC TCAAGACATCAGCTTAGAAATATGTTACTGATCAT AAAT TAAAT TGTCTCACAG AAGGTGATCAAT									
	(1727)	GTGGAAA CTGTGAAAGGT TTGATTATAAAGCATTTCA--AACAAATTGTTGAATCTGTGGTAA TTTTA-AGT									
		Section 26									
		(1851)	1851	1860	1870	1880	1890	1900	1910	1924	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(1766)	TTTTAATGTTTACACTCAAGATGTTCTTTCTAATTAACACTTAGCTACATT TGTATTCTGTGTTCACTGTA-GA									
	(1798)	TACA AAAGGAAAGCTAAAAGGTGCC TGG AAT-ATTGGTGAAC-AGAAA TCAATCTGAGTCTCTTTATGC									
		Section 27									
		(1925)	1925	1930	1940	1950	1960	1970	1980	1998	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(1839)	AAATG--TCTGAGCTTGC A-GAGAAC TGCAATAAGTTGT A--AG A--CATCAA CTGTCAT AATTTC AAA									
	(1870)	ATT TGCA TCA GAGGC TGC TC GTGTTGTACGATCAATTTCTCTCCGCACTCTTGAAACTGCTCAA AATTCTGTGC									
		Section 28									
		(1999)	1999	2010	2020	2030	2040	2050	2060	2072	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(1903)	GT---T-ACA CTCTT CAGCTAAAGAAAA--G GATTTAGCTTCAGAGCACTGAC ACCATAAA GG GACCTAGTT									
	(1944)	GTGTTT TACA GAAGGCGCTATAACAA TACTA GATGGAATTTCACAGTATTCAC T-----GAGAC-TCATG									

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		Section 29									
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(2073)	2073	2080	2090	2100	2110	2120	2130	2146		
	(1971)	ATTCTTCGGAAGTAGTGGGAAGTACTCTGTATGAATAGATATTTT	TAGAAAGTTACTTATATTCTGATGTGG								
	(2010)	ATGCT----	ATGATGTTCACATCTGATTTGGCTACTAACAAATCTAGTTGTAA-TGGCCTACATTACAGGTGGTG								
		Section 30									
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(2147)	2147	2160	2170	2180	2190	2200	2210	2220		
	(2045)	AGGTGGAAATTTACCCATCCATAA-TGCCTATGATGTACTGAGACATATATGTGAAAAATTAAAAGTGATT	TCCAA								
	(2079)	TTGTTCAGTTGACTTTCGCAGTGGCTAACTAACATCTTTGCACTGTTTATGAAAACCTCAAACTCCGTCCTTGAT									
		Section 31									
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(2221)	2221	2230	2240	2250	2260	2270	2280	2294		
	(2118)	ATTTAGCAAAAGCTCATTTAAATTTAGAACTCTATTGATTTTAAATTAATGCTAAATGGCCACTTGTAGCT--ATA									
	(2153)	TGGCTTGAAGAGAGTAAAG--GAAAGGTGTAGAGTTTC--TTAGAGACGGTTGGGAATTGTTAATTTATC									
		Section 32									
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(2295)	2295	2300	2310	2320	2330	2340	2350	2368		
	(2190)	TAGAACTATT-TTAAAAAACA	GATTATTTAC	TAGCTGTG--TGACCTTGAGAAATTGACCTAACCTCCTCAG--							
	(2222)	TCAACCTGTGCTTGTGAAATGTCGGTGGACAAATGTGCACCTGTGCAAGGAAATTAGGAGAGTGTTCAGAC									
		Section 33									
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(2369)	2369	2380	2390	2400	2410	2420	2430	2442		
	(2258)	ATTGAAAGTGGAATAATCTATATGACGGTTTCTATGAGGATTAAATAAC-ATATGTGAAGTACATACTAGT									
	(2296)	ATTCTTTAAGCTTGTAA-ATAAATTTTGGCTTTGTGTGCTGACTCTATCAATTATGTTGAGAGCTAAACTTAA									
		Section 34									
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(2443)	2443	2450	2460	2470	2480	2490	2500	2516		
	(2331)	GCTTCACATATACTATTAGTTTCTTTCCTGTGTATATTACCATATTACCTTGCATTGTGCT---TCTTG-GTAC									
	(2369)	GCCTTGAATTTAGGTGAACATTTGTCTACGCACCTCAAGGGAT-TGTACAGAAAGTGTGTTAAATCCAGAGAAAG									
		Section 35									
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(2517)	2517	2530	2540	2550	2560	2570	2580	2590		
	(2401)	TTTCTCTT-TAAAAATGGAA	TAAACAGTTGATCAG	GAAATATT	TATGTATCTCATTTGTGGA	AAATACCGCTTCT					
	(2442)	AAACTGGCC	TACTCATGCTCT	TAAAGCCCCAAAGAAAT---	TATCT-TCTTAGAGGGAG	AAACACTTCCAC					

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		Section 36									
		(2591)	2591	2600	2610	2620	2630	2640	2650	2664	
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(2474)	GGCAGTGTCTGGGGTCCTGCGCCAAAGACAGGAAACAATTCAGGGAAGCAGGCCAAGGAC-----TTTGACTTACT									
	(2512)	AGAAAGTGT-----AAACAGAGGAAGTTGTCCTTGAACCTGGTGATTTACAAACCATTAGACACAC-									
		Section 37									
		(2665)	2665	2670	2680	2690	2700	2710	2720	2738	
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(2543)	CTGGCAAGAGGAAAGGTACTATATGTCAAGTTATTATTGTAATTTATTTGAGACAGGACCCACCTCTGCCACTCAGG									
	(2571)	CTAGTAGTGAAGCTGTGAAAGCTC-CATTGGTTGGTACACCAGTTTGTATTAA--ACGGGCTTATGTTGCTCGAA									
		Section 38									
		(2739)	2739	2750	2760	2770	2780	2790	2800	2812	
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(2617)	CTGGAGTGCAGTGGTGAGATCATTAATTCAATTGCAACCTCAAACCTCCGGGTCCAAAGCAATCTCTCTTCATCAGT									
	(2642)	ATCAAAGACAAGAAAAGTAC-TGTGCCCTTGCA-CCTATA-TGATGGTAACAAACAATAC--CTTCA-CACF									
		Section 39									
		(2813)	2813	2820	2830	2840	2850	2860	2870	2886	
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(2691)	GTCCCAAGTAGCTAGGACTAGAGACATTCCTCCATCATGACCAGCTAATTTGTTTTCCTCTTTCAATGCAGAGAC									
	(2710)	CAAAGGCAGTGCACCAACAAAGTTACTTTTGGTGTATGACACTGTGATAGAAGTGAAGGTTACA---AGAGTG									
		Section 40									
		(2887)	2887	2900	2910	2920	2930	2940	2950	2960	
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(2765)	AGGCTCTCACTATGTGTCCTCAAGCTG---GCTTTGAACCTCTTGGCTCAAGCTATCCTCCACCTTGGCCTCTA									
	(2781)	TGAAATCACTTT--TGAACTTGATGAAAAGATTGA--TAAAGTACTTAATGAGAAGTGC---TCTGCCTATA									
		Section 41									
		(2961)	2961	2970	2980	2990	3000	3010	3020	3034	
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(2836)	GAGTTGCTGAGATTACAGGCAATGAGCCACCAACCCAGACATGAGTCATTTAGAGGA-AACTAGTGTTCACAG									
	(2847)	CAGTTGAACCTCGGTACAGAAGTAATGAGTTCCCTT-GTGTGTGGCAGATGCTGCTAATAAAACCTTTGCAACC									
		Section 42									
		(3035)	3035	3040	3050	3060	3070	3080	3090	3108	
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(2909)	AAAAACAGACATTGCGGACACAGTGGCTCATGCTGTGTAATCCTAACACTTTGGGAGTTCAGGCAGGAAGATCG									
	(2920)	AGTATCTGAATTACTTACAC-CACATGGGCATGTATTAGATGAGTGGAGTATGGC--TACATACCTACTTATTTG									

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												Section 43									
												(3109)	3109	3120	3130	3140	3150	3160	3170	3182	
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(2983)	C	T	T	G	A	G	C	T	C	A	G	A	T	G	G	C	T	T	T	T
	(2991)	A	T	G	A	G	T	C	T	G	T	A	A	-	A	T	G	T	T	C	T
												Section 44									
												(3183)	3183	3190	3200	3210	3220	3230	3240	3256	
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(3055)	C	G	G	G	C	A	T	G	T	G	A	C	C	A	C	C	T	G	T	A
	(3064)	A	G	G	T	G	A	T	T	G	T	G	A	A	G	A	G	A	T	T	A
												Section 45									
												(3257)	3257	3270	3280	3290	3300	3310	3320	3330	
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(3128)	G	G	T	A	G	A	G	G	C	T	-	G	C	A	G	T	G	A	G	
	(3134)	G	G	T	A	A	C	C	T	T	T	G	A	A	T	T	G	T	G	C	
												Section 46									
												(3331)	3331	3340	3350	3360	3370	3380	3390	3404	
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(3195)	C	A	G	A	G	C	C	T	G	C	C	-	C	T	G	C	A	T	G	
	(3206)	G	A	T	G	A	T	C	A	A	A	C	T	G	T	T	G	T	T	A	
												Section 47									
												(3405)	3405	3410	3420	3430	3440	3450	3460	3478	
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(3267)	C	A	A	T	G	C	T	T	C	A	T	G	G	T	G	C	C	A	T	
	(3280)	T	G	T	T	G	A	G	T	T	C	A	A	T	T	A	G	A	T	T	
												Section 48									
												(3479)	3479	3490	3500	3510	3520	3530	3540	3552	
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(3339)	T	A	T	A	T	T	A	A	A	C	T	A	C	T	T	T	G	G	A	
	(3353)	G	G	T	T	A	T	T	A	A	A	C	T	A	C	T	T	G	G	A	
												Section 49									
												(3553)	3553	3560	3570	3580	3590	3600	3610	3626	
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(3411)	T	C	A	C	C	T	G	A	G	G	T	C	A	G	A	C	C	T	G	
	(3425)	C	C	A	A	C	A	G	T	T	G	T	T	A	C	C	T	T	A	A	

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Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(3627)	3627	3640	3650	3660	3670	3680	3690	3700	Section 50	
	(3475)	A TAC AAA AT TA GCC GA GCA TGG TG GCA CA - AG CCT GT A AT CC CAG C T A C T C G G G A G G C T G A G GT AT G A GAATC									
	(3498)	C TACT AA C AAT - GCC AT GCA AGT TGA AT CTGA TGA TTAC ATAG C T A C T A AT G G ACC ACT TAA AGT GGG GT GGTAG									
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(3701)	3701	3710	3720	3730	3740	3750	3760	3774	Section 51	
	(3548)	ACT TGA ACCC AG GA GG CAG AG GT T - - - - A - - CAG TGA GT TGA - GAT CA CAC CA C TGCAC TCC AG CCT GG GC AA T									
	(3571)	TTG TGT TTT TA AG CG GA CA AAT CT TGTCT AAA CAC TGT CT T TC AT GT TGT CGG CC AAATG TTA ACAA GGTG AAG									
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(3775)	3775	3780	3790	3800	3810	3820	3830	3848	Section 52	
	(3615)	GG AG TA AG ACT TC A TT GA AA AG AAA GAGA GA GA GAG AG AGGA AG GA AG GA AGGG GAGGGA GGGAGGG GAGGG AAGGG									
	(3645)	AC AT TC A - ACT TC - TT AA G AG TGCT TAT GAA AAT TTT AATC AGC AC GA AG TTCT ACTT GC ACC ATTATT ATCAG									
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(3849)	3849	3860	3870	3880	3890	3900	3910	3922	Section 53	
	(3689)	AA GGA A - - - GG GG AAAA GA AAAA AG AA A GAAAGAG AA AG AAA GAAAG AA AG AAA GAAA GA AAG AAA GAA - AGAA									
	(3717)	CT GGT AT TTTT T GG TGCT GA CCCT AT AC ATTCTTTA AG AG TTT GTGT - AG AT ACT GTTC GC ACA AAT GTCT ACTT									
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(3923)	3923	3930	3940	3950	3960	3970	3980	3996	Section 54	
	(3759)	AG AAA GAA AGA A AG AAA GAA AGA AA GA G A GA - G AGGA AG GAAG GAA GGG AA G GAAG G - GAAAAG AAA AAGA									
	(3790)	AG CTGTCTTTG AT A AAA ATCTCT AT GA C AA ACTTG TTTT C AG C TTTT T GGA AAT GAAG AGT GAAAAG C AA GTTG									
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(3997)	3997	4010	4020	4030	4040	4050	4060	4070	Section 55	
	(3831)	AAG AAG AAG A GA G AAA A AAG GA AAGAG AG A AAG A AAG GA AAG AA AGAA AG AA AGAG AA AG AAA GAAAG AAAGA AA									
	(3864)	AA C AA A AG ATC G CTGA - - - G ATTCCT AA AG AG GAAG TT AAG CC ATTT AT AA CTGA AA GT AAA CCTTC AGTTG AA									
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(4071)	4071	4080	4090	4100	4110	4120	4130	4144	Section 56	
	(3905)	GA A AGAAA GA AAGA AAGA AAGAA CG AA CG AAAG AAA GAAAGA AAGAA AGA AC GA AAC GA AA GAAA GA AAGAAA GA									
	(3935)	CA G AGAAA AC AAGA TGAT AAGAA - - AATC AAAG CTT GTGTTG AAGAA GTT AC - AAC - - AA CTCT G AAGAAA CT									

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		Section 57									
		(4145)	4145	4150	4160	4170	4180	4190	4200	4218	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(3979)	AAGAAAGAAAGAAAGAAAGAGAAAGGAAAGAAAAGTGAGGGAGGGAGGGAGGCAAGGAAGGAAGGAAAGAAAGAGA									
	(4004)	AAGTTCCCTCACAAGAAACTTGTTACTTTATATT-GACATTAAATGGCAATCTTCAATCCAG--ATTCTGCCACTCT									
		Section 58									
		(4219)	4219	4230	4240	4250	4260	4270	4280	4292	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(4053)	AGTAAATATAATAGCATGGACTCTTCTCATCCTTATATTCTCTCTAAAT--TGCAATTTTGTGTTTTCCTTTGTGT									
	(4075)	TGTATAGTGACATTGACATCACT-TTCTTAAGAGAAAGATGCTCCATATATAGTGGGTGATGTGTGTTCAAGAGGGT									
		Section 59									
		(4293)	4293	4300	4310	4320	4330	4340	4350	4366	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(4125)	TTTTAAGGATCTGCAAGAATATCT-CTAACATGGAGATTTCCTCAAGTTTTCTTAGTTTGATGATAGAGGAAATTT									
	(4148)	GTTTAACTGCTGTGGTTATACCTACTAAAAAGGCTGGTGGCAC-----TACTGAAATGCTAGCGAAA-----									
		Section 60									
		(4367)	4367	4380	4390	4400	4410	4420	4430	4440	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(4198)	CAGGCTTAGACGATGATAGTAACAAAGGAGAA--AAATTGGCACTAGGATAGGTGGGTGGAGCCAAACAGATT									
	(4211)	---GCTTGA-GA--AAAGTGCCAAAGACAAATTATATAACCACT----TACCCGGGTGAGGTTTAAATGTT									
		Section 61									
		(4441)	4441	4450	4460	4470	4480	4490	4500	4514	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(4270)	TTACAGACTGATGAAGTATGATTTTGCAAAAATGACAGAAATTTTGGCTCTGTATATGCT-CAAAAATAGCT									
	(4275)	ACACTGTA-GAGGAGGCAAGACAGTGTCTTAAAAAGTGTAAGAGT----GCCTTTACATTCTACCATCTATT									
		Section 62									
		(4515)	4515	4520	4530	4540	4550	4560	4570	4588	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(4343)	GTGGGATGATAAATATTAAATCAT--AAATGTATAAAT--TTTACTAGTGGTGCCTAAAC-TTCTAGGAA									
	(4344)	TCTCTAATGAGAAAGCAAGAAATCTTGGAACTGTCTTGGAAATTTGAGAGAAATGCTTGCACATGAGAGAA									
		Section 63									
		(4589)	4589	4600	4610	4620	4630	4640	4650	4662	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(4411)	GATCTCAAACATGACTCTGAAATTAAGTATCTCTAAAGTGTGTTTCTAGAGCTATAAATAACCTCTCTCTATGT									
	(4418)	ACACGCAATTATGCTCTGTCTGTGGAAGCTAAAG-----CATAGTTTCAACTATACAGCGTAAATAT									

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		Section 71									
		(5181)	5181	5190	5200	5210	5220	5230	5240	5254	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(4985)	AGA	AAC	T	TGG	ACT	TAT	ATCA	GCAAG	-----	AAT
	(4988)	GAC	AAC	AT	TA	AC	TCC	ACAC	GCAAG	TTGTGGAC	ATG
		Section 72									
		(5255)	5255	5260	5270	5280	5290	5300	5310	5328	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(5046)	---	AGG	GA	AC	ACTCC	TT	GAA	ACTT	TTT	ATT
	(5061)	TGG	AT	GGA	G	TGATG	TT	ACT	AAAA	TAA	AC
		Section 73									
		(5329)	5329	5340	5350	5360	5370	5380	5390	5402	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(5116)	CAC	T	GAG	T	CACTAT	GAG	T	CAAA	-CT	GGG
	(5134)	TGA	T	GAC	CT	CTAG	TGT	TGAGG	CT	TTT	GT
		Section 74									
		(5403)	5403	5410	5420	5430	5440	5450	5460	5476	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(5189)	AGT	AGC	TCT	TG	ATCA	ATG	CTTC	AAAA	TTCT	GT
	(5206)	GTC	AGC	AT	TAA	ATCA	CACT	AA	AAA	GTGG	AAA
		Section 75									
		(5477)	5477	5490	5500	5510	5520	5530	5540	5550	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(5260)	ATA	CC	CAGG	TCCC	AGG	TGG	TCA	TG	CT	TT
	(5280)	ACA	AG	----	TG	TT	ATC	TG	CCAC	TG	CATT
		Section 76									
		(5551)	5551	5560	5570	5580	5590	5600	5610	5624	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(5334)	GAT	AGA	----	ATTA	-	AAAA	CT	ACT	GCT	TCA
	(5350)	ACA	AGA	TGCTT	ATTA	C	AG	AG	CA	AGG	GCT
		Section 77									
		(5625)	5625	5630	5640	5650	5660	5670	5680	5698	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(5402)	AGG	G	T	A	T	G	T	C	C	A
	(5422)	TAA	G	A	C	A	-	G	T	A	G

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Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(5699)	5699	5710	5720	5730	5740	5750	5760	5772	Section 78
	(5474)	C---	CATCAG	G---	TTAAACT	TTTTC	TGTAA	---	TGGG	TCTGACAGTAAATA--CCTTA--GGTGTAGAAGGT
	(5493)	CTTG	CAAAAG	AGTCT	TGAAC	GTTGG	TGTAA	AAC	TGTG	GACAACAGCAGACAACCTTAAGGGTGTAGAAGCT
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(5773)	5773	5780	5790	5800	5810	5820	5830	5846	Section 79
	(5534)	TATAG	GGTGCCT	GTG	CGAGCT	ACT	-----	CAAC	TCTGCT--	GGTATTCA--ATCCTATCATGTAGCACAAA
	(5567)	GT	TATG	TACATG	GGCA	CAC	TCT	TATGAA	CAAT	TTAAGAAAGGTGTTCA
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(5847)	5847	5860	5870	5880	5890	5900	5910	5920	Section 80
	(5597)	AGCAG	CCACAG	A-----	CAATAT	GACCAAA	TAT--	GTCTAG	CTGT--	GCTCCAATAAAACCTTTATTTACCAA
	(5641)	AGCTA	CAAAAT	ATCTAGTA	CAACAG	GAGTCA	CC	TTTGT	TATGATGT	CAGCACCACTGCTCAGTATGAACCTTA
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(5921)	5921	5930	5940	5950	5960	5970	5980	5994	Section 81
	(5661)	AACAG	GCAACAT	GT	TGGAT	TTGG	GCAC	TGTC	ATAGT	-----TTGCCAACCCCTGGCAATACATCACCTCTCAA
	(5715)	AGCAT	GGTACAT	TT	---AC	TTGT	GCTAG	TGAGT	ACACT	GGTAA
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(5995)	5995	6000	6010	6020	6030	6040	6050	6068	Section 82
	(5730)	TTT	T--TG	CAACTTT	TTGCA	ATT	TTAT	CACTATA	GCTTTAT	TTT-ATAGT--TTAAATAATTATTGTTTATAA
	(5785)	TTT	C	TAAAGAA	AACTTT	G	---	ATTGC	ATAGACGGT	GCTTTAC
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(6069)	6069	6080	6090	6100	6110	6120	6130	6142	Section 83
	(5799)	A--	ATATT	GCATGGA	TTAAA	CCACT	TAAC	T--	AGCT	ATTATAT-----GTGA--TTATTAAAGAGTTAGTGTAGCC
	(5856)	CGG	ATG	TTTCT	ACAA	AAG	AAAACA	GT	TACAC	AACAA
Homo sapiens chromosome 13 NC_000013.11: 34882059... SARS-CoV-2 Reference Genome NC_045512.2	(6143)	6143	6150	6160	6170	6180	6190	6200	6216	Section 84
	(5864)	---	AGAC	ACG	TTGG	CTAC	GGCT	GT	TAATC	CCAGCACTTTAGGAGGCTGAGGCGGGTGGATCACC
	(5930)	TGT	ACAG	AAAT	TTG	ACCT	AAAG	TTGGA	TTTCA	CAGAGCA--ACC

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		Section 85									
		(6217)	6217	6230	6240	6250	6260	6270	6280	6290	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(5935)	AGTTCA	AGACCAG	CCTGG	CCAAC	-ATGGTG	AAAC	CCATCTT	TAATAAA	TACAAAA	T
	(5998)	AATTGA	TCTTGTA	CCAAA	CCAAC	CATATCC	AAAC	GCAAGCTT	--CGATAA	TTTAA	GTTT
		Section 86									
		(6291)	6291	6300	6310	6320	6330	6340	6350	6364	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(6008)	GGCAT	GCAC	CTGT	AATTT	CAGTT	ATTT	GGGA	GGC	TGAGGC	AGGAG
	(6070)	CAAA	TTTG	CTGA	TGATTT	TAACC	AGTT	AACT	GGT	TAT---	AAGAA
		Section 87									
		(6365)	6365	6370	6380	6390	6400	6410	6420	6438	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(6082)	CAGT	GAGCC	GATC	ACAC	TGCAC	TCTAG	CC---	TGGGC	AACAG	AGCA
	(6138)	CATT	TTTT	CCCT	GA	CTTA	AATGG	TGATG	TGGT	GGCT	TATG
		Section 88									
		(6439)	6439	6450	6460	6470	6480	6490	6500	6512	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(6153)	AGTAAAT	AAAA	TTTA	AAAA	TAAAG	GTTAG	-----	TATAAAT	AAAA	TGA
	(6212)	GC	TAAAT	TG--	TTAC	ATAAA	CCTATT	GTTTG	GCATGT	TAAC	AATGC
		Section 89									
		(6513)	6513	6520	6530	6540	6550	6560	6570	6586	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(6216)	C	CCTTT	TG-AT	GAGATT	ACCAT	CTCTA	AAAG	ATAC	TGTT	TTTT
	(6284)	ACCT	GGTG	TATAC	GTGT	CTTT	TGGAGC	ACAA	AACCA	GTTG	AAAC
		Section 90									
		(6587)	6587	6600	6610	6620	6630	6640	6650	6660	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(6284)	CTA-	GCTAA	TAT	AATTT	ATAA	ATTATA	CTTAC	TGGG	GATAT	GAA
	(6358)	GGAC	GC	GCA	AGG	AATGG	ATAA	TCT-T	GCCT	GC	GAA
		Section 91									
		(6661)	6661	6670	6680	6690	6700	6710	6720	6734	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(6357)	CTT	CTAG	AGGAC	AAGA	GCTCT	TTAAT	TGTAT	TTCA	TAGAAA	TACT
	(6429)	CTAC	CATA	CAGA	AAGA	CGTTC	TTGAG	TGTA	TG--	TGAAA	C

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		Section 92									
		(6735)	6735	6740	6750	6760	6770	6780	6790	6808	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(6431)	ACAT-AAAGGGCCACTTTCTCTCTAGGAAGACATTG-CCAATCAATTATACCTGATCCTGGATGT-GATCTCC									
	(6500)	CAGCAATAATAGTTTAAAAATACAGAAGAGGTTGGCCACAGATCTATGCTGCTT-ATGTAGCAATT									
		Section 93									
		(6809)	6809	6820	6830	6840	6850	6860	6870	6882	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(6502)	CAATACTTCTACTATTACTCC--AGGCAGTCAACCAATCAAGTTTGCAGACAAGATGAATC-TATGTGA									
	(6573)	CTAGTCTTACTATTAAGAAACCTAATGAATTATCTAGAGTATTAGTTTGAAAACCCCTTGCTACTCATGGTTTA									
		Section 94									
		(6883)	6883	6890	6900	6910	6920	6930	6940	6956	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(6573)	CATTCCTTAACACAAGAGGAGATGTGTTTCCAGCTCAACAACGTGCAGGAAATATTCTTTTGCTCCAAAGGTAT									
	(6647)	GCTGCTGTTAATAGTGTCCCTTGGATACTATAGCTAAATTATGCTAAGCC---TTTCTTAAAC---AAAGTGT									
		Section 95									
		(6957)	6957	6970	6980	6990	7000	7010	7020	7030	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(6647)	AAATGTCCTTCCCACACACACTGA-AGAGTGTGCTGATCTTACAG--AGGAAGCATA-GAATCACAATGTTAA									
	(6715)	TAGTACAACCT---ACTAACATAGTTACACGTTGTTTAAACGTGTTTGTACTAAATATATGCCTTATTCTTTA									
		Section 96									
		(7031)	7031	7040	7050	7060	7070	7080	7090	7104	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(6717)	--TGTTTGTTAGAGATGCAGAAAAATTGCAGCAAGT-CACATCTATC--CAAAGTAGGTAGTCAGCATTTT---									
	(6786)	CTTTATTGCTACAATTGTGTACTTTTACTAGAAGTACAATTCTAGAATTAAAGCATCTATGCCGACTACTATA									
		Section 97									
		(7105)	7105	7110	7120	7130	7140	7150	7160	7178	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(6783)	GCATAGCATGCTTGGAAAGAAAG-----AAAAGATTCCATAGAAATCAATTGATTAATAA-AAAAAATCTA---T									
	(6860)	GCAAGAAATACTGTTAAGAGTGTCGGTAAATTTTGTCTAGAGGCTTCAATTAATTAATTTGAAATCACTAATTT									
		Section 98									
		(7179)	7179	7190	7200	7210	7220	7230	7240	7252	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(6848)	AGCTAAAAGGCTGTAAATTAAACCTTAGCAAAAGGAATAGTAAAAACTTTCTA--TAATTTACATAAATAA									
	(6934)	TTCTAAA--CTGATAAAATTAATAATTTGGTTTTTACTATTAAAGTGTTCCTAGGTTCTTTAATCTACTCAAC									

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		Section 99									
		(7253)	7253	7260	7270	7280	7290	7300	7310	7326	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(6920)	CTCTGAAGCAGAGGTTTTGGG	C---	AGCTAGTATG	GGACTAGAGAA	GTGTG	GGGC	ACACAA	AAGGAG	ATTTAG	
	(7006)	GGCTGCTTTAGGTGTTTTAATG	TCTAATTAGGCAT	GCCTTCTTACT	GTACT	GGTT	ACAGAG	AAGGCT	ATTTGA		
		Section 100									
		(7327)	7327	7340	7350	7360	7370	7380	7390	7400	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(6991)	ATTGAACCGGAACCTTTTCTCTG	TCTCATTCT	CATG	ACTGGT	----	AGCTGGC	ACTG	GC	TTTAA	CCGAGAAAT
	(7080)	ACTCTACT--AA--TGTCATAT	TGCAACCTA	CTGT	ACTGGT	TCTAT	ACCTT	GTAG	TG--	TTTGT	CTTAGTGGT
		Section 101									
		(7401)	7401	7410	7420	7430	7440	7450	7460	7474	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(7060)	CTCAATTCTCCTCTGGCTTCTC	ATCTCCAG	----	TGTACTAGAT	CAGC	TTCTTATAT	GAG	AGT	GGTGT	TTGGG
	(7148)	TTAGATTCTTTAGACA	CTATCTCTTTAGAAAC	TATACAAAT	TACCA	TTT	CATCTTTTAA	ATG	GGAT	TTAAC	
		Section 102									
		(7475)	7475	7480	7490	7500	7510	7520	7530	7548	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(7130)	GGACATTCT--CAAGAAA	GCAAGGCC	TTTGA	GGC	TAGATTCC	TGA	ACTTACAC	ACATCAG	TTCAAT	TACATTA
	(7222)	TGCTTTTGGCTTAGTT	GCAAGAGTGG	TTTTTT	GGCATA	TATTCTT	-----	TTCACTAGG	TTTTT	TCTAT	TGTACTTGG
		Section 103									
		(7549)	7549	7560	7570	7580	7590	7600	7610	7622	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(7203)	TCTATTCTGAAGCAAG-ATT	CAAGAGGT	TAGGA	AAAGAG	ACTCCACCT	CTTGG	TAGGAG	GCAC	TATAAAA	TACTGG
	(7291)	---ATTGGCTGCAATCAT	GCAATTGTTTTC	AGCTATTT	TGAGTA	CATTT	TATTAG	TATCT	TGGCT	TATG	T
		Section 104									
		(7623)	7623	7630	7640	7650	7660	7670	7680	7696	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(7276)	AGTTATGTTTTC	AATCTGCC	ACTCACAG	TGGAGCTGT	-AGTCT	TACTTAAC	ACATTCT	TCTGAT	TT--CTTCAT	
	(7362)	GGTTAATAAATT--	AATCTTGT	ACAAATG	GCCCCGATT	TCAGCTA	TGGTTA	GATGTA	CACTCT	TTTGCA	TCAT
		Section 105									
		(7697)	7697	7710	7720	7730	7740	7750	7760	7770	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(7347)	AAAGTTCTGAATTAAATTA	TTCTGATTATTA	TGTA	TG	GACAGCAGGA	-----	CCAAA	TG	GGGCC	TCTCTGACA
	(7434)	TTTATTATGATATGGAAG	TTATGTGCA	TGTGTA	--	GACGGTTGT	AATTCAT	CAACT	TG	TATGA	TGTGTTACA

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		Section 106									
		(7771)	7771	7780	7790	7800	7810	7820	7830	7844	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(7415)	A-CATCTTA-----AGATTCTGATGCTCAGAGCAGCAAAATTGTCTAATAAAATTCATCAGAAAGAGC									
	(7506)	AAGGTAATAAGCAACAAGATCTGAATGTACA-CTATTGTTAATGTGTAGAAAGTCTTTTATGTCTATGC									
		Section 107									
		(7845)	7845	7850	7860	7870	7880	7890	7900	7918	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(7480)	ATATTCTCTGTCTAAGGATTGCTACATCTTACATA-TGTAGAATCTTTCATGTTTGATTTCAATCTTTCATGTTTG									
	(7579)	TAATGGAGGTA-AAGGCTTTTGCAACATACACAAATTGGAAATGTGTAAATGTGATACATCTCTGTGCTGGTAG									
		Section 108									
		(7919)	7919	7930	7940	7950	7960	7970	7980	7992	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(7553)	---ATTTTCATAGAACTCTTAATATTAAAGAAAAG---AAGAAACTT--AAATATCATCCAAATCCAC-GTTAA									
	(7651)	TACATTTATAG--TGATGAAGTTGCGAGAGACTTGTCACACAGTTTAAAGACCAATAAATCTACTGACCA									
		Section 109									
		(7993)	7993	8000	8010	8020	8030	8040	8050	8066	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(7617)	G-----CAAAATTGCCAAT-TCACAAAAAATATACAACTTTATTTCCTTTAAAGAATAGATAAGGCCCA									
	(7723)	GTCTTCTTAATCGTTGATAGTGTACAGTGAAAGATGGTTCCAATCCAATCTTTACTTTGATAAG-CTGGTCAA									
		Section 110									
		(8067)	8067	8080	8090	8100	8110	8120	8130	8140	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(7682)	CGGAGGG--GAATAATATTTT-TCTACAATTATGCTACCTT-----CTTTATTGAATTGTACAATACAGTTAT									
	(7796)	AAGAATTATGAAGACATTCTCTCTCATTTTGTTAACTTAGACAACTGAGAGCTAATAACACATAAGGTTTC									
		Section 111									
		(8141)	8141	8150	8160	8170	8180	8190	8200	8214	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(7747)	TTAGTAGCTCAAGGTTTAATGTCTGGTTTAACTTCAGGAGAAAGCAGCCAGGTGGGCAACATGACAG----TT									
	(7870)	ATTGCCTATTAATGTATAGTTTGTGATGGTAAATCAAAATGTGAAGAATCATCTGCAAAATCAGCGTCTGTTT									
		Section 112									
		(8215)	8215	8220	8230	8240	8250	8260	8270	8288	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(7817)	CCTTGATTTCAGGTAAAGA-AACAGAGACAGGGA--AACTAAGG-----GTCT-TGCTCAAAGGTACAGAACT									
	(7944)	ACTACAGTCAGCTTATGTGTCAACTATACGTGTTACTAGATCAGGCATTAGTGCTGATGTTGGTGATAGTGC									

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		Section 113									
		(8289)	8289	8300	8310	8320	8330	8340	8350	8362	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(7882)	AAC--TACTGGC AAAAT--T-GATGC CAC AAGACAA CACCTTGC-----TCC CAAAACAATGTTTC--C									
	(8018)	GAAGTTGCAGTT AAAATGTTT GATGCTT-ACGTTAA TACGTTT CATCAACTTTTAA CGTAC CAATG GAAAAAC									
		Section 114									
		(8363)	8363	8370	8380	8390	8400	8410	8420	8436	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(7940)	TCATTGCTCCATTAGGA---CAGTTACTCTAATT-CAGGAAAAGTCATTATTCTCTAAGCCTTA-CTGATCTG									
	(8091)	TCAAAAACATAAGTTGCAACTG CAGAAGCTGAACCTGCAAGAA TGTGTCCTTAGA CAATGCTTA CTACTTTT									
		Section 115									
		(8437)	8437	8450	8460	8470	8480	8490	8500	8510	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(8008)	GTGAGAC CAGAG-GT CAGCAGCC TGTTC TGGAAAGGCCACATAAAAATTACTTTAGATT TTTGCAAGCC TGGA									
	(8165)	ATTTCA G CAGCTC GGCAGGGTT TGTTCGATTTCAGATGTAGAACT AAAGATGTTGTTGAATGTTCTTAAAT TGTTC									
		Section 116									
		(8511)	8511	8520	8530	8540	8550	8560	8570	8584	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(8081)	A----AGGGCCACATAAAAATTACTTTAGATT-TTGTAAGCCATACAGTCTCT---G-----GTTGCCACTA									
	(8239)	ACATCAATCTGACATAGAAAGTTACTGGC GATAGTTGTAA TAACATAATGCTCACCTATAACAAA GTTGAAACA									
		Section 117									
		(8585)	8585	8590	8600	8610	8620	8630	8640	8658	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(8140)	TGCAACCCAGCAATTGTACCA CAAAAGCA GACTGACAATACATTTT TTAATGACCA TTCTGTG----GTC CA									
	(8313)	TGACACCCGTGACCTTGGTGCTTGTATT GACTGTAGTGC GCGTCA TTTAATGCG CAGGTAGCAAAAA GTCAC									
		Section 118									
		(8659)	8659	8670	8680	8690	8700	8710	8720	8732	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(8210)	ATCA AATTGTTT TATAGAA----ACAGCAA CAGGCCAG-GTTTGAC CACAGC AATAC TTTTC--AATAC									
	(8387)	AACA TTGCTTTGATATGAA CGTTAAAGATTT CATGTCA TTGTCTGAACAAC TACGAAAACAAA TACGTAGTGC									
		Section 119									
		(8733)	8733	8740	8750	8760	8770	8780	8790	8806	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(8277)	CAGGCACTT GAT TAAAGTCTAACTA TTAAGACCCCAATTCC TCATCCCTTATGCA TTCACATCCT-TTGCCA									
	(8461)	TGCTA AAAAGAA TAA---CTTACCTT TTAAGTTGA CATGTGCAACTAC---TAGACAAGTTGT TAA TGTGTAA									

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		Section 120							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(8807)	8807	8820	8830	8840	8850	8860	8870	8880
	(8350)	TGT	CATCAT	TATG	AGTT	CAGTT	TGT--	AAGT	CCTTTTATTTTGGGCTTGACCTTTA-TTATGGGTCAAATTGT
	(8529)	CAA	CAAGA	TAGC	ACTTAAGGGTGTA	AAAT	TGTTAATAA	TGGT	TGAAGCAGTTAATTAAGTTACACTTGTG
		Section 121							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(8881)	8881	8890	8900	8910	8920	8930	8940	8954
	(8421)	TCC	CCCAGAA	TTCA	TATGT	CGAAG	TCGAACT	CCCCAGT	ACCTCAGAATATGACTGTATGTGGACATAGGGTCT
	(8603)	TCC	TTT---	TTGT	TGCTG	CTATT	TTCTATT	TAAAT	AACACCTGTTTCAATGTCATGTCATAACATACTGACT
		Section 122							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(8955)	8955	8960	8970	8980	8990	9000	9010	9028
	(8495)	TT	TATAGAGGT	AATCA	GCTAA	AAATG	AGGT	TATC-AA	GATAGGCCCAATCCAATCTGACTGGGGTCCTTGTA
	(8670)	TT	TCAAGTGA	AATCA	TAGGAT	ACA	AGGC	TAT	TGATGGTGTGTCACTCG---TGACATAG---CATCTACAGA
		Section 123							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(9029)	9029	9040	9050	9060	9070	9080	9090	9102
	(8568)	GGAGAAA	TTTG	GAAACA	GACAC	GCAT	ACAGG	GAAACAC	CACGTGAACA
	(8737)	TACTTGT	TTTG	CTAACA	AACAT	GCTGA	ATTTT	GA-----	CACATGG---TTTAGC
		Section 124							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(9103)	9103	9110	9120	9130	9140	9150	9160	9176
	(8642)	AG	AGG	GAC	CTGG	AAC	CAGAT	CCTT	CCCTTCACAGCCTTCAGAAAGGAACCAACCTGTCAACCTCTTGTCTCTGGAC
	(8802)	CT	AAT	GAC	AAAG--	CTTGC	CCATT	TGATT	GTCTGCAGTCA
		Section 125							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(9177)	9177	9190	9200	9210	9220	9230	9240	9250
	(8716)	TT	TTAGT	CT	CCAGA	GCTG	CGAG	ATAA	TAAATTTCTGTGTGTAAGCCACCAGTCTGTAG--ACATTTTTTAGG
	(8867)	GG	TTTG	CCT----	GGCA	CGAT	ATT	ACGC	ACAACTAA
		Section 126							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(9251)	9251	9260	9270	9280	9290	9300	9310	9324
	(8788)	A	CAG	CCA-	TAGGA-	CAC	TAA	TAT	ACCATGTGA-CTTGTTGTGCCAGTGA
	(8936)	G	CAG	TTGG	TACAT	CTGT	TACAC	ACCAT	CAAACTTATAGAGTACATGA--CTTTGCA

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		Section 127									
		(9325)	9325	9330	9340	9350	9360	9370	9380	9398	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(8859)	CAGTCTGTAGACTAGGTCTTAA	AAAC	TTTG	AGTTTT	TTCC	ACTTGCTGTCT	CACCC	ACCTTCC	ATTGC	TATGAG
	(9001)	TTGTGTTTGGCTGCTGAA	TGT	ACAA	TTTT	AAAGA	TGCTTCTGGTAAG	C-CAGT-ACC	AT--	ATTGT	TATGAT
		Section 128									
		(9399)	9399	9410	9420	9430	9440	9450	9460	9472	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(8933)	AAAA	TTAT	GGCCT	AATG	CTAT	TCTGCTGG	TCTAAG	---AAG	CA-TGAG	ACACATT
	(9071)	ACCAAT	GTAG	TAAG	GTCT	GTGTGCT	TATGA	AAGTTT	ACGCC	TGAC	ACACGTT
		Section 129									
		(9473)	9473	9480	9490	9500	9510	9520	9530	9546	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(8997)	TTCCAGC	CAATC-	CCTAC	CTCC	GGATGACCT	GCAGA	TATACC	AGCCAT	AAAT	TTAT--
	(9145)	TATTA	TTCAAT	TTCTCTA	CA	CC	TACCTTGAA	GGTTC	TGTTAG	AGTGG	TAA
		Section 130									
		(9547)	9547	9560	9570	9580	9590	9600	9610	9620	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(9063)	GCCACT	GAGT	TTTAG	AATAG	ATTACT	ACATAG	CAACA	ACTAAT	TGATT	TAA
	(9219)	GGCAC	GGCAC	TTGT	GAA-AGAT	CAGAA	AGCTGT	GTGTTTGTGT	ATCT	ACT--AG	TGGTAG
		Section 131									
		(9621)	9621	9630	9640	9650	9660	9670	9680	9694	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(9137)	ATTCCCAA	ACACAG	CTGT	TTTAC	ATTCA	ATATAGA	ACTAT	TGACT	TTTTTC	TGCAT
	(9286)	CAATGATT	ATTACAG	ATCTTTTAC	CAGG	AGTTT	-----T	CTGTGG	TGTAGA	TGC-TGT	AAA
		Section 132									
		(9695)	9695	9700	9710	9720	9730	9740	9750	9768	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(9211)	GAAA	-TTTA	AGTCA	ATTCC	TAAAC	ACGTGG	TTT	GCTAT	CCACA	----AGC
	(9350)	AATATG	TTTACAC	CACTA	AATTC	AACCTA	TTGGT-GCT	TTTGGACA	TATC	AGCAT	CTCTATAG
		Section 133									
		(9769)	9769	9780	9790	9800	9810	9820	9830	9842	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(9280)	CAGTGA	AAA	TAGT	GATATG	AAC	TGATGA	ATAA	TGAAG	TGCG	TTGCTCGT
	(9423)	TAGCTA	TCGTAGT	AACATG	CCTTG	CCTACTA	TTTATG	AGTTT	TAGAAG	AGCTTT	TGGTGA

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		Section 134									
		(9843)	9843	9850	9860	9870	9880	9890	9900	9916	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(9354)	AA	TTGC	TATG	TAAT	CC	CACT	CTT	TTCC	AC	AGT
SARS-CoV-2 Reference Genome NC_045512.2	(9497)	G-	TTGC	CTT	TAAT	AC	TTTA	CTA	TTCC	TT	ATG
		Section 135									
		(9917)	9917	9930	9940	9950	9960	9970	9980	9990	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(9428)	T	CAGTC	CAG	AC	TATT	TCT	T	AAGAG	ATG	TAT
SARS-CoV-2 Reference Genome NC_045512.2	(9568)	A	CTGGT	G	TT	TATT	CTG	T	ATTT	ACT	TG
		Section 136									
		(9991)	9991	10000	10010	10020	10030	10040	10050	10064	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(9502)	T	AAT	TGC	GAT	CC	ATT	TTA	AACA	CAC	AGT
SARS-CoV-2 Reference Genome NC_045512.2	(9640)	T	ATT	CAG	-	TGG	AT	GG	TTA	TG	TT
		Section 137									
		(10065)	10065	10070	10080	10090	10100	10110	10120	10138	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(9576)	T	TG	TT	TG	TT	TG	TT	TG	TT	TG
SARS-CoV-2 Reference Genome NC_045512.2	(9707)	A	T	TT	CC	CAA	AG	CA	TTT	CT	T
		Section 138									
		(10139)	10139	10150	10160	10170	10180	10190	10200	10212	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(9650)	G	C	ATT	C	AG	CT	C	T	GG	G
SARS-CoV-2 Reference Genome NC_045512.2	(9776)	T	C	TT	T	AG	T	A	CT	T	T
		Section 139									
		(10213)	10213	10220	10230	10240	10250	10260	10270	10286	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(9723)	C	A	TG	C	T	CA	G	CTA	A	T
SARS-CoV-2 Reference Genome NC_045512.2	(9848)	A	G	TG	A	T	G	T	G	CTA	T
		Section 140									
		(10287)	10287	10300	10310	10320	10330	10340	10350	10360	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(9797)	A	CT	C	CT	G	CC	T	T	A	A
SARS-CoV-2 Reference Genome NC_045512.2	(9917)	A	G	T	G	G	A	G	C	A	A

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										Section 141
	(10361)	10361	10370	10380	10390	10400	10410	10420	10434	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(9869)	CA	TACACATAGATTCTTAAC	TTGTTGG	TACTTTT	CACAAATTACCTAACAT	TTTGGTCTTAGTTT	TTGAT	TGGC	
SARS-CoV-2 Reference Genome NC_045512.2	(9989)	AG	TA-ACTCAGGTTCTGATG	TTCTT	--TACCAAC	CACCAAAACCTC---	TATCACCTCAGCTG	TT---	TTCG	
										Section 142
	(10435)	10435	10440	10450	10460	10470	10480	10490	10508	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(9943)	AGA	ATGAAA	TTAGACTAAT	TGGTG	TGATGTA	TGGTGGGGGCC	TTGAGCCATGATGT	GTACAGTTT	ACCTCAGGA
SARS-CoV-2 Reference Genome NC_045512.2	(10053)	AGA	GTGGTT	TTAGAAA	AATG	CAT	TCCCATCTGGT	AAAG---	TTGAGGGTGTATG	GTACAAGTAACTTGTGGT
										Section 143
	(10509)	10509	10520	10530	10540	10550	10560	10570	10582	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(10017)	GG	AACTGGAA	ACCGAG	TAACAAAGG	TCAGTCAC	ACCATGAAC	TTCA-TGCC	TA---	CATGT-----CCCAATT
SARS-CoV-2 Reference Genome NC_045512.2	(10124)	AC	AACT--AC	ACT--TAAC	GGTCTTTG	GCTTGATG	ACGTAG	TTTACTGT	CAAGA	CATGTGATCTGCACCTCT
										Section 144
	(10583)	10583	10590	10600	10610	10620	10630	10640	10656	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(10081)	AAA	ACCTGGA	ACTGGCTGGG	TATGTTG	TTTCA	TGCT--GTAA	-TCCCAGCACTTT	TGGGATGCTG	-AGGCGGG
SARS-CoV-2 Reference Genome NC_045512.2	(10193)	GAA	GACATG	CTTAACCCT	AAT	TATGAAGATT	TACTCAT	TTCGTAA	GTCTAAT	CAATAATTTCTTGGTACAGGCTGG
										Section 145
	(10657)	10657	10670	10680	10690	10700	10710	10720	10730	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(10151)	C	AGATCAT	TGAGATCAGG	AAATAGAG	ACCACTGTCT	CTAATACAA	TG-----AA	ACCTCATCTCT	ATTAA--AA
SARS-CoV-2 Reference Genome NC_045512.2	(10267)	TA	-ATGTTCAAC	TCAGGGT-T	ATTGGA	CACTTCTAT	GCAAATTG	TGTACTT	AAGCTTAAGG	TGATACAGCCAA
										Section 146
	(10731)	10731	10740	10750	10760	10770	10780	10790	10804	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(10218)	T	AAAAATACA	AAAATTA	GCCAAGCA	TGGTGCA	CGTGCTGTAG	TCCCAGCTAC	TCAGGAGGCTGAA	GTAGGA
SARS-CoV-2 Reference Genome NC_045512.2	(10339)	T	CCTAAGACA	CCTAAGTA	T--AAGTT	TGTTGCA	TTCAACAG-	GACAGACTTTT	TCAGTGTTAGCTT	GTACAA
										Section 147
	(10805)	10805	10810	10820	10830	10840	10850	10860	10878	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(10292)	GAATC	TC	TTGACCTGG	GAGACGGAGCT	TGCAGTGAGC	CGAGATTGCACCA	-----CTG	CAC	TCCAGCC
SARS-CoV-2 Reference Genome NC_045512.2	(10410)	ATGGT	TC	ACCATCTGTG	TGTTACCAATG	TGCTATGAGG	CCCAATTCAC	TA	TTAAGGGT	TCATCCCTTAA

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		Section 148							
	(10879)	10879	10890	10900	10910	10920	10930	10940	10952
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(10360)	CAACAGAA	TGAGAT	TCCGTCT	CAAA	AAACAA	AAACCC	TGGAA	C
SARS-CoV-2 Reference Genome NC_045512.2 (10484)		TCATGTGGT	AGTGTG	TTTAA	CATAG	ATT--	ATGAC	TGTCT	C
		Section 149							
	(10953)	10953	10960	10970	10980	10990	11000	11010	11026
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(10432)	TGGCAAT	---AC	TCTGT	TGCTGT	CACAC	ATCAT	TGCTGG	AAAA
SARS-CoV-2 Reference Genome NC_045512.2 (10554)		TACCAA	CTGGAG	TCA	TGCTGT	CACAGA	CTTAG	AAAGG	TAACT
		Section 150							
	(11027)	11027	11040	11050	11060	11070	11080	11090	11100
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(10501)	AAGGGA	CAGCTGG	AAACTTG	--AACT	TGTTCT	TTCC	TGGTG	ACTTT
SARS-CoV-2 Reference Genome NC_045512.2 (10626)		CA	CAAG	CAGCTGG	TACGG	ACACAACT	ATTAC	AGTTAA	TGTTTAG
		Section 151							
	(11101)	11101	11110	11120	11130	11140	11150	11160	11174
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(10572)	CATA	ACTGT	GATTA	ACAGCT	--TTTG	CCAGTT	CTGTG	AGCCCT
SARS-CoV-2 Reference Genome NC_045512.2 (10697)		GGAG	ACAGGT	GTTCT	CAATCGA	TTTACCA	CAACT	CTTAAT	GACTT
		Section 152							
	(11175)	11175	11180	11190	11200	11210	11220	11230	11248
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(10644)	C	TTGG	GACTCC	CAACAC	ATACT	ATGC	AAACAT	ATAC
SARS-CoV-2 Reference Genome NC_045512.2 (10767)		A	TTAT	GAAAC	CTCT	AACACA	AGAC	ATGTTG	ACATAC
		Section 153							
	(11249)	11249	11260	11270	11280	11290	11300	11310	11322
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(10716)	CTCC	ATTT	TGTAT	TATGT	TGTAAT	CTACT	GTAC	CC
SARS-CoV-2 Reference Genome NC_045512.2 (10840)		AGAT	ATG	TGTGCT	TCA	TAAAG	AAT-TAC	--TGC	AAA
		Section 154							
	(11323)	11323	11330	11340	11350	11360	11370	11380	11396
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(10790)	CCCAAGCCC	ATGT	TAAG	TGA	GGAAG	CACT	GAA	GCTCG
SARS-CoV-2 Reference Genome NC_045512.2 (10910)		TT-----	AT	TAGA	AGA	TGA	ATTTA	CAC	CTTTT

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		Section 155																			
	(11397)	11397	11410	11420	11430	11440	11450	11460	11470												
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(10863)	ATGATGTCAA	CATTACCAT	GG-GCTTCC	CAGTCTTAGA	GGATGTTGGA	TCAC	TCTTTAAC	CAGTCGCACGGAA												
SARS-CoV-2 Reference Genome NC_045512.2	(10974)	GTGCAGGTGAA	AGAACAAT	CAAGGGTACACA	CCACT----	GGTTGTTAC	TCACAA	TTTTTGA	CT-TCAC	TTTTTAG											
		Section 156																			
	(11471)	11471	11480	11490	11500	11510	11520	11530	11544												
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(10936)	AAC	TGCCC	TCCATG	GTCTTGCA	AGACCTAA	GAA	CAAGGG	TTAGC----	AAT	TCCAGT	TAA	ACCA	TTTGCTAT	-						
SARS-CoV-2 Reference Genome NC_045512.2	(11043)	TTT	TAG---	TCCA	GAGTACT	CAATGGT	CTTTGTT	CTTTTT	TTTGTATGA	AAATG	CCTTT	TTT	ACCT	TTTGCTAT	G						
		Section 157																			
	(11545)	11545	11550	11560	11570	11580	11590	11600	11618												
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(11005)	----	TTAT	GAGATCC	TGGGC	AAATTC	CATGA	ACTCTCTG	AACTTAGG	-----	TTCT	GGT	TTT	AAAT	TAG	GAA					
SARS-CoV-2 Reference Genome NC_045512.2	(11114)	GGTA	TTAT	TGCTATG	TCTGC	TTT	TGCAATGA	TGTTGTCT	CAACA	CATAAG	CATGCA	TTTCT	CTG	TTT	GTT	TTT	GTT				
		Section 158																			
	(11619)	11619	11630	11640	11650	11660	11670	11680	11692												
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(11069)	AGCA	AATAAG	TACCAC	ACAGAA	TTATT--	ATTAAG	TTTAACA	AAAGAT	TAA	TGCA	TGTGTGAT	T	GAGTA	AAA	AATTA	AA				
SARS-CoV-2 Reference Genome NC_045512.2	(11188)	ACC	TTCTCT	TGCCAC	TGTAGC	TTATT	TTA	AATAT	GGTCT	ATA	TGCC	TGCTAG	TGTGTGAT	-	GC	GTATT	ATGACA				
		Section 159																			
	(11693)	11693	11700	11710	11720	11730	11740	11750	11766												
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(11141)	TAA	CA	GGATA	-	GCTCTTC	ACCA	CCAAC	T-TCC	TTGTGA	--	AGAAGAT	TTT	TGTC	-	TGTC	TTCT	CCCC			
SARS-CoV-2 Reference Genome NC_045512.2	(11261)	TGGTT	GGATA	TGGT	TGAT	ACTAG	TTTG	TCTGG	TTT	TAA	AGCT	AAAAG	ACT	TG	TGTAT	TGTAT	G	CATC	AGCT	GTAGT	
		Section 160																			
	(11767)	11767	11780	11790	11800	11810	11820	11830	11840												
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(11209)	T	TCCCA	--	CCTT	CCGAG	AAGGA	TTCTG	CTTG	CCC	GT	TGAT	TATTT	GGA	ATTT	GATAG	TGCA	GAAT	CAGAAA	AA	
SARS-CoV-2 Reference Genome NC_045512.2	(11335)	G	TACTA	AAT	CCTT	AT	GACAG	CAAGAA	--	CTGTG	TATG	ATGAT	GGT--	GCT	AGGA	GAGT	GTGG	AC	ATTATG	AAAT	
		Section 161																			
	(11841)	11841	11850	11860	11870	11880	11890	11900	11914												
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(11281)	GAGAAAG	TG	GTAGAA	G	GAG	AAAA	GGTATAT	ATATAG	AC	TAA	GCTGT	GGA	CAAGC	--	TTT	T	CAG	GAA	GACTTT	T
SARS-CoV-2 Reference Genome NC_045512.2	(11405)	G	TCT---	TGAC	ACTC	GTTT	ATAA	AGTTAT	TATG	--	TAA	TGCTT	TAGAT	CAAGC	CA	TTT	C	ATG	TGG	GCTCT	T

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		Section 162									
	(11915)	11915	11920	11930	11940	11950	11960	11970	11988		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(11353)	GAGAGACAGAGAGATCTGGCAGCCCTACAGAGGAGTAGAAAGTGA-ATGGGATATAAAAGGAAGAAATGTTA									
SARS-CoV-2 Reference Genome NC_045512.2	(11473)	TATAATCTCTGTTACTCT---AACTACTCAGGTGTAGTTACAACTGTCATGTTTGTGGCCAGAGGTATGTTT									
		Section 163									
	(11989)	11989	12000	12010	12020	12030	12040	12050	12062		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(11426)	AGAAAGTGCGTATCCCTCTTATAAGTAAATATTGTAGAAATCAGAATAATAGACCTGAGTAACCTCAAAACCAACCTTA									
SARS-CoV-2 Reference Genome NC_045512.2	(11544)	TTATGTGTGTGTGAGTATTTGCCCTATTTTCTTTC-ATAACTGTATAACAATTGAGTGTA---TAATGCTAGTTTA									
		Section 164									
	(12063)	12063	12070	12080	12090	12100	12110	12120	12136		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(11500)	TA--TAAAAATCTCTATTTGAGAGAAAATAGTACAAACTGAAAGATAGCCCTTCTATTTTTCTGTGGAATTAGGCCA									
SARS-CoV-2 Reference Genome NC_045512.2	(11614)	TTGTTTCTTAAAGCTATTTTGT-----TACTTGTTACTTTGCTCTTTGTTTACTCAACCGCTACTTTTAGACT									
		Section 165									
	(12137)	12137	12150	12160	12170	12180	12190	12200	12210		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(11572)	GATCAGCATCAAGCTTCATATGCTTCTATTTGT---CTTGC-TTTCCAGAAATCTCTTCAGAGTTTCCCTTAAGA									
SARS-CoV-2 Reference Genome NC_045512.2	(11683)	GA-CTCTTGGTGTATATGATTACTTAGTTTCTACACAGGAGTTTAGATATATGAATTCAACAGGGACTACTCCCA									
		Section 166									
	(12211)	12211	12220	12230	12240	12250	12260	12270	12284		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(11642)	TCCATGCCATTAACTTATACGTAAGGAATAAATAAACTCAAAAACATATTATTATTTTCGGAGATTTTTTTTTCA									
SARS-CoV-2 Reference Genome NC_045512.2	(11756)	CCCAAG--AATAGCATAGA-TGCCCTTCAACTCAACATTAAATTGTTGGGTGTTGGTGGCAACCTTTGTATCAA									
		Section 167									
	(12285)	12285	12290	12300	12310	12320	12330	12340	12358		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(11716)	-GT-GTGTATGTCACGCTCAGAAATTTCACTTAGAACATAAAGCCAGAGGAATTTCTCTCCTAAAGGTGTAAATA									
SARS-CoV-2 Reference Genome NC_045512.2	(11827)	AGTAGCCACTGTACAGTCTA-AAATGTCAGATGTAAAGTGCACATCAGTAGTCTTACTCTCAGTTTGTCAA									
		Section 168									
	(12359)	12359	12370	12380	12390	12400	12410	12420	12432		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(11788)	CGTTTTCCCTTCTGTAAACGCTGACAAACGTGTGATTTTGGCTACCATTAAGTTGAGAGTCAAAATTTCAGCTC-									
SARS-CoV-2 Reference Genome NC_045512.2	(11899)	ACTCAGAG-TAGAAATCATCATCTAAATTGTGGCTCAATGTGTCCAGTTACA-CAATGACATTCTTAGCTAA									

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										Section 169							
	(12433)	12433	12440	12450	12460	12470	12480	12490	12506								
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(11861)	-GACTTTTGTGTTAA	TGATTTTAAATTAA	--ATTTTAAATGA	TTTTTTAAAC	TTCTGGCCGGATGT	GGTG	GCTC	ACAC								
SARS-CoV-2 Reference Genome NC_045512.2	(11971)	A	GATAC	TAC	TGAA	GCC	TTTGAA	AAAA	TGG	TTTCACTAC	TTTTCT	GTTTT	TGCTTT	CCATGCAG	GGTG	CTGT	AGACA
										Section 170							
	(12507)	12507	12520	12530	12540	12550	12560	12570	12580								
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(11932)	TGTAG----	TTCCAGCACTTTTG	GAGGCCAA	GC	GGGGA	AGGATT	---	GCTTGAGCC	CAGGAGTTT	GAGA	CCAGC					
SARS-CoV-2 Reference Genome NC_045512.2	(12045)	TAAACAAGC	TTTGTGA	GAAAT	GCTGGA	CAACA	GGGCA	ACC	TTACAA	GCTAT	AGCC	TCA	GAGTTT	AGTT	CCCTT		
										Section 171							
	(12581)	12581	12590	12600	12610	12620	12630	12640	12654								
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(11998)	CTATACA	CTGAGAC	CTCATCTC	CAAAAA	AAATTA	AAAA	TTAGCCA	AGCAT	GGTGTTC	CCACCTGT	AGTCCCA					
SARS-CoV-2 Reference Genome NC_045512.2	(12119)	CCAT-	CATATG	CAGCTTTTG	CTACTGCTC	AAG---	AAGC	TTATG--	AGCAGC	TGTTGC	TAATGGTG	ATCTGA					
										Section 172							
	(12655)	12655	12660	12670	12680	12690	12700	12710	12728								
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(12072)	GCTACTTTGGG	AGACTGAG	GTGGAG	GATCGTTAG	AGCCCATG	ACATC	AAGGC	TGCAGT	GAGT	TGTGAT	CATGCC					
SARS-CoV-2 Reference Genome NC_045512.2	(12187)	AGTTGT	TTCTTA	AAAAGTT	GAA	GAG--	TCTTTGA	ATGTGGCT	AAATC	TGAATTTG	ACCGT	GATG	CAGCCATGCCA				
										Section 173							
	(12729)	12729	12740	12750	12760	12770	12780	12790	12802								
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(12146)	ACTGTA	ACTGGG	CAACAGA	GTGAGAAC	CTGTCT	CAAAG	AAAAC	TTAAAAT	TAAAAAT	AAA-	TAAT	TCTAGTTCT				
SARS-CoV-2 Reference Genome NC_045512.2	(12259)	ACGTA	AGTTGG	AAA-AGA	TGGCTG	ATCAAG	CT-----	ATGACCC	AAATG	TAAAC	AGGC	TAGA	TCTGAGGACA				
										Section 174							
	(12803)	12803	12810	12820	12830	12840	12850	12860	12876								
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(12219)	ATCTAT	CTGAAT	TTGAGC-	TGCTTCTTCC	CAC	TTTCAC	TTGCTTACAT	CAGATCA	TTGGGA	ATG	GATGT	AGAT				
SARS-CoV-2 Reference Genome NC_045512.2	(12327)	A	GAGGG	GAAA	GTTACTAG	TGGCTAT	GCAGA	CAAT	GTCTTT	TCACTATGC	TTAGAAAG	TTGGAT	AAT	GATGCACTC			
										Section 175							
	(12877)	12877	12890	12900	12910	12920	12930	12940	12950								
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(12292)	AATAA	TCCAG-	AACA	GGAGGA	TTTATTTAT	TTATTTAT	TTATTTAT	TTATTTAT	TTAGAT	TAGAGT	CTAC	TCTGT	CACCC			
SARS-CoV-2 Reference Genome NC_045512.2	(12401)	AACAA	CAATTA	TC	AACA	ATGCA	AGAGAT	GGTTGT	GTTCCCTT	GAACATAA	TACCT	-----	CTAC	AACAG	CAGCC		

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										Section 176																						
	(12951)	12951	12960	12970	12980	12990	13000	13010	13024																							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(12365)	AGGCTGGAGTACAGTGGTGCAATCTC-AACTCACTGAAA	TCTG	CCCTGGG	GC	T	TAA	AGCAATT-CTT	CTGC																							
SARS-CoV-2 Reference Genome NC_045512.2	(12470)	AAACTAATGTTGTTCATAC	CAGA	CTAT	AACA	CATAT	AAAA	TACGTGTGATGG--TAC	A	CAATTCTTATGCA																						
										Section 177																						
	(13025)	13025	13030	13040	13050	13060	13070	13080	13098																							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(12437)	TCAGC	CCCC----	AAAGTA	AGCT	GAGAT	TACAG	GCA	CC	TGCC	ACCAT	GCC	T	ACT	AT	TTTT	TTTT	TTT	GAGGT													
SARS-CoV-2 Reference Genome NC_045512.2	(12542)	TCAGC	ATTGTGGGA	AA	TCCA	ACAG	GTTGT	TAG	AT	GCA	GAT	AGT	AAA	AT	TGT	TCA--	ACT	TTAG	TGAAA	TTAG	TATG											
										Section 178																						
	(13099)	13099	13110	13120	13130	13140	13150	13160	13172																							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(12506)	GAAATTTCA	TTCT	TGTT	GCC	CAGG	CTGGAG	TGCA	GTGG	CACAA	TCTC	GACT	CAC	TG	C	AA	CCTC	CACCT	TC	TGGA												
SARS-CoV-2 Reference Genome NC_045512.2	(12614)	GACAA	TTCA	C-CT	AA	TT	TAG	CAT	G	GCCTCT	TATT	GTAA	CAGCT	T	AA	GGGC	CAAT	TC	TG	CTGT	CAAA	TTACA	GA									
										Section 179																						
	(13173)	13173	13180	13190	13200	13210	13220	13230	13246																							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(12580)	TTC	AGAG	ATTC-	TCCTGT	CTCA	GCCTCC	CAAG	TAG	CTGG	GAT	TAC	AGGT	G	CCGC	CAC	----	CAT	TGCC	CAGCT												
SARS-CoV-2 Reference Genome NC_045512.2	(12687)	AT	AA	TGAG	CTTAG	TCCTGT	TG	CA	CTACGA	CAGA	TGT	CTT	TGTGC	TGC	CGGT	ACTACA	CA	AACTG	CT	TGC	ACT	GAT										
										Section 180																						
	(13247)	13247	13260	13270	13280	13290	13300	13310	13320																							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(12649)	A	TTTT	TTT	GT	ATTT	TTAG	TATAG	AC	GGGGTTTC	AC	AT	GTTG	GCC	AGG	CTG	GT-CT	CAAC	CTGC	TGA	CC	----										
SARS-CoV-2 Reference Genome NC_045512.2	(12761)	G	CAA	TGC	GT	TAGC	TTAC	TACA	-AC	ACA	-----	AC	AA	GGA	G	T	AGG	TT	GT	CT	TGCA	CTGT	TAT	CC	GATTT							
										Section 181																						
	(13321)	13321	13330	13340	13350	13360	13370	13380	13394																							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(12718)	-	CAGG	TGA	T	CAG	CC	TCCC	AA	--	GTG	C	TGGA	AT	TAC	AGG	CA	TG	AG	CC	AC-	CAC	GC	CTGG	C-	CCA						
SARS-CoV-2 Reference Genome NC_045512.2	(12829)	A	CAGG	ATT	T	G	AA	TGGG	CT-	AG	AT	TCCC	T	AA	GA	GTGA	TGGA	A	CT--	GG	ACT	AT	CT	ATA	CAGAA	CTGG	AA	CCA				
										Section 182																						
	(13395)	13395	13400	13410	13420	13430	13440	13450	13468																							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(12787)	GAACAG	AGG	GAT	TT	GA	AG	TTG	CTGGG	AG	AGG	A	CAA	AG	AG	GT	AAC	-AG	ACT	T	C	TTT	G	T	G	T	C	GG	TGGG	AGGA		
SARS-CoV-2 Reference Genome NC_045512.2	(12899)	CCTTGT	AGG	TT	TG	TT	AC	AG	ACA	CAC	CT	AA	AGG	T	C	T	AA	AG	T	AA	GT	A	TTTA	T	A	CTTT	AT	-T	AAA	GG	ATTAA	ACA

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		Section 183							
	(13469)	13469	13480	13490	13500	13510	13520	13530	13542
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(12860)	GTGTCAGTGGGAGTAGCC	T--TAA	GATAA	TATCAAT	CAACACACAT	TTAAGAGCT	ATA	GTAAAGCAACAAGAG
SARS-CoV-2 Reference Genome NC_045512.2 (12972)		ACCTAATAGAGGATGTT	TGTTAG	CTGCT	CAACAGT	ACGTC	TACAAGCT	G--GTAA	TGCAACAGAG
		Section 184							
	(13543)	13543	13550	13560	13570	13580	13590	13600	13616
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(12932)	T-----AGAGCAGTT	TATTG	-----GA	GCTT---	CAAGAGTCAAG	GCTAAA	TGAC	ACAAAGCTAAAGA
SARS-CoV-2 Reference Genome NC_045512.2 (13044)		TGCGTGCCAA	TTCACTG	TATT	ATCTTTCT	GTGCTT	TTGCTGT	AGATGCT	GCTAAAGCTTACAAAGATTATCTA
		Section 185							
	(13617)	13617	13630	13640	13650	13660	13670	13680	13690
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(12988)	TGCTTATGAATCTTG	ACCCAGCT	---TAA	AAATC	TAAG	---TGATG	GAACA	---ACTTAAAGTGT
SARS-CoV-2 Reference Genome NC_045512.2 (13118)		GG-TAGTG	GGGGACA	ACCAAT	CAC	TAA	TTGTGT	TAAGA	TGTTGTGTACACACTGGTACTGTCAGGCAATAA
		Section 186							
	(13691)	13691	13700	13710	13720	13730	13740	13750	13764
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(13057)	AATTTA-----GAA	TTCT	TCTGCGTG	AAGAAT	-----TA	----ATC	AGGTG	-----ACTGCAAGTGTAC
SARS-CoV-2 Reference Genome NC_045512.2 (13191)		CAGTTACACCG	GAA	GCAAT	ATG	GATCAAGAAT	CCTTTGG	TGGTGC	ATCGTGTGCTGTACTGCGTTGCCAC
		Section 187							
	(13765)	13765	13770	13780	13790	13800	13810	13820	13838
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(13109)	AGTTTTCATTTT	AAAATA	ACAGGA	GATTGAAC	CTTGGAG	CCCCACC	AGAAAGAC	TAAATGTGCTTAGGGATGA
SARS-CoV-2 Reference Genome NC_045512.2 (13265)		ATAGATCAT	CCAA	TCCTAA	AGGATT	TTGTGA	CTTAAAGGTA	AGTATGT	ACAAATACCTACAACTTGTGCTAA
		Section 188							
	(13839)	13839	13850	13860	13870	13880	13890	13900	13912
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(13183)	TGGCTTAGAGAG	GTTTAAC	CAGCTGGAG	GGTGAACAGT	TGCA	---CTGAACA	ATCTAGAT	GGTTATG--TG
SARS-CoV-2 Reference Genome NC_045512.2 (13339)		TGACCGTGTGGT	TTTA--	CAC	TAA	AA---AC	ACAGTCTGT	ACCGTCTGCGGT	ATGTGGAAGGTTATGCGT
		Section 189							
	(13913)	13913	13920	13930	13940	13950	13960	13970	13986
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(13251)	AAGTAC	TGTG	CATG	CAGAGTC	CTCAT	AA	TTTATC	TC
SARS-CoV-2 Reference Genome NC_045512.2 (13408)		TAGTTGTG	ATCA	ACTCG	GAA	CCCAT	GCTT	CAGTC	AGTCAGCTGATGCAATCGTTTATAACGGGTTTGCGGTG

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		Section 190									
	(13987)	13987	14000	14010	14020	14030	14040	14050	14060		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(13325)	G AAG AAAA TAT T TGA ACC AT T ATT GACT CC AGAA GGCA ATATA AGG AG CCT TTT TTT TTT TTT TTT TTT TTT T									
SARS-CoV-2 Reference Genome NC_045512.2	(13481)	T AAG ----- T GC A GC CG T CTT - AC ACC GTGC GGCA CAGGC ACT AG TAC TGA TGT CG TAT ACAGG GC TTTT G									
		Section 191									
	(14061)	14061	14070	14080	14090	14100	14110	14120	14134		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(13399)	T CAGAA AC CT TTT -- AT TGGT T TCA T TAA CAG AAT CTGGC ATGT C CAC TT TAG TT C TC CT TAG CT AAA CT TAA									
SARS-CoV-2 Reference Genome NC_045512.2	(13547)	A CA TCT AC AA T GATAA AG T AG CT TGGT TT TG CTA AAT TCCTA AAAA CTA ATT -- GTT G TC GC T TC CA A GA AAAAGG									
		Section 192									
	(14135)	14135	14140	14150	14160	14170	14180	14190	14208		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(13470)	AC AGA CAT TTT CAAT G TAA G TC - T ACT TAA G TAA ACTAA AAACA AG ACAC ATAGAG TC AC GC CCAACA AGAA CCT									
SARS-CoV-2 Reference Genome NC_045512.2	(13619)	AC GAAG AT GA CAAT T TAA T TGA TT CTTA CT TTGTAG TT AA GAG AC ACAC TTTCTC TAACTA CCAACA T GAA ---									
		Section 193									
	(14209)	14209	14220	14230	14240	14250	14260	14270	14282		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(13543)	TA GAAAC CAT C TAGTCC TAGGCCGG G CACAGT GGCT CA TGT CTGTAA TCCC AGC ACTT TGGG AGGC T GAG GCAG									
SARS-CoV-2 Reference Genome NC_045512.2	(13690)	-- GAAAC AAT TTA TAAT T TACTTAA G GATT GT CCAG C - TGT TGC TAAAC -- ATG ACTT CTTT AAG TT TAGAATA									
		Section 194									
	(14283)	14283	14290	14300	14310	14320	14330	14340	14356		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(13617)	GCTAA T CAC CTGAGGT CAGG - AGT TC GAGACCA - GCCTGGC CAA --- CACAGT TAAACT CCATC TCTAT TAAAA									
SARS-CoV-2 Reference Genome NC_045512.2	(13759)	GACGG T GAC ATG GTAC CACAT ATATC AC GT CACAC GTCTTA CTAATA CACAATGGC AGA CC TCG TCTAT GCTTT									
		Section 195									
	(14357)	14357	14370	14380	14390	14400	14410	14420	14430		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(13686)	ATA CAAA ATTAG CTGGGC GTGGTGGTG - CA --- TGCCTGT AATCCAGCT ACTCAGGAGGCAG GAG AATCTCTT									
SARS-CoV-2 Reference Genome NC_045512.2	(13833)	A -AGGCAT TTTGATGAAG GTAA TTGTGA CACAT TAAAA GA AATAC TTGTCACAT ACA ATTGTT GTGATGATGAT									
		Section 196									
	(14431)	14431	14440	14450	14460	14470	14480	14490	14504		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(13756)	GAAC TC GGGAA GCAGA --- GGT TGCAGTGA GCCGAGATTGC -GCCATTGC ACTCAGGCCTGGG CAAC AAGAGCG									
SARS-CoV-2 Reference Genome NC_045512.2	(13906)	TATTTCAAT AAAA AGGACT GGTATGATTTTGTAGAAA ACCCAGATATATT AC GCGTATAC GC -CAAC TTAGGTG									

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		Section 197							
	(14505)	14505	14510	14520	14530	14540	14550	14560	14578
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(13826)	AAAC	TCAT	TCTCAA	AAAT	TAAATA	ATAAT	AAAT	TAAAGAAAGAAAGAAATTTCCTAGTCC
SARS-CoV-2 Reference Genome NC_045512.2 (13979)		AA	CGTGTA	CGCCAA	GCTTTGT	TAAATA	ACAGTAC	AAATCTGTGATGCCATGCGAAATGCTGTGTAT	TGTGGTG
		Section 198							
	(14579)	14579	14590	14600	14610	14620	14630	14640	14652
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(13900)	ATT	TTACAGG	TTGGAAAC	CAAAAT	TGAT	TAAAGGCCAGAA	TCACATGTC	TTAGCTAATGGCAAGAACCTGAGGCC
SARS-CoV-2 Reference Genome NC_045512.2 (14051)		TAC	TGACAT	TAGAT	AAATCAAGATC	---	TCAATGGTA	ACTGGTATGAT	TTCTGGTATTTCA
		Section 199							
	(14653)	14653	14660	14670	14680	14690	14700	14710	14726
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(13974)	TCTGGA	TGCTCT	GCGATCCTGTT	CTGTCAG	AAATG	CATGAGG	TTACTCTGCCCCA	AAACCACCAATGCAAGTTA
SARS-CoV-2 Reference Genome NC_045512.2 (14121)		AGGTAG	TG----	GAGTTCCTGTT	GT-----	AGATTCTTA	---	TTATTCATTGTT	AAATGCTATATT--AACTT
		Section 200							
	(14727)	14727	14740	14750	14760	14770	14780	14790	14800
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(14048)	TAAA	ATGATTT	TGAAGCTGTT	TCGAG	GCAAAACAGAGACC	CACAGCTCT	GC	AAATTCATT
SARS-CoV-2 Reference Genome NC_045512.2 (14181)		GACCA	AGGCTTT	AACTGCAGAG	TCACAT	GTTGACACTGA	----	CTTAACAAA	GCCTTACATT
		Section 201							
	(14801)	14801	14810	14820	14830	14840	14850	14860	14874
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(14122)	GTT	CACAT	TGCTT	TTTTTTCT	ATCAAT	TTATACAAAT	TTAACTT	CTCTAGTTTTC
SARS-CoV-2 Reference Genome NC_045512.2 (14250)		GTT	AAATATG	ACTT	CACGGAAG	AGAGG	TTAA	AACTCTTTGAC	--CGTTATTTTAAATATTG--GATCAG---
		Section 202							
	(14875)	14875	14880	14890	14900	14910	14920	14930	14948
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(14195)	CATAT	TCCAATA	AAAT	TCCCA	GTTGACTT	TATTTAGGC	ATAGGC	GTTAGCAGTATAGA
SARS-CoV-2 Reference Genome NC_045512.2 (14317)		-ACAT	ACCA	CCC	AAAT	TGTGTTAACTGTT	TGGA	TGACAGAT	GCATTCTGCATTGTG
		Section 203							
	(14949)	14949	14960	14970	14980	14990	15000	15010	15022
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(14268)	C	TTGTG	CTACA	TGTC	TTCTGTTAGGA	ATCCC	TTCTGG	CTTTATGACTC
SARS-CoV-2 Reference Genome NC_045512.2 (14389)		-TTCT	--CTACA-	GTG	TTC	CCACCTAC	AAGTT	TTGGAC	CAC

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		Section 204									
	(15023)	15023	15030	15040	15050	15060	15070	15080	15096		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(14342)	GACCAATATTCTCTATATTTTCACTAAGGTTTCAGTTAGCTCTTTTAAAT--TCAAAACGTGAATCTGC--AGCT									
SARS-CoV-2 Reference Genome NC_045512.2	(14459)	TTGTAAGTTTCAACTGGAATACCACTTCAGAG-AGCTAGGTGTTGTACATAATCAAGGA-TGTAAACTTACATAGCT									
		Section 205									
	(15097)	15097	15110	15120	15130	15140	15150	15160	15170		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(14411)	ATGAATCTGTTGCCAGCAAGGTAAGCA-TACTTTGCAATTCTTTTGGCAACCTTCTTTT-CTCTCCAACT--T									
SARS-CoV-2 Reference Genome NC_045512.2	(14531)	CTAGACTTAGTTT-----AAGGAAT--TACTTTGTGTATGCTGCTG-ACCCTGCTATGCACGCTGGCTTCTGGT									
		Section 206									
	(15171)	15171	15180	15190	15200	15210	15220	15230	15244		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(14482)	CTTCGATCCGATAATATTTTCACTAAGT-CTTATTTGTCTTACTTCACTCCATGAGTATTTCCTTACCTAC									
SARS-CoV-2 Reference Genome NC_045512.2	(14596)	AACTGTATAGTAGATAAAGCACTACGTGCTTTTCAGTAGCTGCACCTACTAACAAATGTGCTTTTTCAAACTGT									
		Section 207									
	(15245)	15245	15250	15260	15270	15280	15290	15300	15318		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(14555)	CAAGGACCCCTCAGTCCAAAGTTCAAGGAAAGATACAGAAACAGAAATCAAAG--TACATAAAATAAATGAGATAC									
SARS-CoV-2 Reference Genome NC_045512.2	(14670)	CAAAGCCGGTAAATTTTAACAAAGACTTCTATGACTTTTGCTGTGCTCAAGGTTTCTTTAAGGAA--GGAAGTTC									
		Section 208									
	(15319)	15319	15330	15340	15350	15360	15370	15380	15392		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(14627)	ATTTTCAGGATAAATTGTTAAATCTTTGTTTGT---TGTAAT-----TTACAATGTGTGGGCACACCATTTTGT									
SARS-CoV-2 Reference Genome NC_045512.2	(14742)	TGTTGAATTAAACACCTTCTCTTTGCTCAGGATGTAAATGCTGCTATCAGCGATTATGACTACTATCGTTATA									
		Section 209									
	(15393)	15393	15400	15410	15420	15430	15440	15450	15466		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(14692)	TTTFAATAAACAATATCTTTTCATCAGTTAAAAAAC---GTAGTTTCTATTTTTCCTATTATAATATGCGCGTT									
SARS-CoV-2 Reference Genome NC_045512.2	(14816)	ATCTACCAAACAATGTGTGATATCAGACAACTACTATTTGTAGTTGAAGTTGTTGATAAG-TACTTTGATTGTTA									
		Section 210									
	(15467)	15467	15480	15490	15500	15510	15520	15530	15540		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(14762)	--ATTTCTCTCT-TATTTTAAAAATACCATTTTGTGCTGTATCCTGTGTAACTGATACAGAAATAGTTTACA									
SARS-CoV-2 Reference Genome NC_045512.2	(14889)	CGATGGTGGCTGTATTAAATGCTAAACCAAGTCATCGTCAACAACCTAGACAAATCAGCTGGTTTTCCATTTATA									

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		Section 211									
	(15541)	15541	15550	15560	15570	15580	15590	15600	15614		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(14832)	AAAG	-----	ATTATAAAT	TTTTTTT	TGCAATAAG	GAGTTAGTCAAGG	CAGTCGCGG	TGG-CT	CACACTTGT	AA
SARS-CoV-2 Reference Genome NC_045512.2 (14963)		AATG	GGGTAA	AGGCTAGAC	TTTATTAT	TGATTCAAT	GAGTTATGAGGAT	CAGATGCAC	TTTTCG	CATATACAA	AA
		Section 212									
	(15615)	15615	15620	15630	15640	15650	15660	15670	15688		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(14900)	TCCC	ATCTCA	AAAACA	AAAACAAACA	AAACAAAC	AAAGAGTTAGT	CAAAACAA	AGT-AGCT	TGG-CC	
SARS-CoV-2 Reference Genome NC_045512.2 (15037)		CGTA	ATGTCA	TCCCTACT	ATACTAACTC	AA--ATG	AATCTTAA	GTATGCCA	TTAGTGC	AAAGAA	TAGAGCTCCCA
		Section 213									
	(15689)	15689	15700	15710	15720	15730	15740	15750	15762		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(14972)	GGATA	TGGTG	CTCAGC	CTGTAA	TCCAGC	ACCTTTG	GAGGCG	GAGGCTG	ATCACC	TGAGGTCAGGAGTT
SARS-CoV-2 Reference Genome NC_045512.2 (15109)		GTAGC	TGGTG	TCTCTAT	CTGTAG	TACTATG	ACCAATAG	A--CAG	TTTCA	TCAAAA	AATTATGAAATCAATAGCC
		Section 214									
	(15763)	15763	15770	15780	15790	15800	15810	15820	15836		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(15046)	----	CGAGACC	AGC--	CTGGCCAA	ACATGG	TGAACCTC	ATCTCTACT	AAAAATACAA	AAACA	AAATTAGCCAG-G
SARS-CoV-2 Reference Genome NC_045512.2 (15181)		GCCA	CTAGAGG	AGCTA	CTGTAGT	AATTGG	AACAAAG	CAAT-TCTA	TGGTGGT	TGGCAACA	ATGTTAAAACTG
		Section 215									
	(15837)	15837	15850	15860	15870	15880	15890	15900	15910		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(15113)	CATCC	ACTGTG	GCACAA	GCCTGT	TAATCCC	AGCTACTC	AGGG-AG	CTGAGGCAG	GAGAA	ATTGCTTGAACTTAGGA
SARS-CoV-2 Reference Genome NC_045512.2 (15254)		TTTAT	AGTGAT	GTAGAA	AAACCC	TACCTT	ATGGGT	TGGGATT	ATCCTAA	ATGTGATAGAGC	CATG--CCTAACAA
		Section 216									
	(15911)	15911	15920	15930	15940	15950	15960	15970	15984		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(15186)	AGTGG	AGG-TT	GTTGGT	CAGCTGT	TGGTCA	AGC-CAC	TGCAC	TCAGCCT	TGGT	TGACACAGTGAGACTCCATCTCA
SARS-CoV-2 Reference Genome NC_045512.2 (15326)		TGCTT	AGAA	TTATGG	CTCACT	TGTTC	TTGCTCG	CAACATA	TACAAC	TG--TTGT	AGCTTGTCACACCGTTTCT
		Section 217									
	(15985)	15985	15990	16000	16010	16020	16030	16040	16058		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(15258)	AAAA	ACAAAC	AAACAA	GTAGCT	AAATTT	TTTGAA	GACTTT	TTTGCAAG	GATTAAA	TTCACAAATCTTAGATGAG
SARS-CoV-2 Reference Genome NC_045512.2 (15398)		ATAG	ATTAGCTA	ATGAGT	GTGCTC	AAGTAT	TTGAGT	GAAATGG	TGTCATGT	GTGGCGG	TTCAC-----TATATGTT

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		Section 218																			
	(16059)	16059	16070	16080	16090	16100	16110	16120	16132												
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(15332)	CC	AAGAGCTGGAAACTTC-	CAGCAGATGCA	AGTCAGAG	GAAGTGAGTAA	GAATGAGTCTT	ACCCCTTG	CA---	TTT											
SARS-CoV-2 Reference Genome NC_045512.2	(15466)	AA	ACCAGGTGGAACTCAT	CAGGAGATGC	CACA	ACTGCTTATGC	TAA	TAGTGT	TTTAA	CAATTGT	CAAGCTGT										
		Section 219																			
	(16133)	16133	16140	16150	16160	16170	16180	16190	16206												
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(15402)	ATT	GGGTTCTCTTA-TG	AGATTTTAATATGA	TAAATG-AG	CACGGTGGCTC	AGGCC	TGTAATCA	CAGCAC	TTTTGG											
SARS-CoV-2 Reference Genome NC_045512.2	(15540)	CAC	GGCCAAATGTTA	TGCAC	TTTATCTACT	TGATGTAA	CAAAAT	TGCGATAAGT---	ATGT	CCGCAATTTAC											
		Section 220																			
	(16207)	16207	16220	16230	16240	16250	16260	16270	16280												
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(15474)	GAG	ACCAGG---GAG	GGTAGATC	CTTGAA	GACAGGAAT	TT	CAGACCAG	CTTGCC	ACCATGGTGA	AACCCCGT										
SARS-CoV-2 Reference Genome NC_045512.2	(15611)	AA	CACAGACTTTTAT	GAGTGTC	TC	TATAGAAATAGA	GATGTT	GACACAGA	CTTTGTGA	AATGAGTTT	ACGCATAT										
		Section 221																			
	(16281)	16281	16290	16300	16310	16320	16330	16340	16354												
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(15545)	CT	CTACT	AAAAATAC	AAAAATTAG	CTGGAC	CT-TGGT	GGCAGTAT	CTGTAA	TC--TAGC	TACTCAGGAGGCTG										
SARS-CoV-2 Reference Genome NC_045512.2	(15685)	T	TGCGTAA	AA	CATTCTC	AAATGATGATACT	CTCTG	ACGATGCTGT	TGTGTGTTCAA	TAGC-AC	TTATGCATCTC										
		Section 222																			
	(16355)	16355	16360	16370	16380	16390	16400	16410	16428												
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(15616)	A	CA--CTTGAG	ATTC	ACTT---GAAC	CT---GGG	AGGT-TGC	AAGATTGCA	CCACTACAC	TCCA	GCCTGTCTCA										
SARS-CoV-2 Reference Genome NC_045512.2	(15758)	A	AGGTCTAG	TGGCTAG	CAT	AAA	GAAC	TTAA	GTCAGTTCTTT	ATTATCAA	ACAATGTTT	TATGTCTGAAGCA									
		Section 223																			
	(16429)	16429	16440	16450	16460	16470	16480	16490	16502												
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(15681)	AAA	AAAGAA	AAAATT	AATTAAT	TAAAT	TAAAT	TAAAT	TAAAT	TAAAT	TAAAT										
SARS-CoV-2 Reference Genome NC_045512.2	(15832)	AAA	TGTTGG	ACTGAG	ACTGA	CCCTT	ACTTAA	GGACCTC	ATGA	ATTTT	TGCTCTCA	AACATACAATGC									
		Section 224																			
	(16503)	16503	16510	16520	16530	16540	16550	16560	16576												
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(15753)	T	GATAA	TGA	ACCAAT	TAGA	CTC	CA	TTAT	TGTTTT	TC	AATG	CCCC	AC	TCC	CCAAATTT	GC	CACCA	TTT	AAAT	TC
SARS-CoV-2 Reference Genome NC_045512.2	(15906)	GGG	TGA-TGA	TTATG	TGTAC	CTT	C	TTA	CCCAGA	TC	CAT-CA	AGAAT	TCC	TAGGGGCC	GG	CTGTT	TTGT	AGAT	G-		

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The figure displays six genomic tracks, each representing a different section of the SARS-CoV-2 reference genome (NC_045512.2) aligned with the human chromosome 13 NC sequence. The tracks are labeled as follows:

- Section 225:** Homo sapiens chromosome 13 NC 000013.11: 34882059... (15827) SARS-CoV-2 Reference Genome NC_045512.2 (15977). SNPs at 16577, 16590, 16600, 16610, 16620, 16630, 16640, 16650.
- Section 226:** Homo sapiens chromosome 13 NC 000013.11: 34882059... (15889) SARS-CoV-2 Reference Genome NC_045512.2 (16047). SNPs at 16651, 16660, 16670, 16680, 16690, 16700, 16710, 16724.
- Section 227:** Homo sapiens chromosome 13 NC 000013.11: 34882059... (15953) SARS-CoV-2 Reference Genome NC_045512.2 (16121). SNPs at 16725, 16730, 16740, 16750, 16760, 16770, 16780, 16798.
- Section 228:** Homo sapiens chromosome 13 NC 000013.11: 34882059... (16024) SARS-CoV-2 Reference Genome NC_045512.2 (16195). SNPs at 16799, 16810, 16820, 16830, 16840, 16850, 16860, 16872.
- Section 229:** Homo sapiens chromosome 13 NC 000013.11: 34882059... (16089) SARS-CoV-2 Reference Genome NC_045512.2 (16267). SNPs at 16873, 16880, 16890, 16900, 16910, 16920, 16930, 16946.
- Section 230:** Homo sapiens chromosome 13 NC 000013.11: 34882059... (16160) SARS-CoV-2 Reference Genome NC_045512.2 (16341). SNPs at 16947, 16960, 16970, 16980, 16990, 17000, 17010, 17020.
- Section 231:** Homo sapiens chromosome 13 NC 000013.11: 34882059... (16231) SARS-CoV-2 Reference Genome NC_045512.2 (16413). SNPs at 17021, 17030, 17040, 17050, 17060, 17070, 17080, 17094.

In each track, the top line shows the human chromosome 13 NC sequence, and the bottom line shows the SARS-CoV-2 reference genome sequence. SNPs are indicated by colored boxes (yellow, green, red) above the sequences, with their positions labeled at the top of each track.

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		Section 239							
	(17613)	17613	17620	17630	17640	17650	17660	17670	17686
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(16802)	TTCTCC	TGCC	TCAGC	CTCCTG	AGTAG	CTGG	GA	CTACA
SARS-CoV-2 Reference Genome NC_045512.2 (16987)		GGCTTA	TACC	CAACA	CTC---	ATA	TCTC	AGA	-----
		Section 240							
	(17687)	17687	17700	17710	17720	17730	17740	17750	17760
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(16876)	TTAGTA	GAGAC	GGGTTC	ACCGTG	TTAG	CCAG	GA	---
SARS-CoV-2 Reference Genome NC_045512.2 (17051)		TTGGTA	TGCA	AAAG	TATTC	TA	CACTCC	AGGG	ACCACC
		Section 241							
	(17761)	17761	17770	17780	17790	17800	17810	17820	17834
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(16947)	CGGC-	CTCC	AAAG	TGCTGG	GATTAC	AGGCGT	AGACAC	CACGC
SARS-CoV-2 Reference Genome NC_045512.2 (17125)		CTCTA	CTACC	CTTC	TGCTCG	CAT-	AGTG	TATAC	AGCTTG
		Section 242							
	(17835)	17835	17840	17850	17860	17870	17880	17890	17908
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(17020)	TTTAA	TCAGT	TATG	ATAA	AACAT	CAGTT	ATGA	ACCAC
SARS-CoV-2 Reference Genome NC_045512.2 (17198)		CATTAA	AAATAT	TGTG	CCTAT	AGATAA	---ATG	TAGT	AGAA
		Section 243							
	(17909)	17909	17920	17930	17940	17950	17960	17970	17982
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(17094)	TTCA	GTAA	ATAT	TGCC	AAATG	CATT	TTAA	T---
SARS-CoV-2 Reference Genome NC_045512.2 (17268)		TAAAT	TCAA-	AGTG	AATT	CAA	CATT	AGAA	CAGTA
		Section 244							
	(17983)	17983	17990	18000	18010	18020	18030	18040	18056
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(17164)	ATGTGCT	GCCAG	TCTAA	TTAT	TTTCAA	---AAAG	TTAA	ATAT
SARS-CoV-2 Reference Genome NC_045512.2 (17337)		A-----	GCA	AGAT	ATAG	TTGT	CTTT	GATG	AAAT
		Section 245							
	(18057)	18057	18070	18080	18090	18100	18110	18120	18130
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(17232)	AATT	TCT	CAT	CTA	CCATA	GTGT	TTG	TTG
SARS-CoV-2 Reference Genome NC_045512.2 (17405)		GATT	AGT	TGC	TAA	GCA	CTAT	GTGT	ACAT

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		Section 246							
	(18131)	18131	18140	18150	18160	18170	18180	18190	18204
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(17301)	-----CTTGTGTTGT	AATTAATCAGTT	AGTGT	TT----TCATGCA	---T--AGG	GAAACACATGTT	GTTC	TC
SARS-CoV-2 Reference Genome NC_045512.2 (17479)		GGCACA	CTAGAACCAAG	AATATTCAATT	CAGTGT	TAGACTTATGAA	AACATAGG	TCCAGACATGTT	CCTCGG
		Section 247							
	(18205)	18205	18210	18220	18230	18240	18250	18260	18278
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(17359)	ATCAAGTTTC	TTTCA	GTTG-CTT	ACTTAATC	TTCTT	CACAGCTTCC	AGAAATATCT	TTACTC--CATCTG-TAG
SARS-CoV-2 Reference Genome NC_045512.2 (17553)		AAG----	TTGTCGGC	GTTGTCTG	CTGCTGAAA	-TTGTTGACA	-CTGTGAGTGC	TTTGGTTTA	TGATAATAACTTA
		Section 248							
	(18279)	18279	18290	18300	18310	18320	18330	18340	18352
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(17429)	AATTACAGGTTT	AGAA	TACAGTT--	TCCTTTCCA	--GGTTAT	TGACTCTGTTT	TCCTCTG	TGATGTTGCAATT
SARS-CoV-2 Reference Genome NC_045512.2 (17621)		AAGCACA	TAAAGACAA	ATCAGCTCAA	TGCTTTAA	AATGTTTTA	TAGGGTGT	TATCACGCA	TGATGTTCA
		Section 249							
	(18353)	18353	18360	18370	18380	18390	18400	18410	18426
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(17498)	TTTGTTCACTAGCCA	-----AGG	AGTATTA	ACTGGTG	TACTCATT	CGTTTGGGAA	CTTAATTTTTT	GGGTCTTA
SARS-CoV-2 Reference Genome NC_045512.2 (17695)		GCAA	TTACAGGCCA	CAAATAGG	CGTGGTAA	GAGAA	TCTTACACGT	AACCTGCTT	GGAGAAAAGCTGTCT-
		Section 250							
	(18427)	18427	18440	18450	18460	18470	18480	18490	18500
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(17567)	TTATTTTCCTTT	TTAGGTGACA	TTATTTT	TTTTTTAC	TGCATATAGAA	ATAAGGAATA	ACTGACACTAGATG	
SARS-CoV-2 Reference Genome NC_045512.2 (17768)		TTATTT	CAGCTTATAAT	-TCACAGAAT	GCTGTAGCCTC	-----AAGA	TTTGGGACTACCA	--ACTCAA	ACTG
		Section 251							
	(18501)	18501	18510	18520	18530	18540	18550	18560	18574
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(17641)	TTAC	TTCTCTACC	GTACCATCT	TTCCAGAAC	GCATAGAC	CTTGAC	CACAAAAT	ACAGTCATTTTTAAATAGT
SARS-CoV-2 Reference Genome NC_045512.2 (17834)		TTGATTCATCACAG	GCTCAGAA	TATGACTATGT	CATATTCA	-----CT	CAAA	CCACTG	-----AAAACAGC
		Section 252							
	(18575)	18575	18580	18590	18600	18610	18620	18630	18648
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(17715)	TGTGCTTGA	TTTCTTGT	TGTTAAC	TTCTATGA	TGATGCTGC	ACGGTATAGTAA	AAATAGAT	GAGCATATTAT
SARS-CoV-2 Reference Genome NC_045512.2 (17895)		TC-----AC	CTTGTAA	TGTAAC	-----AGAT	TTAATGTTGC	TATTACCAGAGC	AAAAGTAG	-GCATAC

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		Section 253									
	(18649)	18649	18660	18670	18680	18690	18700	18710	18722		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(17789)	TTTAAAGTATTTTTCATGCTTTTACAGGCTTTGTTTGC	TGTGTAAGGT	TTGAACA-CTAAGT	GAT	AATGACC					
SARS-CoV-2 Reference Genome NC_045512.2 (17957)		GCATAAATGTCTGATAGAGCCTTTATGACAAGTTGCAA--TTTACAAAGTC	TTGAATT	CCACGTAGG	AATGTGG						
		Section 254									
	(18723)	18723	18730	18740	18750	18760	18770	18780	18796		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(17862)	CATAAT-ATAAACTAATTCATGCTCATAGATCCCTCCAAAGTAGG	GATTTCGAGTAAATTAGAG	TTAAGGTAA	TCAC	TG	GGT	TTT	TT		
SARS-CoV-2 Reference Genome NC_045512.2 (18029)		CAACTTTACAAAGCTGAAA-ATG-TAACAGGACTCTTTAAAGATT	GTAGTAAGGTAA	TCAC	TG	GGT	TTT	TT	TT		
		Section 255									
	(18797)	18797	18810	18820	18830	18840	18850	18860	18870		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(17935)	CA-ACCGAGCAACTTTTTCTTAGAGCACAGAACAACTGCAATC	CTCTGCC	TTGATGCGGG	GAG----	CTGCAATT					
SARS-CoV-2 Reference Genome NC_045512.2 (18101)		CACAGGCACCTACACACTCAGTGTGACACTAAATTCAAACTGAAGG	TTTATGTGTT	GACATAC	CTG	GCA	TTA				
		Section 256									
	(18871)	18871	18880	18890	18900	18910	18920	18930	18944		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(18004)	GCTGAAGGTA-GATACGTTTCACGACCTAAGTTAGAGTTTAG	CCCTTAAACC--TTAC	CAAGGGT	ATCATTTCAA						
SARS-CoV-2 Reference Genome NC_045512.2 (18175)		CCTAAGGACATGACCTATAGAAAGACTCCTCTATGATGGGTTT	TAAATGAA	TTATCAAGTTA	ATGGTTACC						
		Section 257									
	(18945)	18945	18950	18960	18970	18980	18990	19000	19018		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(18074)	CAGCCATCTACCTCACCACCTAAAGCAGGAAACGAAATGTCTTT	CTTCTT--TTGT	CATTGGCTTTCTA	CTCCA						
SARS-CoV-2 Reference Genome NC_045512.2 (18249)		TAA-ATGTTTATCACCCTGAA-GAAGCTATAAGACATGTACGT	GCATGGA	TTGCTTCGATG	TCAGGGGT						
		Section 258									
	(19019)	19019	19030	19040	19050	19060	19070	19080	19092		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(18145)	TTAATACTA-TAGAGAA-TA-GTTGGTA-TAATGTAAAT-ATAG--	AGCCTCTTCCCA	AGGT-TAAATGG	GTT						
SARS-CoV-2 Reference Genome NC_045512.2 (18320)		GTCATGCTAC-TAGAGAA-GCTGTTGGTACCATTACCTTTACAGCT	AGGTTTTTC	TACAGGT	TTAACTAGTT						
		Section 259									
	(19093)	19093	19100	19110	19120	19130	19140	19150	19166		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(18213)	GTTATATTTTGTCTTTCA	CACACACAAA	AAAGACCTCC	TGCTTCTTTT	TTCC	TTCAAG	CAGGGA	AAAGTGGCA	AG	
SARS-CoV-2 Reference Genome NC_045512.2 (18394)		GCTGTA-----CTACA	GTTATGTTGATAC	ACCTAATA	TACAGATTTT	TTCCAG					

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		Section 260									
	(19167)	19167	19180	19190	19200	19210	19220	19230	19240		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(18287)	TCTGTCTTGAACCA	TTG--TG	CCTTTCACATTTCTC	CTCCCAAAGCCATTTAAGCTC	CCTTCGACCTTGCTTCTCT					
SARS-CoV-2 Reference Genome NC_045512.2	(18446)	TTAGTGC	TAAACCACCGCTG	GAGATCAATTTAAA	CACTCATACCACTTA	TGTACAAAGGACTTCCTT	GGA-				
		Section 261									
	(19241)	19241	19250	19260	19270	19280	19290	19300	19314		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(18359)	ATTTC	AAGAGG-TCTTTTCTTT	TACAA	TTTGCA	TAACTTAAAGG--TATCTATCTCTCA	TAAACAAGAA	AAACCCATTTG			
SARS-CoV-2 Reference Genome NC_045512.2	(18518)	ATGTAGTGC	GTATAAAGATTTG	TACA	AAATGT-TAAAGTGACACACTTAAAA	ATCTCTCTGACAGAGTC	GTATTGT				
		Section 262									
	(19315)	19315	19320	19330	19340	19350	19360	19370	19388		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(18430)	CCT---	GGAAGGTGTGTTGGAGTTTC	CACTTCTCA	ACCTAATAA--AGACTTCTT	TGCAGTTTTTTAAATTAATG	AA				
SARS-CoV-2 Reference Genome NC_045512.2	(18591)	CTTATGGGCACA	TGCTTTGAGTTGACATCTATGAAGTATTTTGTG	AAAATAGGACCTGAGCGCACTTGT	TGTC						
		Section 263									
	(19389)	19389	19400	19410	19420	19430	19440	19450	19462		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(18498)	-ATGTGAGAGAC	TGGGAG-----TTA	CACTCTGTCA	TCATGCTCCGGCTTTT	CAAAACCC--ATGGGT					
SARS-CoV-2 Reference Genome NC_045512.2	(18665)	TATGTGATAGAC	GTGCCACATGCTTTT	CACTGCTTCAGACA--CTATGCTGTTGGCATC	ATTCTATGGAT						
		Section 264									
	(19463)	19463	19470	19480	19490	19500	19510	19520	19536		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(18564)	CTGGGA	AA---TCTGATACAAATTC	TGCATAGTCTG	CAAGACATAGTGCTATGCATT	TATTGCAATTC	AAGTTGTT				
SARS-CoV-2 Reference Genome NC_045512.2	(18737)	TGATTACGTC	TATAATCGTTATGATGATGTTCAACA-ATGGGT	TTTACAGGTAACTACA-AAGCAACC							
		Section 265									
	(19537)	19537	19550	19560	19570	19580	19590	19600	19610		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(18635)	TTCATCCAAATTG---	AGTGC-TG	ACTGTGTACCTGGCTCTGTCTGTCAATGAA	CAACAAGACAAAACTTTCT						
SARS-CoV-2 Reference Genome NC_045512.2	(18809)	ATGATCTGTATTGTCAAGTCCATG	GTAATGACATGTAGCTAGTGTGATGC	AATCAATGACTAGGTGTCTAGCT							
		Section 266									
	(19611)	19611	19620	19630	19640	19650	19660	19670	19684		
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(18705)	CCCTCATCCAAC	TAGTAAAGGAGCAC-CTGTCCTGAAC	AAAATGAGGAAGTTAAATGTG	TATTATATAGCTG						
SARS-CoV-2 Reference Genome NC_045512.2	(18883)	GTCCACGAGTGCTTTGTAA	CGGTGATGCTGAACTATTGAAATATCCTAT	AATTGGTGTGAAC	TGAAGATTAA						

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															Section 267																												
															(19685)	19685	19690	19700	19710	19720	19730	19740	19758																				
Homo sapiens chromosome 13 NC_000013.11: 34882059...															(18778)	TGAATAC	TATTA	AAAA	AAAAAA	AAAGG	AAAAG	GGGAG	AGATT	TGGAG	AGCTAGG	G	TAGAG	AGAGC	TGTAA	AGT	CATT	TTCA	G										
SARS-CoV-2 Reference Genome NC_045512.2															(18957)	TGCGGCT	TGTAG	AAA	GGTTC	AA	CAC	ATGGTT	GTTAA	AGC	TGC	ATTATTA	GC	AGACA	AAAT	TCCC	AGT	TTC	TTCA	C									
															Section 268																												
															(19759)	19759	19770	19780	19790	19800	19810	19820	19832																				
Homo sapiens chromosome 13 NC_000013.11: 34882059...															(18852)	G-CAAA	GTT--	CC--	AAAG	GAA	GG	AAG	AGTGT	--	TAC	AG	GCA	AAG	ACT	AATGGAAG	GAAC	AG	GCC	TGG	AG	ACT							
SARS-CoV-2 Reference Genome NC_045512.2															(19030)	GACATT	GGTAA	CCCT	AAAG	CTATT	AAGT	GTGT	ACC	TCA	AG	CTG	ATG	TAG	AATGGAAG	TTCT	ATGA	TG	CA	AGC									
															Section 269																												
															(19833)	19833	19840	19850	19860	19870	19880	19890	19906																				
Homo sapiens chromosome 13 NC_000013.11: 34882059...															(18918)	GGAG	CA-TGC	CTGG	GGTT	TAGAA	GAACT	GCAA	GG	AAG	CTAA	AGA	TAA	GAA	CC	CAG	AA	ACT	-ACA	GCA	-CTT	AG							
SARS-CoV-2 Reference Genome NC_045512.2															(19103)	CTTGT	AGTG	ACAAA	GCTT	ATAAA	TAGA	AG	-AA	TTATT	CTA	TTCT	TAT	GC	-CAC	AC	ATTCT	GACA	AA	TT	CAC	AG							
															Section 270																												
															(19907)	19907	19920	19930	19940	19950	19960	19970	19980																				
Homo sapiens chromosome 13 NC_000013.11: 34882059...															(18989)	A	ACTCC	TATGA	CTA	ATAT	TATG	ATT	TC	GCA	TTT	TC	TTT	TTTT	TAT	TTT	TAT	TTT	ATT	TTT	ATT	TT	ATTT						
SARS-CoV-2 Reference Genome NC_045512.2															(19175)	A	TGGTG	TATGC	CTA	T	T	T	GGA	ATT--	GCA	ATG	TC	GAT	AGA	TAT	CC	TGC	TA	-ATT	CC	ATT	G	-	-	TT	G	TAG	ATTT
															Section 271																												
															(19981)	19981	19990	20000	20010	20020	20030	20040	20054																				
Homo sapiens chromosome 13 NC_000013.11: 34882059...															(19063)	A	TTTA	TTT	AT	TAT	TAT	TAT	AC	T	TAA	G	TT	T	TAG	GGT	ACA	TGTG	CA	CAA	TGT	GCAG	G	T	ACT	TACA	TATG	TAT	AC
SARS-CoV-2 Reference Genome NC_045512.2															(19243)	GACAC	TAG	AG	TGC	TAT	CTA	AC	C	TAA	CTT	GCCT	GGT	---	TGTG	-	ATGG	TG	GCAG	TT	G	--	TATG	TAA	TAA	AC			
															Section 272																												
															(20055)	20055	20060	20070	20080	20090	20100	20110	20128																				
Homo sapiens chromosome 13 NC_000013.11: 34882059...															(19137)	ATG	TGC	CAT	G	CTGGT	GTGTTG	CAC	C	CAC	TAA	CTT	G	T	CAT	CT	AG	CATT	AG	GTAT	TAT	CT	CCC	AAT	GTCT	AT	CCC	T	CC
SARS-CoV-2 Reference Genome NC_045512.2															(19310)	ATG	---	CAT	T	C	-----	CACA	CAC	C	AG	CTT	T	T	GAT	AAA	----	AG	TGC	T	T	T	GTTA	AAT	T	TAA	AA	CA	ATTA
															Section 273																												
															(20129)	20129	20140	20150	20160	20170	20180	20190	20202																				
Homo sapiens chromosome 13 NC_000013.11: 34882059...															(19211)	CC	CC	T	CCC	CC	CACC	C	CACA	ACAGTCC	CCA	-	GAGT	G	T	GATG	TTCCC	C	TTCCT	GTGTC	CATG	G	GT	TCTC	ATT	G	TTT		
SARS-CoV-2 Reference Genome NC_045512.2															(19366)	CC	AT	T	TTT	C	TATTAC	TCTG	ACAGTCC	ATGT	GAGT	C	T	CATG	GAAAA	CAAGTA	GTGTC	A	--	GAT	TATAG	ATT	A	T	G	T			

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																			Section 274																																										
	(20203)	20203	20210	20220	20230	20240	20250	20260	20276																																																				
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(19284)	AATT	CCC	ACCT	TATG	AGT	GAG	AA	TAT	GCGGT	GTT	TGGT	TTTT	TTT	GTCT	TGCG	GATAG	TTT	AC	TG	AAAA	TG	ATGAT																																						
SARS-CoV-2 Reference Genome NC_045512.2 (19437)		ACCA	CTA	AAG	TC	TGC	TAC	GTG	TAT	AACAC	GTT	GCAA	TTT	AG	GT	GG	TGCT	G	TCT	GT	AG	AC	T	ATGC	T	ATGA	G																																		
																			Section 275																																										
	(20277)	20277	20290	20300	20310	20320	20330	20340	20350																																																				
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(19357)	TT	CA	ATT	TC	ATC	CAT	GT	CC	T	CAA	-AG	GACG	TGA	A	CT	CAT	C	ATTT	TTA	AG	CTT	TC	--	TT	G	AC	----	CC	T																															
SARS-CoV-2 Reference Genome NC_045512.2 (19510)		T	A	CAG	ATT	GT	ATC	TC	GA	T	G	CT	T	A	TAA	CA	TGA	--	TGA	T	CT	CA	G	CT	GGC	TTT	AG	CTT	GT	GGG	TTT	AC	AA	CA	ATT	T																									
																			Section 276																																										
	(20351)	20351	20360	20370	20380	20390	20400	20410	20424																																																				
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(19421)	G	T	T	G	C	A	T	C	T	G	A	T	C	T	A	A	G	A	C	T	C	G	T	A	G	C	A	C	A	A	A	A	G	G	A	G	--	TT	AG	A	A	G	C	A	T	CC	----	T	T	C										
SARS-CoV-2 Reference Genome NC_045512.2 (19582)		G	A	T	A	C	T	A	T	A	ACC	T	C	T	G	AA	C	A	C	T	T	T	A	C	A	A	G	A	C	T	C	A	G	AG	TTT	AG	AAAA	T	G	T	G	C	TTTT	AA	T	G	T	T	G	T	AAA	T	A	A							
																			Section 277																																										
	(20425)	20425	20430	20440	20450	20460	20470	20480	20498																																																				
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(19490)	A	G	C	A	T	T	C	C	C	T	G	A	A	G	C	T	T	A	G	G	C	A	G	T	G	T	A	T	T	C	T	G	A	C	A	A	C	C	T	C	A	---	T	G	A	A	A													
SARS-CoV-2 Reference Genome NC_045512.2 (19656)		G	G	G	A	C	A	C	T	T	T	G	A	T	G	G	A	C	A	G	G	G	T	G	T	A	A	G	T	A	C	C	A	T	T	T	C	A	T	T	T	C	A	T	A	A	A	G	T	G	A	T	G								
																			Section 278																																										
	(20499)	20499	20510	20520	20530	20540	20550	20560	20572																																																				
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(19561)	C	C	T	TT	TT	TG	G	A	T	C	T	A	T	T	TT	TG	TTTT	T	C	T	T	AC	--	C	C	T	TG	CT	G	T	G	T	T	C	G	T	A	--	ATT	---	G	C	T	T	C	A	C	G	A	T	C									
SARS-CoV-2 Reference Genome NC_045512.2 (19730)		G	T	G	TT	GA	TG	T	A	GA	AT	T	G	TTT	G	AAA	A	T	AAA	AC	AA	C	AT	T	A	C	CT	GT	T	A	AT	G	T	A	GC	ATT	TG	A	G	C	T	T	TG	G	C	T	A	A	G	C	G	C									
																			Section 279																																										
	(20573)	20573	20580	20590	20600	20610	20620	20630	20646																																																				
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(19628)	T	C	A	T	T	G	A	C	A	G	A	T	G	C	A	A	G	G	C	T	G	A	C	CC	AC	G	C	A	G	A	C	T	C	T	G	A	A	T	G	A	A	T	G	A	C	CC	T	G	A	G	G	G	A	T	C					
SARS-CoV-2 Reference Genome NC_045512.2 (19804)		A	A	C	A	T	T	A	A	C	C	A	G	T	A	CC	A	G	A	G	G	T	G	A	AA	AT	AC	T	C	A	A	T	A	T	T	T	G	G	T	G	T	G	A	C	AT	T	G	C	T	A	--	T	A	C	T	G	A	T	C		
																			Section 280																																										
	(20647)	20647	20660	20670	20680	20690	20700	20710	20720																																																				
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(19702)	T	G	G	G	C	C	T	T	C	T	G	G	A	C	T	C	T	T	C	A	T	T	C	T	G	G	C	T	G	A	A	ACT	-CT	G	T	-G	CCC	T	ACT	TT	G	A	G	G	G	T	T	G	A	ACC	C	T	C	A	G	G	G	A	A	
SARS-CoV-2 Reference Genome NC_045512.2 (19876)		T	G	G	G	A	C	T	A	C	AAA	A	G	A	T	G	C	T	C	C	A	G	C	A	C	A	T	A	T	A	T	CT	A	CT	AT	T	G	G	T	G	T	T	T	G	T	CT	AT	G	A	C	TGA	---	C	A	T	A	G	C	C	A	A

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		Section 281							
	(20721)	20721	20730	20740	20750	20760	20770	20780	20794
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(19774)	GAAAGG	TAACTT	AGGA-ATT	CTCGTT	GCCTCAT	TGCTCAT	TCTCTGA	GCTACCTTAGCACC
SARS-CoV-2 Reference Genome NC_045512.2 (19947)		GAAAGG	CAACTG	AACGATT	TGTGCAC	CACTCA	TGTCCTTT	TGTGAT	GTAGACTTA
		Section 282							
	(20795)	20795	20800	20810	20820	20830	20840	20850	20868
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(19846)	GCAATCC	TGTCCT	-----T	---TCTTT	TATTTCA	CAAA---CC	TCAAA	TTTGGTGACAGAG
SARS-CoV-2 Reference Genome NC_045512.2 (20020)		TTTGA	AAATG	GTGTT	TCTTAT	TACAG	AAAGGTAGT	GTAAAGG	TTTACACATC
		Section 283							
	(20869)	20869	20880	20890	20900	20910	20920	20930	20942
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(19907)	ACAGG	---GACTTA	---GAGTCA	---TGGTT	GAAACAAG	---AAGGG	CTGTAC	GTTCAGATGCCT
SARS-CoV-2 Reference Genome NC_045512.2 (20094)		ACAGG	CTAGTCTTA	ATGAGTCA	CATTAA	TTGGAAG	CCGTAA	AAACA	CAGTTCAATT
		Section 284							
	(20943)	20943	20950	20960	20970	20980	20990	21000	21016
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(19967)	CTACT	CCGGTC	ACATAT	GTGTCAGC	GAGAA	TTAGAT	TAAAGT	GAGAGAGAG
SARS-CoV-2 Reference Genome NC_045512.2 (20168)		ATGGT	TGTTGTC	CAACA	ATTACCT	GA-AACTTA	CTTTACT	AGAGTAG	AAATTTAA
		Section 285							
	(21017)	21017	21030	21040	21050	21060	21070	21080	21090
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(20034)	GTC	TTT	AGGGGA	AGCAAT	TTCTCAG	ATCTAGC	-----AGTC	ATTGAAAT
SARS-CoV-2 Reference Genome NC_045512.2 (20240)		GTC	A--AAT	GGAATT	GATTTCT	TAGAAT	TAGCTAT	GATGAAT	TCATTGAA
		Section 286							
	(21091)	21091	21100	21110	21120	21130	21140	21150	21164
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(20100)	TTT	CCAAAT	CTTAT	CGTAAAG	-ACAAGAC	AGCAAT	--C	CAAA
SARS-CoV-2 Reference Genome NC_045512.2 (20312)		CCCT	TGGAA	-CATAT	CGTTAT	GGAAGAT	TTTTAGTC	ATAGT	CAGT
		Section 287							
	(21165)	21165	21170	21180	21190	21200	21210	21220	21238
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(20163)	T-----	TTTAA	TGCTGA	CAACTAGT	-AAT	CCCCC	AAAAC	AAACAA
SARS-CoV-2 Reference Genome NC_045512.2 (20385)		TAAACG	TTTAA	GGAAT	CACCTTT	TGAAT	TAGAAG	ATTTT	ATTCCT

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												Section 288													
		(21239)	21239	21250	21260	21270	21280	21290	21300	21312															
Homo sapiens chromosome 13 NC_000013.11: 34882059...		(20230)	AATTACAC-----CAAACAAGAGCTATCTGTA-GCC	TGGGTTCTGCCTGGGGGCTCTCATTTCTATGAC	TTCT--T																				
SARS-CoV-2 Reference Genome NC_045512.2		(20457)	CATAACAGATGCGCAAACA	GTTTCT-ATCTAAGTGTG	TGTGTTCTGTTATTGATT	TATTACTTGTATGATGATTTTGT																			
												Section 289													
		(21313)	21313	21320	21330	21340	21350	21360	21370	21386															
Homo sapiens chromosome 13 NC_000013.11: 34882059...		(20296)	GAAACAATCATCTTTGATCCCTGTCACTC-ATTGTC	CA----TTTCA	TG	GTGTTTGTGGGAGTTTAA	AAATTTT																		
SARS-CoV-2 Reference Genome NC_045512.2		(20530)	GAAATAAATAAA	TCCCAAGATTTATCTGTAGTTCTTAAGGT	TGTCAAA	GTGACTATTGACTATAC	AGAA	TTT																	
												Section 290													
		(21387)	21387	21400	21410	21420	21430	21440	21450	21460															
Homo sapiens chromosome 13 NC_000013.11: 34882059...		(20365)	AAATAAGATGTGGAACAA	GATGGCAATAA	TTTCTAAA	TTGCATGTCACC	CTGATTATTAGCAGTGG	CTGC																	
SARS-CoV-2 Reference Genome NC_045512.2		(20604)	ATTATATGCTTTGGTGT	AAAGATGGCCA----	TGTAGAAA---	CATTTTACC-CAA	ATTACAATCTA-GT	CAAG																	
												Section 291													
		(21461)	21461	21470	21480	21490	21500	21510	21520	21534															
Homo sapiens chromosome 13 NC_000013.11: 34882059...		(20439)	CGTGAGCAC	TACATTTAGG	ATTCTGAGGCTGTTT	CTAGGTCTGCAG	AAAAAGCAT-GTG	TAA	ATTATC	AA	GT														
SARS-CoV-2 Reference Genome NC_045512.2		(20669)	CGTGGCA	ACCG-----GG----	TGTTGCTATGCTAA-	TCTTTAC	AAAA	TGCAAG	GAA	TGCT	ATTAGA	AAAGT													
												Section 292													
		(21535)	21535	21540	21550	21560	21570	21580	21590	21608															
Homo sapiens chromosome 13 NC_000013.11: 34882059...		(20512)	TGAATGATGGT	ACACAA	GGCC	TG	TATT	TGCAA--TT	CCCCAA	CA	AATCCCCATGAA	GT	TAGTGT	TGGT	G										
SARS-CoV-2 Reference Genome NC_045512.2		(20732)	GTGACCTT	CAAA	ATTAT	GG--TG	ATAG	TGCAA	CATT	ACC	TAAAGGC	A	AATG---	ATGAA	TGT	CGCAA	AATATA								
												Section 293													
		(21609)	21609	21620	21630	21640	21650	21660	21670	21682															
Homo sapiens chromosome 13 NC_000013.11: 34882059...		(20584)	CTTGAAT	TAATGATTT	CAGTTAG	TCCTCCTT	T-CT	TAGCTCTT	TAAT	TCA	AGTGTGCTTCTC	T	CATC	T	A	C	T	A	C	T					
SARS-CoV-2 Reference Genome NC_045512.2		(20801)	CTCAAC	TGTG	TCAAT	ATTTAA	ACAGAT	TAA	CATT	AGCTGTAC	CCCTA	TAAT	ATG	AGAGT	TATAC	ATTTGGT	GTCT								
												Section 294													
		(21683)	21683	21690	21700	21710	21720	21730	21740	21756															
Homo sapiens chromosome 13 NC_000013.11: 34882059...		(20657)	GTTCCCA	---AGG	CC	TGG	G	AAATGG	AGCA	CTG	AC	TTT	CAG	CGAA	TGG	CG	GAGG	CG	GGG	G	TGG	G	TG	GGG	GTC
SARS-CoV-2 Reference Genome NC_045512.2		(20875)	GGTTCTGA	TAAAGG	AGTTG	CA	CCAG	GTACAG	CTG	T-TTTT	AAGACAG	TGG	TTG	CC	TAC	GGG-T	AC	G	CTG	CTT	GTC				

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		Section 295									
		(21757)	21757	21770	21780	21790	21800	21810	21820	21830	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(20728)	(21757)	CTGC	CAGGTCATCAGG	TGTTCTTTG	CTTATAA	CTCATGAGGCAT	AAATCAAGCCAATGCA	TTCAAC	ACTTACAG	GA
SARS-CoV-2 Reference Genome NC_045512.2	(20947)	(20947)	GATT	CAGATCTTAA	--TGA	CTTTGT-----	CTC-TGATGCAGA	-----	TTCAAC	TTTGATT	G-
		Section 296									
		(21831)	21831	21840	21850	21860	21870	21880	21890	21904	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(20802)	(21831)	GGAGA	GTAACTGATCTATCACT	CAGACA	CTGTAT	AATTTTT	TCAGATTTC	TTGTGAT	--GTA	AAATA
SARS-CoV-2 Reference Genome NC_045512.2	(20996)	(20996)	-----	GTGAT	TGTGCACTGTACA	TACAGCT	AATAA	AATGGGA	TCTCATTAT	TAGTGAT	ATGTA
		Section 297									
		(21905)	21905	21910	21920	21930	21940	21950	21960	21978	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(20874)	(20874)	AGC	AAAGT	TGTAC	TACTAGACC	AATCAGG	CTCCAGAT	GAT	AAATATTT	TATCTGAGTT
SARS-CoV-2 Reference Genome NC_045512.2	(21064)	(21064)	ACT	AAA	AA	TGT--TAC	AAAAGAA	-AATG	ACTCTAA	AGAGGGTTTT	TTCAC
		Section 298									
		(21979)	21979	21990	22000	22010	22020	22030	22040	22052	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(20948)	(20948)	ATTTT	AA	TATAT	C	AAAATGAGT	TTTACTTT	TGGA	ATAAAA	ATGAC
SARS-CoV-2 Reference Genome NC_045512.2	(21134)	(21134)	AA---	AA	GC	TAGCTCTTG	GAGGTT	CTCGTGG	CTATA	AAAGAT	ACAGA
		Section 299									
		(22053)	22053	22060	22070	22080	22090	22100	22110	22126	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(21019)	(21019)	TTAAAGAGAAAC	----	AT	AAAAAC	CAACAC	TG	AAAC	AA	CC
SARS-CoV-2 Reference Genome NC_045512.2	(21205)	(21205)	CTCAT	TGGGACAC	TTTCGC	AT	GGTGGA	CAGGCT	TTGTT	ACT	AA
		Section 300									
		(22127)	22127	22140	22150	22160	22170	22180	22190	22200	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(21081)	(21081)	--GTTT	TAGTTCT	TGATAGGG	AAAC	TGAAC	CGAA	GAAA	GTAAT	TG
SARS-CoV-2 Reference Genome NC_045512.2	(21279)	(21279)	TG	GATGTAA	TTAT	CT--T	TGGCA	AAAC	C--AC	GGAA	CAAA
		Section 301									
		(22201)	22201	22210	22220	22230	22240	22250	22260	22274	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(21151)	(21151)	TTAGAGG	TAA	GAGCAT	TTTG	AATGTT	AAAGAA	ATATA	TATT	TT
SARS-CoV-2 Reference Genome NC_045512.2	(21348)	(21348)	TTG	GAGG-AA	TACAA	ATCC	AATTC	AGTT	GTCT	TCC	TATT

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											Section 302				
	(22275)	22275	22280	22290	22300	22310	22320	22330	22348						
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(21223)	ATTTCT	TAT	TAGAAAA	ATGCTAGC	AAATAG	ATAAGT	TCTTAC	CTACTAAT	TCACTCTGTTTTC	TCATAATCTTCT				
SARS-CoV-2 Reference Genome NC_045512.2	(21421)	AGGGG	TAC	TGCTGTT	ATGTCTTT	AAA---	AGAAGG	TCAAAT	CAATGATA	TGATTTATCTCT	TCTTAGTAAA--				
											Section 303				
	(22349)	22349	22360	22370	22380	22390	22400	22410	22422						
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(21297)	GACAAA	ATTTTC	AGTCA	AAGTAAT	CAATGG	TCTGCAAGC	TCCAGT	TTCCAA	CAATTGCT	TAACTCAGT	AAC	AAC		
SARS-CoV-2 Reference Genome NC_045512.2	(21490)	GGTAGA	CTTAT	AATTAG	AGAAAA	CAACAG	GAGTTG	TATTTCT	AGTGATGTT	C--TTGT	TAACAAC	TAAC	GAAC		
											Section 304				
	(22423)	22423	22430	22440	22450	22460	22470	22480	22496						
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(21371)	ATCAAC	TACTTT	GAGTCA	AATAG	GTAGTAGT	TGGCTAT	TATGTG	ATTTAG	ACCACATAT	AGAGG	ATT	TGA		
SARS-CoV-2 Reference Genome NC_045512.2	(21562)	AATGTT	TGT	TTTCT	TGTTTAT	T--GCC	ACTAGT	CT--CTAG	TCA	GTTGTGTTA	ATCTTACA	ACC	AGA--ACTCA		
											Section 305				
	(22497)	22497	22510	22520	22530	22540	22550	22560	22570						
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(21445)	TATAAAAA	AATCTCC	CCACAA	TGCCCA	AAATCT	TCTCTTT	CATCAAC	CACGAT	GTTGAT	GCCTGA	AACTCAG	CAAT		
SARS-CoV-2 Reference Genome NC_045512.2	(21632)	TTACCC	CTGCA	TACACT	AATCTCTT	CAAC	CGTGGT	TGTTTAT	TACCTG	ACAAAG	TTTTCAG	ATCCTCAG	TTTT		
											Section 306				
	(22571)	22571	22580	22590	22600	22610	22620	22630	22644						
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(21519)	-CAGA	CTCCT	TCTGA	ATT--TT	TAATAT	TATTTG	CAATATT	GTGTTAA	TTGGAG	TATCAA	AATGTC	AT	TG	TCT
SARS-CoV-2 Reference Genome NC_045512.2	(21706)	A	CATTCA	ACTCAG	GAC	TTGTTCT	TACCTT	TCTTCA	ATGTTAC	TTGGTTCC	ATGCTAT	ACATGTC	CTC	TG	GGGA
											Section 307				
	(22645)	22645	22650	22660	22670	22680	22690	22700	22718						
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(21591)	TTGAG	ACTAT	TAA	AA	-----	ATAGTG	CTTCAA	TATAAAC	TATTTAT	TGTCTAC	AGTACAT	TTCTTCC	ATT	ATT
SARS-CoV-2 Reference Genome NC_045512.2	(21780)	CCAAT	TGGTAC	TAA	GAGG	TTTG	ATAACC	CTGTCC	TACCA	TTTAA	TGATG	TGTGTTT	ATT	T--TG	CTTCCACTG
											Section 308				
	(22719)	22719	22730	22740	22750	22760	22770	22780	22792						
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(21660)	TGAT	TCTG	ATTAT	ATAGA	TTTCTT	CCAA	TTGTA	ACT--TG	TAGGTAG	CTAATGG	CATTG	CAAAA	TAATTT	TTGT
SARS-CoV-2 Reference Genome NC_045512.2	(21852)	AGTCT	TAAC	ATAATA	-AGA	GGCTG	GATTTT	TTG	GTACTAC	TTTAG	ATTG	AGAC	CAGTCC	CC--TAC	TTATTGT

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																		Section 309														
																		22793	22800	22810	22820	22830	22840	22850	22866							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(21732)	CC	ATA	GACA	TG	CAAC	TG	AAC	TG	TTCT	CCC	GTG	TG	GAA	AA	AAAT	AG	TTTTGT	C----	TCCATTT	--	GCACA	TTTA									
SARS-CoV-2 Reference Genome NC_045512.2	(21922)	TA	ATA	ACGC	TAC	TAA	TGT--	TGTTAT	TAAAG	TC	TG	TG	AA	TTTC	AA	TTTTGT	AATGA	TCCATTT	TT	GGGTG	TTTA											
																		Section 310														
																		22867	22880	22890	22900	22910	22920	22930	22940							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(21800)	TTT	CA	AT	AGT	CTT	GAT	CTAG	AAA	TGT	GTCT	GT	TAA	ATT	GTTT	TTTTG	GAT	TTTCT	TTT	TGA	AT	TGCTT	ATAAT									
SARS-CoV-2 Reference Genome NC_045512.2	(21994)	TTA	CC	ACA	AAA----	AA	CA	CA	AAA	AGT	TG--	GAT	GGA	AA	AGT	GAT	GTT	CA--	GAG	TTT	ATTT	CT--	AGTGC	GA	ATAAT							
																		Section 311														
																		22941	22950	22960	22970	22980	22990	23000	23014							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(21874)	AT	CT	GCC	TAG	T--	TCT	CTC	CACT	GA	ACAA	TGAG	TTA	AGT	AAGA	TCTTT--	AA	TACAT	G	TTGCT	TTT	AT	ATC	TG	TAT	G						
SARS-CoV-2 Reference Genome NC_045512.2	(22058)	TG	C	ACTT	TT	GAA	TAT	G	CT	CT	CAG	C	CT	TTTC	TTA	T	GAC	CT	TGAAGG	AAA	ACAG	G	G	TAAT	TT	CA	AAA	AT	CT	TAG		
																		Section 312														
																		23015	23020	23030	23040	23050	23060	23070	23088							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(21946)	A	G	TCA	T	GAT	TT	TT	ACT	TCT	TT	TTGA	AAA	TTAT	C	TTT	TAA	TG	ATAT	T	TTCT	AT	TTTG	AT	CA	AT	TAT	AA	ATT	CT	TGA	C
SARS-CoV-2 Reference Genome NC_045512.2	(22132)	G	GAAT	TT	TG	T	TT	TAAGAA	TAT	TTGA	TGG	TTAT-	TTT	AAA--	ATAT	AT	TTCT	TA	AGCAC	A	CGCC	TAT	T	AAT	T	AG	TG	C				
																		Section 313														
																		23089	23100	23110	23120	23130	23140	23150	23162							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(22020)	AA	G	TAA	T	CC--	A	ATA	TTT	ATC	CA	CATT	TAT	GAA	AAAA	G	ACCC	TTTGA-	AAA	AGTA	AGA	AAC	T	GAT	TA	ATAAT	T					
SARS-CoV-2 Reference Genome NC_045512.2	(22203)	GT	G	ATC	T	CC	TC	AGGG	TTTT	TC	GG	CT	TT	AGA	ACC	ATTG	G	TAGA	TTTG	CC	AA	TAG	GT	ATT	AAC	AT	CA	CTA	GG--	T		
																		Section 314														
																		23163	23170	23180	23190	23200	23210	23220	23236							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(22091)	TT	G	CA	AT	TTT	AT	TT	TA	TT	C	TAC	CA	AA	AT	GTT	GTT-	GA-	TAAAT	GTG	T	TTCT	GAAA	AGT	ATA	TT	CC	ACAGCT	ATG			
SARS-CoV-2 Reference Genome NC_045512.2	(22275)	TT	CA	AA	C	TTT	AC	TT	GC	TT-	TAC	AT	AG	AA	GTT	ATT	T	GAC	T	CCTG	GTG	AT	TTCT	TCTTC--	AGG	TT	GG	ACAGCT	G--			
																		Section 315														
																		23237	23250	23260	23270	23280	23290	23300	23310							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(22163)	T	GT	C	CTG	ACCTA	T	TTAT	CCTTAA	ATCTT	ATTT	AA	CT	TCAA	AA	TTTT	GG	AAA	ATGTA	ATAA	G	GAAAAT	A-	AAC	A							
SARS-CoV-2 Reference Genome NC_045512.2	(22344)	-	GT	G	CTG	CAGCT	T	AT	TTAT	GTGGGT	ATCTT	CA--	AC	CTAGG	AC	TTTT	CT	ATT	AAAAT	ATAA	T	GAAAAT	GG	AAC	C							

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												Section 316												
		(23311)	23311	23320	23330	23340	23350	23360	23370	23384														
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(22236)	ATTA	AAAAGCAAT	TTAA	AAAGTAATTA	TTGAG	CACGT	CTCTATTTC	CAGACT	--T	GCTCAAAT	ATCTG	ACCAA											
SARS-CoV-2 Reference Genome NC_045512.2	(22415)	ATTA	CAGATGC	TGTAGA	CTGTGCAC	TTGAG	CCCTCT	TCTC	AGAAA	CAAGT	GTACGT	TGA	AAATCCTT	CACGT										
												Section 317												
		(23385)	23385	23390	23400	23410	23420	23430	23440	23458														
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(22307)	GGA	TCCC	GGTAT	GCGTCTCACT	TTTGA	AAAGCCCT	TTTAAG	AGTCCAT	CTAAG	AGCAAA	TTCAT	TTCTCTAG	CAT										
SARS-CoV-2 Reference Genome NC_045512.2	(22486)	AGA	AAAA	GGAT	CTACTCAAA	ACTTCTAAC	-----	TTTAG	AGTCCA	CAAC	AGAA	TCTATTG	TTAGAT	TTTCT										
												Section 318												
		(23459)	23459	23470	23480	23490	23500	23510	23520	23532														
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(22381)	CTAC	TGAA	AAAC	----AG	CCAGT	CAAA	GAA	TATG	TT--	CCA	CACC	----CT	CCAAG	TGTTTT	CTCAA	TGT	AACA						
SARS-CoV-2 Reference Genome NC_045512.2	(22553)	AATA	TAC	AAAC	TTGTG	CCCTT	TGGT	GAA	GT	TTTAA	CGC	CACC	AGATT	TGCA	TCTG	TTTTAT	GCT	TGGAACA						
												Section 319												
		(23533)	23533	23540	23550	23560	23570	23580	23590	23606														
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(22445)	GCC	ACTG	--TC	CAGCA	---GGG	TGA	CTGG	CCCC	CTTC	CCAGG	CTGT	TCAC	GTCT	TGAT	GC	TTCC	--TTCA	-GTGA					
SARS-CoV-2 Reference Genome NC_045512.2	(22626)	GGA	AGAG	AA	TCAGCA	ACTGT	GT	TGCTG	ATTATT	CTGT	CC	TATATA	AA	TTCC	GAT	CTTTT	TCC	ACTTTTA	AGTGT					
												Section 320												
		(23607)	23607	23620	23630	23640	23650	23660	23670	23680														
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(22510)	CCC	GG	-----	CCT	TCTAA	TTCA	GC	TTAA	CCCT	TCTCC	CTTCA	ACCT	CAGC	CCTG	TCA	CCAG	GA	CAGC	CTCT				
SARS-CoV-2 Reference Genome NC_045512.2	(22700)	TAT	GG	AGTGTCT	CCTA	CTAAAT	TAAAT	GAT	CTCT	GCTT	TA	CTAAT	GT	CTAT	GC	AGAT	TCA	TTTGT	AATTAG	AGG				
												Section 321												
		(23681)	23681	23690	23700	23710	23720	23730	23740	23754														
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(22576)	CAT	TCC	AC	TCAG	TCTG	-CT	TCCAG	TGGG	AA	TC	GGA	TGAG	CGA	CTCT	AC	ATCC	ATGG	TGGT	CA	AGG	AA	ATG	GG
SARS-CoV-2 Reference Genome NC_045512.2	(22774)	TGA	TGA	AG	TCAG	CAAA	AT	CGTCCAG	G	CAAA	CT	GGA	AAGATT	G	CTGATT	ATA	-ATTA	TAAATT	ACC	AG	ATG	AT		
												Section 322												
		(23755)	23755	23760	23770	23780	23790	23800	23810	23828														
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(22649)	TT	GC	GT	GAT	GT	GG	AGT	GAA	TT	CGAG	GTGC	AG	AC	CTTCT	ATTG	TTA	GAAACA	GAG	CTAT	TGA	--AT	CCCC	
SARS-CoV-2 Reference Genome NC_045512.2	(22847)	TT	TAC	AGG	CTG	CGTT	ATAG	C--	TTG	GAAT	TCTA	-AC	AA	TCT	TGAT	TCTA	AGGTTG	GTG	TAAT	TATA	ATTA	CC		

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													Section 323					
	(23829)	23829	23840	23850	23860	23870	23880	23890	23902									
Homo sapiens chromosome 13 NC_000013.11: 34882059... (22721)	AGG	GTA	AACCAAAAC	TAAGA	GTGCTGA	AGGA-AG	ACCTAGAG	CTCAGAG	GCCGTAA	CCTCCC	ATGA	ATGT	AGGAA					
SARS-CoV-2 Reference Genome NC_045512.2 (22918)	---	GTA	TAGATTGTT	TAGGA	AGTCTA	AATCTCAAC	ACCTTTT	GAGAGAG	ATATTTC	CAACT	GAAAT	CTATC-	AGGCC					
													Section 324					
	(23903)	23903	23910	23920	23930	23940	23950	23960	23976									
Homo sapiens chromosome 13 NC_000013.11: 34882059... (22794)	AGTA	ACTT	GAGAACAGT	TGAC	GTAGTAAA	TAAAGAG	GAGCTTT	GCATGA	TAGCAGA	ATAGT	CTAGAA	T	CAGC					
SARS-CoV-2 Reference Genome NC_045512.2 (22988)	GGTAG	CACACCT	TGTAA	TGGT	GTGA	AGGTTTT	AATTG	TTACTTT	CCCTT	TACAAT	CATATG	GTTTCC	AACCAC					
													Section 325					
	(23977)	23977	23990	24000	24010	24020	24030	24040	24050									
Homo sapiens chromosome 13 NC_000013.11: 34882059... (22868)	AGTG	GGAG	GCAA	GAT--	AAGCA-AG	ATGGCAGC	AC	FAC	TCTCT	GCCCC	TAGAGGG	GAT	CTT	AGAGGGGA				
SARS-CoV-2 Reference Genome NC_045512.2 (23062)	TAAT	GGTGT	TTGGT	TACCAAC	CATAC	AGAGT	AGTAG	TACTT	CTCTT	-----	TGAACTTC	TACATG	CACC	AGCAACT				
													Section 326					
	(24051)	24051	24060	24070	24080	24090	24100	24110	24124									
Homo sapiens chromosome 13 NC_000013.11: 34882059... (22938)	GAC--	-AGACC	AACAAA--	CAAGC	AATTACAA	TATTGT	CTGAT	CTGT	AGATGA	TCA	GGGAA	TTC	TAAGG	ATGCC				
SARS-CoV-2 Reference Genome NC_045512.2 (23132)	GTTTGTG	GACC	TAAAAA	GTCT	ACTAATT	TGGTTA	AAAAA	CAATG	TGTC	AATT-TCA	---ACT	TTC	AATGG	TTTAA				
													Section 327					
	(24125)	24125	24130	24140	24150	24160	24170	24180	24198									
Homo sapiens chromosome 13 NC_000013.11: 34882059... (23007)	CA	CCGAG	GTAAAT	TGGAT	CCCAGT	CTGGGTC	AGTGT	--GG	AGTAT	TCCA	AA--G	GG	AGA	ATTAT	TGGGA			
SARS-CoV-2 Reference Genome NC_045512.2 (23202)	CA	GGCA	CAGGT	GTCTT	ACTG	AGTCT	AACAA	AAAGT	TTCTG	CCTTT	CCAAC	AA	TTTGG	CAGAG	ACAT	TGCTGAC		
													Section 328					
	(24199)	24199	24210	24220	24230	24240	24250	24260	24272									
Homo sapiens chromosome 13 NC_000013.11: 34882059... (23075)	ACT	GGGC	ACTG	TTTAT	TTCAA	CATGAT	CCA	GAG	-----	GAA	CACT	AAA	TAT	GAG	CAAA	ATGAA	CTTT	C-----
SARS-CoV-2 Reference Genome NC_045512.2 (23276)	ACT	----	ACTG	ATGCT	TGTC-	CGT	GATCCA	CAGA	CAC	TTGAG	ATTCT	TGAC	ATTA-	CA	CCATG	TTCTTT	TGGTGG	
													Section 329					
	(24273)	24273	24280	24290	24300	24310	24320	24330	24346									
Homo sapiens chromosome 13 NC_000013.11: 34882059... (23139)	---	CAGT	-----	CAC	TGGGAA	AGCAT	CTCTG	TAG	GGTGA	AGTAG	AAATGA	TTGA	ATA	AGC	ATCG	CCAC	AGAGC	
SARS-CoV-2 Reference Genome NC_045512.2 (23344)	TGT	CAGT	GTTATAA	CAC	CA	GGAA	CAAA	AT	ACTTCT	TAACC-	AG	TTGCT	GTTC	TTTA-	TCAG	ATGTTA	ACTGCAC	

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		Section 330										
	(24347)	24347	24360	24370	24380	24390	24400	24410	24420			
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(23203)	A-ATGAATCTCTC-CCATGCTTACTGATCAACATTCTGATTATTAGTGTATCT-TCCCTGGGTACCCTAATCTCA										
SARS-CoV-2 Reference Genome NC_045512.2	(23416)	AGAAGTCCCTGTTGCTATTTCATGCAATCAACTTACTCCCTACCTGGCGTGTATTATTCTACAGGTTCTAATGTTT										
		Section 331										
	(24421)	24421	24430	24440	24450	24460	24470	24480	24494			
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(23274)	GCAAGGAACATCTCTGGATGGGGATACATGCCTCTCAG--CAACTAGAACCTGGATACTCTCCCACTATAAATTA										
SARS-CoV-2 Reference Genome NC_045512.2	(23490)	TTCAAACA-CGTGCAAGCTGTTTATAAGGGCTGAACATGTCAACAACCTCATATGAGTGTGAATACCCATTGG										
		Section 332										
	(24495)	24495	24500	24510	24520	24530	24540	24550	24568			
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(23346)	CCGAGGACTCTTT-GCGAGTAGATTGCCATGAATCTTCTTTCTCTGAGGCTTTTCACCTTTGAGAAATT-GACAGG										
SARS-CoV-2 Reference Genome NC_045512.2	(23563)	TGCGAGGTATATGCGCTAGTTATCAGAC-TCAAGCTAACTTCTCTCTGGCGGG--CACGTAGTGTAGCTAGTCAAT										
		Section 333										
	(24569)	24569	24580	24590	24600	24610	24620	24630	24642			
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(23418)	GC-TGAAGGCC-AGACTGGGGGCTTTCATAATTCACCAAGGTAAATGCCACCTGTGAGGCTTCTTTGGCAG---										
SARS-CoV-2 Reference Genome NC_045512.2	(23634)	CCATCATTGCCTAACCTATGTCACTTGGTGCAGAAATTCAGTTGCTTACTCTAATACTCTA-TTGCCATACC										
		Section 334										
	(24643)	24643	24650	24660	24670	24680	24690	24700	24716			
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(23487)	-GCAGTTTTCAGCATTTCTCCTGGAAGCACCTAACCTTCTCTACAGCGCCTTTGA-----AATTTTTAAACAATG										
SARS-CoV-2 Reference Genome NC_045512.2	(23707)	CACAATTTTACTATTAG--TGTTACACAGAA--TTCTAC-CAGTGTCTATGACCAAGACATCAGTAGATG										
		Section 335										
	(24717)	24717	24730	24740	24750	24760	24770	24780	24790			
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(23555)	GGCATAGTGAATATGAATTAGATGTCCT-ATGTCAACAATCAGCTCTGTGGAACATAAAACCTCTTTGTTTT										
SARS-CoV-2 Reference Genome NC_045512.2	(23776)	TACAAATGTACATTGTGGT-GATTCACTGAATGCAGCAATCT--TTGTGTGCAATATGGCAGT-TTTGTACA										
		Section 336										
	(24791)	24791	24800	24810	24820	24830	24840	24850	24864			
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(23628)	GATGGCTACACATACTTTTATTTGACAGCCCTGTAACTGCTCAGCACCAAGA-AAAACATAAATTGGTCCATTC										
SARS-CoV-2 Reference Genome NC_045512.2	(23846)	CAATTAAAC-CGTGCTTTAAGTGAATAGCTGTTGAACAAGAACAACAACCAAGAGTTTGTGCAAGTCA										

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												Section 337
	(24865)	24865	24870	24880	24890	24900	24910	24920				24938
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(23701)	G	A	A	A	C	T	T	G	G	T	C
SARS-CoV-2 Reference Genome NC_045512.2 (23919)		A	A	C	A	A	T	T	--	T	A	C
												Section 338
	(24939)	24939	24950	24960	24970	24980	24990	25000				25012
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(23774)	C	A	A	T	C	A	A	T	G	C	A
SARS-CoV-2 Reference Genome NC_045512.2 (23991)		C	A	A	A	C	C	A	A	T	T	A
												Section 339
	(25013)	25013	25020	25030	25040	25050	25060	25070				25086
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(23847)	C	A	T	C	A	A	C	T	G	T	G
SARS-CoV-2 Reference Genome NC_045512.2 (24064)		C	A	A	C	A	A	T	A	T	G	G
												Section 340
	(25087)	25087	25100	25110	25120	25130	25140	25150	25160			
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(23921)	C	A	A	T	A	C	T	G	T	G	C
SARS-CoV-2 Reference Genome NC_045512.2 (24134)		C	T	-	T	A	C	T	G	T	T	G
												Section 341
	(25161)	25161	25170	25180	25190	25200	25210	25220				25234
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(23986)	T	C	A	C	T	C	T	G	C	T	-
SARS-CoV-2 Reference Genome NC_045512.2 (24207)		T	C	A	C	T	T	G	G	A	C	C
												Section 342
	(25235)	25235	25240	25250	25260	25270	25280	25290				25308
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(24055)	T	T	T	C	T	G	C	T	T	A	T
SARS-CoV-2 Reference Genome NC_045512.2 (24279)		T	T	A	T	G	G	-	-	A	G	T
												Section 343
	(25309)	25309	25320	25330	25340	25350	25360	25370				25382
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(24128)	T	C	T	C	T	C	A	G	A	A	T
SARS-CoV-2 Reference Genome NC_045512.2 (24350)		G	C	T	A	T	G	G	C	A	A	A

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										Section 344
	(25383)	25383	25390	25400	25410	25420	25430	25440	25456	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(24201)	ACTCAGTTTTCGAGTGGAACTCTCATGTTGACCTGTCATGGCGTGCTGTGTTCTCCTTCCC	CAGGTATGAGGAC							
SARS-CoV-2 Reference Genome NC_045512.2	(24423)	AAAATGCACAACTTAAACAGGCTGTTAAACAACTTAGCTCCAATTTTGGTGCAATTTCAAGTGT	T-----							
										Section 345
	(25457)	25457	25470	25480	25490	25500	25510	25520	25530	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(24275)	ATGTAACTAATAAAGTTACAACA	CTC-CTCTGCCAGTGT	TGGGAGTCA	TGT	TTGGCT	ATCC	CAGTA--A		
SARS-CoV-2 Reference Genome NC_045512.2	(24492)	---TAAATGATA	TCCTTACCGTCTTGAC	AAAGTTGAGGCTGAA	GTGCA	AAT	TGATAGGTG	ATCA	CAGGCAGA	
										Section 346
	(25531)	25531	25540	25550	25560	25570	25580	25590	25604	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(24345)	CTCTAAAGCATCAAAAGGGTAAAT	-AGGAGGTGATTAA	AACACCCTGCACTAAG	CAGCAGGA	CGG--AAT	GGAGA			
SARS-CoV-2 Reference Genome NC_045512.2	(24563)	CTTC	AAAGTTGCA	AGACATA	TGTGA	CTCAACAATTAA	TTAGAGCTGCA	GAAATCAG	AGCTTCTGCTAAT	CTTG
										Section 347
	(25605)	25605	25610	25620	25630	25640	25650	25660	25678	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(24416)	TGGGTG--ACCTGACCGGCTG	----CATGGTGGCTGTAA	GGTGCTTCC	TCA	GTGGGTCTT	GCTGGT	AGCTAG		
SARS-CoV-2 Reference Genome NC_045512.2	(24637)	TGCTACTAAAA	TGT	CAGAGTG	TGTA	CTTGGACAA	TCAAAAGAGTTGATTTTT	GTGGAAAGG	GCTATC	ATCTTA
										Section 348
	(25679)	25679	25690	25700	25710	25720	25730	25740	25752	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(24484)	A	GTCCCTTCCCT	AGTCTAGTC	TCTGGCTC	-TGGTGT	TTTATCACTAC	CAGCTATT	TGGAGTG	GTGTAGGTG
SARS-CoV-2 Reference Genome NC_045512.2	(24711)	T	GTCCCTTCCCT	C----	AGTC	AGCACCTC	A	TGGTGTAGTCTTCT	TGCATGTG	ACTTA--TGTCCTGC
										Section 349
	(25753)	25753	25760	25770	25780	25790	25800	25810	25826	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(24557)	TGGA	TAA	CAGCTC	GAAAGGCT	TAGG	GC	GGCTTCCAGG	TTTGGGTAAT	CCAATAAGGTGATCCTTACATGCTAA
SARS-CoV-2 Reference Genome NC_045512.2	(24777)	---	AAAAGAACTTC	ACAA--CT----	GC	TCCTG	CCA--TTTG--	TCATGATGG	AAAAGCA	CACTTCTCTGTTGA
										Section 350
	(25827)	25827	25840	25850	25860	25870	25880	25890	25900	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(24631)	ATCCTC	CAAGGTCT	TACCTCA	CAGGCTTA	GACA	TGAGGTC	TTGTCC	CAC	TGAGAACTTCTTGTGAGATG
SARS-CoV-2 Reference Genome NC_045512.2	(24838)	AGGTGT	CTTTGTT	----	CAAATG----	GACA	CACTGGT	TTGTAA	C	ACAAAGGAATTTT-----ATGAAC

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												Section 351								
	(25901)	25901	25910	25920	25930	25940	25950	25960	25974											
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(24705)	GACAA	GCAGCA	AGGACCT	CAGCTAC	TAGTTCC	CTAGTTAAT	TCCAA	GCCTACAG	GAAACC	TAGAAATT	TCC								
SARS-CoV-2 Reference Genome NC_045512.2	(24897)	CACAA	ATCATTA	CTACAGA	CAAC-AC	ATTGTGT	CTGGTAAC	TGTGAT	GTT----	GTA-----	TAGGAATT	GTCA								
												Section 352								
	(25975)	25975	25980	25990	26000	26010	26020	26030	26048											
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(24779)	CCAGCTG	AGCTTG-	GCTCC	AGAGGAA	GCTGAA	GGTGAT	CTTTG	CCTTCTCTT	GCC	TCATAT	TGCTAT	CTCTCA							
SARS-CoV-2 Reference Genome NC_045512.2	(24963)	ACAAC	CACAGTTT	ATGATCC	TTTGCAAC	CTGAA	TTAGA	CTCAT	TTCAAG	GAGGA	G--TTAG	ATAAA	TATTT--TAA							
												Section 353								
	(26049)	26049	26060	26070	26080	26090	26100	26110	26122											
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(24852)	GGGTC	TTCTTGCT	CAAAGGC	GACAG	AGGATT	CTGCAG	ATTCT	ATTGCT	CAGCA	AAC	TCTAG	AAATT	GTGTGT						
SARS-CoV-2 Reference Genome NC_045512.2	(25033)	GAA	TCATACAT	CACAGAT	GTTGATTT	AGGTGA	CATCT	CTG	C-ATTAA	TGCTTC	AGT	TGTAA	ACATT	CAAAAA						
												Section 354								
	(26123)	26123	26130	26140	26150	26160	26170	26180	26196											
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(24926)	CATTT	TTCTTAC	TTATCT	GCC	TACAGCT	PGCAAA-	ACTAA	AAATGA	TGCTT	TAGA	ATGTT	TCTC	GTGTGT	AGACAT					
SARS-CoV-2 Reference Genome NC_045512.2	(25106)	GAA	TTTG--	ACCGC-	CTCAAT	GAGGT	TGCAAG	AATTT	AAATGA	ATCT	CTC--	ATCGA	TCTC	CA----	AGAACT					
												Section 355								
	(26197)	26197	26210	26220	26230	26240	26250	26260	26270											
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(24999)	G	TGGTC	AGAA	TAAATCT	TCTCAC	TCAAATG	CTCTCTT	TTCTCCTTT	TAG	TGTCCTCTC	CTGA	CTCTCC	TTCCT						
SARS-CoV-2 Reference Genome NC_045512.2	(25171)	-	TGGAA	AGTAT	GAGCAG	TATA--	TAA	AAATG	GC	CATGG	TACAT	TTGGC	TAG	GTTT	TATAG	CTGG	CTTGAT	TGCCA		
												Section 356								
	(26271)	26271	26280	26290	26300	26310	26320	26330	26344											
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(25073)	TTCA	CA-GCC	TCAG	AA	TGGT	TC	TATG	CTCAC	TTCC	CCCTAC	TTCTCTC	CCATCA	CAT	TCAC	TCTT	TGC	TG		
SARS-CoV-2 Reference Genome NC_045512.2	(25242)	TAG	TAAT	GGTG	CAAA	TTAT	GCTT	TGCT	G	TATG	AC	CAGTT	GCTG	TAG	TTGTCT	CAAGGG	CTGT	TGT	TCTT	G--TG
												Section 357								
	(26345)	26345	26350	26360	26370	26380	26390	26400	26418											
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(25146)	CAGT	CTG	ACTCTAGTCC	CTG	AACT	CTCCTT	TCCATA	AA-AG	TCAT	AATTTA	TC	CTCAAA	TT-GT	G	AAATT	CAAT	GA		
SARS-CoV-2 Reference Genome NC_045512.2	(25314)	GATC	CTG	-----	CTG	CAA	ATTGAT	GAA	ACG	ACT	CTG	AGCCAG	TG	CTCAAA	GGA	GT	CA	AAATT	AC	ATTA

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											Section 358					
	(26419)	26419	26430	26440	26450	26460	26470	26480	26492							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(25218)	CTATGTCCT	GGCCTTAT	TGAAC	TACA	GTGTGGC	ACAATGTG	CTGCCAC	TCCCTCTT	TAAAACT	CTCACTTT	AG				
SARS-CoV-2 Reference Genome NC_045512.2 (25378)		CACATAAAC	GAACTTAT	GATT	---	GTTTATG	AGAAT---	CTTCAAT	-----	TGGAACT	GTACTTT	GA				
											Section 359					
	(26493)	26493	26500	26510	26520	26530	26540	26550	26566							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(25292)	TGTTAG	TGACATCA	TTCTTGC	--	CTAAGTATC	ATCTCC	TTCCCTGAG	CATCTTTCTGT	CTCATG	CATGC	AGGC				
SARS-CoV-2 Reference Genome NC_045512.2 (25439)		AGCAAGG	TGAATCA	AGGATG	CTACT	CCTTCAG	ATT	TGTTCC	CGCTA	CTGCAACGATA	CCGATA	CAAGC---				
											Section 360					
	(26567)	26567	26580	26590	26600	26610	26620	26630	26640							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(25363)	TCTTC	CAATTC	CCCTCAG	TGATGGT	GC	TGC	CAC	TGCTG	AGGACCT	TGCTTTT	GCACTGT	GCTCTTCCA	TCCAT		
SARS-CoV-2 Reference Genome NC_045512.2 (25510)		TC	ACTGCC	TTTC	GGA	TGGC	TAT	TGT	--	TGGCGT	TGC	--	ACTTCT	TGCTGTTTTT	-CAGAGCGCTTCCA	AAATC
											Section 361					
	(26641)	26641	26650	26660	26670	26680	26690	26700	26714							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(25437)	ATAGTT	CTCAT	TTAGGT	GACCA	CATGG	AAGC	CTCT	GTTTT	CC	TTCAACTAC	CACTG	TGTATG	ACCAAT	TGC	CTCC
SARS-CoV-2 Reference Genome NC_045512.2 (25579)		ATA	ACCCTCA	AAA	AGAGA	TGG	CA	ACTAGCA	CTCT	-----	CC	AAGGGTGTT	CACTT	TGT	TG--	CAACTTGCTGT
											Section 362					
	(26715)	26715	26720	26730	26740	26750	26760	26770	26788							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(25511)	AGCT	CCCTCTA	---	CTGAG	CTCAG	ACATCAT	CCCG	--	GGTTCTGG	ACCCAC	ATAATGT	GT	TTCTTTAT	TTGAAG	
SARS-CoV-2 Reference Genome NC_045512.2 (25646)		TGT	TGT	TTGTA	ACAG	TTTA	CTCA	AC	CTTT	TGCT	CGTT	GCTG	CTGGC	TTGA	AGCCCCTTTTCT	CTAT-----
											Section 363					
	(26789)	26789	26800	26810	26820	26830	26840	26850	26862							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(25580)	AGAAATGATGA	CTTTATG	GAAAAAAGT	TTCT	GCCTGAAA	CTTGC	CTAGGCAC	TTTAT	ACTTAAC	ATG	GATTATA				
SARS-CoV-2 Reference Genome NC_045512.2 (25714)		-----	CTTTATG	C-----	TTTA	GTCT	ACTT	CTTGC	AGAG	---	TATA	AACCTT	TGT	AAGA	ATAATA	
											Section 364					
	(26863)	26863	26870	26880	26890	26900	26910	26920	26936							
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(25654)	AGCCCTTC	TTCC	CTCTG	TATTC	CC	CTAG	TGAA	GGCA	CATT	CATCCA	AGGACC	TAGT	ATTCT	AGCATT	CTGTC
SARS-CoV-2 Reference Genome NC_045512.2 (25765)		ATGAGGCT	TTGG	CTTG	----	CTGG	AAATG	CCG	TTCC	CAAAA	ACCA	TTACTT	TATG	ATGCC	AACATT	TCTT

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										Section 365	
		(26937)	26937	26950	26960	26970	26980	26990	27000	27010	
Homo sapiens chromosome 13 NC_000013.11: 34882059...		(25728)	TGCCTCTTCTATCTCATTGCC	TAAAGAGTCTGATTTTACTTCTCTA-AA	TGTACATGTTGGGCTCT--TTTCTT						
SARS-CoV-2 Reference Genome NC_045512.2 (25834)			TGC---TGGCATCTAATTGT-TACGACTATTGTTATACCTTACAATAGTGTAACTTCTTCAATTGTCACTTACTT								
										Section 366	
		(27011)	27011	27020	27030	27040	27050	27060	27070	27084	
Homo sapiens chromosome 13 NC_000013.11: 34882059...		(25799)	CCCTTCTATTGCAC	TGCA	TGGTTCAGGCCTCATTCGCTTT-TTGCCAGGAT	TATGTTCTCTTCAGCC					
SARS-CoV-2 Reference Genome NC_045512.2 (25904)			CAGGTG-ATGGCACAA	CA--GTCCTATTCTGAACATGACTAC	CAGATTG	GTGTGTTA	TACTGAAAAATGGGAA				
										Section 367	
		(27085)	27085	27090	27100	27110	27120	27130	27140	27158	
Homo sapiens chromosome 13 NC_000013.11: 34882059...		(25872)	TCTAGACTACACAAGCCCTTCTCC	TACCAA--CTCTAC	CAGAGTGATTTTTTAACTGTAA	TCGTCTC	GTG				
SARS-CoV-2 Reference Genome NC_045512.2 (25975)			TCTGGAGTAAAGA	CTGTGTTG	TATACACAGTTA	CTTCACTTCA	AGACTATTACCAGCTGTAC	TCAACTCAAT			
										Section 368	
		(27159)	27159	27170	27180	27190	27200	27210	27220	27232	
Homo sapiens chromosome 13 NC_000013.11: 34882059...		(25944)	TCAGGTTACCTTCTGCTTAA	AACCTTTCAGGATTC	CGTCA	CATTTCAGGAT	AAAGGTCA	AACTCC	TCAGCTAGG		
SARS-CoV-2 Reference Genome NC_045512.2 (26048)			TGAGTACAGACACTGTGTG	AACATGTTACCTT--CTCATCTACAAT	AAATTGTGA	-----TGAGCCTGA					
										Section 369	
		(27233)	27233	27240	27250	27260	27270	27280	27290	27306	
Homo sapiens chromosome 13 NC_000013.11: 34882059...		(26018)	CACACTAAGCCCATCTATTATAC	TTTGGCATCACAC	TCCACAGTACTAGTTGTGAG	AGTGTAGA	CAAGTTA	CT-			
SARS-CoV-2 Reference Genome NC_045512.2 (26115)			AGAAC-ATGTCCA-AATTCA	CACAA	TGACGGTTCA	TCCGGAGTTGTTAATCCAGT	AATGGAAC	CAATTTA	TGA		
										Section 370	
		(27307)	27307	27320	27330	27340	27350	27360	27370	27380	
Homo sapiens chromosome 13 NC_000013.11: 34882059...		(26091)	TAACTTACTATGCTCAGTTTCTTCATGTGTAA--AATAGA-GATAAGATAG	CACGTGTGATAAG	ATCATTG						
SARS-CoV-2 Reference Genome NC_045512.2 (26187)			TGAACCGACGACGACT-CTAGCGTGCTTTGTAA	GCACAAGCTGATGAGTAC	GAACTTATGTACTC	ATTCGTT					
										Section 371	
		(27381)	27381	27390	27400	27410	27420	27430	27440	27454	
Homo sapiens chromosome 13 NC_000013.11: 34882059...		(26162)	TCAGCACAGATGAAC	TAGGCATATTAAGTAC	TTAGGCA	CGTAGT	AAGCAA	TCTGTTT	TTTTCGTTT	TTGT	
SARS-CoV-2 Reference Genome NC_045512.2 (26260)			TCGGAAAGAGAC-----AGGTACGTTAA-TAGTTAATAG	CGTACT-----TCTTTTCTT	GCTTTCGTTGT						

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		Section 372									
		(27455)	27455	27460	27470	27480	27490	27500	27510	27528	
Homo sapiens chromosome 13 NC	000013.11: 34882059... (26236)	TGT	TT	AT	TTT	TTAG	AC	AG	GG	---	TCTTACTCTGTCA
SARS-CoV-2 Reference Genome NC_045512.2	(26320)	TTC	TT	GCT	AG	TTA	CAC	TAG	CCATC	CCTTACTGC	GCTTGA
		Section 373									
		(27529)	27529	27540	27550	27560	27570	27580	27590	27602	
Homo sapiens chromosome 13 NC	000013.11: 34882059... (26300)	CTCAC	TGC	AACCT	-	C	TTT	GC	CTCAGC	CTCTC	AA
SARS-CoV-2 Reference Genome NC_045512.2	(26394)	TCTTG	TAA	AACCT	TCT	TTT	TA	C	GTTTA	CTCTC	GT
		Section 374									
		(27603)	27603	27610	27620	27630	27640	27650	27660	27676	
Homo sapiens chromosome 13 NC	000013.11: 34882059... (26368)	-	CTAAT	CAATG	TTTG	TTTG	TTTG	TTTG	TTTG	TTTG	TTTG
SARS-CoV-2 Reference Genome NC_045512.2	(26468)	T	CTAA	AG	AAC	TAA	TAT	-	TAT	TTAG	TTTT
		Section 375									
		(27677)	27677	27690	27700	27710	27720	27730	27740	27750	
Homo sapiens chromosome 13 NC	000013.11: 34882059... (26441)	CT	TT	CT	CTTT	CT	CTTT	CT	CTTT	CT	CTTT
SARS-CoV-2 Reference Genome NC_045512.2	(26541)	AC	TAT	T	ACCGT	T	GAAGAG	CTT	AAAAAGC	T	CT
		Section 376									
		(27751)	27751	27760	27770	27780	27790	27800	27810	27824	
Homo sapiens chromosome 13 NC	000013.11: 34882059... (26512)	-	CT	CT	CT	CTTT	CT	CTTT	CT	CTTT	CT
SARS-CoV-2 Reference Genome NC_045512.2	(26615)	GAT	TT	TGT	CTTC	TACAA	TT	TG	C	CTATG	CC
		Section 377									
		(27825)	27825	27830	27840	27850	27860	27870	27880	27898	
Homo sapiens chromosome 13 NC	000013.11: 34882059... (26584)	T	TTT	G	TAG	AT	TGGG	CTTT	CA	CT	-
SARS-CoV-2 Reference Genome NC_045512.2	(26689)	T	GT	T	AG	CC	AGTAA	CTTT	AG	CT	T
		Section 378									
		(27899)	27899	27910	27920	27930	27940	27950	27960	27972	
Homo sapiens chromosome 13 NC	000013.11: 34882059... (26657)	T	AG	-	G	C	CTC	C	AAA	GT	G
SARS-CoV-2 Reference Genome NC_045512.2	(26758)	G	A	TT	G	C	TAT	C	G	C	AA

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		Section 379							
	(27973)	27973	27980	27990	28000	28010	28020	28030	28046
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(26729)	CTATCTTTAT---	TACCATTTTAAAT	CTCAACC	TCCCTTCTCTTC	---CTTC	CCTT	CG-GCCAC	CATACTGGT
SARS-CoV-2 Reference Genome NC_045512.2 (26830)		TGCGCGTACGCG	TCCATGTGGTCAT	TCAA-	TCCAGAAACTAA	CATT	CTTC	CAA	CGTGCCACTCCATGCA
		Section 380							
	(28047)	28047	28060	28070	28080	28090	28100	28110	28120
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(26796)	CTACT-TGAC	ATTTCTGAAT	TATTCCTGTGA	GTTCATCC	TCCTGGGCT	TACTTA	TGGTCCT	GCTTCCTC-TGTG
SARS-CoV-2 Reference Genome NC_045512.2 (26902)		CTATTCTGAC	CAGACGCTCT	TAGAAA	GTGAAC	TCGTAA	TCG-GAGCT	G-----	TGATCCTTCGTGGACATCTT
		Section 381							
	(28121)	28121	28130	28140	28150	28160	28170	28180	28194
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(26868)	TGTAA	TACTTTCC	CCCTCTT	TCTTTCATCTAG	CTAA	CAGGTACT	TAGTTT	AAAGACCTTCTCATCATCACTTCT
SARS-CoV-2 Reference Genome NC_045512.2 (26970)		CGTATTGCT	GGACACC	ATCTAGGAC	CGCTGT	GACAT	CAAGGAC	TGCC	TAAAGAAATCACGTGTGCTACAT----
		Section 382							
	(28195)	28195	28200	28210	28220	28230	28240	28250	28268
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(26942)	TC	CAGAACTCTT	CCTTGAT	-CTTC	TTGCTCCAG	TCGGGTT	TAATTTTC	CATGTTTTTGTAACTCTTCATTAA
SARS-CoV-2 Reference Genome NC_045512.2 (27040)		--	CACGAACGCTT	CTTAT	TACAAATTTG	GGAGCT	TCGCA	GCGTG--	TAGCAGGTGACTC-AGGTTTTCGCTGCA
		Section 383							
	(28269)	28269	28280	28290	28300	28310	28320	28330	28342
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(27015)	TACATTTATCC	CAACACTCAAT	AACTCT	GCATTGGG	CTTGATTACAT	GTTTGTCT	CCTAT	ACAAAGACTGTGGAT
SARS-CoV-2 Reference Genome NC_045512.2 (27108)		TACAGTCGCTA	CAGGATTGGC	-AACTAT	TAAATTAAA	CAC-AGAC	CATTCCA	GTAG	CAGTGACAAATATGCT--T
		Section 384							
	(28343)	28343	28350	28360	28370	28380	28390	28400	28416
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(27089)	TCCTTAAAGG	CAGAA	TACAAC	TTTGTC	TGAGTT	CCAAC	GAAAGG	CCTGTCAA--TGTTGAAACAGGATTCAG
SARS-CoV-2 Reference Genome NC_045512.2 (27178)		TGCTTGTA--	CAGTA	AGTGAC	AACAGA	TG--TTT	CATCTCGTT	GACTT-TCA	GGTTACTATAGCAGAGATATTA
		Section 385							
	(28417)	28417	28430	28440	28450	28460	28470	28480	28490
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(27161)	TAAATGACTGC	TGGTGAA	TTAAAGAT	TTCAT	CAGGTGCTCA	GAGACTCTAGC	ACACCTT-T	GCCTTCAAAAAG
SARS-CoV-2 Reference Genome NC_045512.2 (27247)		CTAATATTA-TG	AGGACTTT	TAAAGTTTC	CATTT	GGAACTTT	GATTACAT	TCATAAACCTCA	TAAATTAAAAATTT

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										Section 386
	(28491)	28491	28500	28510	28520	28530	28540	28550	28564	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(27234)	CACCTTACTT-CAAAATTATTATCTCATTTCTTCC	TCTATTAAAGTCCCTATT	TGTAATTGT-----GAAA						
SARS-CoV-2 Reference Genome NC_045512.2 (27320)		TATCTAAGTCACTAACTGAGAATAAATA	TTCTCAATTAGATGAAGAGCAACCAA	TGGAGATTGATTAAACGAA						
										Section 387
	(28565)	28565	28570	28580	28590	28600	28610	28620	28638	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(27301)	TTAGGCAC	TATTAGTTTACT	TGTCAGC	GAACTAA--GCTAGT	CAGCTGAA	AAATTATTACA	ATTCATTTAT		
SARS-CoV-2 Reference Genome NC_045512.2 (27394)		ATGAAAAT	TATTCTTTCTTG	CACTGATAACTCGCTA	CTTGTGAGCTTT	ATCAC	TACC	AAGAGTGTGTTAG		
										Section 388
	(28639)	28639	28650	28660	28670	28680	28690	28700	28712	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(27373)	ACTTCTAAAGC	GTA	TATTTACCTTTTCA	AAC	AAGGAACTTGTA--AAGATAAT	AGGATGAATT	TTAGTGATGAGT		
SARS-CoV-2 Reference Genome NC_045512.2 (27468)		AGGTACAA	CA-GTACTTTTAAAG----	AACCTTGCTCTTCTGG	AA	CATACG	AGG	GC--AATT	CACCATTTCA	ATC
										Section 389
	(28713)	28713	28720	28730	28740	28750	28760	28770	28786	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(27446)	TTTAAGGAAATA	TAA	TAGGAGGAAAGGGT	GTAGTG	TGAGAA	GATAGGAAG	AATAATTTTTTTC	TGCC	CAGGCAC
SARS-CoV-2 Reference Genome NC_045512.2 (27536)		CTCTAGCTGATA	ACAAATTTG	CACTGACTT--GCTT	TAGCACTCA-----ATTG	CTTTGCT	TGTCTG	ACGG		
										Section 390
	(28787)	28787	28800	28810	28820	28830	28840	28850	28860	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(27520)	A	GTGGCGCATG	CCTATAATCC	CAGC	CTTG	GAGGCCAAAGCAG	GAGGATC	ACTG	AGTTC
SARS-CoV-2 Reference Genome NC_045512.2 (27603)		AGTAAAA	CACGTCTAT-----	CAGTTACGT--GCCA	GATCAGTT--TCAC	CTAA--CTGT	TCA	TCA--GA		
										Section 391
	(28861)	28861	28870	28880	28890	28900	28910	28920	28934	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(27594)	CTACAGT	GAGCAATGAT	TCATGC-CATTG	CACTCCA	GTCTGGGCC	ACAGAG	GAA	GACTC	AGTTTC
SARS-CoV-2 Reference Genome NC_045512.2 (27661)		CAG-----	GAGGAA-GT	TCAAGAACTTTACT	CTCCAATTTT	TTCTTATTGTTG	CGGCAAT	AGTGT	TTATA	CACTT
										Section 392
	(28935)	28935	28940	28950	28960	28970	28980	28990	29008	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(27667)	A	TTAAATACA	GAAAA	TAAAAA	ATAAA	ATAAA	TTTTATGGG	AGAGTTGCT	TGGAAC
SARS-CoV-2 Reference Genome NC_045512.2 (27730)		-TGCTTC	ACA	CTCAAAAA	GAAAGACAGAA	TGATTGAACTTT	CATTAAATTG	ACTTCTATT	TGTGCTTTT	-TAGCCT

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		Section 393																																												
		(29009)	29009	29020	29030	29040	29050	29060	29070	29082																																				
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(27741)	CAAG	TG	GG	AA	TCC	AG	CC	TCT	ACT	GGT	AG	GGG	TA	AG	CT	GA	TGG	CC	TAC	TAT	TGA	GGG	GAT	TTG	ACT	GG	AAA	AG	C																
SARS-CoV-2 Reference Genome NC_045512.2	(27802)	TTC	TG	CT	AT	TCC	TT	GT	TT	TAA	AT	TAT	GT	CT	TAT	TAT	CT	TTT	TGG	TT	CT	CAC	T	TGA	-----	ACT	GC	AA	GAT	C																
		Section 394																																												
		(29083)	29083	29090	29100	29110	29120	29130	29140	29156																																				
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(27815)	A	CCCA	GAA	G	CTT	T	TCA	TA	AT	TAA	AC	T	AGT	AG	CT	G	AAA	T	ACT	G	AAC	T	AAA	----	GG	C	AG	C	C																
SARS-CoV-2 Reference Genome NC_045512.2	(27865)	A	TAAT	GAA	A	CTT	G	TCA	CG	CC	TAA	AC	G	A	CA	T	G	AA	ATT	T	CT	TG	T	TTT	T	CT	T	AG	GA	AT	C	A	T	C	A	AA	CT	G	T	A	G	C	T	G	C	A
		Section 395																																												
		(29157)	29157	29170	29180	29190	29200	29210	29220	29230																																				
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(27885)	T	GA	CA	C	AA	AA	--	GAA	CT	--	AAA	AT	CT	TG	--	ATA	CAT	G	AT	AC	AA	CAT	G	CT	AA	AGT	GA	AG	GA	AG	C	CA	G	AC	AA	AAAA	A								
SARS-CoV-2 Reference Genome NC_045512.2	(27939)	T	TTT	CA	C	AA	G	AAT	GT	AG	TTT	AC	AG	TC	AT	GT	ACT	CA	AC	AT	CA	AC	CAT	AT	GT	AGT	TG	AT	GA	CC	CGT	GT	C	CT	ATT	TC	A									
		Section 396																																												
		(29231)	29231	29240	29250	29260	29270	29280	29290	29304																																				
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(27954)	C	CCA	TAT	G	CT	TC	ATG	-	TG	TAT	G	AAA	----	TGT	C	C	AG	AA	T	AG	C	AA	ACC	CA	TAG	T	----	CA	GT	GA	GT	GG	AT	C	AG	G									
SARS-CoV-2 Reference Genome NC_045512.2	(28013)	C	TTT	TAT	CT	TAA	ATG	G	T	TAT	TAG	AG	TAG	GAG	CT	AG	AA	AA	AT	CAG	C	ACC	TTT	TA	AT	TGA	ATT	GTG	C	GT	GG	AT	C	AG	G											
		Section 397																																												
		(29305)	29305	29310	29320	29330	29340	29350	29360	29378																																				
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(28019)	--	GG	CT	TGG	GG	AA	CA	GGG	AGT	GAT	TT	CT	AA	T	GAG	TAT	G	GGT	TT	CT	TGG	G	CT	GA	-	T	AAAA	AT	TT	CT	GA	AAT	TA	A											
SARS-CoV-2 Reference Genome NC_045512.2	(28087)	CT	GGT	T	CT	TAA	AT	CA	CCC	AT	TC	AGT	AG	--	AT	CGA	TAT	C	GGT	AAT	TAT	TAC	AGT	TT	TCC	TG	TTT	ACC	TTT	T	TAC	AAT	TA	A												
		Section 398																																												
		(29379)	29379	29390	29400	29410	29420	29430	29440	29452																																				
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(28090)	A	AT	AGT	GGT	GAT	G	GG	TG	CAT	TAA	CC	CT	TTG	AA	TA	TA	CT	AAAA	T	CT	AC	TG	AA	TT	GT	TAC	TTT	TAA	-	AAG	TG	TT	ATT	TT											
SARS-CoV-2 Reference Genome NC_045512.2	(28159)	A	TT	-----	G	CCA	GG																																							

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		Section 400							
	(29527)	29527	29540	29550	29560	29570	29580	29590	29600
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(28235)	TAGAA	AAAACA	GCA	TGAGTT	ATT	TATTAT	ACTA	TTTGAAGGTCCACAAAT
SARS-CoV-2 Reference Genome NC_045512.2	(28294)	AAATCA	GCGAAAT	GCA	CCCCGC	ATT	-----	ACGT	TTGTGTGACCC
		Section 401							
	(29601)	29601	29610	29620	29630	29640	29650	29660	29674
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(28309)	AAGGATT	TATATAG	CAAGTC	ATTTTAA	TAGCT	TA--	CATA	AAGCAGTTT
SARS-CoV-2 Reference Genome NC_045512.2	(28362)	GAGAA	CGCAGT	GGGCG	GCAT	CAAAACA	ACG	TCGG	CCCCAAGGTTT
		Section 402							
	(29675)	29675	29680	29690	29700	29710	29720	29730	29748
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(28381)	GAACTCT	TTTGTAT	GTGTT	ATTGTT	GTCA	TAAATTA	ATAG	GCTCTA
SARS-CoV-2 Reference Genome NC_045512.2	(28436)	GCTCTC	AC	TCA	CA	T-----	GGCA	AGGA	-----
		Section 403							
	(29749)	29749	29760	29770	29780	29790	29800	29810	29822
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(28455)	CTGTTTT	A--	ACTTT	TC	AA	TTT	TTTTTTTT	TTTTT
SARS-CoV-2 Reference Genome NC_045512.2	(28496)	AACACCA	ATAG	CAG	TC	AGAT	GACCAAA	TTGGC	TACT
		Section 404							
	(29823)	29823	29830	29840	29850	29860	29870	29880	29896
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(28528)	GCTGGAG	TGCA	AA	CC	TC	CACC	TCC	CAGGTT
SARS-CoV-2 Reference Genome NC_045512.2	(28567)	CGGTAA	ATG	AA	GATC	TCAG	TCC	AGAT	G---
		Section 405							
	(29897)	29897	29910	29920	29930	29940	29950	29960	29970
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(28600)	CAGGCACC	TGC	AC	CAAA	CC	CGGC	-	TAATTT
SARS-CoV-2 Reference Genome NC_045512.2	(28638)	CCTATGG	-	TGC	TA	CAAA	GACGGC	ATC	ATATGGG
		Section 406							
	(29971)	29971	29980	29990	30000	30010	30020	30030	30044
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(28670)	GTTGCT	CT	CAAA	TCCTG	---	AC	---	CTGAA
SARS-CoV-2 Reference Genome NC_045512.2	(28710)	TTGGC	AC	CGCA	ATCCTG	CTA	AC	AATG	CTGCA

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		Section 407									
	(30045)	30045	30050	30060	30070	30080	30090	30100	30110	30118	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(28731)	TTACAGG	TGTGAG	CCAC	CGCCT	GGCCT	TAAACT	CAATTT	TTTAAAAA	TATTT	TTGGTTTT
SARS-CoV-2 Reference Genome NC_045512.2 (28784)		TTCTACG	CAGAG	GGAG	CAGAGGC	GGCAG	TCAAGC	--TCTT	TCGTTCC	TATC	ACGTAGTCGCA
		Section 408									
	(30119)	30119	30130	30140	30150	30160	30170	30180	30190	30192	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(28805)	TCTCAATT	TAGCTC	ATTCAAT	CAAAACA	ATAACT	TTTACT	ACTT--	TCGGTT	CAAT	TCAAA
SARS-CoV-2 Reference Genome NC_045512.2 (28855)		AAGAATT	CACTC	CAGGCAG	CAGTAG	AGGGG	AACCTC	TCCTG	CTAGAA	TGGC	TGGCAAT
		Section 409									
	(30193)	30193	30200	30210	30220	30230	30240	30250	30260	30266	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(28875)	ACTATT	TAATCC	CAGTTT	TAAGAT	GAAC--	--ATT	ATAA	CTAT--	C	AAGTTGAT
SARS-CoV-2 Reference Genome NC_045512.2 (28929)		TTGCTT	TGCTG	CTGCTT	GACAGAT	GAAC	CAGCTT	GAGAG	CAAAAT	GTC	GTAAAG
		Section 410									
	(30267)	30267	30280	30290	30300	30310	30320	30330	30340	30340	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(28932)	TATGCTGT	AAATAA	CATTTA	TGTTTC	--CTTT	TATTTAT	CATAGT	ATAT	AATTT	TATATT
SARS-CoV-2 Reference Genome NC_045512.2 (29003)		CAAACTGT	CATAAG	AA--AT	CTGCTG	CTGAGG	CTTCTA	AGAAG	CCTCG	GCAAA	ACGT--
		Section 411									
	(30341)	30341	30350	30360	30370	30380	30390	30400	30410	30414	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(29004)	CATAAATGT	CAGTTG	AACAAG	GGCTT	AATTG	AAACAT	TTCTTT	AGATCA	CAGAAA	AGATAG
SARS-CoV-2 Reference Genome NC_045512.2 (29068)		TAAAGCATA	CAATGT	AACA	CAAGCTT	TCGGC	AGACGT	GGTCC	AGACAA	ACCC	AAGGAAT
		Section 412									
	(30415)	30415	30420	30430	30440	30450	30460	30470	30480	30488	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(29078)	GAAATA	TTTCTCGA	AGATTAT	ACAAGG	TAAAG	AAGTC	ATTGA	ACAAAT	GTTTT	ATTGGAG
SARS-CoV-2 Reference Genome NC_045512.2 (29141)		GAACTA	-----	ATCAG	ACAAGG	-----	AACTG	ATTG	-----	ACAAAC	-----
		Section 413									
	(30489)	30489	30500	30510	30520	30530	30540	30550	30560	30562	
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(29152)	TATGGCT	CTCGGC	CTTC	TTA--T	ATTT	CAAGT	GTAC	CTTGAAAA	CAACT	CTTCTG
SARS-CoV-2 Reference Genome NC_045512.2 (29192)		TTTGGCC	CCAGCG	CTTC	AGCG	TTCTTC	GGAAT	TGTG	CG-----	CATTGG	CATGGA

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		Section 414															
	(30563)	30563	30570	30580	30590	30600	30610	30620	30636								
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(29225)	T T A A A	T G T G C	C A C A C A	C G T	C A G C A	C T A A T T	A C A C T	T G A	A A T C C	C A G A A	A A T C A	T G G C C	T C A T A G	T G T C T	G T G A A	A A G
SARS-CoV-2 Reference Genome NC_045512.2	(29260)	G T G G T	T G A C C	T A C A C A	G G T	G C C A T	C A A A T T	T G G A	- T G A	- - - - -	C A A A G	A T C	C A A A T T	T C A A A G	A T C A A	G T C A	A T T T
		Section 415															
	(30637)	30637	30650	30660	30670	30680	30690	30700	30710								
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(29299)	T G T C C	A G T C	A G C A	C A C T	A T T T A G	T G T T T	A C A C	T T T T	A C - -	A C T G A G	C C T T G T T	G A A G	A A G A A	A A T A G T	C T	
SARS-CoV-2 Reference Genome NC_045512.2	(29328)	T G C T G	A A T A	A G C A	T A T T	G A C G C A	T A C A A A	A C A T	T C C C	A C C A	A C A G A G	C C T A A A A	G G A C	A A A A A G A A	G A A G	G C T	
		Section 416															
	(30711)	30711	30720	30730	30740	30750	30760	30770	30784								
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(29371)	C T T C C T T G A	C A A T	C C T C T	T T T A T A	A T A C T	C A G A	C A T A A G G	G T T A T T	T T A T G T	T A T A G	T A A A C A C A	C A T A A T	C C A G			
SARS-CoV-2 Reference Genome NC_045512.2	(29402)	G A T G A A A C T	C A A G	C C T -	T A C C G C	A G A G A	C A G A	A G A A A C A G	C A A A C	T G T G A C	T C T T C	T T - - - - -	C C T G C	T G C A G			
		Section 417															
	(30785)	30785	30790	30800	30810	30820	30830	30840	30858								
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(29445)	A T A T	C C C A A A	A A T T	T C T	T A A A	A T T T	G A T G T C T T G T T	T T T T	A T A A T A	C C C A A A	A A T A A A A	C A G C T C	C T C	C T C	T T T A C	-
SARS-CoV-2 Reference Genome NC_045512.2	(29469)	A T T T	T G G A T G	A T T T	T C	C A A A	C A A T	- - - - -	- - - - -	T G C A A	C A A T C	C A T G A G C A G T G C T	G A C T	C A A	C T C A G G C	C T	
		Section 418															
	(30859)	30859	30870	30880	30890	30900	30910	30920	30932								
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(29518)	A C T	C T C	T G G A	A T A C C A	G C A C C C T	C C C T	T C T C	C T C C A T	C A - -	G T A T T T T	C T T G C A C	C T T T C A	G A G G T	T G C A C	A T T T	
SARS-CoV-2 Reference Genome NC_045512.2	(29532)	A A A	C T C A T	G C A G	A C C A	C A C A A G G	C A G A T	T G G G	C T A T A T A A A C	G T T T T T C G	C T T T T C G	T T T A C	G A T A T	- - - - -	A T A G		
		Section 419															
	(30933)	30933	30940	30950	30960	30970	30980	30990	31006								
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(29590)	T C T	C A G A	T G T	T G C A G	C - T G	C T T C	C A C T	G T G G T	T T G A C	C A T G A A C	A T T A T T	T G T G G	- - - -	C T T C C A T	G T T A G	
SARS-CoV-2 Reference Genome NC_045512.2	(29602)	T C T	A C T C	T T G	T G C A G	A A T G A A	T T C T C	- - - -	G T A A C T	- - A C A T A G	C A C A A G	T A G A T	T G T A G	T T A A	C T T T A A T	C T C A C	
		Section 420															
	(31007)	31007	31020	31030	31040	31050	31060	31070	31080								
Homo sapiens chromosome 13 NC_000013.11: 34882059...	(29659)	T T G T T	A T C C A G	T T A A A	A G C A G A A	A A C A G T	C T A G G G	T T C T	G T A T	T T G T C A	G C T T G A A	C T A C T	T A T A A C A A A	A T G T C			
SARS-CoV-2 Reference Genome NC_045512.2	(29671)	A T A G C A A	T C T T T A A	T A C A G	T G T G T A A C A T	T T - -	A G G G A	- - - -	G G A C T T G A A	A G A G C C A C A C A T	T T T C A C C G A G G C C						

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										Section 421															
		(31081)	31081	31090	31100	31110	31120	31130	31140	31154															
Homo sapiens chromosome 13 NC_000013.11: 34882059...		(29733)	ACAGACAGGGTGA	CTTAAGGAACAGAGATTTATTTATTATCTATT	TTATTTATATCTCA	AGTTT	TAGAC	TCTA																	
SARS-CoV-2 Reference Genome NC_045512.2 (29740)			ACGCGGAGTACGATCGAGTGTACAGTGAACAATGCTAGGGAGAGCTGCC	TATATGGAAGAGCCC	TAATGTGTA																				
		Section 422																							
		(31155)	31155	31160	31170	31180	31190	31200	31210	31228															
Homo sapiens chromosome 13 NC_000013.11: 34882059...		(29807)	AAA--AATTCAAGAA	CAAGA	TGCTTGGTCTTACCTCTCTCTGCGTCCTCACCT	GGCA	GACA	CTCTGTTGTCT																	
SARS-CoV-2 Reference Genome NC_045512.2 (29813)			AAATTAATTTTAGTAG---	TGCTATCCC	CATGTGATT	TTAA	TAGCTTCTTAGGA	GAAT	GACA	AAAAAAAAAAAA															
		Section 423																							
		(31229)	31229	31240	31254																				
Homo sapiens chromosome 13 NC_000013.11: 34882059...		(29879)	CTTCTTTT	AGGACACCAA	CGCTGTTG																				
SARS-CoV-2 Reference Genome NC_045512.2 (29883)			AAAAAAAA	AAAA	AAAA	AAAA	AAAA	----																	