

SARS-CoV-2 & T4.apr

		Section 1									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(1)	1	11	22	33	44	55	66	77	96	
	(1)	AATTTTCCTTATTAGGCCGCAAGGGCCTTCATAGTTTTAGCGATTTGGGAACTTCATCATCACTTAAAGAGTTGCGATAACCGATGAAGTCGGAA									
	(1)	-----									
		Section 2									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(97)	97	110	121	132	143	154	165	176	192	
	(97)	ACAATACGGAATTTCTTGGTAACTCAGCAACCATTTTATCACTGTTTTTTGAAGCATTATTTGATAATACATCAAAAAGATTAGTTACTGTCCAA									
	(1)	-----									
		Section 3									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(193)	193	198	209	220	231	242	253	264	275	288
	(193)	ATGTCATGACCGATGGTATCTTTTCCACCATTAATAATATACACCCTGTAATGAACCTAACCATATTAGCGAGTCGTGTATATTCTTCAGAAACTTCA									
	(1)	-----									
		Section 4									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(289)	289	297	308	319	330	341	352	363	384	
	(289)	TCTATACTGAAGTACTTCATCATAAAATCTAACTCAGGATACTTGATAATTTTATCAATATATCGTTTAGCTGAACTTGAATAACCTACATACTTA									
	(1)	-----									
		Section 5									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(385)	385	396	407	418	429	440	451	462	480	
	(385)	TCATAATCTACATCATCAAAAGCATCTACATATAAATCACGCAAAGCTTCAAAAATACATTGGCACTGACCGAGTTCTTTTACCTTTTTCTGTAAA									
	(1)	-----									
		Section 6									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(481)	481	495	506	517	528	539	550	561	576	
	(481)	AGCGGACGAATAACATAAAATTCATTAATGCCAATAAGATTAGCCATACGAATCAAAATATTCATAGATGGATGACAAAGAGATGTAGTACCATCC									
	(1)	-----									
		Section 7									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(577)	577	583	594	605	616	627	638	649	660	672
	(577)	ATAGAGAAAAATATCAGAACGATGCATATACGCTACATAACCAGTAATTTTCATCTGCTTCTGATGTGAGGCGTAAATAATTCCTCTTTTCCCAGCGC									
	(1)	-----									

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		Section 8									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(673)	673	682	693	704	715	726	737	748	768	
	(673)	CCGTCCTTTAATTTCAAACCTTAAACGCTGTAGCAGCTTTAGGACGAGGAGCTTTACTTTTAACTACCTTTGGAATATAACTTTTTACTAAAGCTTCA									
	(1)	-----									
		Section 9									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(769)	769	781	792	803	814	825	836	847	864	
	(769)	ATTTCTGACAAATAATGAATGTAACTTCATCACTTTCAAACATCGCCATAATATCAGGAAGCAAATCAATCTGCGATTCTACTTCTGGATTAATA									
	(1)	-----									
		Section 10									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(865)	865	880	891	902	913	924	935	946	960	
	(865)	AACAGAAGACGTTTCGTTATGATGAATATTCAAAGTGTTATTAAATTCACATCATCTAACGCACGTGCTAATCCACGGACAATATTAACACGATTT									
	(1)	-----									
		Section 11									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(961)	961	968	979	990	1001	1012	1023	1034	1045	1056
	(961)	TTAATATTATCAATAACGATATTAATTTTTGTTGTATTAATACCAAACAGACGATAACTTGATGCAACGGCTGAAGTTTCATGACTTTGCTTAATG									
	(1)	-----									
		Section 12									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(1057)	1057	1067	1078	1089	1100	1111	1122	1133	1152	
	(1057)	CGCTTCAGTCGAGGGTCAAGATTTACTTCATACACAACCTCCCGCGTTGCATAACTTACTGTCAGGTTCAAACATGCTCTGCATCTTTTTATATGAC									
	(1)	-----									
		Section 13									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(1153)	1153	1166	1177	1188	1199	1210	1221	1232	1248	
	(1153)	AGATTTTTAGTCGTGAATTTGACTGAATTACTAATCATATAATCTCGAGCAGAATACCCCATCTTCATCAATTCACGATATGTGTGACGAGGAGAT									
	(1)	-----									
		Section 14									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(1249)	1249	1254	1265	1276	1287	1298	1309	1320	1331	1344
	(1249)	GTAGATTCTTTAAATCGTTTTACATCTTCATTAAATGCTTTCTCACTGAGTTCTTTAACTCGTTCAATAATATTTTTACGAGTGCGATCATCCAGT									
	(1)	-----									

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		Section 15									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(1345)	1345	1353	1364	1375	1386	1397	1408	1419	1440	
	(1345)	GAAAGAGCCTCGCGAGATGGAGCAATATCAAGTGAACCCATTGGAAACTTAATGTAATTCACCTTCATTGCGAATGCTTAGCCAGTTACGGTCTCTA									
	(1)	-----									
		Section 16									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(1441)	1441	1452	1463	1474	1485	1496	1507	1518	1536	
	(1441)	ATAACACCATCGATAGGATAAACAATACCACCGTAGATAGCATATAATCCACCACGATCAGGCCAGTATCTTTCTGGATTTACACCGTAATAGTCA									
	(1)	-----									
		Section 17									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(1537)	1537	1551	1562	1573	1584	1595	1606	1617	1632	
	(1537)	TCAAAATCCGGAAAAATAATCAATTTTCGCGGTCAAGACCATTAAATGATAGCCAAATCTTTGAACGGTCGCATGATATAAGAACTTCATAAGCAAAG									
	(1)	-----									
		Section 18									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(1633)	1633	1639	1650	1661	1672	1683	1694	1705	1716	1728
	(1633)	TTTCTAAAGTCTTTTTCTTCAACTGGAACACTACGATTTCAATACCAGTTTTATCATCTGGACCCATTTCTTTTACGAATGTAGGTTTAATCTGTGGA									
	(1)	-----									
		Section 19									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(1729)	1729	1738	1749	1760	1771	1782	1793	1804	1824	
	(1729)	CCATCACCATCCATGTAAGCTACATAACCACGAATTTACCTTTATGATACGAAGTAATACTAAACGTATCAGTATAACTAAACGGAGATTTAGAA									
	(1)	-----									
		Section 20									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(1825)	1825	1837	1848	1859	1870	1881	1892	1903	1920	
	(1825)	CCTAAACCAAATCCGCCAATAAAGTCATTAGATTCAGCTTTAGATGAACTGAAGTATGAATTATACAACCCAGGAGAATTATCATCACCTTGAATA									
	(1)	-----									
		Section 21									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(1921)	1921	1936	1947	1958	1969	1980	1991	2002	2016	
	(1921)	TCAAAATCACTCATACCCGGACCAAAATCTCGACAAACAAATCGTGGGTCTAAACGTCCAGGAAGTTGTATGATAAATTTTTCAGGATTTCCATTA									
	(1)	-----									

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											Section 22
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(2017)	2017	2024	2035	2046	2057	2068	2079	2090	2101	2112
	(2017)	AGTGCATGAGCATCAATCATGTTAGTAATCAATTCACGGACTACTGCGCGAATCTTGTTTGTATACAAATCAGATGACAGAATTTTAAATACTTTA									
	(1)	-----									
											Section 23
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(2113)	2113	2123	2134	2145	2156	2167	2178	2189	2208	
	(2113)	GGAGATGCTGTGATGCTAAATGCTTTTGATTAGAACCAATTACCAAGAATTGTTTCTTTTTCAGTGGTGATAATCATAATTTCTCATTAAATTCAT									
	(1)	-----									
											Section 24
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(2209)	2209	2222	2233	2244	2255	2266	2277	2288	2304	
	(2209)	ATTACGCTTAATAACTTCAGCAACTTCTAGTAGTTTCATCTTTAGTTGCGGTGTCGGATTGAATTTTATCTCTAATATCTTTAAAGCGGGTTTTAAA									
	(1)	-----									
											Section 25
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(2305)	2305	2310	2321	2332	2343	2354	2365	2376	2387	2400
	(2305)	TTCTTCGGCTTCTCCCATATCGAAAAAGCGTTGAATGATTCTATATTCTCGATGAACTGCTTTATCAAAAAGTTCTAAATTTACTTTATATGATTT									
	(1)	-----									
											Section 26
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(2401)	2401	2409	2420	2431	2442	2453	2464	2475	2496	
	(2401)	CATTTCAATATCCTCATTTGCCCAATTAATTATACCACATCCTTGTTGGTAAAGTAACTACTGGCTCATCCATTCTTTACGAAGGTCAGCATTATC									
	(1)	-----									
											Section 27
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(2497)	2497	2508	2519	2530	2541	2552	2563	2574	2592	
	(2497)	TCCCATGAGCATTTCAAAAAGCTCTTTCAGTTCTCAGGAAGTTTAAACAACATCATATACTGGGTTTTGAATCATCTCACGATATTCAGATTTTTTC									
	(1)	-----									
											Section 28
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(2593)	2593	2607	2618	2629	2640	2651	2662	2673	2688	
	(2593)	CAAAGAGCCAAGTCCCTTAATATAACGGATGCTATGTTTAGGTAGAGCATCTTTGGCACTCTCATATTCAGCGACTGTATAAAACCATTCTTGTTT									
	(1)	-----									

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		Section 29									
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(2689)	2689	2695	2706	2717	2728	2739	2750	2761	2772	2784
	(2689)	TTTACCGACCTGAGCGATGATTACAGGAGTTTTGACAAAGCGAATTCGTCCTTGCTCAAACAATTCTGGCCAATTACTAAAAAATCCGAGCAGAGA									
	(1)	-----									
		Section 30									
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(2785)	2785	2794	2805	2816	2827	2838	2849	2860		2880
	(2785)	AGGATAAATAGAACCTAATCCAATAATCTCTTAATTATGAGGTATTTCTATAGATAGCCCAGGCTATCCATCGTGATCTGCGTCTGTCATAATA									
	(1)	-----									
		Section 31									
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(2881)	2881	2893	2904	2915	2926	2937	2948	2959		2976
	(2881)	GCGACATTTCGCATAGTTTCATTGAAGAGGATTTAATAGAACGACGAACATTGTTCTGCAATTTATATTTTTTCATATCAACGCTAGAAGAATCAATT									
	(1)	-----									
		Section 32									
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(2977)	2977	2992	3003	3014	3025	3036	3047	3058		3072
	(2977)	TTTACAAATTTTCATTATACACCTCATAGAACTTTTCATCAGGAATCCAACCGCGTTTAAATTCATTAAATGCTCGGCCGAATAATTTTGAATTCAC									
	(1)	-----									
		Section 33									
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(3073)	3073	3080	3091	3102	3113	3124	3135	3146	3157	3168
	(3073)	AGTTATATTATTAACTGATTTCCATTTAGCAACTCCCGTTTCGTTTATAATGATCGGGGTCATATTTTCGTGACGTACCATTTCATATAAATTTGGTAT									
	(1)	-----									
		Section 34									
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(3169)	3169	3179	3190	3201	3212	3223	3234	3245		3264
	(3169)	TAATTTTACAGCCTCTGGATTTGTCGCTGATTTATTATACCATGGTTTCGCTTTTTCAAGTTCAGCTGCTTTTGCAGTAGCAGCAACAGTATTTCC									
	(1)	-----									
		Section 35									
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(3265)	3265	3278	3289	3300	3311	3322	3333	3344		3360
	(3265)	AACACCAACTAATTTTTTCAGTTTTAATGCGTGGATCATTAACATGAAGACGAAAAACTTCGCCCTTTTCATTTTTTAAAGCATGTCATGCCTTTAAT									
	(1)	-----									

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		Section 36									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(3361)	3361	3366	3377	3388	3399	3410	3421	3432	3443	3456
	(3361)	TCCAGGAAGCTTAACACCTTTATTAACACCGCATCATTCCTTTGGGTTAAATGATCCTTTAATTAATAAGGCGCATTTACCCGATTTAACTACTTC									
	(1)	-----									
		Section 37									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(3457)	3457	3465	3476	3487	3498	3509	3520	3531		3552
	(3457)	TCATTCAACAACCTTTATCTTTCATAACGTTTTTTGACCATTTCAGATACTGCTCTTTGATGGCTAAATTCTAGCAATTTCACTATAATTTGCACTAG									
	(1)	-----									
		Section 38									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(3553)	3553	3564	3575	3586	3597	3608	3619	3630		3648
	(3553)	AACGTAAACTATTTTTTCAGTGTTTCAACATTCTATTTCATCGCATATGCCATTTACGATTACGATGAATTTTATATAGTAGAAAAATAGTGCTAAAA									
	(1)	-----									
		Section 39									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(3649)	3649	3663	3674	3685	3696	3707	3718	3729		3744
	(3649)	AGTGTTTCACGAAAAAGTCATGTTTCACCAAATTTTCGTTATCATCAGAACCTCCCATTGATCTTGGAAGGATATGATGAATTTACCCCTTAAATTTA									
	(1)	-----									
		Section 40									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(3745)	3745	3751	3762	3773	3784	3795	3806	3817	3828	3840
	(3745)	GAAACGCGGGTTTTACCCCGCACTATTAAGTCATTATAGATTTTTTCGTAATTCACCTACTGTTATCCATTTACCATTAATCTGTACTTCATCATT									
	(1)	-----									
		Section 41									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(3841)	3841	3850	3861	3872	3883	3894	3905	3916		3936
	(3841)	TTCATTTACGATAATTGTATCGCCATTTAGCTCGAAAGTAAACCACTCGCCATCTTCTTTTTCTTCAAACGCTTTTTTACCGAGAAGTAGACCAGT									
	(1)	-----									
		Section 42									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(3937)	3937	3949	3960	3971	3982	3993	4004	4015		4032
	(3937)	GATTGCGCAAATATCAAATAGTTCTTTGTTTTAAGCATATCTGCATAAGACATACCCCAACTGTTGAGAACTTTACCACGCAATGGATAACCACC									
	(1)	-----									

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		Section 43									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(4033)	4033	4048	4059	4070	4081	4092	4103	4114	4128	
	(4033)	GTGAAGTTCTTTATCACGAACATCAATAAGATATCCGATAGCCGAATCACCCCTCAGTCAAGAAAAGAGTAGTATCAGCATCTTTACCGCAAAGATT									
	(1)	-----									
		Section 44									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(4129)	4129	4136	4147	4158	4169	4180	4191	4202	4213	4224
	(4129)	CGCTTTGATATGTTTATGAACCTTAGCTTTAGAAGCCTTTTTAGCTGCTTTAGTTTCTGCTGCTTTTTCTGCCGCCAATTTACGAGCCAAAGCAGC									
	(1)	-----									
		Section 45									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(4225)	4225	4235	4246	4257	4268	4279	4290	4301	4320	
	(4225)	TTCAATAATCGGCATTAGAATTGCTTCATTATTTAGAATATCACGTGAAATCTTTTTAGCATCAAGTTGAATATGACTACGAATTTGCCAAATGG									
	(1)	-----									
		Section 46									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(4321)	4321	4334	4345	4356	4367	4378	4389	4400	4416	
	(4321)	AGAAGTCAAACGCTCTTTAGTTTGACGAATCAATCGCATGTTTTTCATATCACGAACAAACATAACGATAGTCAAACATTCTTTGACACGTGCTTT									
	(1)	-----									
		Section 47									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(4417)	4417	4422	4433	4444	4455	4466	4477	4488	4499	4512
	(4417)	AGTCACATCAATTTTGAACCTTACGTTTGATTTGTGGAATAAGGTCTTCACAAATATCATCCATAGCGCAGTCAATGTGATGGCCACCATTCTTAGT									
	(1)	-----									
		Section 48									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(4513)	4513	4521	4532	4543	4554	4565	4576	4587	4608	
	(4513)	ATGAATGTTATTGACGTATGTTAATTGACGAAAACCATCCGGTGAACGACCAACCGCAATAGAACAATTTCTTGCTCTTGAACAATAGCATGTTT									
	(1)	-----									
		Section 49									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(4609)	4609	4620	4631	4642	4653	4664	4675	4686	4704	
	(4609)	ATCATACTGCCGTGCATATTTCTTAAAAATTGCCCTGAACCTTTTTACCATTAAAGGTAAATTGAATATCAGGATAAACTACAGCAAGTGTCTGGAG									
	(1)	-----									

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		Section 50									
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(4705)	4705	4719	4730	4741	4752	4763	4774	4785	4800	
	(4705)	ACGATCCAGTGTAATGTCAAGATAAACTTGGGACAGCTCATTAGTTTCAAATGACATAAAATCAGGAATGAAAGTAACACGAGTTCCTTTCCATTT									
	(1)	-----									
		Section 51									
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(4801)	4801	4807	4818	4829	4840	4851	4862	4873	4884	4896
	(4801)	TCCAGGAATATCTTCCCATGATTTATTTTCCATGCCATTTGAACAACGAACTACAATATTATTTTGACCGTCGCCAGTTTCACCGACAAACATCAC									
	(1)	-----									
		Section 52									
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(4897)	4897	4906	4917	4928	4939	4950	4961	4972	4992	
	(4897)	AGAAAAAATGTTTGTCAAACCTAGAACCAACACCGTTTCATACCGCCGGTGACGCGTTCTTTATCATCACCAAAGTTACCACCTGCTTTTGGAAATAGT									
	(1)	-----									
		Section 53									
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(4993)	4993	5005	5016	5027	5038	5049	5060	5071	5088	
	(4993)	CCATGCGGCAACAGGACCAGGAATTTCTTCACCGGTAGGTGTTTTAACCATCGCTTGTTGGAATACCGCGACCGTTATCTTCAACTGTTACTTGATT									
	(1)	-----									
		Section 54									
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(5089)	5089	5104	5115	5126	5137	5148	5159	5170	5184	
	(5089)	GTTTTTAATAGTAACATTAATTTTATTCGCGAATTTAACTTAGTACGAATACCTTCATCTACTGAGTTATCGATAATTTTCATCAATAAGCTTAAC									
	(1)	-----									
		Section 55									
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(5185)	5185	5192	5203	5214	5225	5236	5247	5258	5269	5280
	(5185)	AAGACCAGGTACATACTGAACACTTTCCCATTTACCAAACATAAAGCGCTCATGCGTTTCATTAGCAGAAGAGCCAATGTACATGCCACTACGCTT									
	(1)	-----									
		Section 56									
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(5281)	5281	5291	5302	5313	5324	5335	5346	5357	5376	
	(5281)	TTTGATATGTTCAATATCGCTCAGAAATTTTAATTTTCATTCTTAATCATCACTTATCCTCGTTTGTTTCGGGAATATTATACTCCGGTAATCATAA									
	(1)	-----									

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		Section 57									
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(5377)	5377	5390	5401	5412	5423	5434	5445	5456	5472	
	(5377)	AGCTAAAGGCCCGAAGGCCTTTTATTTAAAACGAATAGTTGAATCCTTAAAGAACAGCCCAGAACATACTGTTTCCTTCTACTTTCTGCCCCGGTAGG									
		Section 58									
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(5473)	5473	5478	5489	5500	5511	5522	5533	5544	5555	5568
	(5473)	TCCAATAGCACGAAATCCAGTATGCTGGAAATCATTTTCAGAGCAACCGAACCAATTATATCCAGTGATTTCAATATTAGTAAAACCACTTGAAGA									
		Section 59									
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(5569)	5569	5577	5588	5599	5610	5621	5632	5643	5664	
	(5569)	CAAAACTTTGGTTGCATTAATCAGCATCAGTACTATTAATTAAAGACACTGCTAATACTAATGCTGCAATTGAACGACTAATATATTTTCATAACTA									
		Section 60									
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(5665)	5665	5676	5687	5698	5709	5720	5731	5742	5760	
	(5665)	CCCTTTAAGCAAGTCGTAAAATCCATTATTCCCATGCTTAGGAAGCGGAAACTAACCGAACAGCCAGCCGATGACAATCAGGACATACACCAGTAT									
		Section 61									
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(5761)	5761	5775	5786	5797	5808	5819	5830	5841	5856	
	(5761)	CTCTTCAGAAATTTTCTTGATTTTTTCGTATTCTTTTGCACAGTCTTTGGATTGACATTTATAATCATAAAGCGGCATAATTATTCTTTAAAGTA									
		Section 62									
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(5857)	5857	5863	5874	5885	5896	5907	5918	5929	5940	5952
	(5857)	AGCTTTCAACATCTGATATAAAGACCACGCCTGATCATTATTTTCAATAGTAACTTTTCATGACTGGGAATTCTGTGAAATCTTCTATTTGTTCTTG									
		Section 63									
T4 NC_000866.4 SARS-CoV-2 NC_045512.2	(5953)	5953	5962	5973	5984	5995	6006	6017	6028	6048	
	(5953)	CTCTTTCTCTTCCTGCTCTTGCTCTTCAACCGCCTGATATGGATTTTCCACTTCATCAAAGAACCCAGCTTCGTTAGTAGAGAGCCAGATAAAGTT									

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		Section 64									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(6049)	6049	6061	6072	6083	6094	6105	6116	6127	6144	
	(6049)	TTCGTCAAGGATATCACC GCCGGCACAACGTTTGAGTACACCTATGGATGTCATAATTTTAGTAGGACGCCCAAGATAATCAGCATCTAAAATTTT									
	(1)	-----									
		Section 65									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(6145)	6145	6160	6171	6182	6193	6204	6215	6226	6240	
	(6145)	AAAAGGCTCCATACCTAAACGTCGTGCATAGATTCCGTTATCAGTATGGTCTTTAATAAAATTTTCTTGAGCTTGTTTATTTTTAAATTGATACCA									
	(1)	-----									
		Section 66									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(6241)	6241	6248	6259	6270	6281	6292	6303	6314	6325	6336
	(6241)	TTTATTAAC TTCAAATTTAATAGCCATTAATAAATTTCTTCCAGTAAGTTGTGCCGTCTTCAGTAATTTACGAAATACACCATAAATTGGCTGT									
	(1)	-----									
		Section 67									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(6337)	6337	6347	6358	6369	6380	6391	6402	6413	6432	
	(6337)	TTATCACCGACTTTCTCATACACATAAACAGAGTCAAGTGAGTAACTTGCTAGTATGTTTCTTTGAACTACTACCAAATTTGGATCAAATAAT									
	(1)	-----									
		Section 68									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(6433)	6433	6446	6457	6468	6479	6490	6501	6512	6528	
	(6433)	ACATCTTCAAATTCATCATTAGTGCAATTCTGAACAATTTTACGTTTCATTACAATTTCTTCATTAATTGAACAGTGGAGCGATACGTTTCAGAAG									
	(1)	-----									
		Section 69									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(6529)	6529	6534	6545	6556	6567	6578	6589	6600	6611	6624
	(6529)	AGTATCAACACCTTTAGCGAATTTTCCATTTTATTCTCCAAGTTGTTTTCTGTATCAGTAGTTGATATTGATATAGTACCATAATCAACTACTGAT									
	(1)	-----									
		Section 70									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(6625)	6625	6633	6644	6655	6666	6677	6688	6699	6720	
	(6625)	GTATATAGTTTTATGAAAAATTTAAACTTTATGCATAGAGAGCATTGCTATAGTGTTTAAATCCAACCTTTCAGGAATGACTTTGTATGTTTCCTAAAA									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 71									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(6721)	6721	6732	6743	6754	6765	6776	6787	6798	6816	
	(6721)	ATACCACGTTGTACAACCTTAACACCATCTTCTACCCATTGATCGGTAATGTATCCACACATAGCGCGAGTATAAACAACCCTTCCATCATCTTTAA									
	(1)	-----									
		Section 72									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(6817)	6817	6831	6842	6853	6864	6875	6886	6897	6912	
	(6817)	TAAAGTTAAATTCACAAGGAGCAATGAACCTTGATAGCCTGACCGAGTTTCCACTTAAAGTCTACACCTACATGCGAAGTATCAATCGTTTCAATTC									
	(1)	-----									
		Section 73									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(6913)	6913	6919	6930	6941	6952	6963	6974	6985	6996	7008
	(6913)	CTTTAGCAGGAACAGCTTTTAAAAACGCAGACTCAAGAAATTTGCGACGAACATAGCCAAACTGGGGTTTAGACTTTCCATCTTTAGGAATGATAC									
	(1)	-----									
		Section 74									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(7009)	7009	7018	7029	7040	7051	7062	7073	7084	7104	
	(7009)	GCACTTTTACTTCAGAATCTTCATCTTTAACACCATGCTTAAGCTGAATGCTTACAACCTCGACCAATTTTCCTGCTGCTTTAGAACGGGATTTAT									
	(1)	-----									
		Section 75									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(7105)	7105	7117	7128	7139	7150	7161	7172	7183	7200	
	(7105)	CAGATACACGAGCTAATTCACCAATATTAATAATCATAGTTATCTCTCACTTGTTAAAAAGATTTTATACTCCACGGGACCATTATACTCTGGTCC									
	(1)	-----									
		Section 76									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(7201)	7201	7216	7227	7238	7249	7260	7271	7282	7296	
	(7201)	CAAGAGTTTGTAACCTATTAATTCAAAATAGCTACCACTGCACTACGAGGAACCTACGGAGTACTCTCCAGCATGAACTACGTTTCAAGTTCAACG									
	(1)	-----									
		Section 77									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(7297)	7297	7304	7315	7326	7337	7348	7359	7370	7381	7392
	(7297)	CCATCTTCCAATCCATTGGTCAGTTACCCAACCAACCAATCGGATTCGCAAATGGACGACGAATGTAAACTGCCTTACACAACAAATCAGTCGGGTC									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 78									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(7393)	7393	7403	7414	7425	7436	7447	7458	7469	7488	
	(7393)	TTCAGGTTTTTCAATTTCTGTCAATAGATTAATAATCTTCTTCATAGATGATGAATGATGATACCCTTCCATAATAGTTTCTAATTTCCATGTACAC									
	(1)	-----									
		Section 79									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(7489)	7489	7502	7513	7524	7535	7546	7557	7568	7584	
	(7489)	TGTACCAATGAGAATTCCACTATTAACACTAATGACAGTAAAAGGATATCCGCCAGTTGTACCAAGAAGTTCCCAAATTTGCTATCAGTCGTATT									
	(1)	-----									
		Section 80									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(7585)	7585	7590	7601	7612	7623	7634	7645	7656	7667	7680
	(7585)	CGACATTGTCTGAAAAATCAATTTTCAGATGGTTTTTTTCATTTTGATACGCAGTATTAATTTTAATCATAATTTTCTCTTTAGTTTAAGGTAATAAAGC									
	(1)	-----									
		Section 81									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(7681)	7681	7689	7700	7711	7722	7733	7744	7755	7776	
	(7681)	CTTTTAGTTTCGGCATAGGATTTACGGAACATTACTTGATGCCCGCCAATGATAACTTGGTCATCTGGTACTTCGTATACAGCAAGATAAAATCCTT									
	(1)	-----									
		Section 82									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(7777)	7777	7788	7799	7810	7821	7832	7843	7854	7872	
	(7777)	TCGAAGCTAATTCTTCACGCTCTTCTCGTGTGAACCATTTTCATCATATCATATTCGCTAGCAAAGCAAATGATAAAGAGCTACAAACCATCCGG									
	(1)	-----									
		Section 83									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(7873)	7873	7887	7898	7909	7920	7931	7942	7953	7968	
	(7873)	GAATATGATATTCTACTCCAACATAATCTTCTTGAACCTAGTATTAATTACGATATTAGCATTTTTAACTAATAGTTTGTCTTCGTGCGGCACAG									
	(1)	-----									
		Section 84									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(7969)	7969	7975	7986	7997	8008	8019	8030	8041	8052	8064
	(7969)	GAATTCCTTTTATTATCATTACTATGATGCATAAAATTAGGTCTGTCATAACCTACATGTAATAACCACTCTTCACTCCATGAATCTATTATACTTC									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 85									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(8065)	8065	8074	8085	8096	8107	8118	8129	8140	8160	
	(8065)	TATACGGCGTTATTGTAACACAAAGATCTCGGCGTATTGTTATAGCGTCTTCATAATTAAGAATACTAAACGATGATTCAACACGATAAATTTTCA									
	(1)	-----									
		Section 86									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(8161)	8161	8173	8184	8195	8206	8217	8228	8239	8256	
	(8161)	TTTTATTATCCTCAGTAGCTATGGTGTTATAGTACCACAACCTAACCGAGGAAGTAAACAACCTTTTTATCGTTTTGTTGGAAGAGATAGAGGATCGC									
	(1)	-----									
		Section 87									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(8257)	8257	8272	8283	8294	8305	8316	8327	8338	8352	
	(8257)	ATTCTTCCTCTGATGGAGCATCTTCAAGACCCATAGCATATCGCAAAGCATACTTCATCATCAGGATGTCTTTCGCACAGTCATGAATAGAATCAT									
	(1)	-----									
		Section 88									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(8353)	8353	8360	8371	8382	8393	8404	8415	8426	8437	8448
	(8353)	GTGCAACGAATCCATCTAAAGTTCCCTTTGGAAGAGGACACGTTGTCATATCACGAACAAGCAGAAGTGCTTCAATTCTAGTACGAATATCACGCT									
	(1)	-----									
		Section 89									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(8449)	8449	8459	8470	8481	8492	8503	8514	8525	8544	
	(8449)	GATTCCAAAATTTACAAGGTTCTAACTTAAATGTATCAAGCTCATTCTCGGAAACGCCGTTAAGACGTTGAATATCGCGAATAAGATCGACTAAAA									
	(1)	-----									
		Section 90									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(8545)	8545	8558	8569	8580	8591	8602	8613	8624	8640	
	(8545)	TTGGAAAATCAAACGACATTCCACGGCACCAGCCTTGAGATTTCCAAGGATCGATATTATGTGCATTGATGTAATCATTAAATTTTGCAATACCGT									
	(1)	-----									
		Section 91									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(8641)	8641	8646	8657	8668	8679	8690	8701	8712	8723	8736
	(8641)	CGATAGTGCTTACATCTTCATCGGATGGTGCAATATTTTTTCGAGCTTCAGGAGATTGATTCTTCCACCATTCGATAGTACTTTTAGTAAAAAGAC									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 92									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(8737)	8737	8745	8756	8767	8778	8789	8800	8811	8832	
	(8737)	GGTGTCTTTTTGGCTTTTAAATCAAATTTGATTTTAATGCCACGTGAAACTAATTCATCGAATGTTTCAACTACTTCTGGATTAGGGTCAAAAG									
	(1)	-----									
		Section 93									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(8833)	8833	8844	8855	8866	8877	8888	8899	8910	8928	
	(8833)	CAATTACAGCCAAATCAATAACCGCTGCTTTTTACCACCTTCCCATTGTTTCAAATCTATAATAAAATCAAACATTAAATTTTCCTCGCTAAATC									
	(1)	-----									
		Section 94									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(8929)	8929	8943	8954	8965	8976	8987	8998	9009	9024	
	(8929)	ACGAATTTGACCTACAGTATAGTCTTGAATATAAACTTTTATTAATAGGCTCATCAATAAAATTTTGCCATAGATTCAATATCTTTTGTATTTCTTC									
	(1)	-----									
		Section 95									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(9025)	9025	9031	9042	9053	9064	9075	9086	9097	9108	9120
	(9025)	AAGACTGTATACTATCTTTGAAGCTTTTTCGCGAATAGTGATATTTTCAGGACCCGGATTTTCTTGAATGACAACCTTTAACATTTGTCATAAGAGA									
	(1)	-----									
		Section 96									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(9121)	9121	9130	9141	9152	9163	9174	9185	9196	9216	
	(9121)	TTTAAACTGGTACCAACTTAATTCATTAATAATCGCCTCATAAAGATAGCTAATTTGCGCTAAACATAATCATTGATTGTAACAGTTTTAA									
	(1)	-----									
		Section 97									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(9217)	9217	9229	9240	9251	9262	9273	9284	9295	9312	
	(9217)	CTTCACCGCAAAAGAATTCTAACGCAATTAAATCTCGTTCAATTTCTTCTAATTGAAGCATCAACTTACTAGATTCAATTTTTACAGTTTCACGAT									
	(1)	-----									
		Section 98									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(9313)	9313	9328	9339	9350	9361	9372	9383	9394	9408	
	(9313)	TTTTGCTATAAGCTATTTCAATAATTTGCTTACTTTATCTTGAAGAAGATAAACTGATCTTTAGTTATTTCCACGAATAGCTTCCTCAAATTTA									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 99									
	(9409)	9409	9416	9427	9438	9449	9460	9471	9482	9493	9504
T4 NC 000866.4	(9409)	ATCATACATAAAACACATCATAACGACCACGGGTGACACCAACATAAAGAAGTTGTTGAGCTAATTCAACATCTGCATAATGAATACAAGGCGTAT									
SARS-CoV-2 NC_045512.2	(1)	-----									
		Section 100									
	(9505)	9505	9515	9526	9537	9548	9559	9570	9581		9600
T4 NC 000866.4	(9505)	AAATGAAAGCACGGTCTACAGACATACCCTGCGCTTTATGGAATGTTGATGCAGGAAGTGCTTTCACTTTACTAAACTGTGATTTAGCATCCCAAA									
SARS-CoV-2 NC_045512.2	(1)	-----									
		Section 101									
	(9601)	9601	9614	9625	9636	9647	9658	9669	9680		9696
T4 NC 000866.4	(9601)	AATCACTCCACGGAGCTTTTCCGCCTTTGTTCCAATTTTTATAAGTTTCTGCTGTTTTAGCTAAAAATAGGTTAACTTATACAATTCTTCGTCAG									
SARS-CoV-2 NC_045512.2	(1)	-----									
		Section 102									
	(9697)	9697	9702	9713	9724	9735	9746	9757	9768	9779	9792
T4 NC 000866.4	(9697)	ATGAAATTATTTTAATCTTTTCACGATAATATTCATCATCGCCATAAGTTTCTACTGTAAATCCCAATGACGAATTAGATATTCTCCAGGAACAC									
SARS-CoV-2 NC_045512.2	(1)	-----									
		Section 103									
	(9793)	9793	9801	9812	9823	9834	9845	9856	9867		9888
T4 NC 000866.4	(9793)	CACGGGCTTTAACAAACGTTGATGTATACTCTGCTTCTATAATACGAACTAATTGTCCGTTATTAAAAATAATTTCTGACACAGGCTTTCCATCAA									
SARS-CoV-2 NC_045512.2	(1)	-----									
		Section 104									
	(9889)	9889	9900	9911	9922	9933	9944	9955	9966		9984
T4 NC 000866.4	(9889)	TTTTATATGTTTTAAATAATGGTTCCTGCATTACAATAATTTACCGACAATAAAATCTTTATCAGTTTCAAAAATCTTTTTACGAATAATGCTAT									
SARS-CoV-2 NC_045512.2	(1)	-----									
		Section 105									
	(9985)	9985	9999	10010	10021	10032	10043	10054	10065		10080
T4 NC 000866.4	(9985)	TTAACTTGTC AACAGATTTATTCGTAAATGCCATTACGCGATTTTCAAACAAATCATCTAGTGATTTGACGATTGAAAAATAATTTACCATAAAAT									
SARS-CoV-2 NC_045512.2	(1)	-----									

SARS-CoV-2 & T4.apr

Section 106											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(10081)	10081	10087	10098	10109	10120	10131	10142	10153	10164	10176
	(10081)	CGCGTAAAGCGGTATCACCAGTAAATCCACGTACTCCATGCCCGTCAACAACCTTTATCATAATTCCACTTACCGTTGCGAACGTCAGTAGCTACAT									
	(1)	-----									
Section 107											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(10177)	10177	10186	10197	10208	10219	10230	10241	10252	10272	
	(10177)	CAATAATAGGAGCATTACTGCGTTTAACTTCAGTGAGTTCACACTGATAAAAAATCTTTATGTGTAAAGAATGGACTGATATAAGCAGTATTTTCTC									
	(1)	-----									
Section 108											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(10273)	10273	10285	10296	10307	10318	10329	10340	10351	10368	
	(10273)	CTGGTTCAACAGGTCTGATTTGCTTATTATCCCCTATTCCAATTATAGTACACCAAGGTGGAATAGTTGAAAGCAGAATTTTAAATAGCTTTCTAT									
	(1)	-----									
Section 109											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(10369)	10369	10384	10395	10406	10417	10428	10439	10450	10464	
	(10369)	CATACATTGACACTTCGTCGCAGATTAATACTCTGCATTTGGCTAAATCAGGTACTTCTTTTTGTTCAAAAAGAACATTTTCTTCATATGTTACTG									
	(1)	-----									
Section 110											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(10465)	10465	10472	10483	10494	10505	10516	10527	10538	10549	10560
	(10465)	GGTTAATTTTAAGAATACTATGAATAGTACTCGCTTCTTTCCCTGATAGTTTTGAAAGAATCTTTTTAGCTGCATGTGTAGGAGCTGCTAAAATAA									
	(1)	-----									
Section 111											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(10561)	10561	10571	10582	10593	10604	10615	10626	10637	10656	
	(10561)	TACCAGTTCCACCCGTAGATATTAAAGCTTCAATGATGAACTTAGTAAGAGTAGTCTTACCGGTACCAGCAGGTCCATTAATAGTTACATGATGTT									
	(1)	-----									
Section 112											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(10657)	10657	10670	10681	10692	10703	10714	10725	10736	10752	
	(10657)	TCTTTTCTTTAATAGCCTTCATAACAATGTTAAAGGCATTTTTCTGGCCTTCGGTCAAATCATCAAATGTCATCGTAAATTCCCTGCAATTGGTAT									
	(1)	-----									

SARS-CoV-2 & T4.apr

Section 113											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(10753)	10753	10758	10769	10780	10791	10802	10813	10824	10835	10848
	(10753)	ACTAACAATACGCCAGTATCTAAAAATTCGCTGATATAATCTTTGCGTGTCTACGTCAGGCTTAACATGTTTAACTTCTATTTTATTAAACCAAAA									
	(1)	-----									
Section 114											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(10849)	10849	10857	10868	10879	10890	10901	10912	10923		10944
	(10849)	TTTACGTGGAGTCTCAACTAATCTTGAATTCCCTTACCTAAAGCTAATCGATACTGCTCTTTAAGAGTGGTAAATACTTTATCAGCAATCTTCCA									
	(1)	-----									
Section 115											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(10945)	10945	10956	10967	10978	10989	11000	11011	11022		11040
	(10945)	TTCAAAAAATACAGCAGGACGATGTTTCATCAAGCGGAACCTGGCGCTGTAAATCCGTCTTTGTCTCGGTAAACTATCGCATATACATAAACCATATT									
	(1)	-----									
Section 116											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(11041)	11041	11055	11066	11077	11088	11099	11110	11121		11136
	(11041)	ATCCTCGGATAAGTTTAAAAATTGAACAATTTAGCGGATATCCTCTTTTCAGTTTAAAGTTTATCAATAAAAGACAAATTTTGATACCGCTCTACAC									
	(1)	-----									
Section 117											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(11137)	11137	11143	11154	11165	11176	11187	11198	11209	11220	11232
	(11137)	CTTGAATAATTTTATCACACATATCATATTGCATTTCTGCTTCTGACAACTTTTTCACAATTTTCCAATCCGAGCCTTTAAGAAGAACGTTCAATT									
	(1)	-----									
Section 118											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(11233)	11233	11242	11253	11264	11275	11286	11297	11308		11328
	(11233)	TAACAACCTTCAGCGCCTTCTGCTATGCGGAGAACCATCAATACGTGCTTTAAGTGCTATAATTCTCAGCTTAATGTCAGAGGTCTGTTTTGATTTAG									
	(1)	-----									
Section 119											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(11329)	11329	11341	11352	11363	11374	11385	11396	11407		11424
	(11329)	AAAGCTGAGAAATGTGTTCAATTCGATTTTTCACGTTTTTCTGTATAGCTTTAATTTGATTATAAGTCTTTTTGATTTTAGCCCATTTCTTTTCAT									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 120									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(11425)	11425	11440	11451	11462	11473	11484	11495	11506	11520	
	(11425)	CTAAATTTAGTTTATGAACTTTTTTCGCAGATGAACGACCAATTTCGCAAAGCAAATAAATCACGCTTTTCAATCAACTCTTCTAAAGTATAATCAG									
	(1)	-----									
		Section 121									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(11521)	11521	11528	11539	11550	11561	11572	11583	11594	11605	11616
	(11521)	AACGAAATGTATTATACTTTTTCTTTACTGCAATAACATTCCCTTTAATGTATCCAACGTTATTATCAAAACGTTCTAATGATAATTTCTCTCCTT									
	(1)	-----									
		Section 122									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(11617)	11617	11627	11638	11649	11660	11671	11682	11693	11712	
	(11617)	CAATACGATTATCAAAAAGGTTCTCCCGAGTAAGCACAAACTTTTTGATCTAAAATGTTCTTAATGTAATTGAAGTCTAAGTTAAAATCTTTAGAAC									
	(1)	-----									
		Section 123									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(11713)	11713	11726	11737	11748	11759	11770	11781	11792	11808	
	(11713)	GTCTTTTTTGCAGATGCCTGAGTATGCTCTAAACGACGTTTAAATTTTACGAATTTGGTTATTAGACAGCTTCATATTTTTCTCACATCTTACGGACG									
	(1)	-----									
		Section 124									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(11809)	11809	11814	11825	11836	11847	11858	11869	11880	11891	11904
	(11809)	GTTAACTACTTATACTATAACATTTTACTTTAACTTGTAACAACCTTTATGAAAAATGCTTTAAACCTTTCATGGTATAATGAATCTAAGTCCTT									
	(1)	-----									
		Section 125									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(11905)	11905	11913	11924	11935	11946	11957	11968	11979	12000	
	(11905)	CCATTATAGATTAAATCCTTCAAAATCAAGAGTATAGATAGTGTATGTTGAACACTTTTTATACTCATATCTATCTGCAATTCTAAATACACTTCC									
	(1)	-----									
		Section 126									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(12001)	12001	12012	12023	12034	12045	12056	12067	12078	12096	
	(12001)	AGCTGGTATCATTACTTCTTGTTTCATCTGAAACTAATTCATATTACGATAACGATGACTATCCGGAACTTAAAGTTTGGATTGTATTCTTTACA									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 127									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(12097)	12097	12111	12122	12133	12144	12155	12166	12177	12192	
	(12097)	GCGTAGAGCTTTTATAGCATACTCCTGGAAATTGAATACCATAGGAGCTTTGAATTCAAAAATAACTTGTTGTGTTATACTCTAAACCAGAAGCAAA									
	(1)	-----									
		Section 128									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(12193)	12193	12199	12210	12221	12232	12243	12254	12265	12276	12288
	(12193)	ATGTAGAGCTATATTTTATCATATGAAGCTGATACGACTTTATCAAATGTAATAATATCAATTCCTTGATTTAATACTTGTTTAGTCTCAGCTGG									
	(1)	-----									
		Section 129									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(12289)	12289	12298	12309	12320	12331	12342	12353	12364	12384	
	(12289)	AACACCTCTCCAAAGAGGTTTATCGTTTGGAACCAAACGAGATTTGATTATTTCAATTAACCAAGAATGGTCATCTGGTTTATTAGTAATACAATG									
	(1)	-----									
		Section 130									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(12385)	12385	12397	12408	12419	12430	12441	12452	12463	12480	
	(12385)	AATTAAAAAGTTCAATTTTCAGATAAATTAAACCCTTCAGAAAGTAATTCCTTCACGAATAGAAGCACGCACCGATGCATCCATTGATTTTATTTTAAA									
	(1)	-----									
		Section 131									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(12481)	12481	12496	12507	12518	12529	12540	12551	12562	12576	
	(12481)	ATCTTTTAGTTGCATTACTGAGTATTTCAATCAACTACCTCAATATCATAAACTTTAAATGTTCCAAATGAATCGTGTAATTTTCTTTTGAAATA									
	(1)	-----									
		Section 132									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(12577)	12577	12584	12595	12606	12617	12628	12639	12650	12661	12672
	(12577)	GAAGTTATTTTATACTTTCCAATTGGAATCATCCATTCTTGTTACGCACAAATCATCATTAAGTTATCAGTACGCTCTGAATCTAATCCATCAGTA									
	(1)	-----									
		Section 133									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(12673)	12673	12683	12694	12705	12716	12727	12738	12749	12768	
	(12673)	TCTTCATACGTGTACTTAAACTCAGTATTAGGAGAAGAAAGTATAATATCGCTGATATGGTCAGAATAATTAAAAGCTTTATCAGTTTTTAAACGA									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 134									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(12769)	12769	12782	12793	12804	12815	12826	12837	12848	12864	
	(12769)	AGTATTGTTTCAGTGAAATATTCAGCATAAGAAAAAGAACACGCTGTATGCAAACTAGTAGTAAATGAATCTACCCTGTTTCGTTGAAAACACTTCT									
	(1)	-----									
		Section 135									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(12865)	12865	12870	12881	12892	12903	12914	12925	12936	12947	12960
	(12865)	CCAAC TTGTAAATCTTTAATGAGTCTTTTGTCGATTTTGATATACCACGATATAATTGATAAGGCGATTTAGTTAAATGCTTTTTAATGATTTCA									
	(1)	-----									
		Section 136									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(12961)	12961	12969	12980	12991	13002	13013	13024	13035	13056	
	(12961)	TTTAAATGCTTATGAAGAGCTTCATTCTTTTTGGCTTCCATACATTGCCAAAGAACAGACTGCTCAAAGTCAGTAAATTTTTCACAGACCTTTTTA									
	(1)	-----									
		Section 137									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(13057)	13057	13068	13079	13090	13101	13112	13123	13134	13152	
	(13057)	TACATATCATATTGAAAAATCAACGCTTTCAGCTTTTATAGATAACTGTTCAACATCTGCAAGATTAATAATCATGATAGCCTCCGTATACTTCAGA									
	(1)	-----									
		Section 138									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(13153)	13153	13167	13178	13189	13200	13211	13222	13233	13248	
	(13153)	AGCTATCATATCATCGTTAGAAAGGAAAGTAAACAACCTTTTTGAATTATTTTGCCAGGGAGCCCAAGGCGGAGGGTCAAGATGGTATGAAGCTAG									
	(1)	-----									
		Section 139									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(13249)	13249	13255	13266	13277	13288	13299	13310	13321	13332	13344
	(13249)	TTCTTCTAGAAGAGCATCTGGGGCTTCAATTCCATAATTCTGTAATACTATACGGTACTCTTTCTTATAATCACTAGAATCATTCTGGTTATTCGT									
	(1)	-----									
		Section 140									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(13345)	13345	13354	13365	13376	13387	13398	13409	13420	13440	
	(13345)	AGAATGATTATCTTCTAACATCTCAAATAAATCCATATTAATTCCTAGCGATAAAAACCAAATTTACGATTAGTTTCAATGATCTTTCTTTCTTCT									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 141									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(13441)	13441	13453	13464	13475	13486	13497	13508	13519	13536	
	(13441)	TCGGACATTCTCCAGCGTAGTCCAACATCAAAATGAGCCCAGACCATCCTAACAAATGCATTTATATCTTTAATATCTTCAATAATGAATGTTTTA									
	(1)	-----									
		Section 142									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(13537)	13537	13552	13563	13574	13585	13596	13607	13618	13632	
	(13537)	CTTTTAGAAGGTTGACTCGCTAATTTAACTTTATCGTCTTCAAACATGTCAAAAAGACCATATTCATGAGCTCTTTTATAGCCTTTAATAGTTAA									
	(1)	-----									
		Section 143									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(13633)	13633	13640	13651	13662	13673	13684	13695	13706	13717	13728
	(13633)	GCTTCAGAAGAAGAAAAATGGTGAATCTGTATTCTGCAAAATATCTTCAGTATGCTTTATAATTAGAATAATATTTTCTGGATATTTCTTTCTTT									
	(1)	-----									
		Section 144									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(13729)	13729	13739	13750	13761	13772	13783	13794	13805	13824	
	(13729)	ATATCTTTAATTAAAAAATCCGGATTTTCTGCTAAAGGAATAATTAATGAGCAATTTTTATCAAGTGTATTTACTGATTTACCTTCTTTAGACATA									
	(1)	-----									
		Section 145									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(13825)	13825	13838	13849	13860	13871	13882	13893	13904	13920	
	(13825)	AATTCTATTGAATATAATTTTGCTACTTCAATCATGTGATTTCTTTTGCTTACTAATGGACCGTCAGGAATTTATTTTCTGGATATATTTCTC									
	(1)	-----									
		Section 146									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(13921)	13921	13926	13937	13948	13959	13970	13981	13992	14003	14016
	(13921)	ATTTTCTTCCATCATTTTACTGCCAATTTAAGAAGCAAATCCATTGCTTCATTTGCTTTGCTTTAGCTTCTTCTAACGTCATATCTTTGTTTCAT									
	(1)	-----									
		Section 147									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(14017)	14017	14025	14036	14047	14058	14069	14080	14091	14112	
	(14017)	GATTTATCACCATAGATGTCTCTCATCAATTTAAGCGCTGAGCGTTCTAGTTTCTTTTCTTTCTCAGCACTAATCATTGATTTTCATCCATTCTTCT									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 148									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(14113)	14113	14124	14135	14146	14157	14168	14179	14190	14208	
	(14113)	GATTCATTCTGCATTTCTTTATTTGCTTGTTCAACCCAACCGTCATCAATATACATTGAGTTTGGTCTATTGAACCATTCAAGCATCTTCTTCAGA									
	(1)	-----									
		Section 149									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(14209)	14209	14223	14234	14245	14256	14267	14278	14289	14304	
	(14209)	ACTTTCATTTCGTTTTACCTAAAACAATAGTAGGAGCATCGTCAAATTTATGAATTTTGTAGCAAATTTGGATTTAAATTATTCCATAAAGAGGTAAT									
	(1)	-----									
		Section 150									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(14305)	14305	14311	14322	14333	14344	14355	14366	14377	14388	14400
	(14305)	AAAATATGATAGCGCACTTTCGTCCGTAATTATAAAATTTATTTCTTTATCTATTTTCCAATCATATATTGAATCATATGAATAGAAAGGATAACGG									
	(1)	-----									
		Section 151									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(14401)	14401	14410	14421	14432	14443	14454	14465	14476	14496	
	(14401)	TTTATTATTATAATATGCTTCAGCAACATCAATATAGTTAGATTTAGTAAATGCTTGAATTGCCATAAATGGAGAATTTTGTACAGTTTCAATAAT									
	(1)	-----									
		Section 152									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(14497)	14497	14509	14520	14531	14542	14553	14564	14575	14592	
	(14497)	TCCGATCTTTTTAAGTTTTATTTCAACATCTTCTGGAATTGGCATTGAAATAAAATCTTCTACTAGATACATATTATTGTTCATATCTTTTATCAAT									
	(1)	-----									
		Section 153									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(14593)	14593	14608	14619	14630	14641	14652	14663	14674	14688	
	(14593)	CATTACTGCTACAGTAATTGGAACATCCTTGACAAACGCCATACTAATACTATTGATAGACATTTCAAACAAAATTGCTTCCATAATTTTCTCAA									
	(1)	-----									
		Section 154									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(14689)	14689	14696	14707	14718	14729	14740	14751	14762	14773	14784
	(14689)	TCACAAGATGTAGATGAACAACTAGAATCACAAGAACTCCACATGAATCACCTGCCCATACATGAACAGGAACATTAGTATCATATGAATCAGAA									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 155							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(14785)	14785	14795	14806	14817	14828	14839	14850	14861
	(14785) (1)	CTAGACTGTGTATTCTGTGTGTTAGATGATGTAGTAGGTGTTGACCAGCGCCAAGGATTTTTATAATATTCTTGGGCTTCTTCATAAGTCATAGTA							
		Section 156							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(14881)	14881	14894	14905	14916	14927	14938	14949	14960
	(14881) (1)	ACTGCTTCTACTGTTCCATCTCCCATATAAACATATTCAACTACAGTTAAAGGAAGGTAGTCATTTGAAATAGGAACTACACCTTCCCCAGGAGTT							
		Section 157							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(14977)	14977	14982	14993	15004	15015	15026	15037	15048
	(14977) (1)	GTAGAGAAAAAATCCGTAAAGAACTTTTAAACCAATTAAAGATAAACATTACAAAAAGCCTCTTTTGAATTGACTTGCTTCTCACCATAATCAT							
		Section 158							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(15073)	15073	15081	15092	15103	15114	15125	15136	15147
	(15073) (1)	ATCGAATCTCTACATTAAATTCGACAGAACCATCTGCGTACATCATAAATGAATGCACAACAACCTTCTGTAGACCATGGTTGTAGTTCATATTTCT							
		Section 159							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(15169)	15169	15180	15191	15202	15213	15224	15235	15246
	(15169) (1)	TCATTACATGTCGTGAAATGATAATATCTAAATCTTCATTTGGTTTAAATCCAACGATTTAACATAGTACTCTCCTCTATAAGATAATTCTATTATA							
		Section 160							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(15265)	15265	15279	15290	15301	15312	15323	15334	15345
	(15265) (1)	CCATACTCATTTTGGAAAAGTAAACCATTTAAATGAAAAAAGGACTCCCGAAGGAGTCCTTGAGTTATTAAACCAGTTACTTTCCACAAATCTTCATT							
		Section 161							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(15361)	15361	15367	15378	15389	15400	15411	15422	15433
	(15361) (1)	TGCAGCAATCCATTCAGTACGTTGATTTTCTTCATATACTGTAGAATATGCTGCTTTTTCTGAAGGGAATGTCTGGTAATGAGCGCCAGAAATTTT							

SARS-CoV-2 & T4.apr

		Section 162							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(15457)	15457	15466	15477	15488	15499	15510	15521	15532
	(15457)	GTGAACGTCAGAATAAAGAGGGAAAGCTACAGAAATTTTCCTTTCCTTCAATTTTCTTATTTCCATCTAATTTCTGCTCAAATGTTTTGATATTAAC							
		Section 163							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(15553)	15553	15565	15576	15587	15598	15609	15620	15631
	(15553)	ATAACCGCGAGTACTAGCCATGTAATTCTCCTTTATTTAAATTACATGATTATTTATACATCTTCTTTTCTGAATAAGTAAATTAAATTCCTTAAGA							
		Section 164							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(15649)	15649	15664	15675	15686	15697	15708	15719	15730
	(15649)	GCCGAACCTTGTTACATCATATTTTCCTTTAAGCGCCTTTACAACCGGGCCTGTTGCTGGTTTACCTAAAGAAACCCATAACTCGTGTATTTTCGCTT							
		Section 165							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(15745)	15745	15752	15763	15774	15785	15796	15807	15818
	(15745)	TTAAGTGGTTCATGCCAATGCGGTGCTTTTCTTTGCGCCCTTGAAGTTCCTTCTGAAATCTTTTTATTTCCGCCATTCTGAATAAACTTTTTTCATT							
		Section 166							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(15841)	15841	15851	15862	15873	15884	15895	15906	15917
	(15841)	ACTTCAGATTGCCGAGCTTTTCTTCTGCCCTATTTTGGGCTATACGTTGTGAATTCTTCATCCGAGTTTTTGTTCAGGATTGTTTAATCTAAGT							
		Section 167							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(15937)	15937	15950	15961	15972	15983	15994	16005	16016
	(15937)	TTATGTTCTAATCGTTGTTGCTCAGTCCATTTTCTTCCTTCTCCACCCTGACCACCAGGAGAAATATTAATGCAAGTATCTGGGTGTTTACGTTTT							
		Section 168							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(16033)	16033	16038	16049	16060	16071	16082	16093	16104
	(16033)	AATGCAGATATTAGCTCACGTTCAACTTCATATGATTTTTCTCTAGAACCATGGCATTTTGACCATCGTATTTTATAATTAAATCCATACTTACGA							

SARS-CoV-2 & T4.apr

		Section 169									
		(16129)	16129	16137	16148	16159	16170	16181	16192	16203	16224
T4 NC_000866.4	(16129)	TATATGTTCCATAGTATTTTACCTGAACCCGGATATTTATCATTATATGGATTTACAATAAATGATTCATGTTTCCCAGCGTACCAAAAGACGCCT									
SARS-CoV-2 NC_045512.2	(1)	-----									
		Section 170									
		(16225)	16225	16236	16247	16258	16269	16280	16291	16302	16320
T4 NC_000866.4	(16225)	TTCGGCGTCCTAACTTTTACTATATATGTTCTATAAAATTTTTGTTTAATATCCATTATCTTGACGTTCAAATTTATGTTTGTTCTTCAGATAATA									
SARS-CoV-2 NC_045512.2	(1)	-----									
		Section 171									
		(16321)	16321	16335	16346	16357	16368	16379	16390	16401	16416
T4 NC_000866.4	(16321)	AAGTTTAAAGATTTCTTCCGCATTCATTCCAAGGCCAACAAACATATTTAATACGAAATGAAATATATCCACAAGCTCAAATTTAATTTTCGAGCTG									
SARS-CoV-2 NC_045512.2	(1)	-----									
		Section 172									
		(16417)	16417	16423	16434	16445	16456	16467	16478	16489	16512
T4 NC_000866.4	(16417)	GTCTTCGGGGGACATTTTCATCAATGCGTTTTTCTTGCGCTTCAATATAACGTGCTTTCCATTTTTTCCATACAGCAGAAGCTTCTTTTTTCACCACG									
SARS-CoV-2 NC_045512.2	(1)	-----									
		Section 173									
		(16513)	16513	16522	16533	16544	16555	16566	16577	16588	16608
T4 NC_000866.4	(16513)	TGACATTTACCAAGAGAAGTCAGAAGTTCGCGGAATTCATCATCAATACAGTCTTTTTGTTTCACGCATCCAAGAAACAACATCACCGGCAGTTTC									
SARS-CoV-2 NC_045512.2	(1)	-----									
		Section 174									
		(16609)	16609	16621	16632	16643	16654	16665	16676	16687	16704
T4 NC_000866.4	(16609)	TAATTTATCTGGATGATAGCAGTATTCGCGGACATTAGCCAAACGAATCTGTAAAAACCGCTGCATATCAAGCATAACTTGCAGCGGATCTTTTTTC									
SARS-CoV-2 NC_045512.2	(1)	-----									
		Section 175									
		(16705)	16705	16720	16731	16742	16753	16764	16775	16786	16800
T4 NC_000866.4	(16705)	ATCACCGAGAATATCCCAGTATTCATTTTGAGCTTTATCAACACCTTCGATCAAATGAGCACATTCATTAAAGTGAGCCATTAGTTTTCTTTCAA									
SARS-CoV-2 NC_045512.2	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 176									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(16801)	16801	16808	16819	16830	16841	16852	16863	16874	16885	16896
	(16801)	TTCATTAATAAGTTAAATAATTATATCATTTGAGTATGTAAGCAATTAATTAAAAATATATACTTCATCAGTTCCATTCTTTCTTTGGAATGATA									
	(1)	-----									
		Section 177									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(16897)	16897	16907	16918	16929	16940	16951	16962	16973		16992
	(16897)	TATGTTAAAGACGTATTTTTTATTAAGATGCTTTACATTATATTTTTTAGACCATTCTTTAAGAAGAGTGTTTTCTTTCCGTGGTGTTCTAAAC									
	(1)	-----									
		Section 178									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(16993)	16993	17006	17017	17028	17039	17050	17061	17072		17088
	(16993)	ATTGACTGCCCAAATTTTATTCCTCTATCATTTAAAGAATCTAAAAGATTTAAAGGTCTTTTTCTTCATCTTCTGACCAAATTTATTATAATC									
	(1)	-----									
		Section 179									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(17089)	17089	17094	17105	17116	17127	17138	17149	17160	17171	17184
	(17089)	AGCAACTGTTATGAGATACGGAGGATCTACATATACAAAATCGCCGTCTAAAATTTTAACATCTTTAAATGCAATGAACTAAAGATTATTTTATC									
	(1)	-----									
		Section 180									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(17185)	17185	17193	17204	17215	17226	17237	17248	17259		17280
	(17185)	ACAATTTTGTAAAGTGATTATATTGTTTTTCACTATTTTGTATAGTTCTTTTCCAAACGGAGTAGTAAATTTCTTTATCGTTTATACG									
	(1)	-----									
		Section 181									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(17281)	17281	17292	17303	17314	17325	17336	17347	17358		17376
	(17281)	AATCATATTACTAAATCCGTGAAAATGAAGAACATAAAGTAAAAGAGGATCTCTAGTTTTATTATAATCTTCACGTAATTTCAAAAACCTTTCTTT									
	(1)	-----									
		Section 182									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(17377)	17377	17391	17402	17413	17424	17435	17446	17457		17472
	(17377)	TGATGTTTTTGATAGTTTGATTGCTTTATTACTTTTAAAACGTCATCCCATGATACATTAATAAGACGCTTATACATTTCAATAATTGGTTCTTG									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 183									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(17473)	17473	17479	17490	17501	17512	17523	17534	17545	17556	17568
	(17473)	AATATCATTGGCCAATACAGGGCCATTAACATTCAAAGACACTGATAAACCTCCACAAAATAAATCCACGAATCTGTTATATTTTGGAAAGTGAGA									
	(1)	-----									
		Section 184									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(17569)	17569	17578	17589	17600	17611	17622	17633	17644		17664
	(17569)	TTTGAGTTCAGGTAATAATGATTGTTTATTACCTGTATACGCGATAGCTCCTAGCATTATATTCTCTCATTTATTGCAGCAAAAATGAATTATACA									
	(1)	-----									
		Section 185									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(17665)	17665	17677	17688	17699	17710	17721	17732	17743		17760
	(17665)	ATTCTTCATCATATGTATTTGATAGTAATACTAACACGTTTTGCGATAAATATTAATTTAAAGGAGGATATATATGGTACAAAAATTAATGGCACT									
	(1)	-----									
		Section 186									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(17761)	17761	17776	17787	17798	17809	17820	17831	17842		17856
	(17761)	TGTTAATGCCATAAAAAGGTAATAAGAAACGTATAGCTTTTACTATTTCTACTATGGTAGGAATTTTACTCTGGAACTTTATTTTATCACCTGTTGC									
	(1)	-----									
		Section 187									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(17857)	17857	17864	17875	17886	17897	17908	17919	17930	17941	17952
	(17857)	AATTGCACATGGTGTTAATATTCAGTAGTTACTCTTGATACATTTCGTAGATTTAGCATTTGCTTTAGTTGGGTTAATTTAAATCTTAGCATATTT									
	(1)	-----									
		Section 188									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(17953)	17953	17963	17974	17985	17996	18007	18018	18029		18048
	(17953)	AGATAGCCGCATTTTAGCCATTAACCCCTGGGCAATATTATTTTTCATATATTCCATAATTTGTTTCAGGGGTTGCACCTTCCTTTCTAATCATATC									
	(1)	-----									
		Section 189									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(18049)	18049	18062	18073	18084	18095	18106	18117	18128		18144
	(18049)	ATTAACATCTTTTGATTTCCAGGGAGATTTATCCCAAAACATAACCCTTTCTCCTGCATCAACTAATTTAGTCATTTCGTTTAATAGTGTTCAGGGTG									
	(1)	-----									

SARS-CoV-2 & T4.apr

Section 190											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(18145)	18145	18150	18161	18172	18183	18194	18205	18216	18227	18240
	(18145)	ACGAGGTTTCATTATCTAAGACCCACACACGTCTATCTTTAAATGGAACAACCTTCTAGGTCTAATTGACCGCCCGTAATAGCTATACCATTTTCAAT									
	(1)	-----									
Section 191											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(18241)	18241	18249	18260	18271	18282	18293	18304	18315		18336
	(18241)	AAAAAGTGAATCTATAGGTCCTTCTAGAACATATACATCACCATCTTTAACTCGTTCGACTCCATAGATTTTTGTTGCCTCAGGATAAGCTTCGAT									
	(1)	-----									
Section 192											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(18337)	18337	18348	18359	18370	18381	18392	18403	18414		18432
	(18337)	GGTGATATATTTTTGAGGAGCATCTTTCTTTAATGCACGTCCTTGAAAAGACTCAGCTTTTCCATTAGCATTATAAATTGGAATAACAAGACGAGG									
	(1)	-----									
Section 193											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(18433)	18433		18447	18458	18469	18480	18491	18502	18513	18528
	(18433)	CTCAGAAATTTCTTTTTGTATGTTCCCGGTGCTATGCTATTAATACTAATTTAGGCCATTTCGGTTGTAAACCAAAGATATTTCCATTTATCCTTTGG									
	(1)	-----									
Section 194											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(18529)	18529	18535	18546	18557	18568	18579	18590	18601	18612	18624
	(18529)	AATACAACGAGCTTTTACGTATTTTATAATTGGATGGTCTTCCGCCAGTTTATCTAATCTAACACATGACGGAAGAGATTTAATTATTTTCTTCTC									
	(1)	-----									
Section 195											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(18625)	18625	18634	18645	18656	18667	18678	18689	18700		18720
	(18625)	GGGTTGTTTAGGAAGTTCTTTAGGTTTTTCTATTGGACGACTTTTACCTTTTTCTTTTCTTATTTCAAAGATATACTCACGATATAAATCGGGTTC									
	(1)	-----									
Section 196											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(18721)	18721		18733	18744	18755	18766	18777	18788	18799	18816
	(18721)	AAACTCCTTTAAATATATTCCGATTGGTGCATGATAGTTACAGTTATAACAATGAATATTTCTTCATTATTATCACCATAATACCATCCACGGGC									
	(1)	-----									

SARS-CoV-2 & T4.apr

										Section 197
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(18817)	18817	18832	18843	18854	18865	18876	18887	18898	18912
	(18817)	TTTATTCTGGTCGGTTTTTGAATCTCCACAAACAGGGCATCTAAACCGTAATTTAAAAGTTGAACATTATTTACTTGTGTGAATTTAGGTAAATG								
	(1)	-----								
										Section 198
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(18913)	18913	18920	18931	18942	18953	18964	18975	18986	18997 19008
	(18913)	AGCTAATGCACGGTATGCAAACTCATTATCAATCCAAGGTATTGATGACATTTTTACTCTTCTTTTCTTTAGATTCTCTTTTTCTTTTTAGGA								
	(1)	-----								
										Section 199
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(19009)	19009	19019	19030	19041	19052	19063	19074	19085	19104
	(19009)	ATCTGTTTCAGGACCTTTATTTACTACAGCGCCTGATGTTGTTCCAATAGAGATATTTTCAGGATTACCACCTGAATCTCCAGCGACCATATCTTCT								
	(1)	-----								
										Section 200
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(19105)	19105	19118	19129	19140	19151	19162	19173	19184	19200
	(19105)	TTGATAAATTCTTTAAATGTTTTCATATTAACCTCTATTCATAAAAGCATTAAAAATTTGGTCATCAATAGAAACATTTACTTTAGGCTGTTTTTC								
	(1)	-----								
										Section 201
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(19201)	19201	19206	19217	19228	19239	19250	19261	19272	19283 19296
	(19201)	AGATGGCAATTCATATCCACATATTACAATTTTATGATCAATATCAAAATACACAGAAGCAATATGATTAATGATATTTTCAGTAAAGTCTAAATC								
	(1)	-----								
										Section 202
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(19297)	19297	19305	19316	19327	19338	19349	19360	19371	19392
	(19297)	AACATCAATATCTTTTTGACCAAAGCCCAAAGGATAAATAATGCGAGTAATTCGATTATCTTTAACAAAGATTCCACCGACATACTCTGTGCTGCG								
	(1)	-----								
										Section 203
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(19393)	19393	19404	19415	19426	19437	19448	19459	19470	19488
	(19393)	TTTAAAGTCTACACGCCGACGAAATGAAAAATATTCAGGCTCTTTATGAGCTCGGCTCATAGGACACAACGAATAACTAGAATAAGAGATGTCAAA								
	(1)	-----								

SARS-CoV-2 & T4.apr

		Section 204									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(19489)	19489	19503	19514	19525	19536	19547	19558	19569	19584	
	(19489)	TCCTACGCCTTCAATATGAACTAAATTGTCATGATTAAACCAATTATAATCATATGCCAAGTCCATTAGATTGTCATATGTGAAAAGCACCGGATT									
	(1)	-----									
		Section 205									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(19585)	19585	19591	19602	19613	19624	19635	19646	19657	19668	19680
	(19585)	AACATCATTGGTCACAAGCATATAATTAGCAACTGCTATAATTTTCATTATTTTAAACGAATACAAACCGTGATTGATGCGAATGGCCTGGACCTGC									
	(1)	-----									
		Section 206									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(19681)	19681	19690	19701	19712	19723	19734	19745	19756	19776	
	(19681)	GTTTTACAGATTAATGATATAACACTGGGCACCTTTATATTTGTACGTGTCCTTTACACTTGTGCATTTGATAAAGCATTATTACCTACCACTTCA									
	(1)	-----									
		Section 207									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(19777)	19777	19789	19800	19811	19822	19833	19844	19855	19872	
	(19777)	GCGATGATATTTTTGTTATTAAAGTTTTTATCGCAATACAGAACATAAATTATACTGCATTACACCACCAGACTTAAGCTGTTTTTGCACCTCAGCT									
	(1)	-----									
		Section 208									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(19873)	19873	19888	19899	19910	19921	19932	19943	19954	19968	
	(19873)	TTCATTTTCAGGACGATCACGCTTAACGATATTCATAATATCTGCTTCAATTTGAGTTTCAACCTCAGTCTGATCCGCAGTCATAGACCATTTCGCAC									
	(1)	-----									
		Section 209									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(19969)	19969	19976	19987	19998	20009	20020	20031	20042	20053	20064
	(19969)	AAATCTTTATCATAACCTGCCATAGCAGGCTGAGCAGCACAGAAGCTAAAGCAAAAATTGTAGCAAAGATGAATTTTTTCATGATAATCTCCTCA									
	(1)	-----									
		Section 210									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(20065)	20065	20075	20086	20097	20108	20119	20130	20141	20160	
	(20065)	GTAGTTTATGTTTATATAGTATCTCAATTTCCAACAAAAGTAAACAGTTATTTTAAAAATTTCTGCGTAATCACATGTTACAAACTGTTTCTCTAAC									
	(1)	-----									

SARS-CoV-2 & T4.apr

										Section 211	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(20161)	20161	20174	20185	20196	20207	20218	20229	20240	20256	
	(20161)	TTGACGATTTTACGAAAGTATCTTTTGCATTGGCGAATCTGCCTCTTCGTAGGGCGAACAGCAAACCTTAATAAATTCCACTCGACCAAATGGAGGG									
	(1)	-----									
										Section 212	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(20257)	20257	20262	20273	20284	20295	20306	20317	20328	20339	20352
	(20257)	CTTTCTTCTGCTGGAATATCTAACACCAATTCCCACGTATCTGCAATAAGTGCTTTGAATTGCGTATTTTTCTGACGTTATACGGAGTAGGTTTA									
	(1)	-----									
										Section 213	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(20353)	20353	20361	20372	20383	20394	20405	20416	20427	20448	
	(20353)	AATAAAACAATATGCATATTATCCTCGGCAATCCACTTCACATACTTTCTTGTCAATGAAAGCTTTAACTAATGCTTTATTAACTTCAGCATA									
	(1)	-----									
										Section 214	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(20449)	20449	20460	20471	20482	20493	20504	20515	20526	20544	
	(20449)	TTGAGTAGTAGCCCATTTGAACGTCATCTTTTCATCATTGTGATTTCTTTAGTAAACATGCTTTCATTCTTAAACCACCCATAAAACTACCTTTAC									
	(1)	-----									
										Section 215	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(20545)	20545	20559	20570	20581	20592	20603	20614	20625	20640	
	(20545)	CAATTCCATAACAATCTCCTCATTTAACCGACAAGACTACTATACCATAGTCTTGTCAGCTTGTAACCTAAAATTTAATTCATTTCGCCAAAGCAT									
	(1)	-----									
										Section 216	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(20641)	20641	20647	20658	20669	20680	20691	20702	20713	20724	20736
	(20641)	CTAACTGAGCTCGAGTCGATTCAATTTCTTTTGATAGCGATTCTGCTCAGCCTGAATCTGTTGTGAACCTGCTACTTCGTTCACTTCAGTTGGAGTAG									
	(1)	-----									
										Section 217	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(20737)	20737	20746	20757	20768	20779	20790	20801	20812	20832	
	(20737)	AATCTTGTTCAATTTCTACCCATTTTGTGATTTCTTTTGAACACCCATCAAAAACCTTATTCCACTTATTCTTATCACCATATCGTGATTTGATTT									
	(1)	-----									

SARS-CoV-2 & T4.apr

										Section 218
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(20833)	20833	20845	20856	20867	20878	20889	20900	20911	20928
	(20833)	GCTTAATGAGTTGTTGTTTCAGCAGCTGCTAGCTCCTCGGTTTCAATGACCGCAAGCATAAAAATCGGCTGTTGCTGGAAGACCGGCAGATTCTGCAA								
	(1)	-----								
										Section 219
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(20929)	20929	20944	20955	20966	20977	20988	20999	21010	21024
	(20929)	TATCGCTCATGTTAACATCGGAAGAGTCCCAAGCTTGTTTACCAACCTGTGCTGCAGTCCAAAGAACAGTTTCGGTTTCAACAGCCAGAGCACGTA								
	(1)	-----								
										Section 220
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(21025)	21025	21032	21043	21054	21065	21076	21087	21098	21109
	(21025)	ATTCTCTGCAATAGCTTTAACAGTTGTGTAACCTATTTTCTGAATAAACTCTAATGCGGCAAGATTTACAAATACCTAGATAGTCGACAATAATGA								
	(1)	-----								
										Section 221
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(21121)	21121	21131	21142	21153	21164	21175	21186	21197	21216
	(21121)	TTGTTGGAACAAAATTCTTCTTGAGCTTCAATTCGTTTAAAAGTGATCGAAATGTATTAGCGTCTGCTCCACCAGTAGGATACTGTTTAAACGATTA								
	(1)	-----								
										Section 222
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(21217)	21217	21230	21241	21252	21263	21274	21285	21296	21312
	(21217)	AACGACCAAGAGTAGATTTCTCACGCCATTTTCCATTTTTCCTTTATACTCAGCGTAAGAAATATGCCCATCATCAATGTCATCAAGAGAAACAT								
	(1)	-----								
										Section 223
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(21313)	21313	21318	21329	21340	21351	21362	21373	21384	21395
	(21313)	CAAGCATATTAGCGTCAATACGTTTAGCACAGACTTCTTCTGCCATTTCCATGGAAATGTAAAGAACATTATGTCCGAGCTGTAAATAATCTGCCG								
	(1)	-----								
										Section 224
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(21409)	21409	21417	21428	21439	21450	21461	21472	21483	21504
	(21409)	CTAATGAACACAATCCTAATGATTTACCAACGTTAACGCCAGCCATTAAACGTTTCAGTGTTCCAGTTTCAGCTCCGCCTTTTCGTAATTTTGTTC								
	(1)	-----								

SARS-CoV-2 & T4.apr

		Section 225							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(21505)	21505	21516	21527	21538	21549	21560	21571	21582
	(21505) (1)	GAATTCTGAGTTTAAATGGAACCTTACGAGCTTTATTCATATAAGATAGCCAACGTGCTTCGTAGTCATCCATCCAATCATGACCAACGTAACAT							
		Section 226							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(21601)	21601	21615	21626	21637	21648	21659	21670	21681
	(21601) (1)	CAAATGAAATTGATAATGCCTGGCGCATGATGTCAGGAATAGCACCAACATCCGGCATTCTTATTTCTGTTTTTCCGGAGGAAGCTCAGCATTAG							
		Section 227							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(21697)	21697	21703	21714	21725	21736	21747	21758	21769
	(21697) (1)	TTTGAATTTTCGATTATTTTAGACGTAGCATTAAACATCGCCCTTTGCTGAACATATTTTCTGTTTCTTTTACTAACCAGCTGTGGTCTTCCGGAG							
		Section 228							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(21793)	21793	21802	21813	21824	21835	21846	21857	21868
	(21793) (1)	AATCAGCCAGTTTTGAAATAAGTGTTTTTACACCAGAATATTCTGTTTCAGTAAATGAACATATTTTCTAATGCAACATTTAACGCATTAATAGATG							
		Section 229							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(21889)	21889	21901	21912	21923	21934	21945	21956	21967
	(21889) (1)	GAACGCTATGGTACTCATTAACATGAGATTTAATTAATTTGAATGTATTTTCTAGCTGGACCACTTTCAAATATTCTGAATCCATATATGGCCAAA							
		Section 230							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(21985)	21985	22000	22011	22022	22033	22044	22055	22066
	(21985) (1)	CTTTTGAAAAATAAGCTTGATCAAATATGAGATGAGAAAGAATAATTTCTACCACACTTACTCCTTAAAGAATTTAAATTTTTCTTTGACCTTT							
		Section 231							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(22081)	22081	22088	22099	22110	22121	22132	22143	22154
	(22081) (1)	TATTAAATGCATCTTGACGTTGCATTGTAATACATTTTTCTACATGAGGAGCTAACTCAGCTTTTCTTTCTTGGTCAAGAACAGCAAAGTCCATTA							

SARS-CoV-2 & T4.apr

		Section 232									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(22177)	22177	22187	22198	22209	22220	22231	22242	22253	22272	
	(22177) (1)	CAACCTTTCCATCAACCCAATCCAGTTTAGTTACATACACTATATGCGTAGAACCATCTTCTAGTTTAATGACAATCTCCTGGATAACATTTTCCA									
		Section 233									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(22273)	22273	22286	22297	22308	22319	22330	22341	22352	22368	
	(22273) (1)	TAGCAGATTTAATTATCTTAAGAGACTCATTAAAAAGACGTTCTTTTCTTTCTTCTTCCCCCTCCGAAGAGGGGGATTTCATCGATAATTTCTAGAT									
		Section 234									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(22369)	22369	22374	22385	22396	22407	22418	22429	22440	22451	22464
	(22369) (1)	CTAAATCTAAATCATCTTTATTCATTAAATTCTTCCATATCACTTAGCTGTTTCGAGGTCAGTTTCTAAATCAGCAGCTGATTTACTTTTACTTTTCT									
		Section 235									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(22465)	22465	22473	22484	22495	22506	22517	22528	22539	22560	
	(22465) (1)	GGAGATTTAAATTTTTCAACCTTTGAGTTAATCAATTCATCAACTTCAGCTTCAACAATTTTATTACTATCAATAGCACCTAACTGATAAGCACGT									
		Section 236									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(22561)	22561	22572	22583	22594	22605	22616	22627	22638	22656	
	(22561) (1)	TTAATAGCATCTCGGAATGGTTGATGCTTAAATAAAGGACCCAGAATGTAGTGCAGTTGGTATCTTTTGCACGCCAAGATTTTTCTTCGCGAATC									
		Section 237									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(22657)	22657	22671	22682	22693	22704	22715	22726	22737	22752	
	(22657) (1)	ATCTCGCCAGTTTCTTCGTCAAGAAATTCACGAGCATACCAGCCATTTTTAGGTTTTACCACGAATCCTAATTCTAGAGCCATATCTAACAATCCA									
		Section 238									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(22753)	22753	22759	22770	22781	22792	22803	22814	22825	22836	22848
	(22753) (1)	GAATAAGGATCGATACCACCGTCAAATTTAACATCAATAAAGAATTTACTTTTTTCTTTAACGGTACGAGATTTTTCTACATTTAGAACAAATTGA									

SARS-CoV-2 & T4.apr

		Section 239							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(22849)	22849	22858	22869	22880	22891	22902	22913	22924
	(22849) (1)	TACCCCTGAAGATCAGAACCATCTTTAATCTGGCGTTTACCGATAATGAATACGGTATCAGCCGAATACATCGGTCCAGTACCACCTCCCATAACT							
		Section 240							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(22945)	22945	22957	22968	22979	22990	23001	23012	23023
	(22945) (1)	GTTTTACTAAACATTTCTTGTGTTTCGTATGTATGGTTAATAGCAATACATGGAATATTTTTAGTACTAAAATAGGGAGTTACGATACGAAATAAG							
		Section 241							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(23041)	23041	23056	23067	23078	23089	23100	23111	23122
	(23041) (1)	CTTTTCATTGTTTTAGCTCTAGTCATATCACTAACAACCTTTTTTCATTTAAAGCATCTTCAGTTTCTTTCTTAGAAGCTAAGTTACCAAGTGAATCG							
		Section 242							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(23137)	23137	23144	23155	23166	23177	23188	23199	23210
	(23137) (1)	ATAAAAACGACTACCTTTTCGCCGCGTTCAATTGCATCCAATTGATTAACCATGTCAATACGTAATTGCTCAAGTGATTGAACCGGAGTATGAATT							
		Section 243							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(23233)	23233	23243	23254	23265	23276	23287	23298	23309
	(23233) (1)	ACTCGTTCTGGATCGACTCCCATAGACCGCAAATAAGCAGGAGTAATACCAAATTCACATATCATAAAACAAACATACTGCATCAGGATATTGACGC							
		Section 244							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(23329)	23329	23342	23353	23364	23375	23386	23397	23408
	(23329) (1)	ATGTAAGATGACACCATTGTTAATCCAAAGTTTGATTTAAATGATTTTGATGGACCTGCCAAAATTAACAGACCAGATTGCATACCACCAGTAATT							
		Section 245							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(23425)	23425	23430	23441	23452	23463	23474	23485	23496
	(23425) (1)	TCACCAGAAAAGTGCAATATTCATCATAGGAATTTTTGTTTCGAACACATCTTTTTCATTAAAGAATTTAGATGCTGTGAATTCTGCAGTCAATTTA							

SARS-CoV-2 & T4.apr

		Section 246							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(23521)	23521	23529	23540	23551	23562	23573	23584	23595
	(23521)	GAAGTAGAAGCTTTAATCAAACGAGATTTTAAATCAGACATATAATACCTTATAGTAGTGTCTTGTTCCACGAAATACTTCGAGCATTCTTGCAT							

		Section 247							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(23617)	23617	23628	23639	23650	23661	23672	23683	23694
	(23617)	AAGATTTATTTGGAAATCCAGCTTCAATTGCTAATTTTTTAAGCTTAATAGCACCGGATTTTCCAGAGTTTTCCCATATTTCTTTAATCTTTTCAA							

		Section 248							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(23713)	23713	23727	23738	23749	23760	23771	23782	23793
	(23713)	TGTTATCCACATTATTGGGTCACGTTTATGTGATGGTTTATTTCTATTATAACCATATGGATTATTAAGCAAAGCTTCTTTTCGTTTTGCTTTAG							

		Section 249							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(23809)	23809	23815	23826	23837	23848	23859	23870	23881
	(23809)	TTTCTTCTGACTGCTTTTTGCCTAGCTGGGCTTTCGGCAAACATCACTAAATCCAAGATGTTTTGGTTTTCTTTTTGAGCTTTTGAAATTTTTT							

		Section 250							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(23905)	23905	23914	23925	23936	23947	23958	23969	23980
	(23905)	CTTTGGTTTCTGATGAAACTCTATAACCAATTCTTCTACCACCCTCTCCACCAATTTTTAAATTATAAGTCATAGGATCATTACCACATCTATTG							

		Section 251							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(24001)	24001	24013	24024	24035	24046	24057	24068	24079
	(24001)	TTACTAATTCTCTTTCAGCATCACGGGCTGATTTAAATCTTTATAAAACCCAAGAATGCTTAAATTAAATTTTTCTTACCATACTTTTTCTTGG							

		Section 252							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(24097)	24097	24112	24123	24134	24145	24156	24167	24178
	(24097)	CTTGTGCTAATAAAGTTCCTGATCCCATATAACCATCATTTAAATCATCGGTTGAATGAGTTCCATAGTAAATTTTATTATTAACTAAATTAGTTA							

SARS-CoV-2 & T4.apr

Section 253											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(24193)	24193	24200	24211	24222	24233	24244	24255	24266	24277	24288
	(24193) (1)	TAACATAAGTATAATTATATTTCTTTTCTTTATGTCTTTTCATGTCATTAATCAACTGCTATTTCGATGAACCTTCTCTCTTTTCTAATCAATATAAC									
Section 254											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(24289)	24289	24299	24310	24321	24332	24343	24354	24365	24384	
	(24289) (1)	AAAAGAAGTCCCAAAAAGCAAACAGACCTAAACCGATAATAAGCAATAAAGGTCCTAACATTTATTCCACCGGTTAAAGATAAATAACTTTCTAAT									
Section 255											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(24385)	24385	24398	24409	24420	24431	24442	24453	24464	24480	
	(24385) (1)	AATAGTTCATAATTTTTATAAATCAATAGCTTTTTTGAACGCATCTTGCCATTTCGGCTTTCTTTGCACGGGTTTTATTTAAAATATCATGTTGAAT									
Section 256											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(24481)	24481	24486	24497	24508	24519	24530	24541	24552	24563	24576
	(24481) (1)	AGAAAGCATCTCTTTACGCAAAACATCACTGTGTTTTAACTCATTGACTCTATCAATGAGTTCAGCACGATTATTTACATAAAAACGAGCATCATT									
Section 257											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(24577)	24577	24585	24596	24607	24618	24629	24640	24651	24672	
	(24577) (1)	AATAATTCGATGTTTGGTATCAAATTCTTCGTCAATTAGCATCACTGCATCAGATGCCATTGTTTCCCAGACGCGTAAGGTAATAAAGTTGTCATT									
Section 258											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(24673)	24673	24684	24695	24706	24717	24728	24739	24750	24768	
	(24673) (1)	ATAATTCTTGTCACCAATAATTAATGCAGCAATAGCTTGACTATTCTTTTCAGATACCATGTTTCATAGGAATTTTTCCAGTGAACACCGGAGCTTT									
Section 259											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(24769)	24769	24783	24794	24805	24816	24827	24838	24849	24864	
	(24769) (1)	GGTCCAAGGATATTTAGGATTTTTAAACTGTTTTTCTCGTGCATTGCCAAAAAACTCAATATTTAAACCGGTGTCAAATAAGAATTCTACCATCTT									

SARS-CoV-2 & T4.apr

Section 260											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(24865)	24865	24871	24882	24893	24904	24915	24926	24937	24948	24960
	(24865)	GGATTTCGCGTTTGACCGGACCGAAATGAACCGCCATAAATAACATCCAAAGTTTTCTTGGTAGGCTTAGATAAATTGAAAATCGTTTCATATGAATTTT									
	(1)	-----									
Section 261											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(24961)	24961	24970	24981	24992	25003	25014	25025	25036	25056	
	(24961)	ATATTGTTCAATAGGAAAATATTCAAATTCATAACATTATCAACTTTCTTATGCGCAGCCTTAGCAATGTCTAAATTTATACCTTGGGAAATCAC									
	(1)	-----									
Section 262											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(25057)	25057	25069	25080	25091	25102	25113	25124	25135	25152	
	(25057)	TTTAATTGGTGATTTAATTAATAGCTCTTCTTCAGTGTACAAATATGCCCATGGTCTATTTTTTAACATTTGGCCAAGACTGCGAAAACGGCAAACG									
	(1)	-----									
Section 263											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(25153)	25153	25168	25179	25190	25201	25212	25223	25234	25248	
	(25153)	TATATCTGTAAATAAATAAATTTTACTTTTGTATTTTGCCATAAATTTTTGCGCAGATAAAATTGCTAAATTAGGTTTACCGCCAAAAAAGTT									
	(1)	-----									
Section 264											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(25249)	25249	25256	25267	25278	25289	25300	25311	25322	25333	25344
	(25249)	AATAGAAGAATTAACAACCTATCAAACGGTCATAATCATTAACATCTACTTCATCAAAAGATTTAGTGTAACACCATTTTTAAGAGAAATAATGTC									
	(1)	-----									
Section 265											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(25345)	25345	25355	25366	25377	25388	25399	25410	25421	25440	
	(25345)	GACATTAAGACCCATTTTCAGAAATAACTTTAAAAAGATAAATAGTTTCAGAAGATGGAACAGTTTTTAAATTAATAACATTATTACCCATATTAAT									
	(1)	-----									
Section 266											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(25441)	25441	25454	25465	25476	25487	25498	25509	25520	25536	
	(25441)	TATAGCAATTTTCATATTATTCCTTTTATGTTAAACGATTAAGCGTATTTTCCTACATAATCTTTTTTCGAAATATGTGTTTCGCCAGTTTTCCAC									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 267							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(25537)	25537	25542	25553	25564	25575	25586	25597	25608
	(25537)	CAATGATCAACCAAATAAAAAATGACGAGAATACACATGTAGGCTTCCAACATTCCATATAATGGAACCTGCTTTATACTGGCGAGTTGAATCACCT							

		Section 268							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(25633)	25633	25641	25652	25663	25674	25685	25696	25707
	(25633)	GCATTCAAATCAGATACTAATTTATCTAATACGTATTTTTGCCATGCATAATCATTACGGAATCCGAAGACCACGTCATTTGAGCGCATGTTAACA							

		Section 269							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(25729)	25729	25740	25751	25762	25773	25784	25795	25806
	(25729)	ACCGCATTGATTTTCTTGTCACGAATCAGGTATTGTACTGTATTCGTGCACATGAAATCTGACATACCATCTTTATTATAGTCAAACGTCATAGAT							

		Section 270							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(25825)	25825	25839	25850	25861	25872	25883	25894	25905
	(25825)	GGACGAGTATAAAATCATGATACCACGTCGAGAATCAGGATTTTGACCAAGTTCAGCTAAACACATGTCATACTGAGCATAGTTATCTTCTGACCAG							

		Section 271							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(25921)	25921	25927	25938	25949	25960	25971	25982	25993
	(25921)	ATAGCCCAACCATAATTCGAGTTAATTTACCTTTAGAAGATGCTACTTGTTGCCAAATCTTCGGTGTTTCACCCGGAATATCTTTAACGAACAAG							

		Section 272							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(26017)	26017	26026	26037	26048	26059	26070	26081	26092
	(26017)	CTTTTAGATTTATACCATTCAAGTTCACGCTGAATGTATTTCATCATTAAGAGCGCCAAAAATAAACGGTTCATCTGCTACAAATGATGCGCCAATA							

		Section 273							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(26113)	26113	26125	26136	26147	26158	26169	26180	26191
	(26113)	ATTTCAATAGTTTTAACACCTGTTTTATCAACTACGAAATCTTTTTCTTTTAAATGCAAGCCCCAAATGAAGACGGATTTCTTCAACTGTCATAGAG							

		26208							

SARS-CoV-2 & T4.apr

		Section 274									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(26209)	26209	26224	26235	26246	26257	26268	26279	26290	26304	
	(26209)	TCACCTAATCATTTAAACCTCAATTGATACATTCATATTTAACTTGTAACAGTAATAAACTCCAACCTAAAATAATAGTTGGAATCATAAGAGGAAC									
	(1)	-----									
		Section 275									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(26305)	26305	26312	26323	26334	26345	26356	26367	26378	26389	26400
	(26305)	CGTTACACTATAGTATATACTTATTATAATCATCAAGATTAAAAGCAATGCTGCTATAATTTTGCTTTTCATTCTCTCTCTGATGATAATTACC									
	(1)	-----									
		Section 276									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(26401)	26401	26411	26422	26433	26444	26455	26466	26477	26496	
	(26401)	TGATTTGGCTGCGCAGACTTTTGTAGTTTCACCTGCAATTGACCAAATAAATGTAATAAACCAACCAATAATTGACCAGTTAAACAGTAAAGATGCG									
	(1)	-----									
		Section 277									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(26497)	26497	26510	26521	26532	26543	26554	26565	26576	26592	
	(26497)	AAAAAGATTCTACTGTCGATTTTGACCCACGCATCAAGGCGATAAACCATGGAAGCATGTATATAATAATAGCCAACACGCCTGAAACTAAACC									
	(1)	-----									
		Section 278									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(26593)	26593	26598	26609	26620	26631	26642	26653	26664	26675	26688
	(26593)	ATAAAAAATTGAACCTGCTACTAAAGTTTCCATGTTTTCTCACTTAGGTCAAATTTTTTACACATGAATTATAAGAATTCCTACTACATACTCCATCG									
	(1)	-----									
		Section 279									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(26689)	26689	26697	26708	26719	26730	26741	26752	26763	26784	
	(26689)	GAGCGTTTTTACCTGTACGCCACTGGTAATTATTAGCCCAATTTGCCCAAAGCTCAGCGCAGTAGTTTTCAATTTTTTCTTCGCGTGTAATTACAT									
	(1)	-----									
		Section 280									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(26785)	26785	26796	26807	26818	26829	26840	26851	26862	26880	
	(26785)	CTGAATTACGATATGCTTGAGCAGATTCATCTGGACGAATAGCTTCGTCAAAATTCGCCTGCATTTGTTCTACTGTCTGTTTTGGAGCTTCTTTAT									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 281									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(26881)	26881	26895	26906	26917	26928	26939	26950	26961	26976	
	(26881)	AACACTTGACATTAGGATTATAAAATTTGCTTGAACAGTTTACAATTTTCTACATCAGACTGATTTACTACCGGTCCTTGAGCTACACAACCAG									
	(1)	-----									
		Section 282									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(26977)	26977	26983	26994	27005	27016	27027	27038	27049	27060	27072
	(26977)	CAAGACCTAATGCAATAACCAAAATAGCGATTTTCATTTTCATTCTCCAAATCCGTATCAGTAGTTGATAGTTGTATAGTACCATGGAAGAACAGTC									
	(1)	-----									
		Section 283									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(27073)	27073	27082	27093	27104	27115	27126	27137	27148	27168	
	(27073)	TTGTAAACAGTTTTGTGAAAAAATTTTAGGGAATCCAAAGGGTCCAGAATCATCTCTTTTTCATAAGTATAGATTTATATTACTTGTATGAAAAA									
	(1)	-----									
		Section 284									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(27169)	27169	27181	27192	27203	27214	27225	27236	27247	27264	
	(27169)	GGGACCTGGAGGTCCTAGATTTATTCTATCAGCCAAACAGGAAGTCTAACGAAGCTTTTCTTCATAGTCCATGCCAGCCGATTCACACATACCCG									
	(1)	-----									
		Section 285									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(27265)	27265	27280	27291	27302	27313	27324	27335	27346	27360	
	(27265)	CAAGCGGTTTAACAAACGATTTTGGAAACAAAGTTGAGTGGTCAATCCAAGATAGCACATCAGAACGAATTTCTTTTGGAAAGTTCTGTACCCGATG									
	(1)	-----									
		Section 286									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(27361)	27361	27368	27379	27390	27401	27412	27423	27434	27445	27456
	(27361)	GCCAAGCAATGCACTTGTCAACCAATGGATTTCTTTCACGTAATGGAAGAACCATTACTTTATTTCCATCCAAAATTGGAGCTACACCTAAACCGC									
	(1)	-----									
		Section 287									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(27457)	27457	27467	27478	27489	27500	27511	27522	27533	27552	
	(27457)	TAACAGCTCGACGATAAGTTAGCACACCACGAATATGGAACGGGCATTTAAATCCTGGCCAACCTTTATCATCATATTTTCGCTATATCGTTCGCAG									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 288									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(27553)	27553	27566	27577	27588	27599	27610	27621	27632	27648	
	(27553)	TTTTTACTTCAGCAATAACTTTATAGTCAAGTTGACGATATTCTTTCTCGAAGTTCTTGTTAGTATTCTTGGACAGACTCTTCACCTTCCTGAAGAA									
	(1)	-----									
		Section 289									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(27649)	27649	27654	27665	27676	27687	27698	27709	27720	27731	27744
	(27649)	TACGACGAATACTTTCTTCGAGAGCTTCTTGCACTGCTTTTGGTGTTGAACCTCTGCTGAGTTTCCATACCCATGATTTTTAGATGCGGTTTCAGCAA									
	(1)	-----									
		Section 290									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(27745)	27745	27753	27764	27775	27786	27797	27808	27819	27840	
	(27745)	ATCGCTTATCTTCCATATCATAAACGTTTCAGAGCATAACGCTTTTTTCGCTTTCCAAAATCCACCAACGCCCTTTGAACCAAGCGGAGGGCAAGAAA									
	(1)	-----									
		Section 291									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(27841)	27841	27852	27863	27874	27885	27896	27907	27918	27936	
	(27841)	TAGCTTCACGGTCCATATGCATCAGATGCTCGCGGTTATTCATATAATCACATAACTCACGATATGCAACATCAATCATAGGTTCCATCTTTTTCT									
	(1)	-----									
		Section 292									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(27937)	27937	27951	27962	27973	27984	27995	28006	28017	28032	
	(27937)	TACCGAACTGATTCATGAATTCAACCAAATCGTTCTGCTCTTTGAATCGGTCAAGACCAACTTTTTCAATAACTTTATCTACGCAAACATATACCG									
	(1)	-----									
		Section 293									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(28033)	28033	28039	28050	28061	28072	28083	28094	28105	28116	28128
	(28033)	AATCAGTATCACCTGCTGCAATGAAATCTTCATCATTAGTTCCGCATACTTTATTTCAGATATTCATTAATTTTACGAGCAATCCACTGAATACCGA									
	(1)	-----									
		Section 294									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(28129)	28129	28138	28149	28160	28171	28182	28193	28204	28224	
	(28129)	CTTGGCCGAAAATTGTGATAGCAGTAGCATTTCGCAAATCATAGTAACGGAAATGAATATTACCAAGAGCACCATAAAGACTGTTAATGAGAATTT									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 295									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(28225)	28225	28237	28248	28259	28270	28281	28292	28303	28320	
	(28225) (1)	TACGGTTCAGCTGATTTGTATTAGCAAGTGTAGCTGCTTTTTTCACATTCTTCAATCAGACTATTGAGAACAGATTTCGGTGTAATTCGATAGTTCAT									
		Section 296									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(28321)	28321	28336	28347	28358	28369	28380	28391	28402	28416	
	(28321) (1)	TTAAGAAATCATCACTGAACCTTAACATATCGTTCAACTTCTGGTTTAGTTGAACAAGACCCTGCGCCTTTCATAATAATCTTTTTAATAGCTTCGG									
		Section 297									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(28417)	28417	28424	28435	28446	28457	28468	28479	28490	28501	28512
	(28417) (1)	CATTCAATTTCTTCAGCGAACATTTTCTTTTCCAGTCTTTACGCTGGAAAAATACTTTAGCGATTTCTTTGGAATGATACCTTCTTGATGTTTAT									
		Section 298									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(28513)	28513	28523	28534	28545	28556	28567	28578	28589	28608	
	(28513) (1)	CATACATCCATCCATTCGGAGAACAGAATATTCATCACTCGGTTTAGGAGCTGTTCTGCGATATATTCATGAATTGGATGAACCTTTAACTGAC									
		Section 299									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(28609)	28609	28622	28633	28644	28655	28666	28677	28688	28704	
	(28609) (1)	CACGAATAGTTTCAGGACTAATGTTAACCTGGCGAATAATGCTCGGATACAGAGACGTCAAGTCAAACTCATAATGTATCGACGTGCAATTGGTT									
		Section 300									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(28705)	28705	28710	28721	28732	28743	28754	28765	28776	28787	28800
	(28705) (1)	TAGGTTCAAACACAAATGCACCCGGAAAACCTCTGTTTAACTGCGAACCTTGTTGAGGAATAACCTTATGTTACCTTTCAATGAGTTAAAAATAA									
		Section 301									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(28801)	28801	28809	28820	28831	28842	28853	28864	28875	28896	
	(28801) (1)	TAGCATCCCAAGTTTTAATAGGACTCATTACACCAGAAAAAGGCATTTTAGCGTAATAAGACATACTTAAACTAGATCGATAAACCCACGAATTT									

SARS-CoV-2 & T4.apr

		Section 302							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(28897)	28897	28908	28919	28930	28941	28952	28963	28974
	(28897) (1)	TATCGATTGCTTGAACCTGATTCTACGTCAATGATGTTATAACTAATGTATCGTTGATGATTAGTCTCACGAAGTTTATTAATAGGACCGTCGTATG							
		Section 303							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(28993)	28993	29007	29018	29029	29040	29051	29062	29073
	(28993) (1)	GTAATTTACCTTTTTTGGTTTCATGTTGAGCAACTGATTCCAAAGAGAATGACGGCAAATTAGTAAAAGCGAATTTCTTGTACAAATCTAAATAAT							
		Section 304							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(29089)	29089	29095	29106	29117	29128	29139	29150	29161
	(29089) (1)	CAAGAATAGATACGCCATCAATAGAAATAAATTTCTTTGCTACCGTACATATTTTGAATTAGTTTAGATTTTACCCGACCGATTGGAGAGAAACGTT							
		Section 305							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(29185)	29185	29194	29205	29216	29227	29238	29249	29260
	(29185) (1)	TCATACTACGTTACCCAGAATCATTTTAACACGATTTCATGATATACGGAACGTCAAACCCCTCAATATTCCAACCGTAAAAATAGCAGGTCGTT							
		Section 306							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(29281)	29281	29293	29304	29315	29326	29337	29348	29359
	(29281) (1)	TCTGTTCCCAAAGATTGATATATTCCATGAGCATATCACGCTCATTATCGAATGGCATATAAATTACTCGGTCAAGAATTTCTTGAGGAACCTTCAT							
		Section 307							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(29377)	29377	29392	29403	29414	29425	29436	29447	29458
	(29377) (1)	CACCACCTTCACAGTCAAGCTTAGCAGCTAACTTTGCATCCCATTTTGATACTGAACCGTACATTGAATTCAAAGGTGCGAAACATAAAACGAT							
		Section 308							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(29473)	29473	29480	29491	29502	29513	29524	29535	29546
	(29473) (1)	CGTCAATTGAATCGTAATGAGTGATAGCATCAATTTTCATATTCTGCTTTTCATTGGGTCAGGAAATTTATCACCAGTAACCTCAATGTCACAGTTAG							

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		Section 309							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(29569)	29569	29579	29590	29601	29612	29623	29634	29645
	(29569)	CTACACGAACAAATTTTCGGTCATAAACAATTTCTGAACCATATGTATCACTTATATAAGCGAGTTTAAAATCGTTCATACCGAGAGCTTCGAGAC							

		Section 310							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(29665)	29665	29678	29689	29700	29711	29722	29733	29744
	(29665)	CGATGTCTTCCATTTCGCTTCATCCAATCTCGAGCATCTTTCATTGATGGAAATTTTGGAGGAGCGCAGTTTTTACCATAGATGTCTTTGTATTTTG							

		Section 311							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(29761)	29761	29766	29777	29788	29799	29810	29821	29832
	(29761)	ACTCTTCCTTACAATGCCTAAACATAGTTGGAAGATATTCTACTTCACGGGTACGTTTCCTTTCCATTTTCATCAATATAACGTTCAACAATGTTAT							

		Section 312							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(29857)	29857	29865	29876	29887	29898	29909	29920	29931
	(29857)	TTCCGACTGTTTCAATAGAGATATAAAATTCCTTTCATAGATATTCCTTAGTTTATAGCCCGAGTTATTAGGCTCTTGATATATTATACTCCAAATA							

		Section 313							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(29953)	29953	29964	29975	29986	29997	30008	30019	30030
	(29953)	AGGGGCCGAAGCCCCCTTGCTTAATTACCAATCGTATATTTAGGAACGAGCTTCCATTTCATGTTTTTGTTTAAAGAAATAACTCGGAAGTTATTAG							

		Section 314							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(30049)	30049	30063	30074	30085	30096	30107	30118	30129
	(30049)	TTAAATCTTTCATAAAAGTTCTTTGACCAGGAACGATTTCAATTAGTCCCCAATCTTCTAATAGCCATGCAATCGAATCACGACGAACCTTCATCTT							

		Section 315							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(30145)	30145	30151	30162	30173	30184	30195	30206	30217
	(30145)	CTTCTGTCAATTTCAACTTGACGACCATCCATACGAAGCATTCTTTTAAATGAACGATATAGTATAGTCCTTTTTTCTGAAGAATATGACAGGACT							

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		Section 316									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(30241)	30241	30250	30261	30272	30283	30294	30305	30316	30336	
	(30241)	GATATAGAACTTTATCTTTATTATTAGCAATTCCCATACGAGTCAAAGTTTCTTTTACTTTTCAGAAAATCTTCAGGTTTTTTAAGAGTAATTTCAA									
	(1)	-----									
		Section 317									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(30337)	30337	30349	30360	30371	30382	30393	30404	30415	30432	
	(30337)	TCATTTTACCATTCCAATGCTAGTTTTTTGAGTTGTTTCTGTTCTTTTACGTTCTTAGTCACTTCTTTCAAAAAATCATCCGTGACTAAACCTTTT									
	(1)	-----									
		Section 318									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(30433)	30433	30448	30459	30470	30481	30492	30503	30514	30528	
	(30433)	AGTTCTTTTAATACTAAAGGAAGTTTTCCATTTTGTAGTAAGAATTGATTTATAGTTAATTGCATCATTTGTATTAACTTGATACCGCTTAGCAAGT									
	(1)	-----									
		Section 319									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(30529)	30529	30536	30547	30558	30569	30580	30591	30602	30613	30624
	(30529)	AACTTAATAATCAATACTTCGGTGGAATCTTCAACCAGTTTTGCCCATTTACCATATCTTTTACCACGAGGAAGTGCAGCCATTAGATAATTAAAA									
	(1)	-----									
		Section 320									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(30625)	30625	30635	30646	30657	30668	30679	30690	30701	30720	
	(30625)	TGAGCTTCATCACTTAAGCCTGATCCAATTAAATTCATAGCATATACAGCTGGCATACACTCTGGAAATTGTGATAATGCATTTTCAACCATGAAT									
	(1)	-----									
		Section 321									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(30721)	30721	30734	30745	30756	30767	30778	30789	30800	30816	
	(30721)	TTTGAATAATCTTTTTGAGCAATAGAGCATTTAGTTTTATTATTAATAGCTCCAATTATTTCAAAAAATTCATTTTCTGCTTTTTCTTTAAAAGAA									
	(1)	-----									
		Section 322									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(30817)	30817	30822	30833	30844	30855	30866	30877	30888	30899	30912
	(30817)	TCAGCAGCGGATTGGACAGCTGTCCAATCTTTTGAATACCAAGCAACTTGATGCTCGTTTAAATTGAATATCATCTTTAAATAAGCTCATATCACTT									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 323							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(30913)	30913	30921	30932	30943	30954	30965	30976	30987
	(30913)	CCACTGCATTTTCGCATGCTAATTGAATGAAAAGATAAGCTAAATGCAATTCAGTATTAGCTGCAATACCATGATACTGATTATTTTCGCCGACAAT							
		Section 324							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(31009)	31009	31020	31031	31042	31053	31064	31075	31086
	(31009)	TTCGTACATACGAATAATACTTTGTGGAGTTACACGTGAATAGATTTCTTCGGCAAGTTTACCCACGAACCACGAATAATCAGCCGCATATTTTGG							
		Section 325							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(31105)	31105	31119	31130	31141	31152	31163	31174	31185
	(31105)	TGCTAAAGCTCTGAGTTGTTTAACATCTTTATTTTGTAGAGACTCAAGAACATCATCAATAGCACCACGATCGTTAGTAACCAGTGATAAAATACC							
		Section 326							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(31201)	31201	31207	31218	31229	31240	31251	31262	31273
	(31201)	AGCATCCAAAACACCTTTAGACGAATAACTATCGAGCTCGCCAATAGTTTTACGAAAATCAGGAAAATTCTTTTTAACCAAAGCTGCTACAACCTTT							
		Section 327							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(31297)	31297	31306	31317	31328	31339	31350	31361	31372
	(31297)	CATATCAGCTATAGCAATTCCTTCATGCTTGCAGATTTTCAGTCAATCGACGAATCATCTGCTTCATCATTTCAATTTTATCTTCATCAGTTGGTTG							
		Section 328							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(31393)	31393	31405	31416	31427	31438	31449	31460	31471
	(31393)	ACCGAATGTAATAACTCGGCAGCGTGACTGAAGCGGTTTAATAATACCATCAATATTATTAGCAGTAATAATAATACTACAGTTTGAACTATAAGC							
		Section 329							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(31489)	31489	31504	31515	31526	31537	31548	31559	31570
	(31489)	TTCCATAAAGGAACGAAGATGTCGCTGAGACTCTGCTAACCTGAACGGTCAAATTCATCAATAACGATTACTTTTTGACGACCATCAAATGAAGC							

SARS-CoV-2 & T4.apr

		Section 330									
T4 NC 000866.4	(31585)	31585	31592	31603	31614	31625	31636	31647	31658	31669	31680
SARS-CoV-2 NC_045512.2	(31585)	GGCGCTGGCAAAATTAGTCAAAGGACCACGAACGAAATCAATTTTACAATCTGACCCATTACAAAACATCATATCAGCATTTACATCATGACATAA									
		(1) -----									
		Section 331									
T4 NC 000866.4	(31681)	31681	31691	31702	31713	31724	31735	31746	31757	31776	
SARS-CoV-2 NC_045512.2	(31681)	TGCTTTTGCTACAGTTGTTTTACCTGTTCTGGAGAAGGAGAATGAAGAATAATATGTGGAATCTTACCTTTACTTGTAATAGATTTAAAGGTTTC									
		(1) -----									
		Section 332									
T4 NC 000866.4	(31777)	31777	31790	31801	31812	31823	31834	31845	31856	31872	
SARS-CoV-2 NC_045512.2	(31777)	TTTATCAAAAAGCGGGAAGAATACATTCATCGATAGTAGATGGACGATATTTCTGTTCAAGAATGTGTTCTTTTTTCATTTACAGTAATCATAATTTTC									
		(1) -----									
		Section 333									
T4 NC 000866.4	(31873)	31873	31878	31889	31900	31911	31922	31933	31944	31955	31968
SARS-CoV-2 NC_045512.2	(31873)	CTCATTCAAGTTTTAGTGTAATTATAAAGGCCGAAGCCCTCTATTAAAAATCGTGGGTAGAATCAGCTTCAAGAGCTACCACATAATTCGCGTGT									
		(1) -----									
		Section 334									
T4 NC 000866.4	(31969)	31969	31977	31988	31999	32010	32021	32032	32043	32064	
SARS-CoV-2 NC_045512.2	(31969)	TCACCTTCAAATTTAGCAGCACCTTGTTTACCTTTTGCCCAAAGCAGAAGTTTATAATTTCTGTTGTCATTTTCATATTTGCCATATTGATAATG									
		(1) -----									
		Section 335									
T4 NC 000866.4	(32065)	32065	32076	32087	32098	32109	32120	32131	32142	32160	
SARS-CoV-2 NC_045512.2	(32065)	AAATTAAATGTATTTTACCATCATAATCACCAAGAGTCAAAGAATATTTAACACGGGTCAGAGCAGAATCTTCTACTTTATTAAAACCGTTAATT									
		(1) -----									
		Section 336									
T4 NC 000866.4	(32161)	32161	32175	32186	32197	32208	32219	32230	32241	32256	
SARS-CoV-2 NC_045512.2	(32161)	ACGATTTTACCTTCTTTTACCGTGATAGCAATTGTATCAATTTGCAGACCACGAGATACACGCAACAGCTGTTGAAGGTCTTCAGCTTTAATTTCA									
		(1) -----									

SARS-CoV-2 & T4.apr

Section 337											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(32257)	32257	32263	32274	32285	32296	32307	32318	32329	32340	32352
	(32257)	GTAACAGCAGATGCTACCGGGAATGGAATTGGTTTATTAGGAGCAACTACTGTACTCGGATCGGCTGCTGGCCAAAAAATTGTTGAGCGGGCATCA									
	(1)	-----									
Section 338											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(32353)	32353	32362	32373	32384	32395	32406	32417	32428	32448	
	(32353)	GCAATTTTAATATTTCCATCTTCTGACTGGGAAATTTCTGCATCATCATTAACTAAAGACAGAATACCGAGAAAACCGTTCAAATCGTAAATTGCT									
	(1)	-----									
Section 339											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(32449)	32449	32461	32472	32483	32494	32505	32516	32527	32544	
	(32449)	ACATCAAAATCAATAACGTCAGAAATATTTGCTTCCGCATAAGTTGTACCATTAAGTGCAGAGTCATAATAAATTGACCGGATTTAAGCATAATA									
	(1)	-----									
Section 340											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(32545)	32545	32560	32571	32582	32593	32604	32615	32626	32640	
	(32545)	CCAGAGTTAATAGTAGCGAAATTTTAAAGCAGAGCAGTAGTATCTTTAGACAGTTTCATGTAATTTCTTCAATTCAAATGAGATTTAATTTTATA									
	(1)	-----									
Section 341											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(32641)	32641	32648	32659	32670	32681	32692	32703	32714	32725	32736
	(32641)	ACTAATTTAATAAAGCAATTAACGATTAAAAATCAGCCGCAATTGTTTCCGCAACAATTTGAGCAGCAACAATTAGACGTTTCATCTGCATTACCGCA									
	(1)	-----									
Section 342											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(32737)	32737	32747	32758	32769	32780	32791	32802	32813	32832	
	(32737)	ATAATCATCTTCAAGGCGTTCACCACATGAAGTCATAATAAATTTAGCACCGGCGTTTAGGGATTCTGTAGTATGTTTGCGCATTAGTTCAATCCA									
	(1)	-----									
Section 343											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(32833)	32833	32846	32857	32868	32879	32890	32901	32912	32928	
	(32833)	TTTATTACTTACTTCACGATCGATAGCTTCATAATACGCATGACGAGCAGGTGCAGATTTAATTTTGTTCTGAATAACTTCCATTGCGTTATCAGA									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 344									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(32929)	32929	32934	32945	32956	32967	32978	32989	33000	33011	33024
	(32929) (1)	AAGAGACAAAACCCATGCTCGACGAATTTTATTTTGGTTTTGTGGATTGATTCAGAACGCACGTGTTTTGGCTGAATATCTTTTACATCAACAGT -----									
		Section 345									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(33025)	33025	33033	33044	33055	33066	33077	33088	33099		33120
	(33025) (1)	ATAATTACACAGTAATTTTAGTCATAATACACCTTTAGTCATAATAATCAGTAACAGTCCAAGCTTCATTTCTATTGGACATTATTTTTGTATATTC -----									
		Section 346									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(33121)	33121	33132	33143	33154	33165	33176	33187	33198		33216
	(33121) (1)	TGCTTTAAATGCATTCCTAAGCATAGATTACAGTAACATATGCTCTTCATTAGAAAAATTATTTCTCAGAATATATCGTTTTATTTTCAGGAATAGT -----									
		Section 347									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(33217)	33217	33231	33242	33253	33264	33275	33286	33297		33312
	(33217) (1)	TAATAGATGCTGTCCAGTTGAATATTCCATGTTTTCTCCATAGAGATTATACTCTAATAAATTAAAGCATAATCTCTTATAAATTAAACCATTA -----									
		Section 348									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(33313)	33313	33319	33330	33341	33352	33363	33374	33385	33396	33408
	(33313) (1)	CAGTAAATCGACCAACTTTCTTCATTTGAAGATGCTGACCATATTCTTGCGGGTCATGGTCTTTATGCGAAATTATAAAAACGTTAGTGTTTTTCA -----									
		Section 349									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(33409)	33409	33418	33429	33440	33451	33462	33473	33484		33504
	(33409) (1)	TTGAATTTATAATATTAGCTACACCTTTAATACCTTCGGCATCAAATGACCCATCAAACACTTCATCAAGAATTAATGTACTAATACTAACACCAG -----									
		Section 350									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(33505)	33505	33517	33528	33539	33550	33561	33572	33583		33600
	(33505) (1)	ATACGATAGAAGCAATATCACGCCAAGTAAATAAAAGAGCAATATCGATTTCGTGCCTTTTCACCTTCACTAAATGAAGCATAACTAAAATCTTCAC -----									

SARS-CoV-2 & T4.apr

		Section 351							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(33601)	33601	33616	33627	33638	33649	33660	33671	33682
	(33601)	GACCACGGGATTTAATTGTCTCATTAATAATTCTTCATCTAATGTAAACACATAATCCGCTTCCATTATTTTAAGATAATGGTTAATCTGCTTATTAA							
		Section 352							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(33697)	33697	33704	33715	33726	33737	33748	33759	33770
	(33697)	ATAATGGAATGTACTTTTAAATAATAGCACCTTTAATACCAGAATCTTTGAGCATATCAGTCAAAATTCCTCGGTGGTATTTTTCCATTACTAAAT							
		Section 353							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(33793)	33793	33803	33814	33825	33836	33847	33858	33869
	(33793)	TAGTTTTTGTCTTAACAATTTTATCAAGTTCTTCTTGAAGCAGTGCTATTTTCATCAGCATGGTCAATAAACTCAGAAGATGCTTTTTCTATAGCCG							
		Section 354							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(33889)	33889	33902	33913	33924	33935	33946	33957	33968
	(33889)	CTTTAACTTTTTTAGCTTTATCTACTGCTGCGATCAGAGATTGCTTTTTATTGCGAATATCATTTGCCAACGACTGCTGGGTTTTAATATTATCTC							
		Section 355							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(33985)	33985	33990	34001	34012	34023	34034	34045	34056
	(33985)	GGTATTCATCAACAAGAAGCTTTTAAATTATCACGATGTGTTGAAAGCTGTTCAAACGAATGTGTGCATTGAGAACTTTATCTTTAATTTTAGAAA							
		Section 356							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(34081)	34081	34089	34100	34111	34122	34133	34144	34155
	(34081)	CAACTTTATCACCGGAACTCAATTGTGACAAACAGGTTGGACATAATCCACCTTCGTGATACATATTAATGACTTTATTATACGAGTCAATTTTTG							
		Section 357							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(34177)	34177	34188	34199	34210	34221	34232	34243	34254
	(34177)	ATTTAATTAAAAATGCTTCTTGACCGATTTTATTAAATGCATCAGTCGGGTCTTCGTCCAAAACAATATTAATAATCTTTTCGTTAGCTTCTTCTA							

SARS-CoV-2 & T4.apr

		Section 358							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(34273)	34273	34287	34298	34309	34320	34331	34342	34353
	(34273)	TTTCCGATTTTGTAGCGTTCTAGCTTCTTTTGCCAAATCATCATACATATTTTGTAGACGAGTAAGGTTGTCACCCGTTAATTTTTCTGGCGTTCAA							
	(1)	-----							
		Section 359							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(34369)	34369	34375	34386	34397	34408	34419	34430	34441
	(34369)	CATTATCATTATATATTTTAATTTGTTGGATAATACTATCTTTTTTAACATCAAGCACTTGGTTCTGCGAATTTAATTCACGTATTAGTGCTTTAT							
	(1)	-----							
		Section 360							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(34465)	34465	34474	34485	34496	34507	34518	34529	34540
	(34465)	TAAGCTTATCCATTTTCAGCTAATGTTCTCTACCTCAAGCAGGTCTTCCACAAGCTTTCTTCGCGCAGGGGTCGACAAACCCATGAAAGGGGTATACC							
	(1)	-----							
		Section 361							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(34561)	34561	34573	34584	34595	34606	34617	34628	34639
	(34561)	CTGCTGTACCAAGGACAACAATCTGCTTGAACTGGCATATGACATTCCGATAAGCTGTTCAAATCTGCTTGGAATCTTTACTGCTGGCAGATT							
	(1)	-----							
		Section 362							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(34657)	34657	34672	34683	34694	34705	34716	34727	34738
	(34657)	CATTAAGACGTGTACCGTTAACGGTGATTTGAAAAAGTTTGGTTTTGTCTCTTTTGATATAGTACTTTTTCTCATCATATTCCATCCACAGTT							
	(1)	-----							
		Section 363							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(34753)	34753	34760	34771	34782	34793	34804	34815	34826
	(34753)	CAACTAAAAGTTCTTTCTTATTTGTGCTGTTTATTAATTGACCTTTCTTTACATCGCGAAATGGCTTACCAAAAAGCCCAATGTGATGGCTTCTA							
	(1)	-----							
		Section 364							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(34849)	34849	34859	34870	34881	34892	34903	34914	34925
	(34849)	GCATAGTAGACTTACCACCGCCATTTTCGTCCAGTAATAAGAGTTTTTTGAACCTTATCTAATTGAATGTCAATCCCATTTTGACCAACTGACATTA							
	(1)	-----							

SARS-CoV-2 & T4.apr

		Section 365									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(34945)	34945	34958	34969	34980	34991	35002	35013	35024	35040	
	(34945) (1)	TATTTTTATATTTACTCTATTAAGTTTAAAAATTCTTCACAAAAGATTCTTTTAAATGTATCTTTTAGACCATTCTATCATATCATCATAATCTAA -----									
		Section 366									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(35041)	35041	35046	35057	35068	35079	35090	35101	35112	35123	35136
	(35041) (1)	AAAGTATTCATCAAATTCAGCCATGCAAACAACGCCTTGCTGCTGTTTTGATGTGATATAAATTATTCCAACATATCTAGAATCTTCTTCGGTATA -----									
		Section 367									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(35137)	35137	35145	35156	35167	35178	35189	35200	35211	35232	
	(35137) (1)	ATCAATATTTGCTATGAATTCATCATTAATGTCAAATGTGAAAACCTTCACAGTATGCATCCTTAATACAAGATACAGCCATATCTCGTAATGATT -----									
		Section 368									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(35233)	35233	35244	35255	35266	35277	35288	35299	35310	35328	
	(35233) (1)	TAGGTGTGTCATTATCTAAAATGTTGAAGTTAAAAGATACAGCCCAGTCAGTGCAGACAGTAACCTTTTTAATACAATTATCTTCAACCTCTAACG -----									
		Section 369									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(35329)	35329	35343	35354	35365	35376	35387	35398	35409	35424	
	(35329) (1)	GTTCAAACCAGTATTCAATAATTTCTTTATGACCAATATCATCTTTTACTTCACATTTAAAATGCTGACTCATCATAACATTTTTAAATTCATCAA -----									
		Section 370									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(35425)	35425	35431	35442	35453	35464	35475	35486	35497	35508	35520
	(35425) (1)	AAGTCATTGTGTTGCCTCTACATATAGCTGATTTGCATATTGAATAAGTGCTTCACGGTCAGAATCAGTGATGTCTGGAATTGCATTAATATACTC -----									
		Section 371									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(35521)	35521	35530	35541	35552	35563	35574	35585	35596	35616	
	(35521) (1)	TTCCATTAATGTCTGAAGCGATTGAACTTCAACTTCTTCACTGTCATCTGACTCGACAGAGTTATCAATCTTTGACACAACCTCGTAATGAATGCAC -----									

SARS-CoV-2 & T4.apr

		Section 372									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(35617)	35617	35629	35640	35651	35662	35673	35684	35695	35712	
	(35617)	AACTTTTTCTAGTTCAGATTCGAACCTTCGTCAGATTTTTGTCTACTTCAGTTACTATAACACGTACTGATAGATTTGTAAAATCTTTATAGTCAAT									

		Section 373									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(35713)	35713	35728	35739	35750	35761	35772	35783	35794	35808	
	(35713)	TTTTTCCTTTAAATGGATAATGAATTCTACGATGCCAGGTAGTATTGTTTGAATAAAATTCGTTTCGTTCTGTTTCTGTATCAAACATCCAGAACCC									

		Section 374									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(35809)	35809	35816	35827	35838	35849	35860	35871	35882	35893	35904
	(35809)	ACGAGGGTCATTCTCGTCACCTGCGGTTAGTGTCCATGGTGTCCCAATATATCTGACGTTTGCAGCCTCAGAAATAGTATGGAAGTGACCAGACCA									

		Section 375									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(35905)	35905	35915	35926	35937	35948	35959	35970	35981	36000	
	(35905)	CACTTCCTTTATAAGTCTTAAGGAAATCGGGTTCAAGACCATGAGATTTTCATTCTTTATAAAAATAAAATCCATTTCAGTTCCAGTGACCAACACA									

		Section 376									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(36001)	36001	36014	36025	36036	36047	36058	36069	36080	36096	
	(36001)	AAAAGAAGCAGATGAAGTTTTGATATGCTCAAGAATTTACCAGTATTTTCTTCGCACATCCAAGGAATCAAATCAATCAAACACCCGTCAAATC									

		Section 377									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(36097)	36097	36102	36113	36124	36135	36146	36157	36168	36179	36192
	(36097)	TACTGTAGTAGGCTTATCATACACTTTAACATTAGGATATTTAGCCAAAAGCTCAGTAGAAGCATTTGGATGCATTACATTTTTATAGTGAGATC									

		Section 378									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(36193)	36193	36201	36212	36223	36234	36245	36256	36267	36288	
	(36193)	GTGATTTTCTACAATAGTGTGTAATGTAATTCAGCATCATCAAGCGTTTGAACATTTACGGGCAAACCTCCATAGTTTTATGTGTGATCGCTTT									

SARS-CoV-2 & T4.apr

		Section 379									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(36289)	36289	36300	36311	36322	36333	36344	36355	36366	36384	
	(36289) (1)	TCGCACATCAAAAAATATCACCGTATTGAATCCAGGTAGTAATTCCATTTTTCTTAGAATATTCTATCGCTTGCTTAATTCCATCAATTTGAATACC									
		Section 380									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(36385)	36385	36399	36410	36421	36432	36443	36454	36465	36480	
	(36385) (1)	GCGAATCCACTCATCATCAGCTTTAACGCCTAAATGCCAATCACCTAAATTTAAATTTTCATATATCAAGAACCGTCATTGAAATGCAAAATAAA									
		Section 381									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(36481)	36481	36487	36498	36509	36520	36531	36542	36553	36564	36576
	(36481) (1)	ATTATTGAAATAAAATCCATCTGGAGTGCTAAAGAACCCAATCCAACATGCTCTAGTGAATAGATAAAATGCAAGAAAAAGTATCACATATCCAAGA									
		Section 382									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(36577)	36577	36586	36597	36608	36619	36630	36641	36652	36672	
	(36577) (1)	AATATCATTATATCAAACCTCCGTATAAAGCTAAAGGGCCGAAGCCCTTTATTTTGTAAATAATGTCAAACCTGTTCTTTAAAGCAGAAGCTTGAATCT									
		Section 383									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(36673)	36673	36685	36696	36707	36718	36729	36740	36751	36768	
	(36673) (1)	TGATGCTGATACAAAAATTCATATGCTTTTTCTCGCTCACGGTCATAAAGAGCTCGGTCAGATGACAGTTCTTTAATACGTTCAAATGTTGATTCC									
		Section 384									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(36769)	36769	36784	36795	36806	36817	36828	36839	36850	36864	
	(36769) (1)	ATATCATTTTTATCAAACCAAATGATACCGCTATCATGCGAGGTCAAAGGAGTATTATCAACACGGAATTTTAAATTTTCGCCAGTAGATTTCCAA									
		Section 385									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(36865)	36865	36872	36883	36894	36905	36916	36927	36938	36949	36960
	(36865) (1)	AATACCGGAATTGTTCCACATGCACCAAGCTCGAGATGAGTATATTCGAGTGAGCGTTGTAAGTATTTCTGGTTAAGTTTACTCAACTGATATCCA									

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		Section 386							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(36961)	36961	36971	36982	36993	37004	37015	37026	37037
	(36961)	AAGCCAGATTTACTCATTCGTTCAAGCATTTCACTATTAATATAACAATCTAGGATTTGTGCCGTTGATTCGGCGCGAGATTCATTTTATCAATC							
		Section 387							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(37057)	37057	37070	37081	37092	37103	37114	37125	37136
	(37057)	TCACGATTACCGTAATATTCATACGGAATACCTTTTTCTTAATTGCAATAAAAGCAGGGGAACGTTCCAGACCTTCCATTACAGTGGATTACCA							
		Section 388							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(37153)	37153	37158	37169	37180	37191	37202	37213	37224
	(37153)	GCAGGTTTTAAGAATTTTTCATGAAAATCAAACATCTGGTAAAAACCTTTCCATGTAGTCGTACGACCAATCCAACGGTTGATATTCATGTTAATT							
		Section 389							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(37249)	37249	37257	37268	37279	37290	37301	37312	37323
	(37249)	TCAGAAACATCTTTCCAATAAGTTGACCGAACCTTCACAATATCCATAGGAGGCTGAAAATTATATACTGTGCGGTGCTTCTTCAATATCATCAAAC							
		Section 390							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(37345)	37345	37356	37367	37378	37389	37400	37411	37422
	(37345)	AGAGAAACAGTTTCTGGATACCATTCTTTCATCAGAACTTTATTTAAATCACCATTATCAGAATGGCTAAAAATAACATCAGCTCGACGAACAGTT							
		Section 391							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(37441)	37441	37455	37466	37477	37488	37499	37510	37521
	(37441)	TCTTCTAATCCCAAATTTTCGACGCAAAGAAAGAACAGAATGATCATGCTGATAAACTACAACACGAATAGAAGGTTTAATATTATCTAAAAGTTTT							
		Section 392							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(37537)	37537	37543	37554	37565	37576	37587	37598	37609
	(37537)	TTATAGTTATTAATCGTAGCTTCTTGAACGGAAGTAGCAGGAACAGAATTAATAATTAGAATATCACAATCATTTACTAGCTTAAGTGCTTTATCG							

SARS-CoV-2 & T4.apr

		Section 393							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(37633)	37633	37642	37653	37664	37675	37686	37697	37708
	(37633)	TATTCTTTAGCTAAAATAACTGGAATTGAAAATGATTTGTGGTCATGAGAACTTGTACGAGTAAATGATTTATCTTTAGCATAAACCAAAGTTACT							
		Section 394							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(37729)	37729	37741	37752	37763	37774	37785	37796	37807
	(37729)	TCATGACCATTTTTAATAAACCAATCACGTTGCTCGAGTGAGAATTTTGTTACACCACAACCTTCAAGACCTCGAGCCATAAAAAATGCAAATACGC							
		Section 395							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(37825)	37825	37840	37851	37862	37873	37884	37895	37906
	(37825)	ATAGTTTTCTCTTTTCATTTAATAAATCATGTAAATAATATTTTATTTTCTATAAAACGCTACGAATAGGCCCAAACATATCCATAAGCAATTTT							
		Section 396							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(37921)	37921	37928	37939	37950	37961	37972	37983	37994
	(37921)	GCTTTTTCCAGATATGCACTTTTTAATATTAGACATGCATCCTTTAACGGATACAGCTGCGTCTTTAATTCTAGGAAATACTCGTAATAATTTTCC							
		Section 397							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(38017)	38017	38027	38038	38049	38060	38071	38082	38093
	(38017)	AGTAGTATCATATTGAAATACTGGCACATTTCTTTTCTGAGTTATCCCACGTTTAGATTTAGACATTTTTTGTGTTAGTTGCATTAGACATCCTAGA							
		Section 398							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(38113)	38113	38126	38137	38148	38159	38170	38181	38192
	(38113)	GGGCTTTCTCTATGTTATCAGAATAATAATATTTCCATTGAAATCCTCCAGCGGTTTTCTTTTACCATCTACACATTGTTTAATTGAAGTTGAACA							
		Section 399							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(38209)	38209	38214	38225	38236	38247	38258	38269	38280
	(38209)	GCTATATGACATATCTTCTGCAGCATCTGTAATACATCTATATTTGCGAATAAAATTTCCATTTAAATCATATTGATAAATTGGTTTTCCAGCATT							

SARS-CoV-2 & T4.apr

		Section 400									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(38305)	38305	38313	38324	38335	38346	38357	38368	38379	38400	
	(38305) (1)	TCGTCTAGCGTTAGACATGTATTTTTTATTATCATCATCTTCCAGAACTCTTTCATGCTTCCGATATTGAAGAAGATACAGCTGTTTTAATCCA -----									
		Section 401									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(38401)	38401	38412	38423	38434	38445	38456	38467	38478	38496	
	(38401) (1)	TCCATACATTTTATTATTAGTCTTGTTCCGTCAGAACTATAACACATCATACGAATAGCTAAAGCCAATTTAGGAAGTCTATAAATTTTAAATAA -----									
		Section 402									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(38497)	38497	38511	38522	38533	38544	38555	38566	38577	38592	
	(38497) (1)	TAATAAATGCGCGGTAAATGTTCTTCTGGTGTCAAAGAAGCTAAATTAGTTTTATCATCTGTACCACCCATACATCTAGGAATTATATGATGTGT -----									
		Section 403									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(38593)	38593	38599	38610	38621	38632	38643	38654	38665	38676	38688
	(38593) (1)	TTCAGTATAGTATGTCAAAGACTTTTATCATTGCCTCTGTTTAGTCTTTTTTCGATCAGTAAATTATATATGTTTAAATAATTCATTTTAGTTTA -----									
		Section 404									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(38689)	38689	38698	38709	38720	38731	38742	38753	38764	38784	
	(38689) (1)	TTTTACCAAAAAATTTATAAAGCAATATAGGAGCCGAAGCTCCTATCCACATAATACGCCATACAGAGGCTCGTTAGAACTTTTAAATTTTATGCG -----									
		Section 405									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(38785)	38785	38797	38808	38819	38830	38841	38852	38863	38880	
	(38785) (1)	CTTATATGTTATAGTTCCTTCTGCTTTAGCTTTATCATGAGCCTCTTTAAAGCGTCTCATCATTTCTCTCTAGAGGAACGAATTTTATTATAATC -----									
		Section 406									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(38881)	38881	38896	38907	38918	38929	38940	38951	38962	38976	
	(38881) (1)	TATTTTCAGAAGTCGGATGTTTCATCTTTCACAGTTGCCACCATTTTTTGACTTGATAAGAATCAACCCACACTTTCATATTAGGGTCTGCTCTTACA -----									

SARS-CoV-2 & T4.apr

Section 407											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(38977)	38977	38984	38995	39006	39017	39028	39039	39050	39061	39072
	(38977)	ATAGGAGGATTAAC TTCTTTGATTGAAC TATCACGGTATTCTTTTTTCAGAAATTTTCACGCAAAGATGACCATTCAAAGATT CAGTAAATCCTGCA									
	(1)	-----									
Section 408											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(39073)	39073	39083	39094	39105	39116	39127	39138	39149	39168	
	(39073)	TTAATTTTAAAGACGCTTGAATTTTACGTGTGTAAGCATCAATCATATCCTCAATCTGCGATCTAGTAGTCTTCCAAAGAATACTGATGAGTTCATC									
	(1)	-----									
Section 409											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(39169)	39169	39182	39193	39204	39215	39226	39237	39248	39264	
	(39169)	GTTATATGGCTGTTTTAGAATATCCCGACTTTTCTTGATAGCATATTTCGTATTGAGCAAATTTATTATTTTCAGCTGCGATCTGAGCGTGCTTATA									
	(1)	-----									
Section 410											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(39265)	39265	39270	39281	39292	39303	39314	39325	39336	39347	39360
	(39265)	AAGACGATTTCAGTTCGCGTTTGTGTTTTAGACAATAACTTATTTGCTTTTCTTCTGCTTCAAGACGGTTCTTTTCTTCAATAGAAGAAATAAGCTT									
	(1)	-----									
Section 411											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(39361)	39361	39369	39380	39391	39402	39413	39424	39435	39456	
	(39361)	TTCCACTTCATCATTAATTTTCGGGTTTATCAGTCATATTATTTCTCTAATATAAAATAAAATCATCATCTGTTAAATGATACCGATAGTTTAATT									
	(1)	-----									
Section 412											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(39457)	39457	39468	39479	39490	39501	39512	39523	39534	39552	
	(39457)	CTACACCATTAGATTTAAAAGCGGTATCATACGGATTTTCTGGATCAATATCAATGTCAAGAGCTAAACTTCCCTGAGATACATTTTAAAGTAAAT									
	(1)	-----									
Section 413											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(39553)	39553	39567	39578	39589	39600	39611	39622	39633	39648	
	(39553)	AGGGAATAGCTTCAACTTCAGGTATTTCTTCCAAGAATCCGGAGAGGTTAATCGTTAGCCTCATATAAAAAATCCAACTAGGAGAATCATCTACA									
	(1)	-----									

SARS-CoV-2 & T4.apr

										Section 414	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(39649)	39649	39655	39666	39677	39688	39699	39710	39721	39732	39744
	(39649)	ACACTTTTCTTTTCAGCCCCCGGTGTTCTATAGGTTGATTCTTCGTAATGCGTCATTTTATCATAGATGTCTTGAATAAAAGTTTCATCTACTAAC									
	(1)	-----									
										Section 415	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(39745)	39745	39754	39765	39776	39787	39798	39809	39820	39840	
	(39745)	GCAACCATATCGTCGTCACGGCTGTCATAGACATTGTGAACGAAGTAACTATATTTCTTTGCAACTTCCTTACGTTCTTTTTTAATACGTTGGACG									
	(1)	-----									
										Section 416	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(39841)	39841	39853	39864	39875	39886	39897	39908	39919	39936	
	(39841)	AATGCATTAAAAACAAGCTTGAGTTATATACGCATGTGGGTTTTTATATTTTCGTTTCATCAAAATTGTGAAGCCCCTTAATAGAAGCTTCTATACCA									
	(1)	-----									
										Section 417	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(39937)	39937	39952	39963	39974	39985	39996	40007	40018	40032	
	(39937)	TCTGCAATCATTTCTTGTTTCCAAGACTGGGTGTATCCTGAAAAGTTGAAACGTTTAGATAAGCCTTCTGCAATAAGCATAATGGCTAATCCGATA									
	(1)	-----									
										Section 418	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(40033)	40033	40040	40051	40062	40073	40084	40095	40106	40117	40128
	(40033)	GTATCATTCTGACGAACTACTTTATTTGGGTCTTTATTATTGCTAATTCTGTTTTCCAATCAATAATAGCTTGTAAGCTCTTTATTGTTTACG									
	(1)	-----									
										Section 419	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(40129)	40129	40139	40150	40161	40172	40183	40194	40205	40224	
	(40129)	TAATTATATTTAGGCTTAGTTTCTGACATTTTCACCTCTTAGCTCAATTCATAGATCTATTATATCATAATATTTGAAGACCTATCTTAAAGCATA									
	(1)	-----									
										Section 420	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(40225)	40225	40238	40249	40260	40271	40282	40293	40304	40320	
	(40225)	GAGGATGAATCAATTTCAAGCACTTCATCAGATTAGCCGCTCCAAGAGCTGCATCTAGTGAATCAAATTGGTCAACATATTCAATTAATTGCCCGT									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 421									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(40321)	40321	40326	40337	40348	40359	40370	40381	40392	40403	40416
	(40321)	AATTAGCGTATAACCACCATTTGGCTAAATTCATACTCAAGGATGAATCCATTTCTTCAATTTGAGTTAAACCAATGCCATTTGTATTTACTTCAT									
	(1)	-----									
		Section 422									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(40417)	40417	40425	40436	40447	40458	40469	40480	40491		40512
	(40417)	ACCCAGCGAGACGTAAATCGTTAATAAGAGCTTCGTTTACATAATTATACCTTAGTAATTTTCAGGTCTGCAAAATTTTCTTGC GTTGATTTTTTCAT									
	(1)	-----									
		Section 423									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(40513)	40513	40524	40535	40546	40557	40568	40579	40590		40608
	(40513)	GCGACGAATAGTTTTATCGGAAATTTTCATGCTTTTGATAAGCTTTAGATTCTACACCAAAGCTTTAACATCAAATTTCTGACAAGATATATTGAAC									
	(1)	-----									
		Section 424									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(40609)	40609	40623	40634	40645	40656	40667	40678	40689		40704
	(40609)	CAACAATTCACGGACAGTATTGCGTCCAATCTTCTGATCATTCTGTTTCATCGTTTGATGAAGCTCTTTTTCCCATTATCCAAAATTTGAGGAGT									
	(1)	-----									
		Section 425									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(40705)	40705	40711	40722	40733	40744	40755	40766	40777	40788	40800
	(40705)	TACAATATCGCCTTTTTCTAGCAAAGAACTACTTTATCATATGCGTAAGAATTGATGGCGTTTTTAATTTGAATAGTCATACATTATCCTCAATT									
	(1)	-----									
		Section 426									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(40801)	40801	40810	40821	40832	40843	40854	40865	40876		40896
	(40801)	ACGTTAAATTTTATTATCCAAAAAGGCCGAAGCCCTTAGGCTAAACTTTTTGGCACCCCTTCAGCCTTCGTACATCATTGCGACTGACAATGACA									
	(1)	-----									
		Section 427									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(40897)	40897	40909	40920	40931	40942	40953	40964	40975		40992
	(40897)	AAGCTCCTTCACATGCTGCATACTTATTATCCAGAACCAATTTAGAAAACTTCATCCTCAATACCGTTGTGTTTCATGTTCTGAAAAATTTGG									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 428							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(40993)	40993	41008	41019	41030	41041	41052	41063	41074
	(40993)	CGCGTTCTTCAGCAATTCGCTGCGATAATTTAGATTCAGGATTCATTTAAATTTCCCAATTGCCATTTTCATCAATAAATTTAATCCAGTCATTTA							
	(1)	-----							
		Section 429							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(41089)	41089	41096	41107	41118	41129	41140	41151	41162
	(41089)	CTGACCACTTGGTCGTATCGCCTTTTGGAGTAACATTTAAAGTGATAGCCCTTGCTTAAAAAGCATGCGTTTGATATTCATATTTTCCTCAGCTG							
	(1)	-----							
		Section 430							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(41185)	41185	41195	41206	41217	41228	41239	41250	41261
	(41185)	TAACGATAACACTCGTTTGATTTACGTTTAGCAACTCGTTGAGAAGTATTATAATCAAAATCATCATCAATGTAAACTGATTTTTTCAACTTTCTT							
	(1)	-----							
		Section 431							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(41281)	41281	41294	41305	41316	41327	41338	41349	41360
	(41281)	ACTTCACCGCGTAATTGACGATTTAACTCATCTTTAACTTCTGAATCAATACCTTTTCATTCTACGCCATTTATCTGAGCGAAAAATGTTTTCAACC							
	(1)	-----							
		Section 432							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(41377)	41377	41382	41393	41404	41415	41426	41437	41448
	(41377)	ATATCTTTATGACTTACCCCATCAGGAGCTTTACGCTTTCCGAAATAGTCATAATCAGCACTTTTAAGTCTTTACGACGATACGTTTTACCCATG							
	(1)	-----							
		Section 433							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(41473)	41473	41481	41492	41503	41514	41525	41536	41547
	(41473)	GAGTTTAATTTCTTAGCAACTGAACTAAATACAGCACGATCACAAATCATACGTTTATGTAACCTTGAGTATAAGATAGTAAACATCAAAACCATT							
	(1)	-----							
		Section 434							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(41569)	41569	41580	41591	41602	41613	41624	41635	41646
	(41569)	TACATAAGTAACACGAACAACATTACCATTACAGAGATAATACTGTCCCTTTTAACTCTCTTTATCAACCACAACCATATCAATTCCTCAAAGGTA							
	(1)	-----							

SARS-CoV-2 & T4.apr

		Section 435									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(41665)	41665	41679	41690	41701	41712	41723	41734	41745	41760	
	(41665) (1)	ATTCATATGTTAATAATAACACGGTTTGAAC TTGTTGTAAACAAC TTTGTGAAAAATATTTTAGGGAATGATAAGAAAGGAACGATAGCTTAGAAT									
		Section 436									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(41761)	41761	41767	41778	41789	41800	41811	41822	41833	41844	41856
	(41761) (1)	GGTAATATACAGAATGTGAGAAAGAAAGGCCAGAGGGCCGTCCTTAATCTTCTATGATATCTCTATCATATCCAAGTGAAATGAGAGTTTCTTTG									
		Section 437									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(41857)	41857	41866	41877	41888	41899	41910	41921	41932	41952	
	(41857) (1)	AAGTGT TTAATGTTCTTTTGTCTAGAAATCATTAAATGAAAATGACTGGATAACGAATGTTAAGAGATGTGAATCCAGCGCGTTTAGCAAGAGATACA									
		Section 438									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(41953)	41953	41965	41976	41987	41998	42009	42020	42031	42048	
	(41953) (1)	ATCAGCGGACGATCATACTCAATCTTACCATTATTTGTAAGAACTTTATAGAAAGTAAAAGGAGCATTGAGCTCCTTTAGAAGTTTTGTAAC TGAT									
		Section 439									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(42049)	42049	42064	42075	42086	42097	42108	42119	42130	42144	
	(42049) (1)	TGACATCCAGGACAACGACCTACTTCATCTGGAATTCATAGACTTCAATCTTATTTGTTTCACAACTATTCCTTACTAAGAGCAGCATT CAGCT									
		Section 440									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(42145)	42145	42152	42163	42174	42185	42196	42207	42218	42229	42240
	(42145) (1)	TGTTAGTAATTTTATCCAGACGCTCATTGAATTCAGTAGAAGATAAGCCCTTTTCTGGAGAAATCAAATAATCACGAAAAATATAGCAATAAAAG									
		Section 441									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(42241)	42241	42251	42262	42273	42284	42295	42306	42317	42336	
	(42241) (1)	GAATAAGGAAAAATAGCTCCAAC TGCCATAAACAGAAAGAATGTTACAGTTGTAAGAAATCAGCTAAACCTTTACGAAATTTATACATTTACATTT									

SARS-CoV-2 & T4.apr

		Section 442									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(42337)	42337	42350	42361	42372	42383	42394	42405	42416	42432	
	(42337)	ACCTTTAATTGATTAAACCAAGCATTGATAAGCACTAAACTATACTGCGAATAAAATTCTGGACCAAATGAAAATCATATCATTATAGTATCCAT									
	(1)	-----									
		Section 443									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(42433)	42433	42438	42449	42460	42471	42482	42493	42504	42515	42528
	(42433)	AATGTAATTCAATTTAATCATGTTTCCACACCCCATCGGTATTTGACCAAAGTCGCTGATTATCTGATCCTCGCCACAGCTTTTTGGTCGGAAGAT									
	(1)	-----									
		Section 444									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(42529)	42529	42537	42548	42559	42570	42581	42592	42603	42624	
	(42529)	TTTTCTCATACTTCCCATCAATAATAACATCAACATATTTAAGCATTTCTAGTTGTTTAATATCTTCAAACCTTATATCCTGTCCACAACCAGATAT									
	(1)	-----									
		Section 445									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(42625)	42625	42636	42647	42658	42669	42680	42691	42702	42720	
	(42625)	CTTTCTCCGGAAATCTTGCTTTAACCCAAGAACTAAATTTGAAATCTCTTCTCGGTTCTGTGGATAAAGTGGGTCACCGCCGGTTAAGGTAAGGC									
	(1)	-----									
		Section 446									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(42721)	42721	42735	42746	42757	42768	42779	42790	42801	42816	
	(42721)	CTTGATATACGATTTGCTTAAATGGGACGCAAGTTCTTTAACGGTATTCATAGTGAATAACTGTCCGTTACGAGCATTCCAAGTACTACGATTAT									
	(1)	-----									
		Section 447									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(42817)	42817	42823	42834	42845	42856	42867	42878	42889	42900	42912
	(42817)	AACAACTTCGCATTTATGCAAACATCCAGTGACGAAGAGAACGACCCTACATCCAGGGCCGTTAACGAAATCGCATGGATAAATTCTATCATAAT									
	(1)	-----									
		Section 448									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(42913)	42913	42922	42933	42944	42955	42966	42977	42988	43008	
	(42913)	TCATCTTTATATTTCCAAGTATATCCCTTATGAATAGATTGAATTCCTTTGCAACATTTATAAACAGCAGAATGAAAAATCCTGCATTTCTTATT									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 449							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(43009)	43009	43021	43032	43043	43054	43065	43076	43087
	(43009) (1)	TCAGTTGCTCCAGTTAGTTCTATTGTATTTCCGTCTGGTGAATAGCCAATAACCGTTTTGGTGTTAAAGCGATTTCTAGAACTATTTTTGATATGC -----							
		Section 450							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(43105)	43105	43120	43131	43142	43153	43164	43175	43186
	(43105) (1)	TCTTTATGATTAGTAGACAAAGTTCTTCCTGTTAGCCCATCAGATATCCTTTTTCCAAAATCATCAGGAAGAGTTACTTTAGACCTAGCTATGCTC -----							
		Section 451							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(43201)	43201	43208	43219	43230	43241	43252	43263	43274
	(43201) (1)	ATTAGCTTCTTAGTTTTATCGCTTCTTTTTGCGCCACGCTGATTTTCAAATTTCTTAGCTTTTGCATACGCGTATTGTGAAGAAGTAACTTTTCTA -----							
		Section 452							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(43297)	43297	43307	43318	43329	43340	43351	43362	43373
	(43297) (1)	TGCTTACTATTACTCATTATCCAATATGCATCATACATCTTCCACCATATATTTTAGCCAATAAATGGTGAGCAGTATAGTGGGCCTTATAAGTT -----							
		Section 453							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(43393)	43393	43406	43417	43428	43439	43450	43461	43472
	(43393) (1)	AAAAATACTAAGTTGTCTAAATCATCTGAACCAACCCATACTTCTTGGAATTATATGATGAAGTTCATACCCGGCTTTAGTTTGACGGGGCTTAGAT -----							
		Section 454							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(43489)	43489	43494	43505	43516	43527	43538	43549	43560
	(43489) (1)	GGGTGTTTCAGCAGAATTAAGTAGATTGAATAGATTCTGTCATAATTCATTGGTGCTTAACCCTATGCATGATTTCTTTATTTTTACCGAGATTAA -----							
		Section 455							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(43585)	43585	43593	43604	43615	43626	43637	43648	43659
	(43585) (1)	ATCCGCGTTCGTTCCGATTTCCCAAATAACCACATGTTCTTCTTATGGTATTCATCTTTTTAGGATCAGTTTCTCCACAAATAGAACAACAAATC -----							

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		Section 456							
	(43681)	43681	43692	43703	43714	43725	43736	43747	43758
T4 NC 000866.4	(43681)	CGTTTTTCAGTAGGAGTCATTTTCATGGGTACTTCCACATGTAAAACATTTATCTACTGGCATATTAACACCAAATAATCTAAATGCTGTGCAGCAT							
SARS-CoV-2 NC_045512.2	(1)	-----							
		Section 457							
	(43777)	43777	43791	43802	43813	43824	43835	43846	43857
T4 NC 000866.4	(43777)	AATCCCACACGGCCTCAAGACCTTTTAAGTTATTTTTTCATATCAGGAAGTTCAACATAAGAAATGTGACCACCTGTGCAATGAAATGATATGGCG							
SARS-CoV-2 NC_045512.2	(1)	-----							
		Section 458							
	(43873)	43873	43879	43890	43901	43912	43923	43934	43945
T4 NC 000866.4	(43873)	CTTCACGAGAAATCTTTTCAAACGGAGTAATATTTTCTTCTACTGAAACATGGAAACTGTTAGTGTACCAGCCTTTATCGGTAACATCTTTTACGC							
SARS-CoV-2 NC_045512.2	(1)	-----							
		Section 459							
	(43969)	43969	43978	43989	44000	44011	44022	44033	44044
T4 NC 000866.4	(43969)	TTCCATATTTTTCTGTATCGAGTTTACAGAAGCGATAACACAGGTTTTTCAGCAGGAGTCGAATATAAACTAAAGCAAATCCGGTTCCTTTTCAGTCC							
SARS-CoV-2 NC_045512.2	(1)	-----							
		Section 460							
	(44065)	44065	44077	44088	44099	44110	44121	44132	44143
T4 NC 000866.4	(44065)	ACTGTTTAAAGATGAGCATTTCATTTTAGTTAAAATTTCTCGTCCAATATCACGACCGACAAGAATATTCAATTCGTGAATACCAATGTATCCTAAAG							
SARS-CoV-2 NC_045512.2	(1)	-----							
		Section 461							
	(44161)	44161	44176	44187	44198	44209	44220	44231	44242
T4 NC 000866.4	(44161)	ACACTGAACCTTCTACCGTTTTTAAATAACTCAATTATGTCGTCATCAGGTTTAAAGACGAACCCCGAATGCACCTTCTTGGTAAAGAATAGGAGCAA							
SARS-CoV-2 NC_045512.2	(1)	-----							
		Section 462							
	(44257)	44257	44264	44275	44286	44297	44308	44319	44330
T4 NC 000866.4	(44257)	CAGTAGCTTTAACTCCTTTTAAAGGAACTAATTCTACACATCAAAGCTTCAAAACATAAATCCATTTCGTTTCATTAAATAGCTCAACAAATTTCTGTT							
SARS-CoV-2 NC_045512.2	(1)	-----							

SARS-CoV-2 & T4.apr

		Section 463							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(44353)	44353	44363	44374	44385	44396	44407	44418	44429
	(44353)	CATTGAACTGTGTTCCAATATAAGAATCTAACGCGATGCGAGGAAGATTTCAGTGTTACAACACCAAGATTATTGCGTCCATCAAGAATTTTCATTGC							
		Section 464							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(44449)	44449	44462	44473	44484	44495	44506	44517	44528
	(44449)	CAGTCGAATCTTTCCATACGCTCAAGAACTACGGCAACCCATCGGAGAAACAGGAACAGATGAACCAGTGATAGCTTTATTGTTCTTAGCTGAA							
		Section 465							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(44545)	44545	44550	44561	44572	44583	44594	44605	44616
	(44545)	TAATATCAGGATACATCCTTTTGCTTGCGCACTCTAGAGCAAGCTGTTTAATATCATAGTTCGGATCGTCTTTATAAAGATTAACACCTTCTTCAA							
		Section 466							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(44641)	44641	44649	44660	44671	44682	44693	44704	44715
	(44641)	CGAACATAACAAGCTTAGGGAAAATAGGAGTTATCCCATCACGACCAAGACCTTTAATACGATTTTTTCAGAATTGCTTTCTGAATCATTCGTTTCAG							
		Section 467							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(44737)	44737	44748	44759	44770	44781	44792	44803	44814
	(44737)	TCCAGTCAGTTCCCGTACCAAATGTAATTGTTACAAAAGGAGTCTGTCCGTTTGAACCTGAATAACGTGTTCACTTCATCAATGTGTTTCAGTAGAGT							
		Section 468							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(44833)	44833	44847	44858	44869	44880	44891	44902	44913
	(44833)	TCGCTACTTCTCTACCCGTTTATATGAAACAATGTAATTTGGATAAATTGTCATCTAAACACAAATCTTTAATACGACTTGGGTGGAGTTTTAAATC							
		Section 469							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(44929)	44929	44935	44946	44957	44968	44979	44990	45001
	(44929)	TTTAGCAGCATCCACAAATGATTTATAGATATTGTCATTTATTTTAACATATTCTGGGACGGGATGAATTGTTATTTTTATATCTATAACATTTGG							

SARS-CoV-2 & T4.apr

		Section 470									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(45025)	45025	45034	45045	45056	45067	45078	45089	45100	45120	
	(45025) (1)	ATGATTACTAACCTGTTCTTCAGAGCATTTAAGAAATTTTGCAGCTGATTTAAACTTCTAAATTTATTTCCGGATTTTAAAGCTATAGAAACAGT -----									
		Section 471									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(45121)	45121	45133	45144	45155	45166	45177	45188	45199	45216	
	(45121) (1)	CTTTTATAGCCGTTCTACTACCAATATTATTTTTTAACATGAGCTTCACTTCTACTATTATTTTTTATAATGCTCAATCAATTTCTCTCGTATCTTATC -----									
		Section 472									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(45217)	45217	45232	45243	45254	45265	45276	45287	45298	45312	
	(45217) (1)	TTTATGTTTTTAAAGATAAGATTTTACCTTTATGGGCATTACTAAGTTTTTGCTTATGTTCTTCTGAATCCGGATATTTGTTAAATTTATATCCACC -----									
		Section 473									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(45313)	45313	45320	45331	45342	45353	45364	45375	45386	45397	45408
	(45313) (1)	TATAGATTTATTAAGAATAAATTCGTTATTAAATATTTTCTAATAAGCATTTCTTCATGTTTAAGGGCCGATTTCATAAGAATCAAAAACCTTGAAG -----									
		Section 474									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(45409)	45409	45419	45430	45441	45452	45463	45474	45485	45504	
	(45409) (1)	AATTATCCACTTAGCTTTATAATCTTTAAGCTTTTCTTTAACAAGCTTAGATGACGAATTGTATTCTTTCCAATTTGTATCTTTACCATATATAGT -----									
		Section 475									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(45505)	45505	45518	45529	45540	45551	45562	45573	45584	45600	
	(45505) (1)	TTTGAATTTTTTAAAAACCTATATAAAAAGACTTATCAGGAAATCTTACCATATAGGTAAATGCTACAGAATTGGCAATTTTTAAGCTTTTTCTTAA -----									
		Section 476									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(45601)	45601	45606	45617	45628	45639	45650	45661	45672	45683	45696
	(45601) (1)	TTTCCATTTTCATCGTTTCACCTCGTATTCATATTTATACGAGGATAAACAGCTGCATGTCACCATGCAGTTCAGACTATATCTTCAACTCTTAGAG -----									

SARS-CoV-2 & T4.apr

		Section 477							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(45697)	45697	45705	45716	45727	45738	45749	45760	45771
	(45697)	TTGTCTGCCGTTTCGGGTCGCTTGACCCCTACTCCCTTACATTCATCAGGGATAGTCGTTGGGCATTTACAGCTACTGCTGATTTAGCAACGGATTG							
		Section 478							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(45793)	45793	45804	45815	45826	45837	45848	45859	45870
	(45793)	TCTCAGTGAGAGTTTCCCGTTTTAGGCAGATTTTACATGAGCTTGACTTACGTTAACTCATAAGCTTGGAATGCATCGTATACGTCTTTTTCTGTT							
		Section 479							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(45889)	45889	45903	45914	45925	45936	45947	45958	45969
	(45889)	TTAGATTGAGCATAATTCAACGCATCAGCGATTTGCCATTTTTCTGCATCCTCAATATGTTTTGCATAGGTGCGTTTAAACATAAGGAGAAAGTACT							
		Section 480							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(45985)	45985	45991	46002	46013	46024	46035	46046	46057
	(45985)	TTATCTACATTGCAAAAAGTCGTTCCGCGTATTGGTGAGAAGCAACTTGCGCAGTAATTTGTGCCATAATTGCAGTAGCAACTCCAATTGATTTA							
		Section 481							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(46081)	46081	46090	46101	46112	46123	46134	46145	46156
	(46081)	GGAGTTTCAATCTGCGCATTACCAAGCTTAAATCCGTTTTCAAGCATTCTTTTAAATCTACTAAACAGCAATTAGTAAATGGAAGAGCAGGGGAA							
		Section 482							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(46177)	46177	46189	46200	46211	46222	46233	46244	46255
	(46177)	TAATCAATATCATGCACGTGAATAATTCCGCTTTCATGCGCTTTCATAATAAAAGACGGGACCATATTTTTGGCAATGTGTTTAGACACAATACCA							
		Section 483							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(46273)	46273	46288	46299	46310	46321	46332	46343	46354
	(46273)	GCCATAAGGTCCCGTTGAGTTGGAAAAACACGAGAATCTTTATTAGCATTCTCGTTTAAAAGGTCTTTATTAGTTTTATGAATTAATCCTTCAATT							

SARS-CoV-2 & T4.apr

Section 484											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(46369)	46369	46376	46387	46398	46409	46420	46431	46442	46453	46464
	(46369)	TCTTTTTCAATTGTCATTTTAAACTCTTTCTAAGCTGCTTCTTGAATGAAGCTATTAATTGTGTTTTGGTGTGAGATTCATTATATTCAAATCCTC									
	(1)	-----									
Section 485											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(46465)	46465	46475	46486	46497	46508	46519	46530	46541	46560	
	(46465)	TTTGAAGCATCTCGGCCATCATTTCTCTTTTCTTAAACGAGAAAATTCCTTTGATTTATCTCCAACAAAGTTAGGGTGAATATTATTTTGGGTGT									
	(1)	-----									
Section 486											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(46561)	46561	46574	46585	46596	46607	46618	46629	46640	46656	
	(46561)	AATCGGATTTTAAATAAGTAAGTAAATTTTCTAACCATTCAAGATAATCAACACCTTGTCCCTTTAAGCCAGAACGATTAAATTTATGCTTCATTT									
	(1)	-----									
Section 487											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(46657)	46657	46662	46673	46684	46695	46706	46717	46728	46739	46752
	(46657)	GACCTTCTGCAGCATTCGCATAGATTACAAAGCAATCCACGCACCTTTCTTGCTTTTGGTCCATTTAATTCATGGTCATGGTCGAGGTGATTAGCTT									
	(1)	-----									
Section 488											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(46753)	46753	46761	46772	46783	46794	46805	46816	46827	46848	
	(46753)	GAACATCAGGATTTAGTTCTCGTTGGCAAATTAAGCATTTACCGTTTTGTGCATCATAAAATTTCTGTTTTTCTTCTTTGTATAATTTGCCAGTCA									
	(1)	-----									
Section 489											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(46849)	46849	46860	46871	46882	46893	46904	46915	46926	46944	
	(46849)	ATAACATAATAAACCTTACCTTAAATAGATAAGGGTATTTATTATTTTCAAGTATTGTAAAACATTTGATGCAATCGCTTATATTGCTGAATCAT									
	(1)	-----									
Section 490											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(46945)	46945	46959	46970	46981	46992	47003	47014	47025	47040	
	(46945)	TCGGTCAGAAAAAGAAATTTGAGTTTCAAGCCATTCAATGTACTCTGCGGCAGCTTGCATTAAATTTCTTCATAGCCATCGTTATTTTCTTGTGC									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 491									
	(47041)	47041	47047	47058	47069	47080	47091	47102	47113	47124	47136
T4 NC 000866.4	(47041)	AGCTAATTTAGCTAATGCGTATGAAATACGTTACCTTGAAAATCGGCTTTAGGCTTCTGAACAACCTTGATTAGTTTCGCTCTACAACCTTCTTCAAT									
SARS-CoV-2 NC_045512.2	(1)	-----									
		Section 492									
	(47137)	47137	47146	47157	47168	47179	47190	47201	47212		47232
T4 NC 000866.4	(47137)	TTCGCCATTTTCTACTGATTTCAGTATTCACAAACACCAATACGTAATTGGCTTATCGTAGATGTTAATAATCTTTCCATCAGAAAGTTCAATTTTC									
SARS-CoV-2 NC_045512.2	(1)	-----									
		Section 493									
	(47233)	47233	47245	47256	47267	47278	47289	47300	47311		47328
T4 NC 000866.4	(47233)	AATAATTCCAGTGTCAGGCTCTATATCATCTTCACATTCTTTTACAAGTTCACGAACCTTTAAAGACAGTACCTGCACTAAGTTCCGGCCAGTAATT									
SARS-CoV-2 NC_045512.2	(1)	-----									
		Section 494									
	(47329)	47329	47344	47355	47366	47377	47388	47399	47410		47424
T4 NC 000866.4	(47329)	ACACAGCCCTGTATCAGCAGGATTAATTCTAAACCATTTATCTACTGTAATCATGTCCCATCTCCATATCAATTAAGTCATTTATCGTTGGTTTCAT									
SARS-CoV-2 NC_045512.2	(1)	-----									
		Section 495									
	(47425)	47425	47432	47443	47454	47465	47476	47487	47498	47509	47520
T4 NC 000866.4	(47425)	TATACACCGTTTCTTCATCAGTGTAACCGGTTCTTCCGGCTCTGGCTCTACAGTTTCCCATCTAGCCGCCACCAAGGTTTTATAGCGTAATCCA									
SARS-CoV-2 NC_045512.2	(1)	-----									
		Section 496									
	(47521)	47521	47531	47542	47553	47564	47575	47586	47597		47616
T4 NC 000866.4	(47521)	TTCTCGTACTGTCTGAGTTACTACACGTTCTCGAAGCTCAACCAGTTCAACAGTAGGAACTGCATAATACCAGTCAGAATGGTAAGAACCTGAGCG									
SARS-CoV-2 NC_045512.2	(1)	-----									
		Section 497									
	(47617)	47617	47630	47641	47652	47663	47674	47685	47696		47712
T4 NC 000866.4	(47617)	AGATTCATTTACAGCCACATGTACATTATGTTTTGGACTAAAATAAACACACTGACGATATTGGCATTTACCATCTTGCACCCAGTCTTCTATTTTC									
SARS-CoV-2 NC_045512.2	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 498									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(47713)	47713	47718	47729	47740	47751	47762	47773	47784	47795	47808
	(47713)	GATAGGTTTAAAGATAGTCGGAAAAATCGAAATCATAGTTTTCCGAAAATGCATCATGGTCTTCAATGATTTTCGCTCAGAACTGCATCAACATCTAA									
	(1)	-----									
		Section 499									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(47809)	47809	47817	47828	47839	47850	47861	47872	47883		47904
	(47809)	TTTATTTTCAATATTCATTTTTTCACACCACCAACTGCTTACTTCAAAATCGGGTTCGCCATGTTCCAGAACCCAGGGGCCGATAGGAATCCACTTA									
	(1)	-----									
		Section 500									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(47905)	47905	47916	47927	47938	47949	47960	47971	47982		48000
	(47905)	CCTTCATCGGTGACGTCATATTCCTTCGGATTTAAGCCCCAACGTATCGCCATTCGACTTCATAAGCGGTACCACCGATTACAACGTGTGTTCTCGCCA									
	(1)	-----									
		Section 501									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(48001)	48001	48015	48026	48037	48048	48059	48070	48081		48096
	(48001)	TACGGGTTAGACACAACAAAGTCTATACCTTCTGCTTTAGCTAACCAAATCATGTATTCATAGAGTTTATATTCCAGGTCGCCTTCTGTTCCATCG									
	(1)	-----									
		Section 502									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(48097)	48097	48103	48114	48125	48136	48147	48158	48169	48180	48192
	(48097)	CCTAGAAAAATAATTTGTTTCATTTAATTCATCATTTAAAGTATTCCCGCAATTGGTCAAATCCACCAATATGACTTCCATCAGGAGCAAATACCT									
	(1)	-----									
		Section 503									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(48193)	48193	48202	48213	48224	48235	48246	48257	48268		48288
	(48193)	GAGGCATTGTTAAGCCGATTTGAGTATCACGACCTAGTTTAGTCAGAAGCTCAGCAATTTTCTCATCATCAAAAACACCTTTTTCCGGCATAATGT									
	(1)	-----									
		Section 504									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(48289)	48289	48301	48312	48323	48334	48345	48356	48367		48384
	(48289)	TGATAAATTCAAACGGCTGTTTCTTCACAGTCAAAAGACGTTTTGCATTATCGCAATACACACATTTATGAATGTTGCTATCATAACCATATACTT									
	(1)	-----									

SARS-CoV-2 & T4.apr

										Section 505
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(48385)	48385	48400	48411	48422	48433	48444	48455	48466	48480
	(48385)	TAAACATATTATTTCCTTAATTCCTAGTACTTGTTTAAAAGTCTCGTCGTAATCAAGACTTTGGCCCGTTTGTTCTTTATGCTTGTATATAATATCA								
	(1)	-----								
										Section 506
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(48481)	48481	48488	48499	48510	48521	48532	48543	48554	48565 48576
	(48481)	CTTACTTCTGATAGCATATTTTTATATGAACGAGTTAAAGCAGATTTAAGCACGCTGTATCTATCAGGAAATTTACCGTGTTTCATTATAATAAGCT								
	(1)	-----								
										Section 507
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(48577)	48577	48587	48598	48609	48620	48631	48642	48653	48672
	(48577)	ATTGCTAATTCACGGACTGCCTTTTCAGCAGTCTCCATATATTCTTTACGCTTTGTCTATTTCTTCTCGGTCAAATCGGTGTTTACAATGGCGACA								
	(1)	-----								
										Section 508
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(48673)	48673	48686	48697	48708	48719	48730	48741	48752	48768
	(48673)	TTTATAACGAAGATTATTAGTCTGCCAATGGACCAATTGCACCTGTTTCAGTTCCACATTTCAGGGCAATTAGGAACGTTTTTAGAAGCCCTTTTCGCG								
	(1)	-----								
										Section 509
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(48769)	48769	48774	48785	48796	48807	48818	48829	48840	48851 48864
	(48769)	ACGTTCAACCATGACCATTACAGAATCCCAATTAACAGGAGGGCTATAATCATCACAACCATAAATCTTTCCACGCATTTCCAGATCGTCTTCTTC								
	(1)	-----								
										Section 510
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(48865)	48865	48873	48884	48895	48906	48917	48928	48939	48960
	(48865)	ACCAGCCATAATAATTTTAATTAGACTAGAATTACTTGAAGCTGCAATGTCTTCTAATAGACGCTTTTTTCATTTCAATACCTCAATAGCATTACGT								
	(1)	-----								
										Section 511
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(48961)	48961	48972	48983	48994	49005	49016	49027	49038	49056
	(48961)	AAACCATTGCTTTGGCGGTTAAATCCTTAAGAACTTTAGTATGCTCTTCAATCTGTTTTTCAACTTCAATCAAACGGGTACTGAGATATTCGCGT								
	(1)	-----								

SARS-CoV-2 & T4.apr

		Section 512									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(49057)	49057	49071	49082	49093	49104	49115	49126	49137	49152	
	(49057)	TCTTCTTTCATAGTATCATTTCCCATGATTGGGCTTTGGCGTAGGTTTAAATTTATTAGGGTCCTTTAACTTAATAACAACCTTTAGTTTCAAACAGT									

		Section 513									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(49153)	49153	49159	49170	49181	49192	49203	49214	49225	49236	49248
	(49153)	GAAAGACCATAATTTCGTATTATCATCAAAGGATTCAACTACGTCCATTTTAGACAATAACGTACGAAGTTTATAAGTCAAAGAACGAATCGTTTTA									

		Section 514									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(49249)	49249	49258	49269	49280	49291	49302	49313	49324	49344	
	(49249)	TTATGTTTATTAGCTTCACATGGTTTCATATATGGAAGATTTTTATATATTTTCATGCGGAGCACAAACAATAATTAACAATTCAAATGGTCCATT									

		Section 515									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(49345)	49345	49357	49368	49379	49390	49401	49412	49423	49440	
	(49345)	TGAGATGATGGAATGAATTTAGCCGTAACCCAATCTTTTACATTTACATTAATAGTACGATCATCGCCATGACAAAACAGTCTACGAGAATGCTTA									

		Section 516									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(49441)	49441	49456	49467	49478	49489	49500	49511	49522	49536	
	(49441)	AAAAGCATATTCACATTATTATTAAATTCGTGTGAAAACCTCACTGGCAAATTTTCTTTACTATCTTTAGAAAACCATTCTTCTAAATAAGTTCTT									

		Section 517									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(49537)	49537	49544	49555	49566	49577	49588	49599	49610	49621	49632
	(49537)	TTCACGTCGTTAATAATATTAAATGTAACAACATTATCATTTGATACATTAGTCTCAATGTAGCTTGGATACATAAATTTTTTAACATTATTAACA									

		Section 518									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(49633)	49633	49643	49654	49665	49676	49687	49698	49709	49728	
	(49633)	GCTATCACAGAAGATAGTAATCGGGAACGTTTGAACCACTCGAGCAAAGAACCAAGAGAATGTGAATACGCATTTTGTGTATCTTTACAAATATGG									

SARS-CoV-2 & T4.apr

		Section 519									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(49729)	49729	49742	49753	49764	49775	49786	49797	49808	49824	
	(49729)	TTTTCCCATCCAATATAGTCTAAAAAATCACGAAGAATATTATTGATTACTTCTCTATGTCCTTTCTGATAATCACGATGTTTAGTAATAAGACTG									

		Section 520									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(49825)	49825	49830	49841	49852	49863	49874	49885	49896	49907	49920
	(49825)	TCAAAAATAATCAATATAATGTTTACGAGTTTTTCATGTTCTTCTCACTTGGTTAATGATTTATACTCCGAGCCATCCTTGGCTTTAAATTTTACTTA									

		Section 521									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(49921)	49921	49929	49940	49951	49962	49973	49984	49995	50016	
	(49921)	ATTAAGTGCAGGCTTGTCTAGACGATCAAGACGATTAACGGATTCTTCCCAAATCTTTTAGCCTGCTCATATTCTTTCTGCGCTTTATTAGAA									

		Section 522									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(50017)	50017	50028	50039	50050	50061	50072	50083	50094	50112	
	(50017)	ATTTCTAGAACTTCTTTATAAGCTTTTTCTAGTGCAATAACTTCTGGACGAATTTCTATCGGTTTCAGGTGAATCATCAAGACATTCCATTAGTTCC									

		Section 523									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(50113)	50113	50127	50138	50149	50160	50171	50182	50193	50208	
	(50113)	TCAAGGGTAGTTTCTTCTTTAGGAGTATTCACAATTTTCATCACATTTTGTGGTAAATTTCTTTACTAGTAGGTGAATAAGCACATTTCACTTCA									

		Section 524									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(50209)	50209	50215	50226	50237	50248	50259	50270	50281	50292	50304
	(50209)	CGAAGGCTAATTACGAGTTTATATCCTTCCCAACCGCATATATTCTTAAAAGGATATGTATGAATATTTTCTACTGTTTCCATACAAAGTAATGCG									

		Section 525									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(50305)	50305	50314	50325	50336	50347	50358	50369	50380	50400	
	(50305)	GTCTCTAATTGACGAGTTATAGTGCTAGCAATTGAGAAAAATTTATTAATATTCTTTTGGTTAGTTTCTGGTGTAATAAATCCATAATTCACAAAA									

SARS-CoV-2 & T4.apr

		Section 526									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(50401)	50401	50413	50424	50435	50446	50457	50468	50479	50496	
	(50401)	ATAGATACTTTATTTTATCAAGTTCATATTCTTTTATGATAATCATATCAGAAGCCAAAGGATGAATTTGACGATAATCGCCATAACATAATTTA									

		Section 527									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(50497)	50497	50512	50523	50534	50545	50556	50567	50578	50592	
	(50497)	GAAGCTGATTTTAGAATTTGCTTCTTGAAAAGTCTGAAATTACTAATCCAACGACGAGTAAAAATATTCTCAGGGTCTTCTTTATTATTGAGATGA									

		Section 528									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(50593)	50593	50600	50611	50622	50633	50644	50655	50666	50677	50688
	(50593)	TAAGAATTAACATCACCGAACCAATTATATCCTACTACATCTTTAGTTCGTTTAATTTCTTTCCCAAATTACCAAGAATATCCCGATTAAACCAA									

		Section 529									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(50689)	50689	50699	50710	50721	50732	50743	50754	50765	50784	
	(50689)	TATGAAAGAAGACGAGACTCTTTAAAGGTTTTCTTGATAACATCTTTATCTACACGGCTAGAAATTTTACGAATTTTCATGAATAAATTTAGTAGAA									

		Section 530									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(50785)	50785	50798	50809	50820	50831	50842	50853	50864	50880	
	(50785)	GAAACAATACTTGCAATCAACACTATTGAGCCACTGATTGATAATAGAAAGAAGCTATTTTGGCCAAACATCGGTATAGCTTTATCATCAATAACG									

		Section 531									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(50881)	50881	50886	50897	50908	50919	50930	50941	50952	50963	50976
	(50881)	CTATTGAATGATTTGATATATTCGTTACGAGTCATATTAATCTCCTCAGTAGAAAGTAAGAACATTATACCACATCCTTGTGGCAAAGTAACTAG									

		Section 532									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(50977)	50977	50985	50996	51007	51018	51029	51040	51051	51072	
	(50977)	TTCAGTGCAATTTAGTGCATTGTTTCAGTTTAGAACGTTGCTTTGTCAGATTTTGAACCCTTGACTGAGCTTGTTCTAACGCCTTTTCAGCTTCTAGC									

SARS-CoV-2 & T4.apr

										Section 533	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(51073)	51073	51084	51095	51106	51117	51128	51139	51150	51168	
	(51073)	ACTTCATTGGTCGCTTTAACTAATTCAGCATCTACTGCCTTAAGAGACTTCTCAATCGCATCCGCGTGCCATTTTTCAACAGGTTTAAGACTTGGG									
	(1)	-----									
										Section 534	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(51169)	51169	51183	51194	51205	51216	51227	51238	51249	51264	
	(51169)	TTTTCAACAGGAAGAAAATTCACCTTTATTGAATTTCCATGCATCTTTATTACCTGAGCTATACATCCAAAATTTAGGATCGTTTGATAAGTAATTA									
	(1)	-----									
										Section 535	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(51265)	51265	51271	51282	51293	51304	51315	51326	51337	51348	51360
	(51265)	GATAAATTTAAGTTATCTTGCACTTCTTGCTTTTTCTCTTGTTGAGTTCGTCCTTTCTCAAAAATTCATATTTAAATGAAACGATCATATCAAGT									
	(1)	-----									
										Section 536	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(51361)	51361	51370	51381	51392	51403	51414	51425	51436	51456	
	(51361)	TCATATGATGTTGTATCTAACTTAAATCGTTCAAAACGAGGTAAATCTTAGATTGAACAGCAGCAACAACATCCATATACTTAAATGCTTCTGTCT									
	(1)	-----									
										Section 537	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(51457)	51457	51469	51480	51491	51502	51513	51524	51535	51552	
	(51457)	AACTGCGATTTAAGGCATTCGCAAATTGAAAGAGAATTTTTGTATTAGGTTTAAAGCTAATTCGTGCAGTTCTATTATTTTCTTTTAACGGTCTT									
	(1)	-----									
										Section 538	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(51553)	51553	51568	51579	51590	51601	51612	51623	51634	51648	
	(51553)	ACTTCCATCTGAAGAGTATAACCATCAAATTTAGATTCTTTAAGTTAATGTCAGAGCCTTTTAATCGACTAGCAGTAGACAAAATTTGCTTTAAT									
	(1)	-----									
										Section 539	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(51649)	51649	51656	51667	51678	51689	51700	51711	51722	51733	51744
	(51649)	TGTCTACGGAACAGAGCAATAAATCTCCATTCAATACGATAATGATTTGGATTGAAAAATCCAGATGATAAATCGACCTTACTTTGACCAACGCCT									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 540							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(51745)	51745	51755	51766	51777	51788	51799	51810	51821
	(51745)	TGAACAAATAGAGGATTTTATAATCAATAGTTTACAGAAATCGGTGAGCTGTTACAGAGCAGTCATTTGAGTAATATACCCTGCTTTACTAAAA							
		Section 541							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(51841)	51841	51854	51865	51876	51887	51898	51909	51920
	(51841)	TTACGCACCCATTCACTGCTATTCGTATACTTAAAGTGATGAATAACACGATTAACTTTATCAGGGTCTAAATTATTTTCACACAAAAATGTCATA							
		Section 542							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(51937)	51937	51942	51953	51964	51975	51986	51997	52008
	(51937)	ACATCACGAGTATAGCTGGCATTACGAACCATATCTTCAATTTGAGAACGAGTTTTTCATGGTGTTCTTAAGATTTAAGTAAATCAACAATTTTAA							
		Section 543							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(52033)	52033	52041	52052	52063	52074	52085	52096	52107
	(52033)	TTAACTTTTCACGCTCAGATTTAGCTTTACTACTCAATCCAGATAGTCTGAAAATTTTCATCATCATATTGTTGAATAGAAATATCAGCTCTTCAAT							
		Section 544							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(52129)	52129	52140	52151	52162	52173	52184	52195	52206
	(52129)	TTGCTTATTAAAAATAATCAATTTGTTTCAGAAATGTTTTTCGTTACTACGAACTGGTACAGGTTTTGTAGGCAATTTAGTTGAACTGGATTTCATTCGG							
		Section 545							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(52225)	52225	52239	52250	52261	52272	52283	52294	52305
	(52225)	GCGATAAAATTAAAAATGCAATTTGAACCAATCGGGCATTAGCACCAGATGAATATTCTAACGTTCCAGCTTCTTTTAAACTTCAAAGCTAAACA							
		Section 546							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(52321)	52321	52327	52338	52349	52360	52371	52382	52393
	(52321)	GAGATGATGCCCCATATTAACATAATCAGTAGAGCGAGCTCTGATGTAATAATCATCTCCACGAGTGCTAAATTTAAAGCATTTAAGGTCTTCTGT							

SARS-CoV-2 & T4.apr

		Section 547							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(52417)	52417	52426	52437	52448	52459	52470	52481	52492
	(52417)	ATTATTAGTTTTAAAAATCATTTGTTTATCTAGACCTTTAGCCAATCGAGCACCTAATGCTAATAATCGTCGTTGATTTTCCCACAAATCTGCGAT							

		Section 548							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(52513)	52513	52525	52536	52547	52558	52569	52580	52591
	(52513)	CATTTGGTCAAATGATAATTTTCGGCATTAGCCGACCATAAAGGTCATATCCTTTATTATAATTGCGAAGGATTTCACTCGCATTAAATACGAGACAA							

		Section 549							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(52609)	52609	52624	52635	52646	52657	52668	52679	52690
	(52609)	CGCTCCAATTTTATTAAAGGGCTTTCATAATACGATTAGATAAACTCATTCCAGACCCGTTTGTTTCGCTGTAAATGTTTTTCTAATCCAAATCCAAT							

		Section 550							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(52705)	52705	52712	52723	52734	52745	52756	52767	52778
	(52705)	ATCAACTTTAAATTTATCTAAAATTTTCAGCATGAACATCTCTGTCAATAACATTCAAATCCAAAGTTGGGTAAATCTATGAAAAAATTTATCTGG							

		Section 551							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(52801)	52801	52811	52822	52833	52844	52855	52866	52877
	(52801)	CTCTCCACGACGTAAAAACAGTCCATTCATTCATCATTTTTTTTATTAATAAGATTTAATTACTGCGTTGACATTATTAATTACTACTGACATATT							

		Section 552							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(52897)	52897	52910	52921	52932	52943	52954	52965	52976
	(52897)	TTCCTCACTCAATTTTACCAATTACGCGGAATAAGATTGAACAGACTATATAAGTACCACATATAGATTGAACTAATGCCATTCCAAAGAACCAAA							

		Section 553							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(52993)	52993	52998	53009	53020	53031	53042	53053	53064
	(52993)	CAATATTATCAAACCATGTCTGTTTTACGTCGAAAGGACGTAACTTACAGTAATATTATCACCTTTTTTCTATTGAAGAATACGTCTCTGGGGAAA							

SARS-CoV-2 & T4.apr

		Section 554									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(53089)	53089	53097	53108	53119	53130	53141	53152	53163	53184	
	(53089)	TATATTCACTAAATCTATAACCGTCTTTGAGTTCATATACAGCAATAAACGATAAACTAGACCCCTTTCCTTGAGTTCCTGTAAGGGTATTAACTA									
		Section 555									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(53185)	53185	53196	53207	53218	53229	53240	53251	53262	53280	
	(53185)	CAGTAACATCATAATCTTTATAATGCATATAATCATTAATTGCGTAATAACCATATGCAATTACTATACATAAACAACATATCAATAAATTCAATC									
		Section 556									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(53281)	53281	53295	53306	53317	53328	53339	53350	53361	53376	
	(53281)	TTTTAATTATCAACTGTTTCATAATAATCTCAATTAAAAGGGCTTAGAACCATTATACCATCCTTGGTATAAAGCGGTTATGCGAGTACCGTATTT									
		Section 557									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(53377)	53377	53383	53394	53405	53416	53427	53438	53449	53460	53472
	(53377)	AACCGTTCTTCAAACCTCCGAAGAGTGTTCTGGCGTTCAGCTCTTTGCTTTTTGTAAGTTTCAATACGCTCTGAAATGAGAGTGATCGTTCATTT									
		Section 558									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(53473)	53473	53482	53493	53504	53515	53526	53537	53548	53568	
	(53473)	ACTGATTCTTTCATAAAATCAGGAATTTCTCGAGAAGCTTTAATCTCGTCAAATTTATCAATAACAGCTTGCTCTTCAGCAATTAAGTTATCATAC									
		Section 559									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(53569)	53569	53581	53592	53603	53614	53625	53636	53647	53664	
	(53569)	ATCAAAATATCTTTCTTGATGAACTCAATATCTTCTTGAGTTACACGAGATAATTTAGATGCTTTATCCTTTTTGTACTGTTGTTAGTATCACGA									
		Section 560									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(53665)	53665	53680	53691	53702	53713	53724	53735	53746	53760	
	(53665)	GACCAGTGTAATGTACGATTTTTATTTCGTATTCTTGTAATTTCTACAATACCAATCTCATCGATAATAACGATCCAATTCCAACGGGATTTGTAA									

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Section 561											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(53761)	53761	53768	53779	53790	53801	53812	53823	53834	53845	53856
	(53761) (1)	ATTTGTCTCCATTAAACAGTGATTTACCTCCGATTGAGATGTCATTAAAGAACTTGCTTTGTGCTTCTGATTTAAATTTACCATCGTTGTAATTT -----									
Section 562											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(53857)	53857	53867	53878	53889	53900	53911	53922	53933	53952	
	(53857) (1)	ACCAGGTTGAAAATATCTTTAGCGTTCATTTTGTGTTCCCTCCGTAGTTGATAGTTGTATAGTACCACAGAGGAACGGTCTTGTAACAACATAAAAG -----									
Section 563											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(53953)	53953	53966	53977	53988	53999	54010	54021	54032	54048	
	(53953) (1)	AAACTTCTTTCACAATTTTTTCCACTGAACCAAGCGCTCACTGCTTTCTTAGTTTCAGGAGCAGTGTTATCCATAAACCATTCAAAGGCAGCCTTT -----									
Section 564											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(54049)	54049	54054	54065	54076	54087	54098	54109	54120	54131	54144
	(54049) (1)	TTATGATTCTGGAGGGCTTCTCGGGCTTTAATCTGCTCACGGTCTATTAACACTAACATATGAGCCTTTCTTGTCACCAGGGGCTTCTTATGATTT -----									
Section 565											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(54145)	54145	54153	54164	54175	54186	54197	54208	54219	54240	
	(54145) (1)	TTTGAATACTCCCAATCATTTGTCCATCGCATCGTTGTTGCGAATTGAAATACAGCTTCTTTAATCTTAGTTTCGTAAATTTACGAGCCTTTGAG -----									
Section 566											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(54241)	54241	54252	54263	54274	54285	54296	54307	54318	54336	
	(54241) (1)	TATAACATCATTACCTCCATTTACCAGTTTAATTCTAGTCATCTTTTTGATGGCAGTCCATATAATCTATTTCTGAACTGCCTTTTTGTCTTAGAA -----									
Section 567											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(54337)	54337	54351	54362	54373	54384	54395	54406	54417	54432	
	(54337) (1)	GGCCTCTTATGAATTTATTTTCAGAAGAGTAACCCGTAGCGATTTCTTCCCAACCGTTTTTGTGCGTCATAATAAAGTCAGCAAGATAAAGTGCAGT -----									

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		Section 568									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(54433)	54433	54439	54450	54461	54472	54483	54494	54505	54516	54528
	(54433) (1)	ACGCAGTGAAACATTACGTAAACGGTTAACATTGACTTTTCATCCATGATAATGCTTTATAAGTTTCTTCATCAGAAAGACCACGCTTTTGCATCAT -----									
		Section 569									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(54529)	54529	54538	54549	54560	54571	54582	54593	54604		54624
	(54529) (1)	GTCGGTTGAAAGAATAACATCTTCAACCCTGACCATAATTTCTTCATTAGTGTGAACACCCAAATCCAAATAAACTGAGCGGGACACTAATGCTTG -----									
		Section 570									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(54625)	54625	54637	54648	54659	54670	54681	54692	54703		54720
	(54625) (1)	TAAATGTGGAGCAAGTTTAGTACCACGGTCTAATTCGCGGTCAATGTCAACGTTTGTGATAAAAACAATTGTTTCCTTTAAATTCGAGCTCAGCTC -----									
		Section 571									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(54721)	54721	54736	54747	54758	54769	54780	54791	54802		54816
	(54721) (1)	AATGCCTTTTTCTTCTAAGTAAGAAGATGCAGTGCTCCAGCAGACTTTACGGGTCTCTCCAGTGTCAGAGCAGCTTTTCAGAAGATTAAGAATGTC -----									
		Section 572									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(54817)	54817	54824	54835	54846	54857	54868	54879	54890	54901	54912
	(54817) (1)	CATATCAGAGAAAACATCCACATCATCAATCAAAAGGACAGAAATTCTCTTCACGATTATTCCAAAGCTGTTTCATAAAGACCGATACCAGAGATTTT -----									
		Section 573									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(54913)	54913	54923	54934	54945	54956	54967	54978	54989		55008
	(54913) (1)	ACCGTTAATGCTTTTATACTCAATGTATCCAATATCATTTGCTTTATTCAAAGCTTTATCTAAAGAATATGTTTTACCAATACCCGCCGCACCAGA -----									
		Section 574									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(55009)	55009	55022	55033	55044	55055	55066	55077	55088		55104
	(55009) (1)	GATAATTAATGAACGAATATTTCCGTTAATAATACCATTTCGTATCATTTCCATAACATTAAATCTTTTATTAATGCGGGTTTTTCATATCTTCATA -----									

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		Section 575									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(55105)	55105	55110	55121	55132	55143	55154	55165	55176	55187	55200
	(55105) (1)	TGATTCTTTAACTTCTTCAACTTTTACACCATCATATGAAATGTCTGATTTGTAAACCCAAACACCGCGACGTTTACCGTCAATTTCAACAAAAAC									
		Section 576									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(55201)	55201	55209	55220	55231	55242	55253	55264	55275		55296
	(55201) (1)	TTTACCATCTCCTTGTGCATCTACCGGAGCATTATCAGGGAACCATTACCTAAGAGCTCAAAAGTTCCAGAGATTTCTTTACCGAAGTACATACC									
		Section 577									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(55297)	55297	55308	55319	55330	55341	55352	55363	55374		55392
	(55297) (1)	CTTATTGATAGTTACAGTTTTTCATTTTATTCTCCAAATCCGTATCAGTTGATAGTTGTATAGTACCATAAAGCTTTATGCTTGTAACCGTTTTGT									
		Section 578									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(55393)	55393	55407	55418	55429	55440	55451	55462	55473		55488
	(55393) (1)	GAAAAAATTTTGAAATAAAAAAGGGAGCCCGAAGGCTCCCTATCATTATAATAACTTCGATGGTTTTCAAGATAAACCTCTCAAGGAAGTCATC									
		Section 579									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(55489)	55489	55495	55506	55517	55528	55539	55550	55561	55572	55584
	(55489) (1)	CCAGAAACTCATGTCTACTTTTTGCTGCATACCGTTCTTAGAAGCTTCAGTAGATGCTGCTTCTACTTGATCGACCACATCTTCCAAAACTCTTG									
		Section 580									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(55585)	55585	55594	55605	55616	55627	55638	55649	55660		55680
	(55585) (1)	AACGGTTTTAAATGGATGCTTACCCAACCTCACGTCGAGAATAAATGGAGCATCTTGAGTGGATAAACCAAGTCACCAGTTTTGTAAATTTCCAA									
		Section 581									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(55681)	55681	55693	55704	55715	55726	55737	55748	55759		55776
	(55681) (1)	TAGTTGAAGTCCACCACGACAAGCATGGCTCAGAGCTTTCCAGTCAATGCCTTCATTGGCTTCGGCCTTACGAGCACGTTCCCGTATTTCAGCATC									

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		Section 582									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(55777)	55777	55792	55803	55814	55825	55836	55847	55858	55872	
	(55777)	TAATTTGTTTCAGTGACTGCTTAAGCTCAATAAGAGAAAGCGTTGTCTGATATTTACGACCCAACACTGTGTAAAACGTTTGTGGGCCTGTTTTCTC									

		Section 583									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(55873)	55873	55880	55891	55902	55913	55924	55935	55946	55957	55968
	(55873)	ATGATTATGGAACACCCATTACAGAAATTCGTTTTCTGGAAGACGATGCTTAATATCTTCAACTTTAGTACGACGCTGCTTAATGGAACCATCTTC									

		Section 584									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(55969)	55969	55979	55990	56001	56012	56023	56034	56045	56064	
	(55969)	TTGGTAATCAACCCATTGCTCAGGGATTTGATTAACTACTTTCAATACATCGCGTAATGCAGCCAAACGAGAACCCTTGACGCCGTATTTAGAAGC									

		Section 585									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(56065)	56065	56078	56089	56100	56111	56122	56133	56144	56160	
	(56065)	TTGCTTGCGGACATATCCTAAATATGATTTTCATGTTAGTCGTATAAAAACGAGAACGGTTGTCTTGAATAAACTTCCAMACATCAGGCAAATCGGA									

		Section 586									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(56161)	56161	56166	56177	56188	56199	56210	56221	56232	56243	56256
	(56161)	TTTAACCACTAGTTCAGGTGGAGTGTGAAGCATATCCAATGCTACAGGTTCCACCATCTGCTGCTAATTTAAAGAAATACTTAAGACTATACAATTC									

		Section 587									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(56257)	56257	56265	56276	56287	56298	56309	56320	56331	56352	
	(56257)	GTGGTCAATATTATCTTTAGTGTTTTAGATGATGTGTTGTTGGTATTTTTACTCATGTGCTCTTTGACGTTTCCAATAAGAATATCGCGAGCAGG									

		Section 588									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(56353)	56353	56364	56375	56386	56397	56408	56419	56430	56448	
	(56353)	AGGAACAAAGATTTCTTTAAATCTACATCAGATTCTGGAGTAGAAGTTCCATAAAGATGACTACCAAATAAGACTTAACTACAGTTTTTCATTAT									

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		Section 589									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(56449)	56449	56463	56474	56485	56496	56507	56518	56529	56544	
	(56449) (1)	TAGACCTTTCATAATCTTCATTAAATTGTACAATCAATCGATGATAATTAGATTTTGGATATCCTAATTTACTTATATAAGTTCCGAATGACCCAC									
		Section 590									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(56545)	56545	56551	56562	56573	56584	56595	56606	56617	56628	56640
	(56545) (1)	GTTTAGGCTCTATTTAATTTAATCCATAACTTATAAAGTAAGTCATAGTCTTGCCAATGTTTACCAGTTCTTTGTCTAATTTTAGATGAATTTGATT									
		Section 591									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(56641)	56641	56650	56661	56672	56683	56694	56705	56716	56736	
	(56641) (1)	GTTTCTTTTTTAGCTTCAAAATTATTCAAAGATTTTTTGACTGCAGCAGAGTGTTTTCTTTAACTCCC GGTCGTTTAAAAGCAGCTTTCACCCCTT									
		Section 592									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(56737)	56737	56749	56760	56771	56782	56793	56804	56815	56832	
	(56737) (1)	TAGATATTTTTTCTTTAACTTCCGGTTTGTTTTGTGCTTCTAACTGGGATTCTGAAATTTTAGCCCTTATTTTCAGGAAGACTTAATGTTATCGAAC									
		Section 593									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(56833)	56833	56848	56859	56870	56881	56892	56903	56914	56928	
	(56833) (1)	GTTTTTCTCTGTATTCATTAGACTTCCACATTTCTTTCATTGTATTAGAATGTATTTTGAAAATTTTCTCTAACTAACTGATATCCTCTTGAAG									
		Section 594									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(56929)	56929	56936	56947	56958	56969	56980	56991	57002	57013	57024
	(56929) (1)	TTAATTTGAGATTTCTTCCTAAAGAATCTTCTCCAAAATTATAAAATGACCACCATGCATAAATTAATCCAGGCGAATTGTAATGAATTTTAGCTA									
		Section 595									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(57025)	57025	57035	57046	57057	57068	57079	57090	57101	57120	
	(57025) (1)	AAAGCCAATGGGCTATAAAATGCTCTCTAGCTGTTAATAAACTAGATTATCAGAATCATCATTACCACCAATACAAGATGGAATAATATGATGCT									

SARS-CoV-2 & T4.apr

		Section 596									
	(57121)	57121	57134	57145	57156	57167	57178	57189	57200	57216	
T4 NC 000866.4	(57121)	TTTCCGTATAAAAAATTTAATTTAGATTTATCTAATTTTCTGAGTTTTCCTTTCTTAATTAAATTATTATATACTTTAGTATAATTCATTGGTTCTT									
SARS-CoV-2 NC_045512.2	(1)	-----									
		Section 597									
	(57217)	57217	57222	57233	57244	57255	57266	57277	57288	57299	57312
T4 NC 000866.4	(57217)	CGTCTCATTTAATTTTGCTTGCATTTATAACACATGTCTGTTCCACTTGAAATAAACATATTTCTCACTTTGAAATCATAGTTGGAATAACAGA									
SARS-CoV-2 NC_045512.2	(1)	-----									
		Section 598									
	(57313)	57313	57321	57332	57343	57354	57365	57376	57387	57408	
T4 NC 000866.4	(57313)	ATCAAGATAAGTCTTTAGTGCAATAGCTTCCTCTTTCTTTAATGTAATGATATGTGATCGAAAATCATCAATTTGACGAATAGATACTACATCTCC									
SARS-CoV-2 NC_045512.2	(1)	-----									
		Section 599									
	(57409)	57409	57420	57431	57442	57453	57464	57475	57486	57504	
T4 NC 000866.4	(57409)	CTCTTCATAGCATTTTGAAACATTTAAAATAGTTTCATCATTCTGATTACAGGAGTTAGTAATAATAGCATTACATTTTTTAAACCATTTTAAATT									
SARS-CoV-2 NC_045512.2	(1)	-----									
		Section 600									
	(57505)	57505	57519	57530	57541	57552	57563	57574	57585	57600	
T4 NC 000866.4	(57505)	ATGTTTTCTTTTAGTAGAATCATAAAAAATATTTAATGTTAGTTATAAAAATTATCCCAATTATTAATTGATAAGCACATTGACTCGCTTTTAAATATT									
SARS-CoV-2 NC_045512.2	(1)	-----									
		Section 601									
	(57601)	57601	57607	57618	57629	57640	57651	57662	57673	57684	57696
T4 NC 000866.4	(57601)	AAATCCTGGGCATGAAGAATAAAAAATGAATTTTATGCTCATCATTAATGCTTACAATTTTATCAGTGTAAGCATATTCAATTTGGGTAAACGAAC									
SARS-CoV-2 NC_045512.2	(1)	-----									
		Section 602									
	(57697)	57697	57706	57717	57728	57739	57750	57761	57772	57792	
T4 NC 000866.4	(57697)	AATTTTCGCTAGGCGTAAAAATATAACATGTCATCTTCTTGCGTCAAACGATACATGTTATTTACTTTTTCTATAGCCAATTCACCAAAAAGTGGACT									
SARS-CoV-2 NC_045512.2	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 603									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(57793)	57793	57805	57816	57827	57838	57849	57860	57871	57888	
	(57793)	AACTTCTAATACTAGTCGTTTCGCCTCGCTCATCATTACATACTCCTCTGAATCATATTAATAATGTTATTCACCAGATTATAAGTAAACATTGGG									
	(1)	-----									
		Section 604									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(57889)	57889	57904	57915	57926	57937	57948	57959	57970	57984	
	(57889)	TAATTATATTGAATCATCACATATATAACAAACAAAACCTTTCATTCTCTTCTCCTTGGCAGTTGACAAGATTACTATACCATAATCTTGTCAACTT									
	(1)	-----									
		Section 605									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(57985)	57985	57992	58003	58014	58025	58036	58047	58058	58069	58080
	(57985)	GTAAACCATTAAATGACGTTTTTCGATAAAATTTTGAAGCTTTGTATGAGCATCAACCATGATTTTCATTTCTTCCTTGGAAGCTGTGCCTCTTT									
	(1)	-----									
		Section 606									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(58081)	58081	58091	58102	58113	58124	58135	58146	58157	58176	
	(58081)	CCCAGAGAAGAACATTCATAGTCAGAACTGCATTAGCATATTCTTCAATTAGCTTCATTAAAAACATCTGTTTTTCAGTTTTTCATTATTCCACCTA									
	(1)	-----									
		Section 607									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(58177)	58177	58190	58201	58212	58223	58234	58245	58256	58272	
	(58177)	ATCATTTCAAGATATTGAACTAACTTAGCTTTGGATTTATCCAAATCCCTTTTAGCTGCTTCTATACCGTCGTATGAATATCCTTCACAATGCTCA									
	(1)	-----									
		Section 608									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(58273)	58273	58278	58289	58300	58311	58322	58333	58344	58355	58368
	(58273)	ACTGCTAATTGATATGAATCTATTTCAATATCATGCGCTAATTTAATGATTTTTTCAAACCTGTTGCGTGTTAGCATACTTAACTCTCGTATTAT									
	(1)	-----									
		Section 609									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(58369)	58369	58377	58388	58399	58410	58421	58432	58443	58464	
	(58369)	GATCGATAATTTTCATCAAGAAACATATCTAACGCTTCTACAGCATTATTAACCTTTAGCTTCAAATCTTCAATACCTGATAAGGCAAAGTTAATGC									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 610									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(58465)	58465	58476	58487	58498	58509	58520	58531	58542	58560	
	(58465)	GTTCTCATCTGCTTTACGAATTAAAGCTACCAATTCCTTAATTTTATCCGCTTGTTTCGATACTAATCATTATTCCACCACATATGAAAGAGAGAA									
	(1)	-----									
		Section 611									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(58561)	58561	58575	58586	58597	58608	58619	58630	58641	58656	
	(58561)	TATTGCACACGCCATGTGAGTTGCAACTTCATCACACATATTATAACGTTTCTTAAGAAGTTCTACAAGTTCTTCACTAGTAACCTTCATCCATGTC									
	(1)	-----									
		Section 612									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(58657)	58657	58663	58674	58685	58696	58707	58718	58729	58740	58752
	(58657)	GACGAAAAAATCACCATTAATGATGACGTAGATATTTCTTCTTGATTGAGTGCTTCAATTTTCATGATGTTCTCTCTTTATCCGATGGTTGTAT									
	(1)	-----									
		Section 613									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(58753)	58753	58762	58773	58784	58795	58806	58817	58828	58848	
	(58753)	AGTACCACAGCTCAAACGGAAAGTAAACCGGTAAATGAAAAAAGTCTCCCGAAGGAGACTAATGTTATTTCGAGGGAAAGAAGATACTTACTCTG									
	(1)	-----									
		Section 614									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(58849)	58849	58861	58872	58883	58894	58905	58916	58927	58944	
	(58849)	GTAAAACATTCCAGTAATATCATCTATCGTGCTTTGGATGGCTGGAGGCATTTCTTTATAAATGCTGTTAGATTGGTCTAGTATGCGATCAATCAT									
	(1)	-----									
		Section 615									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(58945)	58945	58960	58971	58982	58993	59004	59015	59026	59040	
	(58945)	TTTAATTGTGTCGGTAGGAAGTTTACTGGCATCTGGAATTGAAGGCGTGATTTTCGACCAGAATACCCCAAATATTGCTCACCAAATTTATCAAT									
	(1)	-----									
		Section 616									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(59041)	59041	59048	59059	59070	59081	59092	59103	59114	59125	59136
	(59041)	CAAATCTGGCAACTCGGAAAAAATAAAATCGTATGCTTTGTGTCTAGCATAACTTTTAGTTTCAAAATGTGCAGAATGAAAATAAGCTTGTGCAGC									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 617							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(59137)	59137	59147	59158	59169	59180	59191	59202	59213
	(59137)	CATTAAATAAACCTAAGTATTCATCTGCCTTTGAAGGTTTTCCACTTTGTGAAAAGTCGCTGAATTTTCATTCAGTCTCCAATTTAATGTTTCATAATT							
		Section 618							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(59233)	59233	59246	59257	59268	59279	59290	59301	59312
	(59233)	CTAGCGTATGATTGTGCCATCTCCGCGCCTCGCTCTATACATTCAAAATCAGAAGAGCACGGGTCATTTTTATAGGTCGTTCTCATAAAACTATAG							
		Section 619							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(59329)	59329	59334	59345	59356	59367	59378	59389	59400
	(59329)	AATTGTTTCAGACGATTCTACGCTTTTATTTTCAAAAAGCATATAAACGTGCCTAATACCAGATTCCATAAATTTATCAAAATGAGGATCGACATTC							
		Section 620							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(59425)	59425	59433	59444	59455	59466	59477	59488	59499
	(59425)	GCTTCAATCGATGGAGATAAAACAAATGACAATCCTAGCATGGCAAAAAGTGCTGTTGCTTTTAAGGCCATAAAGGCCTCCTATCATTTTTGTCCT							
		Section 621							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(59521)	59521	59532	59543	59554	59565	59576	59587	59598
	(59521)	GTATTTACTTTGTGCCGATGCACGGCCTTAACCTTTATCAAGGTATTTTTCAAAATTTTCGCAATCTAGTATAGTCTGCCGGAGATTGGTTGAGTGAT							
		Section 622							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(59617)	59617	59631	59642	59653	59664	59675	59686	59697
	(59617)	ACTTCTCGACGCAAAGCTGAAATGATATTTCCAACCTCCCTACGAATTTTCATCTAATTGAAGAACAGTAAGATTGCGAAGTTGCTTTTCAGTTAAT							
		Section 623							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(59713)	59713	59719	59730	59741	59752	59763	59774	59785
	(59713)	TGTAGCATATATACCCCTTTAGTTAGATAAACCTATTTATAACTTTTGCCTAACCGAGCTTTTATAGTTAATTCATTCCAATGTTTTCTACACAAA							

SARS-CoV-2 & T4.apr

		Section 624							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(59809)	59809	59818	59829	59840	59851	59862	59873	59884
	(59809)	GAAACATAAAATTTTCATCACCAATACAAATTTGATTACCTTCTTTAACTGGTGTTCATCTTCCATTAATCGAGCTGTCATAATCGCTTTTTTACCA							

		Section 625							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(59905)	59905	59917	59928	59939	59950	59961	59972	59983
	(59905)	CAATGACAAACTGCTTTTAGTTCAATAAGTTTATCTGCAATCGCTAAAAGTTCTTTAGAACCTTCAAATAATTTTCAGCGAAATCAGTCCTTAGC							

		Section 626							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(60001)	60001	60016	60027	60038	60049	60060	60071	60082
	(60001)	CCATAAGCCATAACAGGAACATTATATGTATCAACAATTCGGCTCAATTGATGCACCTGTTTCAGTTTTTTAAAACTGAGCTTCATCTACAAATACG							

		Section 627							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(60097)	60097	60104	60115	60126	60137	60148	60159	60170
	(60097)	CAATGAATATCTTTTTGTGCTTCAGCCCATTTATAGAACTCGAAAATATCCATATCATCTGTAATAATATTTCGCTTCCTGCTTAATTCCAATGCGA							

		Section 628							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(60193)	60193	60203	60214	60225	60236	60247	60258	60269
	(60193)	GAAACGACTTCACAGACAGAATCGCGAGTATCAATAGCAGGCTTAAGAACTAATACTACTCATTCCACGTTCTTTATAATTATGTGCAGCAATCAAA							

		Section 629							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(60289)	60289	60302	60313	60324	60335	60346	60357	60368
	(60289)	AGAGAAGCAGATTTTCCAGCATTCATTGCTGCATAAGTAAAAATTAACTCGCCATCTTAGTCCTTAGTTAAATTTCTAAATATGTTTCTAAATC							

		Section 630							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(60385)	60385	60390	60401	60412	60423	60434	60445	60456
	(60385)	ATTTTCAGCTTTATCGATAGATTTTACTAATTCGTAATATGTTTCGGCATCTCCATATTCAGAAGATATTTCAAAGACAAATCCTTTTCTAAACT							

SARS-CoV-2 & T4.apr

										Section 631	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(60481)	60481	60489	60500	60511	60522	60533	60544	60555	60576	
	(60481)	AATAATTTACCAACTAAAAATAATATTTTCGTTCTTTTGTTTCGCGAGTAATCATAAGGAATTTATATAATCAATGAGTTCTTGTTCTTTATTATCG									
	(1)	-----									
										Section 632	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(60577)	60577	60588	60599	60610	60621	60632	60643	60654	60672	
	(60577)	AATTCTTTAGAAAAGTTCTTCGTACTCGTTTGCGCTAAAAGGACCGCATTCATTACAACTTTTTCCAATTCACATTTTTATCCATAACTTCGTGG									
	(1)	-----									
										Section 633	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(60673)	60673	60687	60698	60709	60720	60731	60742	60753	60768	
	(60673)	ATAAGAGAAAAAGAGTGTGTCTTTTTGTTCTTTGCTTAAACTCATAACCATGTCACCTTTAAGCAGTATTCTTCTACATGCTGTTTACGACCTTTCT									
	(1)	-----									
										Section 634	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(60769)	60769	60775	60786	60797	60808	60819	60830	60841	60852	60864
	(60769)	TATCAATAAAGGTATATTCAACGAATGTTCCAATGTAGTCTTTATCTACATCATGTGGACTATTAATTGGACATTTAGTGCGACAAATGCGTTTCCC									
	(1)	-----									
										Section 635	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(60865)	60865	60874	60885	60896	60907	60918	60929	60940	60960	
	(60865)	ATTGACGAATAATTACTGCCTTATTCTTTGGGTCATATGGATGTGGATAATGTATATTCATAATAATGGTTCCCAATCAACAATCACAATTTCTAA									
	(1)	-----									
										Section 636	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(60961)	60961	60973	60984	60995	61006	61017	61028	61039	61056	
	(60961)	TTTAGAGGAATATGTATCTAAAATCCCCTCAATAATATCCCAGTTCCTTTACCTATGCCTGCACCAATCCTAGGCATATAGATTGTAGGTTTAAT									
	(1)	-----									
										Section 637	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(61057)	61057	61072	61083	61094	61105	61116	61127	61138	61152	
	(61057)	CAGTTTATTTTCACCAAACATTTAATTCTAACATACAATTCATTAAAGCGGAATACTCAAAATTTGGCCCTGGTTGAAATTGAGTATAAAGATT									
	(1)	-----									

SARS-CoV-2 & T4.apr

Section 638											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(61153)	61153	61160	61171	61182	61193	61204	61215	61226	61237	61248
	(61153)	GAAGCAGTAAGCTTTATGAGTCCTAAAGTATTTTTTCATAGACTGAGTAAGAACCGAGTTTAGTTACATCACCCATTTCAGTCTGTAATTTATCAGC									
	(1)	-----									
Section 639											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(61249)	61249	61259	61270	61281	61292	61303	61314	61325	61344	
	(61249)	TTCCAAAATTTTAGGGAAAGCTTTGGTTAATTGACCCGCTACGCCTGAACCCATAGTATGAAAACAATTACATCCATGTGCAATATTTTTACCTTC									
	(1)	-----									
Section 640											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(61345)	61345	61358	61369	61380	61391	61402	61413	61424	61440	
	(61345)	AGCGAAAAGGGCGACAATATCGCCCTTGATATATTTTACAATCATCTAGTACTCAATCCTCGATTATAAGAATCTACCAAACGGTCAACCATTGAA									
	(1)	-----									
Section 641											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(61441)	61441	61446	61457	61468	61479	61490	61501	61512	61523	61536
	(61441)	TGACAAGCGGCTTTATCTTTCTCCTCCGCAACTGAACATTCTAAGGTATTCCACTTTTTAGCATATCGTTTTAACAATGTATCGTTTTTGTATCTG									
	(1)	-----									
Section 642											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(61537)	61537	61545	61556	61567	61578	61589	61600	61611	61632	
	(61537)	CTTGATTTATCTCTTTCTCCGTCTTTATATGCATATATTAATTTCTGTGCAAATTCAGCTTGGCATGCCTTATTTTTCCCACAATAATCTGCCGCA									
	(1)	-----									
Section 643											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(61633)	61633	61644	61655	61666	61677	61688	61699	61710	61728	
	(61633)	GTGCGGTTTACATATTCTCTAATTTTCAGTATATGATGTATCTGCTGACGCAGAAGCAGAAAATGAAATTAATCCTATACATAAAACCAAATTTTA									
	(1)	-----									
Section 644											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(61729)	61729	61743	61754	61765	61776	61787	61798	61809	61824	
	(61729)	GTCATTTACTATTTCCAAAAGTTTATTATTTTTAAGGTAATTAGCCTTTTCTAGGACTTCAGAAGCATATTTAGAACCTGCTTTAACATTCCATCC									
	(1)	-----									

SARS-CoV-2 & T4.apr

Section 645											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(61825)	61825	61831	61842	61853	61864	61875	61886	61897	61908	61920
	(61825)	CGAATTATAAGAGGATATTGCTTTTCTTATATCGCCCTTATGTATATTTAACCAATAAGAAAGTTCAATGTACGCCCAGGAAGCTGAATTGGATCG									
	(1)	-----									
Section 646											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(61921)	61921	61930	61941	61952	61963	61974	61985	61996	62016	
	(61921)	TTTATTCAACATTCTTTTATTTTTCAGCATCGGTCATATTATAACCAAGTTCCTTAACTCTTGCTCGCATAGTAGGCAAATAATTTTGAACATTCC									
	(1)	-----									
Section 647											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(62017)	62017	62029	62040	62051	62062	62073	62084	62095	62112	
	(62017)	GTAGGCGTGATGCTTTGGTTTAGATTTTAAATTAACCTCCGCCAGAGCTTTCTTGCCATAAAATGGCAGCCATTATATGACCTAATCCGCTCTTGTG									
	(1)	-----									
Section 648											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(62113)	62113	62128	62139	62150	62161	62172	62183	62194	62208	
	(62113)	GATATTTTTGTGTGTTTTATTTTCCATCCTTAGAAAATTGTTCCCCGAATTGATACGCGTAACGCATGTTATCGAGTTGGACATTACTGAAAGT									
	(1)	-----									
Section 649											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(62209)	62209	62216	62227	62238	62249	62260	62271	62282	62293	62304
	(62209)	ATGCTCGGAGCTATGTGCCATCATTGAAATGGCCAATAGACCAGCGAGTAGTGCTTTTCTCATGCTTACCTCATTGAGTTTTAATTACTGCTTTAG									
	(1)	-----									
Section 650											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(62305)	62305	62315	62326	62337	62348	62359	62370	62381	62400	
	(62305)	AAGCCTTTTCCTGGTAAACGACGACTGTTGATAATTGCCATCCTACATTGAAGTGACGGGTCTTTGAACTTCTCGTTAGGTTTACAACTGTAAATC									
	(1)	-----									
Section 651											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(62401)	62401	62414	62425	62436	62447	62458	62469	62480	62496	
	(62401)	CAAGCCAAAGATTTCCATCTGTGATTTCTAAACGTCCAGGACGATATTCAACCCCATCAATAAAATCCTCGTCAATGTCAGGACGCGGAGGCATAC									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 652									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(62497)	62497	62502	62513	62524	62535	62546	62557	62568	62579	62592
	(62497)	TCAGGAATTCATTAACTTCTAAAAACATGGTCTTTTATTTTATGGAATAATTCAAAAACGTATGTCTCATCAATCTCCCGTTGAATTGCGCGATCAA									
	(1)	-----									
		Section 653									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(62593)	62593	62601	62612	62623	62634	62645	62656	62667		62688
	(62593)	GAAGATGTTGAGAATATTTTAGATGAAACGATGAGACTCCTGCTGCTTTTGATGCCTCACGAATCTCATTGTTAATTTGACGAAACTCCGACTCAA									
	(1)	-----									
		Section 654									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(62689)	62689	62700	62711	62722	62733	62744	62755	62766		62784
	(62689)	AGTGACGACGAAGCTTATTTTCGACGGATAAAAACTTCTGTATTGATAGTCATGTTATTCTCTCTTAACTGATAGAAAAATTATACCACAGTCAAG									
	(1)	-----									
		Section 655									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(62785)	62785	62799	62810	62821	62832	62843	62854	62865		62880
	(62785)	AGGAAAAGTAAACAGTTATTCTTTAAATCTAATCAATTTATTCATAGACTTTGAAACTTCGGCACGAACCTCATGTAGATTTTTGAGCTGTTCAAG									
	(1)	-----									
		Section 656									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(62881)	62881	62887	62898	62909	62920	62931	62942	62953	62964	62976
	(62881)	ACGCTGCGTATAGTAAGCAATTCATCTTCTTCGAGACAGTCCTGCGAATCTTCTTTAAGATAACGTGCATAGTCCTGGAAAGCGTTACGGACTAC									
	(1)	-----									
		Section 657									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(62977)	62977	62986	62997	63008	63019	63030	63041	63052		63072
	(62977)	TTCTTGGAAGTCATCAAGACTTTGAATTTTCTTAGGAGCAACAGATACACGACGAGGGGCAGTATAATACTCATAACCAAACCTGCGCTTAATTG									
	(1)	-----									
		Section 658									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(63073)	63073	63085	63096	63107	63118	63129	63140	63151		63168
	(63073)	AGCCATTAGTATTTTTCTCTGGTTGGAACACTGCACGACAAGCCCACATACTGGCTTCTTTGAGTTTCGTTTTAGCAATAGTTAACTGATCGAGA									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 659									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(63169)	63169	63184	63195	63206	63217	63228	63239	63250	63264	
	(63169) (1)	CTTTCAGCATAATTCTTCGCGAATTCACAGTCTTCGCAATTATCTAGTGCTTCCCAGAATTCATCATATAAAGCATCAAAGATAAGTCCTAAACGA									
		Section 660									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(63265)	63265	63272	63283	63294	63305	63316	63327	63338	63349	63360
	(63265) (1)	ACTTCAGCGTCTTTAATAGCATTTACTTTACCGATTTTCTCTTCAGTATGTGGTTTATAACCCTTAATATCTTCAATCATATTTGACTTCCTCACC									
		Section 661									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(63361)	63361	63371	63382	63393	63404	63415	63426	63437	63456	
	(63361) (1)	AGTACATAATACGTATTCAACTAAACGAATAGGTTTCATGAATGCCATAGCCTTGAACAGAAATTTCTGTCGTAGGATAAATTCCATCAATATCACC									
		Section 662									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(63457)	63457	63470	63481	63492	63503	63514	63525	63536	63552	
	(63457) (1)	CATATTCCACGCTTCATTAAATTGCTGTTGCGCTGAGTTACTAAACCACTCGCGAAAGCATTTAGCACATCTTCAGAACCTTCAATAATTATCTTT									
		Section 663									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(63553)	63553	63558	63569	63580	63591	63602	63613	63624	63635	63648
	(63553) (1)	GCCATTACAAACTTTTCAGTAAAGGTACGAGCGATAACGTCGCGCTGCTGTTCCGGAGTCAGAGAGTTAAAGCGAACTGCATAACCGGATACACGGA									
		Section 664									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(63649)	63649	63657	63668	63679	63690	63701	63712	63723	63744	
	(63649) (1)	TGGTCAGCTGCGGATATTTTCCGGATGCTTAAGTGCATCTTCCAGAGTTTCATGACGCAGAACGTTAACGTTTCAGGTGTTGACCACCTTCAATTT									
		Section 665									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(63745)	63745	63756	63767	63778	63789	63800	63811	63822	63840	
	(63745) (1)	TAACTGTAGGTTGTGGCTCAATTTCAATTTACGGGCATGCAAACCATAGAAAATTTCTGGGTCTACAAAAGAGTCCTCTTTAAAGGTTTTAGAGA									

SARS-CoV-2 & T4.apr

		Section 666							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(63841)	63841	63855	63866	63877	63888	63899	63910	63921
	(63841)	CAATAATTCGTGCTTGAATACCATCTTCAAAATAAATAGTACCTTTATGTGTGCCTTCAAGAATTTGATATGCTTTCATATAAACCTCAATTAGAA							
	(1)	-----							
		Section 667							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(63937)	63937	63943	63954	63965	63976	63987	63998	64009
	(63937)	AATAAATTTATCCAAGATTGTTCTTTAATTAAAAATGGCTCAGAATCATATGCCATTAACTTTGCGTAATTAATCCTTTAAAGGTCCATCAATA							
	(1)	-----							
		Section 668							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(64033)	64033	64042	64053	64064	64075	64086	64097	64108
	(64033)	AATTCATGGTAAAAATATGGAATTTTATTCATTAGCCGTGCATTAGGAGCAGTGCACAAAACCTCTGCATCCTTTGAATACGCCTTTTTGTAATTTG							
	(1)	-----							
		Section 669							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(64129)	64129	64141	64152	64163	64174	64185	64196	64207
	(64129)	TATTGCTTGGGATAAAATTCGCTCAAAATGTTATTTTTTGCCAAAATTTCAAAATGATTACCAATTTATTTTTAATAGTTTTTGGCGAAAAATAA							
	(1)	-----							
		Section 670							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(64225)	64225	64240	64251	64262	64273	64284	64295	64306
	(64225)	AGATATTCGAAAAGCTGAGTGTCTGTCATCATTGCATTCCGATTACGAAAACTGTGGACGAGTAATACCACCAATGCAACATTTACTATTACAGC							
	(1)	-----							
		Section 671							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(64321)	64321	64328	64339	64350	64361	64372	64383	64394
	(64321)	AGTAGTGTACGGTGTCAATATGGACACTATAAATCTTATCCATATCAGGAGATTTGACAGGCTCATCAATTATATACAAAATTCGCGAAAGCTTTA							
	(1)	-----							
		Section 672							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(64417)	64417	64427	64438	64449	64460	64471	64482	64493
	(64417)	AACCTCTGAACCTTGCTTCCTTTATTACCAATAAACTGCGTACAGAATCAGTAAATAAACGAAAACGTATATCATCATTAGAATAACGCGAAAATT							
	(1)	-----							
		64512							

SARS-CoV-2 & T4.apr

		Section 673									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(64513)	64513	64526	64537	64548	64559	64570	64581	64592	64608	
	(64513) (1)	CCTTTTTGATGTTATTTGCAGAAATTTTAGCATAAGCTGAAGTATTAGAAAGAACAATAACTGTTCCGCCATCATACAACCAATTAGCAGCAAAGT -----									
		Section 674									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(64609)	64609	64614	64625	64636	64647	64658	64669	64680	64691	64704
	(64609) (1)	TAGTCACAGCAATTGATTTACCGGATTGACGTCCACCATCTAGTCGAAGTGTTACAATACTGTTTAAGTAAGTCTTCAAATGGCGGGATATATTCGT -----									
		Section 675									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(64705)	64705	64713	64724	64735	64746	64757	64768	64779	64800	
	(64705) (1)	TTTTACAAATTTCTTCTACTCTAGCATCAGAATGGTGTGTAAAAGCATTTCATCAGGGATAGATAAGGACCAGTTAAAAATGTTCTCATTTCCTTCTC -----									
		Section 676									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(64801)	64801	64812	64823	64834	64845	64856	64867	64878	64896	
	(64801) (1)	TATAAGCTCTATAAGTTTGGGCCATTCCGTGGCACATGAATTGTCCATTTCTGTATTTACCCATTACCGCGCTTGGGCTCGACCTTATTACAGGTT -----									
		Section 677									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(64897)	64897	64911	64922	64933	64944	64955	64966	64977	64992	
	(64897) (1)	GGCGGGAATCCCTCATATAATCATGAGGTCCAGGTTGTTCCCTTATGCATAAATCGCCTTACCGTAGTATTTGTACCAAGTAGGACGTTGTGCAAT -----									
		Section 678									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(64993)	64993	64999	65010	65021	65032	65043	65054	65065	65076	65088
	(64993) (1)	TTTTTCATCTAAACGAGCTTGTGATATAGCAATAGAAGCTTCATGGGGAATATAATCACCACGGAATTCTGAGGAATATCACTAATATCCTGGAC -----									
		Section 679									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(65089)	65089	65098	65109	65120	65131	65142	65153	65164	65184	
	(65089) (1)	TGTAGTATCCTTGATATTAACCACGTTTTAAACATTCAGCTATAAGCTCAATTTGACGTTTACGTAAGAACTCGAGCTTATCGTAAAGAATGT -----									

SARS-CoV-2 & T4.apr

		Section 680									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(65185)	65185	65197	65208	65219	65230	65241	65252	65263	65280	
	(65185) (1)	AACATGACCTGCGCCAAGGATAAAAGTAGGACTGATTTTAAAATCACGAACACGTTTACCGTTAGCAACATGCTTACGAACTGCACCAAAAACACG -----									
		Section 681									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(65281)	65281	65296	65307	65318	65329	65340	65351	65362	65376	
	(65281) (1)	CGGCAATTCACGATATTCAGCCATTAAGTGTGGTCAGCCAATTCAGATACTAAAGTAAGGTTGATACGAGTCATTTTAGTGTTCCTGTTAGTTG -----									
		Section 682									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(65377)	65377	65384	65395	65406	65417	65428	65439	65450	65461	65472
	(65377) (1)	ATAGGTCTATAGTATCATACCTACAGGAGATGTAAACTGTTATTTATCTTTAATTGCTTTAGCTGCTTCGATAGCCGCTTGCTGAAGGTCATCCAT -----									
		Section 683									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(65473)	65473	65483	65494	65505	65516	65527	65538	65549	65568	
	(65473) (1)	AGACATGCCGAACCTTAGAAGCAAAGTTATCAATTTTCTTTTCGACGGCATTCAAAGGCTTGGCCTGTTTACCTTCATTAGCGCCAGGAAGAGCGAG -----									
		Section 684									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(65569)	65569	65582	65593	65604	65615	65626	65637	65648	65664	
	(65569) (1)	AATACGCTCTCTGTCAATATAAAGGCTTACAAGTTTCTTACGGTCTTTATCGGGCAAATCATGAAATGAATGGGCCTTTTTATTTACAGCGGCTTC -----									
		Section 685									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(65665)	65665	65670	65681	65692	65703	65714	65725	65736	65747	65760
	(65665) (1)	TAATTTACCTGCGCCCACTCGCGCTTCGGCAATAAATTCTTGATATGTTTTCATATGTTTCCTTTAAATGTAAATATTTTTATTATTCTATCCTAG -----									
		Section 686									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(65761)	65761	65769	65780	65791	65802	65813	65824	65835	65856	
	(65761) (1)	AATTGTGATAATATATTCACAATTCTAGGAGTTGTAAACTGCTTTTATTTAAGCGTCCCAAGTATAAGCTTTATTAAGAATTACCACGGGCTGCAT -----									

SARS-CoV-2 & T4.apr

		Section 687							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(65857)	65857	65868	65879	65890	65901	65912	65923	65934
	(65857) (1)	TAGCAACGGCGTAAGCGTACTGAATATTAGCGTCTTTAAACTTACCTTTAGAGGTATCTATTTCTGCCTTAAAGCCGCCTTTAGTCATAACATCGG							
		Section 688							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(65953)	65953	65967	65978	65989	66000	66011	66022	66033
	(65953) (1)	CAAATTCTTTACGGAAAGCCATTGCATCAAGACCTTTCCATGATGATTTATGCTTGGCAAATTCAAGACCTGCGAAGTTGACAGCTTTAGCCAATT							
		Section 689							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(66049)	66049	66055	66066	66077	66088	66099	66110	66121
	(66049) (1)	TATTATCAATGACCCATTTACCGGCTTTAGGCACAACTTCGGGCCCTTTCTGTTTAGAGAACAGTTTTAAATTCCAGCGGCGAAGGTCTGCATCAG							
		Section 690							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(66145)	66145	66154	66165	66176	66187	66198	66209	66220
	(66145) (1)	CTTTAACAAATTCTGAGTCTAAGTTACTAGCAACAACATCTTCAATATGAGCAAATTTAAGTCCGTCAACTTCAATATTTAAATCGGTACGCCAGC							
		Section 691							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(66241)	66241	66253	66264	66275	66286	66297	66308	66319
	(66241) (1)	GAAGTCCTTCCCAAGCGAAGGCTTTAAAGTCGGAAGCCTTTGTAGCTAAGTACCGTTCAATAGGAGCTGTTTTAGGGTCAAAGCCGTTTCCTGATC							
		Section 692							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(66337)	66337	66352	66363	66374	66385	66396	66407	66418
	(66337) (1)	GGTAGGTCCACTCATCTTTGTTAATGCCTTTGGCCTTTACTACAGAAGCTTCGGCAATAAATTCTTGATATGTTTTCATATGTTTCCTTTAAATAT							
		Section 693							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(66433)	66433	66440	66451	66462	66473	66484	66495	66506
	(66433) (1)	TTTAATTAGTAATTGTCTATTCAAGTAATTGTGAATATACTATCACAATTCGAAGAGAAAGTAAACAGCTTTATAGATTTTTATACGCGTCCCAAG							

SARS-CoV-2 & T4.apr

		Section 694							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(66529)	66529	66539	66550	66561	66572	66583	66594	66605
	(66529)	TGCCAGTTCTAAACGTTGTAATGACTCGTTTTGCGCGATTAGGTGTTTGATTATACCATATACTTTTAGCTAAGTTAACTGCTGCTTCATCCCAGC							

		Section 695							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(66625)	66625	66638	66649	66660	66671	66682	66693	66704
	(66625)	GTTTTTGTTGAAGCATACGTAAAGAGTTAGTAAATCCTGCCACACCGGTTTCTCCCATTTGGAAAACCATATTAATCAATGCACAGCGACGAACCG							

		Section 696							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(66721)	66721	66726	66737	66748	66759	66770	66781	66792
	(66721)	CATCAAGAGAATCATAAACCGGTTTTAATTTAGCATTTTCTCAGAATTCCGCGAACAGCAGCATCAACATCCTGATTAAAGAGTTTTTCAGCCTCAT							

		Section 697							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(66817)	66817	66825	66836	66847	66858	66869	66880	66891
	(66817)	CTTTTGTAATTACACCATTGCAATTACGCCCAATAGCTTTATCTAATTCAGATTTAGCAGCATTAAGTGATGGACTTTTTGTAAGCAAATGACCGA							

		Section 698							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(66913)	66913	66924	66935	66946	66957	66968	66979	66990
	(66913)	TGCCAAATAGTGTAATAGCCTTCTGTGTCTTTATAGATTTTAAGTCTAAGACGTTTCATCTATACGTAACATTTCAAATATATTCATAATACCTCCTA							

		Section 699							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(67009)	67009	67023	67034	67045	67056	67067	67078	67089
	(67009)	AGTATTTATAGAAGGTATTTATAAAATTAAAAGAGGTTGTTTCATTATTTCGGTAAAGTGAAGGACCCATCACATATTGCCACTGAGTACGAGGAATA							

		Section 700							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(67105)	67105	67111	67122	67133	67144	67155	67166	67177
	(67105)	AGAGCAAAAGCGTCCATCTCTGGAATCATAACGCCATCTTTATTTTCAAATAAGACTCGCAACGGCAATTTCTGAACATCTCATGCTCTACTGGA							

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		Section 701							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(67201)	67201	67210	67221	67232	67243	67254	67265	67276
	(67201)	ATCGTGTAATAAAATAACTGTAGGTCTTTATTACTAGAAATATTTAAATACACCTAGGTCTTCTAGAAGGTCTGGATTATAATTGCTAAACCAGTC							
		Section 702							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(67297)	67297	67309	67320	67331	67342	67353	67364	67375
	(67297)	TCTTCTAAACATTCTCTTCGTGCTGCATCTAATGCGCTTAAATCAGAATTTTCTACACGGCCCTTTGGAATATCCCAACGATGTGCCATCATTCCA							
		Section 703							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(67393)	67393	67408	67419	67430	67441	67452	67463	67474
	(67393)	GTCTTACGAGAACCAGTAACCCGACCCATAAATAAATCTTTATCTTCTGTCATAAAGATAATACCAGCTGATAATGTTTTTCATTTTAATTTCTCTGC							
		Section 704							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(67489)	67489	67496	67507	67518	67529	67540	67551	67562
	(67489)	ATTCAGTGATAAAAGTTATTTAAATTTTGAGCATATTTCTTTTCATCAAAAATCTTTTGCTGTCTGCGTAACCGCCATGGCATTTCATGAACATAC							
		Section 705							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(67585)	67585	67595	67606	67617	67628	67639	67650	67661
	(67585)	GCCATATCCCTAGATAATACCGCTGCTGTAAAAATATTAACAAGTATAGTTAAAAGAATCCAATCGCCTATTCTGTCCATTGGATTTTTATAAAAA							
		Section 706							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(67681)	67681	67694	67705	67716	67727	67738	67749	67760
	(67681)	AGTAAATACGAATGATGATATAGGAAGACTAATGATATACCACAGAAGAACCTTCTTATCTGTGAACCAATCAGCATTTCGTTAACTTAGCGCGAC							
		Section 707							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(67777)	67777	67782	67793	67804	67815	67826	67837	67848
	(67777)	CATTTTGAATACACACGAATTTATCATCTGTTACAGTAAATGGCTTAGCTGCTTGATATCCCATTCTAAACTCCCTAATTAATCGTTTCTTTGTAT							

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		Section 708									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(67873)	67873	67881	67892	67903	67914	67925	67936	67947	67968	
	(67873) (1)	CTTCGGAACAACCATTCCAATCAACTCTATCAACTGGAATGCCATCATCCCCATCATCTAAATCATACCAGCGAGTTTTTAAATCATTTAATTTT -----									
		Section 709									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(67969)	67969	67980	67991	68002	68013	68024	68035	68046	68064	
	(67969) (1)	CCTGCAATCAATCACAACTCTTTCATTGATTCATTTTCAATATAAGACATGTAGCTATTATATTCTTTTAATTGTATTTTGTAATCCTTTTTTCT -----									
		Section 710									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(68065)	68065	68079	68090	68101	68112	68123	68134	68145	68160	
	(68065) (1)	TTGCCAATTTATTTTAAATATCATAATGAAATATAAAATGATACCAAAGAATGAAACAATGAAATAATTTTAGTATAACAAAGCTCGCTCCA -----									
		Section 711									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(68161)	68161	68167	68178	68189	68200	68211	68222	68233	68244	68256
	(68161) (1)	AACTTCTATTATATCTACTGTACCACTGATTTTTAAATAAAACAGTCAATTAATAGTCCAATAAGACTACCTGTAAGAGCTGCAGCCAACGCCAC -----									
		Section 712									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(68257)	68257	68266	68277	68288	68299	68310	68321	68332	68352	
	(68257) (1)	AGCAAAAATTAAAAATGACTCAGAAAACGAATATTTGACTTTATTTAGCTTTGGCTTTTGCATCGTGATTCCTTAACAAATTTTATAATTTTATTA -----									
		Section 713									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(68353)	68353	68365	68376	68387	68398	68409	68420	68431	68448	
	(68353) (1)	AATTCATACTCAGCAAGTTTAAGCTGGTGTTCCTTTTTAATCTTTTTGCACTGGGCTTTCCAATCACGTACGCGTTTACGATAATGTCTTCCTTGA -----									
		Section 714									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(68449)	68449	68464	68475	68486	68497	68508	68519	68530	68544	
	(68449) (1)	TACCAGTATCCTATCCAATTTACGGGTACTAATAAAAAATGGAACCTACCAATGGAAGAGTTAGCATTAACATAATTATTACGCCAGAATCAATATCA -----									

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Section 715											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(68545)	68545	68552	68563	68574	68585	68596	68607	68618	68629	68640
	(68545)	GTCATAACATCTAAAACACCTCCAATAATCAATAGAATTACAAATGATATAGCTATCACAGGACCTATTAATACATCAGTAGAAATTATCTGGCGC									
	(1)	-----									
Section 716											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(68641)	68641	68651	68662	68673	68684	68695	68706	68717	68736	
	(68641)	TTTAATTCATACTTCAAAGGTTTACTTGGAAGGTATAGTGATGGCTTTGACATATTCTCTACATTCCCTTAACAAATTTTTCTAGTAATAAATCACT									
	(1)	-----									
Section 717											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(68737)	68737	68750	68761	68772	68783	68794	68805	68816	68832	
	(68737)	TTCAAAATTAGGATTTTCCACTAATTTATCAAAAAGATCATCAACAATATTCAAGATATTTCTTTTACTAAGAATACGTTTATTTTCATGCTTCGT									
	(1)	-----									
Section 718											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(68833)	68833	68838	68849	68860	68871	68882	68893	68904	68915	68928
	(68833)	TTCAGAATCAACTATAAGAGTAAAGAAATATTTCTTTCCCTGAAATTTTACCGTAGTATCAATATAAAATAAATTTGACTTTTGTAATTACGTTT									
	(1)	-----									
Section 719											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(68929)	68929	68937	68948	68959	68970	68981	68992	69003	69024	
	(68929)	AAACCATGCGTCACTTAACTATAAACACCGAGATAATCAAAATCGTCGTTTAAATAACAAACTGACCATTGAGGAGAAATGAAATCAGTAAATTC									
	(1)	-----									
Section 720											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(69025)	69025	69036	69047	69058	69069	69080	69091	69102	69120	
	(69025)	AACATCAAAATCACATGTCAATGAATGAATTGATTCAATACTGTTAATAAGTATTCCAGGACGTATTAAAGACTTTTTACCTCTGGAAAATCTTCC									
	(1)	-----									
Section 721											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(69121)	69121	69135	69146	69157	69168	69179	69190	69201	69216	
	(69121)	AGAAAGACTTTTCATCAGTTTCATATGAAGAACCCCAATAATAATTACGTCCTTTTGCCATATGTTTAAGAGCATTTAGTAATTGGTCTGGAACATC									
	(1)	-----									

SARS-CoV-2 & T4.apr

Section 722											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(69217)	69217	69223	69234	69245	69256	69267	69278	69289	69300	69312
	(69217)	AACGTGTCTTTGGAAC TCTTCAAACATTGAATTGAAATCACTTTGCATTTTCATTCTATTTACTCCAAGTAATAGGGGCCGAAGCCCCCTATCAT									
	(1)	-----									
Section 723											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(69313)	69313	69322	69333	69344	69355	69366	69377	69388	69408	
	(69313)	TATTTTCAGAGAATTAATATATTCCTGAACATCGGCAGAGGTAGTTTCAACCCAGAAATATTACCATTAAAGGTTTCAACTCGAGCAAGAGTATCT									
	(1)	-----									
Section 724											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(69409)	69409	69421	69432	69443	69454	69465	69476	69487	69504	
	(69409)	TCAATATCAACCTTAGTCAGTGCTGCAATTTCAACTACATCATCAGCAGTACTAATTCCAAGGGCATTGCTGCACGAGTTTCACGGATATATTCC									
	(1)	-----									
Section 725											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(69505)	69505	69520	69531	69542	69553	69564	69575	69586	69600	
	(69505)	AATTTAACTGCAAGTTCTTGGCGAGCATCATCTAACTCAACTACTTTCTTGGCGATTTCAATTTCGATTTTCAGCATAACCATCAGCTTTAGTAGTC									
	(1)	-----									
Section 726											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(69601)	69601	69608	69619	69630	69641	69652	69663	69674	69685	69696
	(69601)	AGCTGTTTCAGCTGTTTCGACGATATAGCAAGCCGAGTTTAGCATGCATTGTTACATCTTGACCTTCGGAAAGAAGCTTGCGAATTTACGCTCTTTT									
	(1)	-----									
Section 727											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(69697)	69697	69707	69718	69729	69740	69751	69762	69773	69792	
	(69697)	GATTCGGCCTGTTTATTCTTTTCAACAATAAGTTCACGAATACGTTTTTCTTCATTAATAGATTTAACAGAAGCAGTTTTTAGGTCTTTAATTTTA									
	(1)	-----									
Section 728											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(69793)	69793	69806	69817	69828	69839	69850	69861	69872	69888	
	(69793)	TCAAGTAGTTTTGCTGCTGCAGCAGTATACTGTTCTTCAACAGATAGATTTTTAGCCATTGCAGAACCAAGTTTAGTGCGAATAAACTCAACAATT									
	(1)	-----									

SARS-CoV-2 & T4.apr

										Section 729	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(69889)	69889	69894	69905	69916	69927	69938	69949	69960	69971	69984
	(69889)	TTCTTCAGTGTGTTTCATAGTATTTCTTAGGTTGGTATAATTAGATAATATAATATCACGTTTCTAATAGATTGTAACTTATTCTTCGTCTAGCT									
	(1)	-----									
										Section 730	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(69985)	69985	69993	70004	70015	70026	70037	70048	70059	70080	
	(69985)	CGTCGATAAAGGCGTTGATGGCCTCGATAATGGCATCATTGATAGCCAATAAAATAAAATCATCGTCAGTACCTTTAGAAGATTCTAAAGCATTGA									
	(1)	-----									
										Section 731	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(70081)	70081	70092	70103	70114	70125	70136	70147	70158	70176	
	(70081)	TATATGCTTGTTGACGAGTTCCCAAGCCTTTTTAAAATAAGGAGCTTCATCATCAGGACAAATATCCCGCACGCCTTCAAAGATACGTTTGGCAT									
	(1)	-----									
										Section 732	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(70177)	70177	70191	70202	70213	70224	70235	70246	70257	70272	
	(70177)	AATCTAACACCCATTGTACAGGCATGTTTTGAGAACGTTTCGTTAAACTCTTTAAAGTCCTTAGATTCAAAAAGCTCTTCAGGATAATTATTTCTAT									
	(1)	-----									
										Section 733	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(70273)	70273	70279	70290	70301	70312	70323	70334	70345	70356	70368
	(70273)	TACAAAAAGCTTTACTAAAGTTACGTTTCATAATGTTTTCTCATTTGTATAGGCTCATAATATCTCAATCATSAGCCTATGTAACTTATTTTCAT									
	(1)	-----									
										Section 734	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(70369)	70369	70378	70389	70400	70411	70422	70433	70444	70464	
	(70369)	ATTATTGAAATATTCTTCTGCGATTTGTCGTTATCATGGTAACTTTAGAAGACAGTTTAACATAACTTTTCAGCAGTGAACATGTTAATCACAAC									
	(1)	-----									
										Section 735	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(70465)	70465	70477	70488	70499	70510	70521	70532	70543	70560	
	(70465)	CTTTACAGTATACCACTGACCGTCTTCATTACCCATTACTGCGTAAAGTTTCAAACATCGGATGGTCAGGACCGATAACTTTAATATCATTCACCGT									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 736									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(70561)	70561	70576	70587	70598	70609	70620	70631	70642	70656	
	(70561) (1)	ACGACCGAAATCTTCTGAAACACATTTTCATAAAGAAGTTGAAAAGTTCACCGTAATTATCCATTTTATTCTCCAAGTTATTTCTGTATCAGTAGT									
		Section 737									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(70657)	70657	70664	70675	70686	70697	70708	70719	70730	70741	70752
	(70657) (1)	TGATAGTTGTATAGTACCATGGAAGAACAAGGATGTAAACAGTTTTGTGAAAAAATTTTAAAAAGTTTTAGGGAATTCTAGGGCGGAGAGGGGCA									
		Section 738									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(70753)	70753	70763	70774	70785	70796	70807	70818	70829	70848	
	(70753) (1)	ATTAAAAAGATAGGATAATATATTATAAAGGGTATAAACTAAATGATGCCTAGAGAGGTCTGGAAAGGCTTAGATACCAAAAAGCCCCAACCTTTCTG									
		Section 739									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(70849)	70849	70862	70873	70884	70895	70906	70917	70928	70944	
	(70849) (1)	GTCGGGGCTAACCGTTGCGGCAACCTTGTCGGGGTTCCACCTGCCAAGGCAAGTGTTTGTACGAAACGCCGGGATTCTGAACCCGGTTATTAAGTAG									
		Section 740									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(70945)	70945	70950	70961	70972	70983	70994	71005	71016	71027	71040
	(70945) (1)	TTGACGCTACTCAATATTTTAAAAAGGCCATATCTCAACCATATCCGAACGTTCCGTCAAAAACGCTACTCGGCTTACGGCAAAGATATTTCTCTCG									
		Section 741									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(71041)	71041	71049	71060	71071	71082	71093	71104	71115	71136	
	(71041) (1)	AATCGATAATTTGGTGCGCCGTTTCTGCTGTGATGTAAGAGGGCATCAATAAACGCAAAGATTATTAACGCAATTCCTTACTCAGGGAACCATCAG									
		Section 742									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(71137)	71137	71148	71159	71170	71181	71192	71203	71214	71232	
	(71137) (1)	TCCGACGACTTACCGGTAGCGACCCGGTTTCTCATTTGGTATCCCGCCCTGGGATCGAACCAGGACCGCAAACCTTAGAAGGATCGTATGCTATCCA									

SARS-CoV-2 & T4.apr

		Section 743									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(71233)	71233	71247	71258	71269	71280	71291	71302	71313	71328	
	(71233)	TTACACCAGCGGGACGTAATTTAAATTTTCATTTTTTCGACCTTTAAACCATCCTTCTGGAATTGGGTCAGTTTTCTTAATACGTTTAGAACTTTT									
	(1)	-----									
		Section 744									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(71329)	71329	71335	71346	71357	71368	71379	71390	71401	71412	71424
	(71329)	TCATCTAATGAATGAATCCACATCATACCGAATTGGGAATTCCTTTTCACCTTTCTGGTGATTATTTTTGGCGTGAGATTCTTTCATTTTATTAATA									
	(1)	-----									
		Section 745									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(71425)	71425	71434	71445	71456	71467	71478	71489	71500	71520	
	(71425)	GTTTCAGGAGTATGATGCTTATTTAGAAATCTGCTATTATTTAAAAATTTTTCCCTGTATTTCAGGAGTTGACCACAAACGTTTAAATACATTTGAA									
	(1)	-----									
		Section 746									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(71521)	71521	71533	71544	71555	71566	71577	71588	71599	71616	
	(71521)	CCAATTTTACGATATTTTTCTTGAAGTAAATATCATTTTCAAACGTGACTTAAACGATTTAGCTCCTTTTAAAGCTAGCATCTTCTCTCTGGTTT									
	(1)	-----									
		Section 747									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(71617)	71617	71632	71643	71654	71665	71676	71687	71698	71712	
	(71617)	AGCATTCAGGAATATTTACATGATCCCATCCACCTTCACCGCCAAGTTTTAAATTATACACATCTGGTCTATTTAAAAACTCTTCTGTGACAATA									
	(1)	-----									
		Section 748									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(71713)	71713	71720	71731	71742	71753	71764	71775	71786	71797	71808
	(71713)	TTTTTCTCGGCTTCAAGCATAGATTCTTTATCGTCAAAATACTCTAATATTTCTTTAGAAAAATTTCTATACCATATTTATCTTGGGCTCTTTTT									
	(1)	-----									
		Section 749									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(71809)	71809	71819	71830	71841	71852	71863	71874	71885	71904	
	(71809)	AATAATTTACCAGAACCCATATATCCATCATCTAAATTTTCGGTAGAATGCACACCAATATAAATTTTATTATTAATTTTATTTGTTATTTTATAA									
	(1)	-----									

SARS-CoV-2 & T4.apr

										Section 750	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(71905)	71905	71918	71929	71940	71951	71962	71973	71984	72000	
	(71905) (1)	GTGTAATAGAACATAAATATCTCCTATTTCTAAGAGTATTTATGTTCTCAAAATATGACCCAGACCAGATTTGAACTGGTAACCTTTCCCTTATGA -----									
										Section 751	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(72001)	72001	72006	72017	72028	72039	72050	72061	72072	72083	72096
	(72001) (1)	GGGGACTGCTGCTAACCATTGAGCTACAGGGCCTTGGTGCTGATTGACGGAATCGAACCGCCGACATCCTCATTACAAGTGAGGTGCTCTACCTAC -----									
										Section 752	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(72097)	72097	72105	72116	72127	72138	72149	72160	72171	72192	
	(72097) (1)	TGAGCTAAATCAGCAAAATTACGGAGGCGATAGGATTTGAACCTATGAGTCGCCGGAGCGACTGCCGGTTTTCAAGACCGGTGCATTAAACCACTC -----									
										Section 753	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(72193)	72193	72204	72215	72226	72237	72248	72259	72270	72288	
	(72193) (1)	TGCCACGCCTCCAGTCTCCATACAAGGATTTGAACCTTGGACCTCCTGATCCCAAATCAGGCGCTCTACCAAACCTGAGCTACACGGAGTAAATTAA -----									
										Section 754	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(72289)	72289	72303	72314	72325	72336	72347	72358	72369	72384	
	(72289) (1)	ATTGGAGCGGATAATGAGAATCGAACTCACATCATCAGATTGGAAGTCTGAGGTAATACCATTATACGATATCCGCAAATTTGGTGCGAGAAGTGG -----									
										Section 755	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(72385)	72385	72391	72402	72413	72424	72435	72446	72457	72468	72480
	(72385) (1)	GACTCGAACCCACAAGGAAATCATTCGCGAGCATTTTAAGTGCTGTGCCTTTACCAATTTGACCATTCTCGCGCTGGGAATAAAGGACTCGAACCT -----									
										Section 756	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(72481)	72481	72490	72501	72512	72523	72534	72545	72556	72576	
	(72481) (1)	TTGCATCTAGCAGTCAAAGTGCTATGCCTTACCAACTTGGCTAATTCCCAATTATTAACAAAGGCTCTCTAACAAGAACCCTTGATGATAGAGGGT -----									

SARS-CoV-2 & T4.apr

		Section 757									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(72577)	72577	72589	72600	72611	72622	72633	72644	72655	72672	
	(72577)	ATTAATCAGTGC GG TATGAGTTAATAATAACAAATAATTCTTAAAGCATATTTACCATTTATGATGATACGTATTTACGATACATTCAAGACCCAA									
	(1)	-----									
		Section 758									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(72673)	72673	72688	72699	72710	72721	72732	72743	72754	72768	
	(72673)	AGGATTCTTGAAAAATATCATATTCAAGAGGACCTTTTTCTGTTTCAATAAAGAAATCAAATTTACTGTATTAAATTTACGGTCTTCCTTTACTAA									
	(1)	-----									
		Section 759									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(72769)	72769	72776	72787	72798	72809	72820	72831	72842	72853	72864
	(72769)	TTTAACCTTGAGAAAGATGAACGATCAATGTAAACCTTTTCAACTTCAAAACACGTTAAATGCCATAATCATCAATCAAGGCTTTAGCTGCTTCTTG									
	(1)	-----									
		Section 760									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(72865)	72865	72875	72886	72897	72908	72919	72930	72941	72960	
	(72865)	ATCATATTTATATCCATTTTCAACGGATGATACTTTTCGCATAAAGAATCATCATCAACCTCTATCAACAATAGCATGAGTATGGGCATTTACGATT									
	(1)	-----									
		Section 761									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(72961)	72961	72974	72985	72996	73007	73018	73029	73040	73056	
	(72961)	TGCCACCAGTCGAAACGATTGGAACCATAATCTGGTTTATTTTCATTTTCTTTAATGATATCACGCAGTTTATCTTCTGTTTCAGCATACGCAATT									
	(1)	-----									
		Section 762									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(73057)	73057	73062	73073	73084	73095	73106	73117	73128	73139	73152
	(73057)	AAATCATCATATCCACCACAAGGATAATAATTATCACCTGCGAATAAAAGAAAATTTACCTTAGATGGATTTACGTAATAATGGTCTTTAGGATAT									
	(1)	-----									
		Section 763									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(73153)	73153	73161	73172	73183	73194	73205	73216	73227	73248	
	(73153)	TTAGTTCCTCTCCAATCAGTTACTTCAACATAACGGTAAGAAAATCCATTTTACTTTCAATCCAACCTCCACGCTTCAAAGGAGTATTAAAACT									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 764							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(73249)	73249	73260	73271	73282	73293	73304	73315	73326
	(73249)	TTATCAGGTATTAAATTACCTTCAAAATGAGAAGGATTTGCATAATCCCCGGCATAAACATAATATTCGTTAATACTCATTTATTCACCTTTAGAA							
		Section 765							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(73345)	73345	73359	73370	73381	73392	73403	73414	73425
	(73345)	ATTTTATCCATAACGATAGCAATTAAACCAATTAAAAATGCTACTACAAGTGAAAACACATTTTCTGCTGTAGTTAATAATCCGCATATAAATCCA							
		Section 766							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(73441)	73441	73447	73458	73469	73480	73491	73502	73513
	(73441)	ACAAACATTGAAAACTAAAAGCAGAAGCAGAAATTGCAATAGCAACATTTGCAATTAATTCACAGCGTTTCATTTTATTCTCCTCAGTAGTTGAT							
		Section 767							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(73537)	73537	73546	73557	73568	73579	73590	73601	73612
	(73537)	AGGGTAATAGTATCACAGCTAAAACCCCTATGTAAACAACCTTTGTGAAATATTTATTACAAAAGATTTTTAGCAATAATCTTGAGATGTGCCGCAGA							
		Section 768							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(73633)	73633	73645	73656	73667	73678	73689	73700	73711
	(73633)	AATGTGTTTAGCTTTAAACAACGCAGTTTCTTCAGCAGGAGAGATAACGATTGTAGCACCATCCTTTTTAGCAGACCACCCATCACCTAGGTAAAC							
		Section 769							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(73729)	73729	73744	73755	73766	73777	73788	73799	73810
	(73729)	AGTACCTTTGATTTCTTCGCCATCAACCAGACTAATCATTGGTTTACCTTCTCGTCCTTTATTTGCTTTAATAACTTCAGAAGTAAGAGTAGCTTC							
		Section 770							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(73825)	73825	73832	73843	73854	73865	73876	73887	73898
	(73825)	GGTAATGGTAGAAACCGGGGTAGTTGTAGAAGTAAATCTTTAAATGTTTTCATTTTTATTTTCTTAATTAATTTTGATGAGGTAATAGTATCACT							

SARS-CoV-2 & T4.apr

		Section 771									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(73921)	73921	73931	73942	73953	73964	73975	73986	73997	74016	
	(73921)	ACCTCATCAGTATGTAAACAACCTTTGTGAAATTATTTTAAATCATCTGCCCAATCGAGTTTAAGAGGCTCTTTGTATTTCACGATCTAATACGACCG									
	(1)	-----									
		Section 772									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(74017)	74017	74030	74041	74052	74063	74074	74085	74096	74112	
	(74017)	GAATTTGTACATCACCGCTAAATGATAAGGGCCCAACATTATAAGACAATGTTATATGCGGTGTGTAATCATCAAATCATGTGTAGCACCTAGTG									
	(1)	-----									
		Section 773									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(74113)	74113	74118	74129	74140	74151	74162	74173	74184	74195	74208
	(74113)	CCCGCGCATACATGTGTGACAGCGCAGATATTCAGAATCTAGCACAAAGTACAAGAGTCGATCCATCTTGTGTTTTCCATACTTCTAAATGTCCAG									
	(1)	-----									
		Section 774									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(74209)	74209	74217	74228	74239	74250	74261	74272	74283	74304	
	(74209)	AAGAAGCTACTTCAAACTTCCACTCGATGGAACATATGGAACATTTACTCTTGAATAACATATAGTCGAATGAATTTTTTCTCTAGGAACCTGGAT									
	(1)	-----									
		Section 775									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(74305)	74305	74316	74327	74338	74349	74360	74371	74382	74400	
	(74305)	TAGGAACACGTAAAGAGCGCTGAAGTTCTTCCAGCGCATCAAGTGTTAATTCTGAAAACCTTAGCTGCTACATAAAGACCCGTTGAAAAGTCTTTAA									
	(1)	-----									
		Section 776									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(74401)	74401	74415	74426	74437	74448	74459	74470	74481	74496	
	(74401)	ATTCCATCATTTCTTCATCTTTTGCTTCATCTGCAGATTCAGCAGTAAGATTTTTGACAGCTTCAACGATTTCTTCAACTTTGATAGTATCGCCAGT									
	(1)	-----									
		Section 777									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(74497)	74497	74503	74514	74525	74536	74547	74558	74569	74580	74592
	(74497)	GATACCTACTGCACGAGCAATTTTCAGCCAAAGTTCCTTGCAGAATTTTGGATTCTTCCATCAGACGAGCAGCTTGATCCTGCGTATCAAGAATGCG									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 778							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(74593)	74593	74602	74613	74624	74635	74646	74657	74668
	(74593)	AGATTTTCAGAGTTACGATTTTCAGCAGACAGTTTTTGTTC AACAGTTTGTTCAGACATTATAGTACCTTTAGTGTATTTTAATTTTAGAAAAAGT							
		Section 779							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(74689)	74689	74701	74712	74723	74734	74745	74756	74767
	(74689)	TCTTCAAGAGAACCATCGTTTGTAATTACTAAATCGCCATCAGCAATTGGCAATCCAGCTTCTGTAATATGTGTATCATTGGATTTTTGACCAGGA							
		Section 780							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(74785)	74785	74800	74811	74822	74833	74844	74855	74866
	(74785)	CGAACTACATGAATTACTGTAGCACCCATCGCCCTAGCCGCATCCATTTTCATGATCTTGACGGGTATCAGGAACGATATAATAATCATAACCTGAG							
		Section 781							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(74881)	74881	74888	74899	74910	74921	74932	74943	74954
	(74881)	TTAAATTTATCAAGATAATCTAAAGCAAATAATTTTACCCAGTACATGCGGTGCAAGTTATTAACAATCAAATCCGTACCTAGGGCTTGCATCAGA							
		Section 782							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(74977)	74977	74987	74998	75009	75020	75031	75042	75053
	(74977)	CGACGGACTGACCATTGATCTTCAATATTATTTATAACGTCAGTAATCTTATTAAATGCTACGAAATTAAGTATTCTTTTCCTTCGTCATCAAAA							
		Section 783							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(75073)	75073	75086	75097	75108	75119	75130	75141	75152
	(75073)	ACAAACACACCTTTAATTGGGCTTTTACCATTAAAGATAACAAAATGCTTGTTCCATAATCGTGATTACTTCTAATTTAGTCAGATTTAAATTAGTC							
		Section 784							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(75169)	75169	75174	75185	75196	75207	75218	75229	75240
	(75169)	TCACGATCATAGTCAATTCTTCAAACTCTTTACGAGTTAAGCAAGGATAGTCAGTGTTTGCTGCAAATACTCCCCATGCATAAGCCAATGCATCC							

SARS-CoV-2 & T4.apr

		Section 785							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(75265)	75265	75273	75284	75295	75306	75317	75328	75339
	(75265)	TTAATAGGACCAGCAAGTTGGTATTTAACTGCAGAATAATTGCTCATGATAAAATCAGCAGTAGTATCTTTTCCACTACGCTTTACACCGCTTAAA							
		Section 786							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(75361)	75361	75372	75383	75394	75405	75416	75427	75438
	(75361)	AAGATTAGTTTCATGTGTTTCTCCTCAAATTTAATTAAGATTATAACACACAAAACCTGAAGCATTAAACTTCTGCTATAATTTTACCATCTTTTTT							
		Section 787							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(75457)	75457	75471	75482	75493	75504	75515	75526	75537
	(75457)	TACTTGAAAAATAGGTGTAAGGAATTGTTGCAGTACATACTAAAGCCGGGTCTGAATCTTCCGTGTAGCTAAATTCTACTTCAGATAGGTCAGAAAC							
		Section 788							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(75553)	75553	75559	75570	75581	75592	75603	75614	75625
	(75553)	CCAAGGCTTATAAAAAATTTATTGACATCACGATTTTCAGTTTTGCTATTATCTAAGATGTAAAGCGTAATGTACTCAGGACCTGTTTTTTGGGCAGT							
		Section 789							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(75649)	75649	75658	75669	75680	75691	75702	75713	75724
	(75649)	ATTTTCACCTGTAAGATAGTTGCTAGTTCCTAGCATCCATTCATACATTCCTATCCACGACTTAAGTTCTTCATCAACTATAAATCTCACAAATGAG							
		Section 790							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(75745)	75745	75757	75768	75779	75790	75801	75812	75823
	(75745)	TGGATCATACTCAAATGTAACACCTGGACGTTGTGCTCGGCCAGTCCAAACGGCCAGTCACGGTATCAGTAACAGGTATTCTAATTCCCTGGAAT							
		Section 791							
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(75841)	75841	75856	75867	75878	75889	75900	75911	75922
	(75841)	AGGAACTGACTGAGCATTTAAAGTAAAGCAGATGTAGTATTACTATGTGGTATTGATACTACAAAGTTAGTTGTATTTGCTTGTTAAAAATTTG							

SARS-CoV-2 & T4.apr

Section 792											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(75937)	75937	75944	75955	75966	75977	75988	75999	76010	76021	76032
	(75937)	TTGCAGAGCTTGCGACATATATTCCTCATAATGCTTTATAACTGTTGGTGGTATAATGGGTCTAAGTCCCTTCCATTCAATTCCATTTAGAACAAA									
	(1)	-----									
Section 793											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(76033)	76033	76043	76054	76065	76076	76087	76098	76109	76128	
	(76033)	CAACAGAAAAGAATGGAAGATAATAGAAATTAGATATTTGACCAGACTTTGTTTGCAGAGAAACGTTTTCTTTTGAACGAACTGCTGAAGTGGCA									
	(1)	-----									
Section 794											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(76129)	76129	76142	76153	76164	76175	76186	76197	76208	76224	
	(76129)	TCAACACAACGTTTCGCCAGTCTTTCGGGGCGATTTCAACAAGGCTACCCATAATATTACCAGGTATATATGCCTTAATCATTGGTCTGCACCCC									
	(1)	-----									
Section 795											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(76225)	76225	76230	76241	76252	76263	76274	76285	76296	76307	76320
	(76225)	TAAATCCTTTCACTTGACTCCAATCAATTTTTAATTTGTTTTATTAGTAATAGTAGGTGTATTTGCATATTGCTTTAAAAGCTCTTCTAGGAATT									
	(1)	-----									
Section 796											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(76321)	76321	76329	76340	76351	76362	76373	76384	76395	76416	
	(76321)	GCTGACGAGCTTTAGGTGGAATATAGTGCAAGTTTAATCCGTACATTAAATTATGCTTACCTAAACCAAGGTAAATTATCAAAGGAAATTTATCCC									
	(1)	-----									
Section 797											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(76417)	76417	76428	76439	76450	76461	76472	76483	76494	76512	
	(76417)	AGTAAGGAAGAGTTTCCTTGTGTTTAGCATCATAAGCAAAAGCATATATTCGTCCCGGCTGCGGGCGAACAACCTTTATGTCCTTTTACTTGCTTAA									
	(1)	-----									
Section 798											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(76513)	76513	76527	76538	76549	76560	76571	76582	76593	76608	
	(76513)	TAGTTTCAGCAAACCACTTCTGGTTTTATTATTAATTGCTGCGCCTTCATTACGAATTTTATCACGCAATGTTTGTCTGAATGAATTTATCATAA									
	(1)	-----									

SARS-CoV-2 & T4.apr

Section 799											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(76609)	76609	76615	76626	76637	76648	76659	76670	76681	76692	76704
	(76609)	GCAGTTGTCTTTCTTGCTTATTGAGTTTATTCATTGGTTTTGATTCAAGTTTTTGAATCTTTTCAGCCGTTTTAATTCCTGAAGCATATTTTGACA									
	(1)	-----									
Section 800											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(76705)	76705	76714	76725	76736	76747	76758	76769	76780	76800	
	(76705)	TTGCTGAAGTAAACGTAGAGTATTTGATTCCCTCTTTCTTCAGCAAATTGCTTTCCTGTCATTCCCTTTTGCTTTGGCCTTTTTATATTCAAGACCTA									
	(1)	-----									
Section 801											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(76801)	76801	76813	76824	76835	76846	76857	76868	76879	76896	
	(76801)	TCTGAATCCATTTCTTTTCGTTTAATGATTGCTTAACCTTTGGAACCTGGGGAGTGCTTTCATTAATTATTTGAAAAATAGCCATTATGCCCCCTT									
	(1)	-----									
Section 802											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(76897)	76897	76912	76923	76934	76945	76956	76967	76978	76992	
	(76897)	AAAGCCAAGAGCTCGTAATCCATCTTCTGTTAGAATTCTAAATTTTATTCACGCTTTTCAGCTAAAGATTGTGCTGCTTTCCATTTGTCAGTGTT									
	(1)	-----									
Section 803											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(76993)	76993	77000	77011	77022	77033	77044	77055	77066	77077	77088
	(76993)	CACAGACCAGGTATAAATTTTCATTCATAAATCTTTTCTTCGCTGCGGTCGTTAGATGTGCTGGTTTAACTGGTGGTTGTGTTTCTTTTTTAGGTTT									
	(1)	-----									
Section 804											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(77089)	77089	77099	77110	77121	77132	77143	77154	77165	77184	
	(77089)	TATTTCAATAAAAAATTCTTGTCAGAGAAGTCTTTTCATCCAAATATCCATGAAGTATCTACGTTTTTCCCTTCTGCATTACAAAAATAAGGAAT									
	(1)	-----									
Section 805											
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(77185)	77185	77198	77209	77220	77231	77242	77253	77264	77280	
	(77185)	TACTGCTGTTTCACTACCCCATGCAATAATTTCTGGATTTTTATCTAACCATTCAAAAAGAATTTTCCCAATTTGATCTATACGTAATTTTTTT									
	(1)	-----									

SARS-CoV-2 & T4.apr

Section 806											
T4 NC_000866.4	(77281)	77281	77286	77297	77308	77319	77330	77341	77352	77363	77376
SARS-CoV-2 NC_045512.2	(77281)	AGGGTCACCTCTATACTTTGATATATTTTAGGAACCCATTTTCCAGAATATGCCATTGGATTCTCCTTATAAATAGATAATATATTTATAAACAG									
	(1)	-----									
Section 807											
T4 NC_000866.4	(77377)	77377	77385	77396	77407	77418	77429	77440	77451		77472
SARS-CoV-2 NC_045512.2	(77377)	GAGGGCCCCATGCTCTTTACATTTTTTGATCCGATTGAATATGCGGCCAAAACGGTGAATAAAAACGCGCCGACTATTCTTATGACAGATATTTTTTA									
	(1)	-----									
Section 808											
T4 NC_000866.4	(77473)	77473	77484	77495	77506	77517	77528	77539	77550		77568
SARS-CoV-2 NC_045512.2	(77473)	GAAACTATAAAGACTATTTTAAACGCGCTCTTGCGGGATACCGCTTACGTACTTATTATATTAAAGGTTCAACACGCCCCGGAAGAATTAGCAAATG									
	(1)	-----									
Section 809											
T4 NC_000866.4	(77569)	77569	77583	77594	77605	77616	77627	77638	77649		77664
SARS-CoV-2 NC_045512.2	(77569)	CTATATATGGAAATCCACAGCTGTATTGGGTTTTATTGATGTGTAATGATAATTATGACCCGTATTATGGATGGATTACTTCGCAAGAAGCTGCTT									
	(1)	-----									
Section 810											
T4 NC_000866.4	(77665)	77665	77671	77682	77693	77704	77715	77726	77737	77748	77760
SARS-CoV-2 NC_045512.2	(77665)	ATCAAGCATCTATACAAAAATACAAAAACGTAGGTGGAGACCAAATAGTATATCATGTGAATGAGAACGGTGAAAAATTTTATAATTTAATATCAT									
	(1)	-----									
Section 811											
T4 NC_000866.4	(77761)	77761	77770	77781	77792	77803	77814	77825	77836		77856
SARS-CoV-2 NC_045512.2	(77761)	ACGATGATAATCCATATGTTTGGTATGATAAAGGCGATAAAGCTAGAAAATATCCTCAATATGAAGGAGCGCTTGCTGCGGTCGATACGTATGAAG									
	(1)	-----									
Section 812											
T4 NC_000866.4	(77857)	77857	77869	77880	77891	77902	77913	77924	77935		77952
SARS-CoV-2 NC_045512.2	(77857)	CTGCTGTTCTTGAAAATGAAAACTTCGTCAAATAAAAAATAATAGCAAAATCAGACATCAATTCATTTATGAACGACCTTATACGTATAATGGAGA									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 813									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(77953)	77953	77968	77979	77990	78001	78012	78023	78034	78048	
	(77953)	AATCTTATGGAAATGATAAGTAATAACCTTAATTGGTTTGTTCGGTGTTGTTGAAGATAGAATGGACCCATTAAAATTAGGTCGTGTTTCGTGTTTCGT									
	(1)	-----									
		Section 814									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(78049)	78049	78056	78067	78078	78089	78100	78111	78122	78133	78144
	(78049)	GTGGTTGGTCTGCATCCACCTCAAAGAGCACAAAGGTGATGTAATGGGTATTCCAAGTGAAGAAATTACCATGGATGTCAGTTATTCAACCTATAACT									
	(1)	-----									
		Section 815									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(78145)	78145	78155	78166	78177	78188	78199	78210	78221	78240	
	(78145)	TCTGCAGCAATGTCTGGAATTGGAGGTTCTGTTACTGGACCAGTAGAAGGAAGTACAGTTTATGGTCATTTTTTTAGACAAATGGAAACTAATGGA									
	(1)	-----									
		Section 816									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(78241)	78241	78254	78265	78276	78287	78298	78309	78320	78336	
	(78241)	ATTGTCCTTGGCACGTATGGTGGGAATAGTTCGCGAAAAACCGAATAGACTTGAAGGATTTTCTGACCCAACTGGGCAGTATCCTAGACGTTTAGGA									
	(1)	-----									
		Section 817									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(78337)	78337	78342	78353	78364	78375	78386	78397	78408	78419	78432
	(78337)	AATGATACTAACGTACTAAACCAAGGTGGAGAAGTAGGATATGATTTCGTCTTCTAACGTTATCCAAGATAGTAACCTAGACACCGCAATAAATCCC									
	(1)	-----									
		Section 818									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(78433)	78433	78441	78452	78463	78474	78485	78496	78507	78528	
	(78433)	GATGATAGACCGCTATCAGAGATTCCGACCGATGATAATCCAAATATGTCAATGGCTGAAATGCTTCGCCGTGATGAAGGATTAAGATTAAAAGTT									
	(1)	-----									
		Section 819									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(78529)	78529	78540	78551	78562	78573	78584	78595	78606	78624	
	(78529)	TATTGGGATACCGAAGGATATCCGACAATTGGTATTGGTCATCTTATCATGAAGCAGCCAGTTCGTGATATGGCTCAAATTAATAAAGTTTTATCA									
	(1)	-----									

SARS-CoV-2 & T4.apr

		Section 820									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(78625)	78625	78639	78650	78661	78672	78683	78694	78705	78720	
	(78625) (1)	AAACAAGTTGGTCGTGAAATTACAGGAAATCCAGGTTCTATTACAATGGAAGAGGCGACGACTTTATTTGAGCGTGATTTGGCTGATATGCAACGG									
		Section 821									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(78721)	78721	78727	78738	78749	78760	78771	78782	78793	78804	78816
	(78721) (1)	GACATTAAATCACATTCTAAAGTAGGACCAGTCTGGCAAGCTGTCAACCGTTCTCGTCAAATGGCGTTAGAAAATATGGCATTTCAGATGGGTGTT									
		Section 822									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(78817)	78817	78826	78837	78848	78859	78870	78881	78892	78912	
	(78817) (1)	GGTGGTGTAGCTAAATTTAACACAATGTAACTGCTATGTTAGCAGGAGATTGGGAAAAAGCGTATAAAGCCGGTCGTGATTCATTGTGGTATCAA									
		Section 823									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(78913)	78913	78925	78936	78947	78958	78969	78980	78991	79008	
	(78913) (1)	CAAACAAAAGGCCGTGCATCCCGTGTTACCATGATTATTCTTACGGGGAATTTGGAATCATATGGTGTGAAAGTAAAACCCAGCTAGGTCTCTA									
		Section 824									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(79009)	79009	79024	79035	79046	79057	79068	79079	79090	79104	
	(79009) (1)	TCAGCAATGGCTGCTACTGTAGCTAAATCTTCTGACCCTGCTGACCCTCCTATTCCAAATGACTCGAGAATTTTATTCAAAGAACCAGTTTCTTCA									
		Section 825									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(79105)	79105	79112	79123	79134	79145	79156	79167	79178	79189	79200
	(79105) (1)	TATAAAGGTGAATATCCTTATGTGCATACAATGGAACTGAAAGCGGACATATTCAGGAATTTGATGATACCCCTGGGCAAGAACGATATAGATTA									
		Section 826									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(79201)	79201	79211	79222	79233	79244	79255	79266	79277	79296	
	(79201) (1)	GTTTCATCCAACCTGGAACTTATGAAGAAGTATCACCATCAGGAAGAAGAACAAGAAAAACTGTTGATAATTTGTATGATATAACCAATGCTGATGGT									

SARS-CoV-2 & T4.apr

		Section 827									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(79297)	79297	79310	79321	79332	79343	79354	79365	79376	79392	
	(79297)	AATTTTTTTGGTAGCCGGTGATAAAAAGACTAACGTCGGTGGTTCAGAAATTTATTATAACATGGATAATCGTTTACATCAAATCGATGGAAGCAAT									
	(1)	-----									
		Section 828									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(79393)	79393	79398	79409	79420	79431	79442	79453	79464	79475	79488
	(79393)	ACAATATTTGTACGTGGAGACGAAACGAAAACGTTGAAGGTAATGGAACATCCTAGTTAAAGGTAATGTTACTATTATAGTTGAAGGTAATGCT									
	(1)	-----									
		Section 829									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(79489)	79489	79497	79508	79519	79530	79541	79552	79563	79584	
	(79489)	GACATTACAGTTAAAGGAGATGCTACCACTTTAGTTGAAGGAAATCAAACACAGTAAATGGAAATCTTTCTTGAAAGTTGCCGGGACAGTT									
	(1)	-----									
		Section 830									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(79585)	79585	79596	79607	79618	79629	79640	79651	79662	79680	
	(79585)	GATTGGGATGTCGGTGGTGATTGGACAGAAAAATGGCATCTATGAGTTCTATTTTCATCTGGTCAATACACAATTGATGGATCGAGGATTGACATT									
	(1)	-----									
		Section 831									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(79681)	79681	79695	79706	79717	79728	79739	79750	79761	79776	
	(79681)	GGCTAATATACTTCCAATGAGCGCTGATTTAGGAGAATCCATGGAAGGTTCTTCTATCGACGTCACCTTTACCGCTCAATTAGAAACAGGTGAAAC									
	(1)	-----									
		Section 832									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(79777)	79777	79783	79794	79805	79816	79827	79838	79849	79860	79872
	(79777)	GTTAGTATCTATAAAATATAACTAGTTACGAAGAACTCCTGGGGTTTTAGTAGAAGAAAATCGCTTATATGGAACATATGAATCTGTATTTGGTTT									
	(1)	-----									
		Section 833									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(79873)	79873	79882	79893	79904	79915	79926	79937	79948	79968	
	(79873)	CGGAAATGACGCGTTGAAATATCGTTTAGGCGATGAATTTAAACTGCTGCTTCATGGGAAGAACTTCCTACTGATTCTGATACTCAGTTGTATTT									
	(1)	-----									

SARS-CoV-2 & T4.apr

										Section 834	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(79969)	79969	79981	79992	80003	80014	80025	80036	80047	80064	
	(79969)	GTGGAAAGCTCCTCAAAACCTCCAGAAGACATTCACTTACGAAGTAACATTAATATATGACTACCAAGAACAAAGTGAATCTGGGGGTTCTGGCAG									
	(1)	-----									
										Section 835	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(80065)	80065	80080	80091	80102	80113	80124	80135	80146	80160	
	(80065)	TAATTCTAGGTCATCTTCTGATACTACTGAACCGACAGATCCTCCTGCTCCAGTAAGAAAACTCTAGTTAAAAATTATACTAAACTATAGTTGG									
	(1)	-----									
										Section 836	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(80161)	80161	80168	80179	80190	80201	80212	80223	80234	80245	80256
	(80161)	AAATTGGAGTCGTTGGGCTAATAAACTGAGAAAAATATGCCTATGCAAGACCATAAATATTTTTATTTGTATTCAATAACTAATAAAACAACAGAAA									
	(1)	-----									
										Section 837	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(80257)	80257	80267	80278	80289	80300	80311	80322	80333	80352	
	(80257)	AAATTTTATGTAGGCGTCCACAAAACCTCAAATTTGGATGATGGGTATATGGGTTCTGGCGTTGCCATTAAAAATGCCATTAAAAATATGGCATAG									
	(1)	-----									
										Section 838	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(80353)	80353	80366	80377	80388	80399	80410	80421	80432	80448	
	(80353)	ATAATTTTTATAAGCATATTATAAAATCTTTGAATCTGAAAAAGCTATGTATGACGCAGAGGCAGAAATAGTCACAGAGGAATTTGTTAAATCTA									
	(1)	-----									
										Section 839	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(80449)	80449	80454	80465	80476	80487	80498	80509	80520	80531	80544
	(80449)	AGAAAACCTTATAATATGAAACTAGGCGGTATCGGTGGCTTCCCAAAACATAACACAGCGGGTGCTAAAAATGGATTTTACGGTAAATCTCATTTCGC									
	(1)	-----									
										Section 840	
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(80545)	80545	80553	80564	80575	80586	80597	80608	80619	80640	
	(80545)	GTGAAACTAGATTGAAAAATTAGCATTAATCGTCTAGAAAAAGAGGGCCTAGAGGGCTAGAGGTAAACTCTGAAGATGTGTGGCGCCAATAACCC									
	(1)	-----									

SARS-CoV-2 & T4.apr

										Section 841	
	(80641)	80641	80652	80663	80674	80685	80696	80707	80718	80736	
T4 NC 000866.4	(80641)	AAGGTATGGCAAAATAGCCCCTAATGCTAAATCTGTTATTATCAACGGCGTTTTATATAAAAGTATTAAAATCGCAGCTAAAGCTCTTAATATAAA									
SARS-CoV-2 NC_045512.2	(1)	-----									
										Section 842	
	(80737)	80737	80751	80762	80773	80784	80795	80806	80817	80832	
T4 NC 000866.4	(80737)	TTATAGTACCTTAAAGGGGCGAGTTAAAGCGGGGTATTATAAATGTCAGGATTAAGTTATGATAAGTGTGTTACTGCTGGCCATGAAGCGTGGCCT									
SARS-CoV-2 NC_045512.2	(1)	-----									
										Section 843	
	(80833)	80833	80839	80850	80861	80872	80883	80894	80905	80916	80928
T4 NC 000866.4	(80833)	CCAACAGTTGTGAATGCTACACAAAGTAAAGTATTCCTGAGGGAATTGCTGTTCTCGTAGCAGGCGATCCAATTACAGAACATACAGAAATTAAA									
SARS-CoV-2 NC_045512.2	(1)	-----									
										Section 844	
	(80929)	80929	80938	80949	80960	80971	80982	80993	81004	81024	
T4 NC 000866.4	(80929)	AAGCCGTATGAAACACATGGCGGAGTGACACAACCTAGAACTTCTAAGGTATATGTCCTGGAAGAAAGCTGTTCAAATGGCTGATCCAATATCA									
SARS-CoV-2 NC_045512.2	(1)	-----									
										Section 845	
	(81025)	81025	81037	81048	81059	81070	81081	81092	81103	81120	
T4 NC 000866.4	(81025)	TGCGGTGATACTGTGGCTCAGGCATCATCTAAAGTATTCATTAAATAGGATTTAAAATGGCAAATACCCCTGTAAATTATCAATTAACAAGAACAG									
SARS-CoV-2 NC_045512.2	(1)	-----									
										Section 846	
	(81121)	81121	81136	81147	81158	81169	81180	81191	81202	81216	
T4 NC 000866.4	(81121)	CAAATGCTATTCCCGAGATATTCGTGCGGGGTACATTTGCTGAAATAAAACAAAACCTCATTGAATGGCTTAATGGCCAAAATGAATTTTTGGATT									
SARS-CoV-2 NC_045512.2	(1)	-----									
										Section 847	
	(81217)	81217	81224	81235	81246	81257	81268	81279	81290	81301	81312
T4 NC 000866.4	(81217)	ATGATTTTGAAGGCTCAAGATTAAACGTTCTGTGTGACCTTTTAGCTTATAATACATTATACATTACAGCAGTTTGGTAATGCTGCTGTGTATGAAA									
SARS-CoV-2 NC_045512.2	(1)	-----									

SARS-CoV-2 & T4.apr

											Section 848																																										
	(81313)	81313	81323	81334	81345	81356	81367	81378	81389	81408																																											
T4 NC_000866.4	(81313)	GCTTTATGCGTACTGCTAACTTACGAAGTTCAGTTGTTCAAGCTGCACAAGATAACGGATATTTACCTACTTCAAAATCCGCTGCGCAGACCGAAA																																																			
SARS-CoV-2 NC_045512.2	(1)	-----																																																			
											Section 849																																										
	(81409)	81409	81422	81433	81444	81455	81466	81477	81488	81504																																											
T4 NC_000866.4	(81409)	TTATGTTAAACATGCACTGACGCATTGAATAGGAATTACATTACTATTCTCGCGGAAGCTCGCTTTTTAGCATATGCAAAAGATACTTCTGTTAATC																																																			
SARS-CoV-2 NC_045512.2	(1)	-----																																																			
											Section 850																																										
	(81505)	81505	81510	81521	81532	81543	81554	81565	81576	81587	81600																																										
T4 NC_000866.4	(81505)	CATATAACTTCGTTTCTAGGGAAGACGTTATTGCTATTTCGTGAT									AAAA	TAACCA	ATA	TT	TTCC	GC	GT	TT	AAAA	TTGGC	CCA	GGGACGT	A	TAGT	AA																												
SARS-CoV-2 NC_045512.2	(1)	-----									ATT	AA	AGGTTT	ATA	CC	TTCC	CAG	GT	AA	CA	AA	ACCAA	CCA	AC	----	TT	TCG	AT																									
											Section 851																																										
	(81601)	81601	81609	81620	81631	81642	81653	81664	81675	81696																																											
T4 NC_000866.4	(81601)	GAAC									TG	AA	ATCA	TT	TATGA	TAAA	TT	AAC	ACCTATT	ATCA	TT	TATG	ATAAAAA	TATT	GAT	AG	AA	CCAGGT	TAA	TT	ATAC	--GT	TG	AT	GG	AGCGGA																	
SARS-CoV-2 NC_045512.2	(48)	CTCT									TG	TA	GATC	TG	TCTC	TAAA	CG	AAC	TTT	--	AAA	ATC	TG	TG	GGCTGTC	ACTCG	GCTGC	ATG	CTTA	GTGC	ACT	CACG	CAGTA	TAA	TTA	ATAACT																	
											Section 852																																										
	(81697)	81697	81708	81719	81730	81741	81752	81763	81774	81792																																											
T4 NC_000866.4	(81697)	AT									-----	GGAT	TT	AAC	TGGAC	GAG	AA	AGT	CA	AT	G	GT	TC	ATG	CT	GG	TT	CA	ACAT	--	CA	ACGA	TTT	ACT	TATA	TGCG	TG	AA	C	TAT	TG	AT	GG	AA	ACA	CT							
SARS-CoV-2 NC_045512.2	(142)	A									ATTACT	GT	CG	TT	G	AC	AGGAC	AC	G	--	AGT	A	ACT	CGT	CT	AT	CT	TC	TG	CA	GGC	T	G	CTT	ACG	G	TTT	CGT	CCG	TGT	-	TG	CAG	C	GAT	C	AT	CAGC	ACA	TC			
											Section 853																																										
	(81793)	81793	81807	81818	81829	81840	81851	81862	81873	81888																																											
T4 NC_000866.4	(81793)	GA									ATTCTA	TTT	TG	GT	GAA	GGT	GAAA	TTT	CT	G	TTA	AATG	CTTC	TG	A	AGG	AGC	TT	GA	CC	GC	TAA	TT	AT	AT	CG	AG	GT	CTT	AA	AC	CTA	CT	CAGA	ACT	CT							
SARS-CoV-2 NC_045512.2	(234)	TA									AGG	---	TTT	C	GT	CCG	GGT	---	G	T	GA	C	G	AA	AGGTA	AGA	TG	G	AG	-	AGC	TT	G	T	CCC	-	TGG	TTT	CA	CG	-	AG	AAA	AC	AC	GTC	CA	ACTC	AG	TTT			
											Section 854																																										
	(81889)	81889	81895	81906	81917	81928	81939	81950	81961	81972	81984																																										
T4 NC_000866.4	(81889)	AC									GAT	T	G	TTA	TT	GAGT	TACATTA	GT	ACT	A	--	AT	G	T	G	GCT	GAC	G	CG	AA	-	CG	AG	CAG	TC	GG	AT	TT	-	TC	AT	AC	G	CAGAT	TAC	ATT	AA	C	AA	AT	AT	A	ACTGT
SARS-CoV-2 NC_045512.2	(319)	G									C	TG	TT	TA	CAG	GGT	TCGCGAC	GT	G	CT	CGT	AC	G	T	G	GCT	TTG	G	AG	ACT	C	CGT	G	AG	GA	GG	T	CTA	TC	AG	GC	ACGT	-	CA	AC	AT	CTT	AA	AG	AT	G	GCA	

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		Section 855									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(81985)	81985	81994	82005	82016	82027	82038	82049	82060	82080	
	(81971)	CA	TCAATA	TTAA	TGA	AAATCC	AAACGATGA	TC	CAGAT	TTTGT	TGGGG
	(414)	CT	TGTGGC	TTAG	TAG	AAAT	TG	AAAT	AAAGGCG	TTT	TG
		Section 856									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(82081)	82081	82093	82104	82115	82126	82137	82148	82159	82176	
	(82067)	TACT	AT	TAAACGCGA	AA	CCCCA	CAACG	AT	GC	GT	AACTG
	(503)	CTCT	AT	GGTCATGTT	A	TGGTTG	AGCTG	TA	GC	AG	AACT
		Section 857									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(82177)	82177	82192	82203	82214	82225	82236	82247	82258	82272	
	(82160)	TCAGAC	TTTCACT	G	ATTCT	ACTA	AA	ACCTG	GG	TAT	GC
	(598)	-----	GGCGAA	--	AT	ACCA	GTG	---	GC	---	TTA
		Section 858									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(82273)	82273	82280	82291	82302	82313	82324	82335	82346	82357	82368
	(82255)	TT	AAAAAT	-TATC	TC	AA	GACTA	TA	ATTT	AG	CT
	(669)	GT	ACGGCGCCGA	TC	TA	A--G	TC	ATTT	GA	CT	TAGGCG
		Section 859									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(82369)	82369	82379	82390	82401	82412	82423	82434	82445	82464	
	(82347)	AC	ATAT	GCT	TTA	AAATAAAC	TG	CA	AGA	AT	CG
	(762)	GC	AGTG	GTG	TTA	C---CCG	TG	AA	CTC	AT	GCG
		Section 860									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(82465)	82465	82478	82489	82500	82511	82522	82533	82544	82560	
	(82443)	TT	TA	AC	TCGTCT	TT	CGCT	AAAT	CT	AAGA	TG
	(849)	GC	TA	C	CT---	CT	GAG	TG	CA	TAA	AG
		Section 861									
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(82561)	82561	82566	82577	82588	82599	82610	82621	82632	82643	82656
	(82537)	GT	GAA	GTA	CA	AAA	CT	CT	AT	TA	AA
	(942)	GG	GT	GTA	CA	CTG	CT	G	CG	TG	AA

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		Section 862										
		(82657)	82657	82665	82676	82687	82698	82709	82720	82731	82752	
T4 NC_000866.4	(82632)	AATTC TGGACGAAAGGTTGTAAATCCTGATAC TGGTTTAGAAGAAAGATGTATTATATGACGTTCTGTA TAGTATCAACAGACCGAGATTCTTAAAGGA										
SARS-CoV-2 NC_045512.2	(1036)	TAAAT TGGCAAAGAAATTTGACACCTC--AATGGG--GAATGTCCAAATTTTGATAT----TTCCTTAAATTCATATCAAGACTATTCAACCA										
		Section 863										
		(82753)	82753	82764	82775	82786	82797	82808	82819	82830	82848	
T4 NC_000866.4	(82728)	ATTG--GTAAAGTTATTATTGGTCCATTGCTTTC TGGCGATGTATACAGAAAATGAAAACATT CAGCCGTATTACAGGC AACGATTTT AACAAATTAG										
SARS-CoV-2 NC_045512.2	(1124)	AGGGTTGAAAAG---AAAAGCTTGTATGGCTTTATGGGTAGAAATTC-GAT---CTGTCTATC CAGTTGCGT-CACCA AATGAATGC AACCAAATGT										
		Section 864										
		(82849)	82849	82863	82874	82885	82896	82907	82918	82929	82944	
T4 NC_000866.4	(82822)	CAAAATTCGTGATGGACGCGACAAATACTATGTTATC--GGTGA AATAAAT TATCCAGCTGATGTGATTTATTGGAATATCGCTAAAATT AATTTAAC										
SARS-CoV-2 NC_045512.2	(1212)	GCCTTTC AACTT-----CTCATGAAGTGTGATCATTGTG GTG-AAACTTCATGCGAGACGGC-----GATTTTGT TAAAGCCACTT-----										
		Section 865										
		(82945)	82945	82951	82962	82973	82984	82995	83006	83017	83028	83040
T4 NC_000866.4	(82916)	ATCTGAAAAA TTTGAAGTT CAGACCATTGAATTAATTCTGAC CCAACCGATGATGTTATCTTTACTCGCGATGGTT CACTGATTTGTATTGAAAA										
SARS-CoV-2 NC_045512.2	(1287)	----GCGAAT TTTGTGCACTGAGAAATTGACTAAGAAGGTG CCACTACTTGTTGTTACTTA---CCCAAAATGCTGTTGTTAAATTTA----										
		Section 866										
		(83041)	83041	83050	83061	83072	83083	83094	83105	83116	83136	
T4 NC_000866.4	(83012)	TGACTTACGTCCA CAATACTTAAC TATCGATTTGAGCCTATATCACAA--ATGACAGTA--AAAGCACCTTCAGTCACTAGTCTCAGAAATTTCCAA										
SARS-CoV-2 NC_045512.2	(1372)	---T--T-GTCCA GCATG-----TCACAATT CAGAGTAGGACCTGAGCATAGTCTTGCCGAA TACAT-----AATGAATCTGCGTTGAAAA										
		Section 867										
		(83137)	83137	83149	83160	83171	83182	83193	83204	83215	83232	
T4 NC_000866.4	(83104)	GTTATTCGCGCAAAATCAAGGTGCAAGTACGCTGGGATGACGTTGGTGCTAAATTTCTACTATTTTGTAGAAATCGCTGAGACAAAAACAACTCGGGGGA										
SARS-CoV-2 NC_045512.2	(1449)	CCATTCGTTCTAGAG-GGTGGTCCACATATTT----GCCTTTGGAGGCTGTGTGTTCTCTTATGTTGTTGTTGCCATTAACAAGTGTGCCTATTGGGTTCC										
		Section 868										
		(83233)	83233	83248	83259	83270	83281	83292	83303	83314	83328	
T4 NC_000866.4	(83200)	AAATCTCCCGAGTAATCAATATCGTTGGATTAAATTTAGGATATACAGCAAAATAATAGTTTCTTTTATGATGATG--CTGATCCATTACAAATATAC										
SARS-CoV-2 NC_045512.2	(1540)	ACGTG---CTAGCGCTAACATAGGTTGTAACCATACAGGTGTTGTTGGAGAGGTTCCGAAGGTCTTAAATGACAACCTTCTTGAATACCTCCAAA										

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		Section 869									
		(83329)	83329	83336	83347	83358	83369	83380	83391	83402	83413 83424
T4 NC 000866.4	(83294)	A-TT---ATTAGAGTAGCCACAGCTGCGCAAGATTTTGAGCAGTCGTGATTGATTTATACCGAAGAGTTTGAAACTTTTGTACAAATGCTTATAC									
SARS-CoV-2 NC_045512.2	(1633)	AG-AGAAAGTCAAC--ATCAATATGTGGTGACTTTAACTTAAAGAT--CGCCATTATTGTGCATCTTTTCTGCTTCCA CAAGTGC									
		Section 870									
		(83425)	83425	83435	83446	83457	83468	83479	83490	83501	83520
T4 NC 000866.4	(83386)	ATTTCAAAACATGATTGAAATGCAATTAGCCAATAAAATTCAATCAGGA AAAATTTACTCTTAATAATTCTGATTATGTTAAATT TTAAT AATGATA-									
SARS-CoV-2 NC_045512.2	(1723)	TFTTGTGGAAACTGTGAAAGGT---TTGGATTATAAAAG-CATTCA A--A---CAAATTGTTGAATCC TGTGTTAATT TTAAGTTACA AAGGAAA									
		Section 871									
		(83521)	83521	83534	83545	83556	83567	83578	83589	83600	83616
T4 NC 000866.4	(83481)	--CTATAATGCTGCAATTGATGAATGAATCAATTCCAATTTCAGCCATCGTATGTTGATGTTTC-ATCAATAAGTAATTTTATTATTGGTGA AAAATG									
SARS-CoV-2 NC_045512.2	(1810)	AGCTA AAAAGFGCTGGAATAATFGGTGAACAGAAATCAATAC TGAGTCC TCTTTATGCA TTTGCATCAGAGGCTGCTCGTGTGTGTACGATCAAT									
		Section 872									
		(83617)	83617	83622	83633	83644	83655	83666	83677	83688	83699 83712
T4 NC 000866.4	(83574)	AGTATCATGAAATACAAAGGTTCTATTCAGCAAGATTATGTTAAGGATATTAACCGAGTTTATTGTAT-GGAATCAGAAGGAATTCTATATCTTTT--TG									
SARS-CoV-2 NC_045512.2	(1906)	TTTCFCGCCGACT-CTTGAAACTGCTCA A-AAATCTGTGCGTGTTTTCAGAAAGGCCGCTATACAATACTAGATGGAATTTCACAGTATTCACCTG									
		Section 873									
		(83713)	83713	83721	83732	83743	83754	83765	83776	83787	83808
T4 NC 000866.4	(83667)	AGCGCTATCAACCTGTAGTTAAAGTATCAATGATAAAGGACAAACCTGGAAAGCTGTAAAGCTCTTCAATGACC GTGTAGGATATCCTTTATCTA									
SARS-CoV-2 NC_045512.2	(2000)	AGACTCATTG A--TGCTATGATGTTCAATCTGATTTGGCTACTAACAAATCTAGTTGTAAAGGCCTACATTACAGGTGGTGTGTGTCAGTTGACTT									
		Section 874									
		(83809)	83809	83820	83831	83842	83853	83864	83875	83886	83904
T4 NC 000866.4	(83763)	AGACAGTATATTACCAATCTGCGAACA CAACATACTGTCTAGGATACGACAAGATTTTCTATGGCCGCAATCTAC TGATGTTAGATGGTCAGCCG									
SARS-CoV-2 NC_045512.2	(2094)	CG-CAGTGGCTA ACTAA CAT-CTTTGGCA-----CTGTTTATGA AAAAC-----TCAAACCCGTCCTTGATTGGCTTGAAG--AGAAGTTT-AAGG									
		Section 875									
		(83905)	83905	83919	83930	83941	83952	83963	83974	83985	84000
T4 NC 000866.4	(83859)	ATGATGTCAGATTTAGTTCTCAGGATATAACAATTGCTAAACCTTGGCG-ACCAATTACATCTAGGATTTGATGTAGAAATTTTTCACCTTACGCG									
SARS-CoV-2 NC_045512.2	(2175)	AAGGTGTAGAGTTTCTTAGAGACGGTTGGGAAATTGTTAAATTTATCTCAACCTGTGCTTGTGAAATTGTCGTTGACAAATTT-GT CACCTGTGCA									

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		Section 876									
		(84001)	84001	84007	84018	84029	84040	84051	84062	84073	84084 84096
T4 NC 000866.4	(83954)	A C T T T T A C C A G C G A A T - G T A T A C C G - C A T T G C A G A A G C T A T T A C T T G C A C C G - A T G A T T A C A T T T A C G T T G T C G C C A G A G A C A A A G T T A G A T A C A T A									
SARS-CoV-2 NC_045512.2	(2270)	A A G G A A A T T A A G A G A G T G T C A G A C A T T C T T T A A G C T T G T A A A T A A A T T T T T G C T T T G - T G T G - - C T G A C T C T A T C A T T A T T G T G A G C T A A A									
		Section 877									
		(84097)	84097	84106	84117	84128	84139	84150	84161	84172	84192
T4 NC 000866.4	(84047)	A A A A C - G A G T A A T G C A C T T A - - T A G A T T T T G A T C C A T T A T C T C C A A - - - C A T A T T C G G A A A G A C T T T T T G A A C C T G A T A C C A T G A C T A T A A C C G G A									
SARS-CoV-2 NC_045512.2	(2363)	C T T A A A G C C T - - T G A A T T T A G G T G A A A C A T T T G T C A C G C A C T C A A A G G G A T T G T A C A G A A A G T G T T T A A T C C A G A G A A A A A - C T G G C C T A C T C									
		Section 878									
		(84193)	84193	84205	84216	84227	84238	84249	84260	84271	84288
T4 NC 000866.4	(84137)	A A T C C - - - T A A A G C A G T A T G C T A T A A A A T G G A T T C T A T C T G T G A T A A A G T T T T G C T C T T A - - - - T T A T T - G G T G A A G T T G A A A C A T T A A T G C T A									
SARS-CoV-2 NC_045512.2	(2456)	A T G C C T C T A A A A G C C C A A A - - A G A A A T T A T C T T C T T A G A G G A G A A A C A C T T C C C A C A G A A A G T G T T A C A G A G A A G T T G T C T T G A A A A C T G G T G									
		Section 879									
		(84289)	84289	84304	84315	84326	84337	84348	84359	84370	84384
T4 NC 000866.4	(84225)	A T C C T A G A A C A T C A - A - - A A A T A A T T G A T T C C G C T G A T A A A G G A A T A T A T G T T T A A A T C A T G A C G A A A A A C A T G G A A A A G A G T T T T T G G T A A T A									
SARS-CoV-2 NC_045512.2	(2550)	A T T T A C A A C A T T A G A A C A A C C T A C T A G T G A A G C T G T T G A A G C T C C A T T G T T G G T A C A C A G T T T G T A T T A A C G G C T T A - - - - T G T T G C T C G A A									
		Section 880									
		(84385)	84385	84392	84403	84414	84425	84436	84447	84458	84469 84480
T4 NC 000866.4	(84318)	C C G A A G A A G A A A G A A G A C G T A T T C A A C C C - - G G A T A T G C G A A T A T G T C A A C T G A C G G T A A A T T A G T T T C T C T G T C T T C G A G T A A T T T T A A A - - - - T									
SARS-CoV-2 NC_045512.2	(2642)	A T C A A A G A C A C A G A A A A - G T A C T G T G C C C T T G C A C C T A A T A T G A T G T A A C A A A C A A T A C C T T C A C A - C T C A A A G G C G T G C A C C A A C A A A G G T T A									
		Section 881									
		(84481)	84481	84491	84502	84513	84524	84535	84546	84557	84576
T4 NC 000866.4	(84408)	T T T T A A G T G A T A A T G T T G T T A A T G A C C C T G - A A A C - T G C A G C A A A - - - - A T A T C A G T T A A T T G G C G C T G T T A - - A A T A T G A A T T T C C T C G T G A A T G									
SARS-CoV-2 NC_045512.2	(2736)	C T T T T G T G T G A T G A C A C T G T G A T A G A A G - T G C A A G G T T A C A A G A G T G T G A A T A T C A C T T - - T T G A A C T T G A T G A A A G G A T T G A T A A A G T A C T T A A T G									
		Section 882									
		(84577)	84577	84590	84601	84612	84623	84634	84645	84656	84672
T4 NC 000866.4	(84496)	G T T A G C T G A T A A G C A T T A T C A T A T G A T G G C A T T - - T A T A G C G G A T G A A A C A T C - - - T G A T T G G G A G A C T T T T A C T C C T C A A C C A A T G A A A T A C T A C									
SARS-CoV-2 NC_045512.2	(2829)	A G A A G - T G C T C T G C C T A T A C A G T T G A A C T C G G T A C A G A A G T A A A T G A G T T C G C C T G T G T T G T G G C A G A T G C T G T C A T A A A A C C T T T G C A A C C A G T A									

SARS-CoV-2 & T4.apr

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SARS-CoV-2 & T4.apr

		Section 890																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		(85345)	85345	85360	85371	85382	85393	85404	85415	85426	85440																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
T4 NC_000866.4	(85241)	G	AAT	TCAC	GT	AGC-TA	TG	AT	TTTTA	-TTCT	AC	TAA	GG	AAT-T	G	AA	GCA	T	CATACA	AG	TT	CT	TTTT	TAA	AG	T	CT	TTT	ATA	AA	---	TGA	AGA	AG	TT	GAA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
SARS-CoV-2 NC_045512.2	(3557)	A	AA	G	TGG	GT	G	TAGT	TG	TG	TTTTA	AG	CGG	AC	AC	AA	T	CT	TGC	TAA	CA	C	T	GT	CT	T	C	ATG	TT	G	TC	GG	CCC	AA	A	TG	TTA	AC	AA	AGG	TGA	AGA	CA	TT	C	AA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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		(85441)	85441	85448	85459	85470	85481	85492	85503	85514	85525	85536																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
T4 NC_000866.4	(85331)	A	TT	---	G	AA	AT	TG	AA	T	C	TG	GGG	C	TGG	TAC	T	G	AAT	AT	G	A	T	AA	T	CG	TT	CA	AT	CT	G	AT	T	CT	T	G	A	CTG	A	AG	A	AC	G	AT	TT	T	A	C	G																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
SARS-CoV-2 NC_045512.2	(3653)	C	TT	CT	T	A	AG	AG	TG	CT	T	A	TG	AAAA	TTT	TA	A	T	C	A	GC	AC	GA	AG	T	T	C	T	A	CT	T	G	CA	CC	ATT	T	A	T	CAG	CTG	G	TAT	TTTT	TG	--	GTG	CTG	AC	CC	T	A	T	A	C	A	T	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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		(85537)	85537	85547	85558	85569	85580	85591	85602	85613	85632																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
T4 NC_000866.4	(85424)	G	CAAC	AG	GA	AG	A	TGT	TAAT	GT	TACT	TA	--	TATAG	AA	A	G	AA	G--	C	T	A	T	T	CT	AA	T	GG	T	AA	ATTG	CA	A	TGG	A	CCG	T	AA	-	CT	AT	T	CAT	AA	T	CTTTT	G	GG	A	C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
SARS-CoV-2 NC_045512.2	(3746)	T	CTTT	AA	GA	G	TTT	TGT	GTA	G	A	TACT	G	T	T	C	G	C	A	C	A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													</

SARS-CoV-2 & T4.apr

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											Section 904		
	(86689)	86689	86702	86713	86724	86735	86746	86757	86768	86784			
T4 NC_000866.4	(86543)	TCGTTGTTT	TAGATGTTTCCT	GATACCGGA	ATGTGTTCA	ATAGCATCTT	TAACTGATAA	AGATGAA	TGCCTTAAG	TTAGGTGGA	AAATGGACTCC	TTCT	
SARS-CoV-2 NC_045512.2	(4793)	TCCTATAAA	GATFGGTCCT	ATCTCGGACAA	TCTACA	----	CAACTA	----	GGTATAGA	----	ATTTCTTAAGAG	AGGTGATAAAAGTGTATATT	
											Section 905		
	(86785)	86785	86790	86801	86812	86823	86834	86845	86856	86867	86880		
T4 NC_000866.4	(86639)	TGCTAG	GTCAATGA	CTCGCGCTGA	AGGTGAGGAG	ATGTCTGA	AGGAACAA	TTGA-ACC	CG---GAGAC	GGGTATGT	TGTGGGA	AT-----TCTAT	
SARS-CoV-2 NC_045512.2	(4876)	CACTAG	---TAATC	CTACCA	CATTCCAC	CTAGATGG	TGAAGTTATC	ACCTTTGA	CAATCTTAA	GACACTTC	TTTCTTTGAGAG	AGTGAGGACTAT	
											Section 906		
	(86881)	86881	86889	86900	86911	86922	86933	86944	86955	86976			
T4 NC_000866.4	(86725)	TTGAGAT	TCCG-CCTG	ATGTATCT	TATAAAT	AGATGCAC	GAATGA	AATATAT	CTGTGGT	TTCCTTGC	CTGAGGA	ATTAAAAGAA	GACCCGACTAGATGG
SARS-CoV-2 NC_045512.2	(4969)	TA-AGG	TGTTTAA	CAACAGTAGA	CAACATTA	ACCCTCAC	-ACGC	AAAGTTGT	TGTGACAT	TGTCAAT	GACATATGG	ACACAGTTT	GGTCCAACTTATTTG
											Section 907		
	(86977)	86977	86988	86999	87010	87021	87032	87043	87054	87072			
T4 NC_000866.4	(86820)	GGATA	TGAAGAT	TAATCT	CACTTGGCA	ACAA	GATGATTTT	TGGATTAATTT	TACCGTGT	TAAAGGC	AAATACTAT	CCGTTTTA	AAGCATATTTAGATTC
SARS-CoV-2 NC_045512.2	(5063)	GA---	TGGAGCT	TGATGT	ACTAAAAT	AAAA	CCTC	-----	TAATTTAC	A-TGAAG	-GTAAAA	ATTTTAT	GTTTTACCTAATGATGACACTCT
											Section 908		
	(87073)	87073	87087	87098	87109	87120	87131	87142	87153	87168			
T4 NC_000866.4	(86916)	GTTTATT	TTCTG	AAGCTGC	ATFAC	CAGGA	AAATAA	AGGATT-TAG	ACAAATAT	TCAATA	ATCACGA	ATCT-TTGAAG	-CTAAAGCTCATCCAAAT
SARS-CoV-2 NC_045512.2	(5146)	ACGT--G	TTGAG	GCTTTT	T-GAGTAC	TACCA	CACAACT	GATCC	TAGTTTT	TC--TGGG	TAGGTAC	ATGTCAGCA	TTAAATCACACTAAAAAGTGGAAA
											Section 909		
	(87169)	87169	87175	87186	87197	87208	87219	87230	87241	87252	87264		
T4 NC_000866.4	(87009)	GACCCA	AAACGTTAA	AGCTG	AAAAGGAT	TATTA	TGACC-CAGA	AGATTTA	ATGAGGCAT	TCGGGTG	AAATGATT	TATGGAA	AAATAGGCCACCTAT
SARS-CoV-2 NC_045512.2	(5237)	TACCCA	CAGGTTAA	TGGTTT	AACTT-C	TATTA	AATGGG	CAGA----	TAACAACT	GTTATCT	TTGCC	ACTGCA	TTGT-----AACTCCACAAA
											Section 910		
	(87265)	87265	87274	87285	87296	87307	87318	87329	87340	87360			
T4 NC_000866.4	(87104)	TATTAT	TGCAAT	GGATCAAA	CAGAAGA	AATCA	AATATCT	GTGTTTACA	TTTAAAA	TTAAGGG	AGCCCAT	GGGCTCC	CTTTTTCTTTATAAATACTATTA
SARS-CoV-2 NC_045512.2	(5322)	TAGAG	TTGAAGT	-----	TTAATC	CACCTGC	--TCTACA	AGATG-C	TTATTAC	AGAGCA	AGGGCT	GGTGAAGCTGC	--TAACTTTTGTG

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Section 911											
	(87361)	87361	87373	87384	87395	87406	87417	87428	87439	87456	
T4 NC_000866.4	(87200)	AACTCAT AAGGAAA CCGCTATGTTCATTCAAGAACCAAGAGAAATTGATTGATACCGCGGAATTGTTAACGCTTCTACTGGTGATATCTTATTCTGA									
SARS-CoV-2 NC_045512.2	(5400)	CACTTAT-CTTAGCCTACTGTAAAGACAGTAGGTGAGTTAGGTGAT-GTTAGAGAAACAAATGAGTACTTGT---TCAACATGC CAATTTAGA									
Section 912											
	(87457)	87457	87472	87483	87494	87505	87516	87527	87538	87552	
T4 NC_000866.4	(87296)	CGGTGGTAA TAAAATTAA TAGTGATTTTAAACGCAATTATAAATGCGTTTGGCGATCAGCGTAAAATGGCAGTAGCAAAATGGCACTGGAGCAGATGG									
SARS-CoV-2 NC_045512.2	(5491)	TTC TTGCAA-----AAGAGTC--TTGAACGTGGTGTGTAAACCTTGTGGACAA CAGCAGAA-----CAACCCTTAAGGGTGTA GAAGCTGTT--									
Section 913											
	(87553)	87553	87560	87571	87582	87593	87604	87615	87626	87637	87648
T4 NC_000866.4	(87392)	TCAAATATTCATGCT- TACTGGATATTTATCAAAAAACACTCTATTACAGAGTACGCAACTCCAGTGAAAGTTGGCAC TAGACATGATATTGA-TACC									
SARS-CoV-2 NC_045512.2	(5570)	----A-TGTA CATGGGCACTTCTTATGAACAA---TTTAAGAAA-GGTGTT CAGATACCTTGTAAGTG--TGGTAAACAAGCTACAAATATC									
Section 914											
	(87649)	87649	87659	87670	87681	87692	87703	87714	87725	87744	
T4 NC_000866.4	(87486)	TC-TACTGTAGGTGTAAAGTTATCAT TGA AAGAGCGGAACTCGGCGAT TGTGT-TGAATTCATTAAC TCTAATGGATCAATATCAGTTACTAATC									
SARS-CoV-2 NC_045512.2	(5655)	TAGTACAACAGGAGTCACTTTTGTTATGATGTCAAGCACCACCTGC---TCAGTATGAACTTAAG-----CATGGTACATTTAC-----									
Section 915											
	(87745)	87745	87758	87769	87780	87791	87802	87813	87824	87840	
T4 NC_000866.4	(87580)	CTTTGACAAATTCAGCTATFGATTC AATTA AAGGTGTTTCAGGTAA TTAGTAGTAAC TAGCCCATATAGTAAAGTTACTTTACGCTGTATTTTCAT									
SARS-CoV-2 NC_045512.2	(5731)	TTGTGCTAG-TGAGTACACTGGT-- AATTA CCAG----TGTGGTCACT-ATAAACATATACTTC TAAAGAACTTTGTATTGCATAGACGGTGCCT									
Section 916											
	(87841)	87841	87846	87857	87868	87879	87890	87901	87912	87923	87936
T4 NC_000866.4	(87676)	CTGAT-AATTCTACGTCGGTTTGGAA TTA TCTATTGAAGTATGTTTGGACA AAAGGAATCAACCAGCTGAAGGTA CATGGAA TATTCTTACATCT									
SARS-CoV-2 NC_045512.2	(5819)	TTACTTTACAAAGTCTCAGAA TACAAAGGTCCTATT--ACGGATGTTTCTTAC AAAGAAAACAGTTACACAA CAACCATAA AACCAAGT-TACTTAT									
Section 917											
	(87937)	87937	87945	87956	87967	87978	87989	88000	88011	88032	
T4 NC_000866.4	(87771)	GGATCAGTTGACATTCCATTATTTTCATCGTAC TGAATACAA TATGGCTAAATTGCTAGTTACGTGCCAATCGGTAGATGGAAGAAA AATTAAACA									
SARS-CoV-2 NC_045512.2	(5912)	AAATTGG-----ATGGTGTG-----TTTGT---A-----CAGAAATTGACCCTA---AGTTGGA---C-AATTATTATA									

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		Section 925																																															
		(88705)	88705	88715	88726	88737	88748	88759	88770	88781	88800																																						
T4 NC_000866.4	(88532)	CAAAT	TGACA	AAAT	TAC	CAG	TTC	AGACA	TTAG	TA	ATGTAGCTCGCAAAGAA	TT	TTTAGTTGAAGTTCAAGGACA	AA	CAG	ACT	TTT	T	AGATGTTTT	C																													
SARS-CoV-2 NC_045512.2	(6551)	ATGGC	TGCTT	ATG	TAGA	CA	TTC	TAGTC	TTA	CTA	-----	TT	-----	AA	GAA	AC	TAA	T	-----	T																													
		Section 926																																															
		(88801)	88801	88814	88825	88836	88847	88858	88869	88880	88896																																						
T4 NC_000866.4	(88678)	CGTG	GAA	C	TAGT	TA	TAA	TGTA	AATACATC	A	GAGTAA	AACATCGTGGT	AACGAATT	GT	ATTAC	G	GCGATGTGTTTAGC	G	AAAA	C	AGCGATTT	T	GGC																										
SARS-CoV-2 NC_045512.2	(6599)	----	GAA	T	ATC	TAG	-----	A	-----	GT	ATTAG	G	TT	-----	T	G	AAAA	C	-----	CC	T	GGC																											
		Section 927																																															
		(88897)	88897	88902	88913	88924	88935	88946	88957	88968	88979	88992																																					
T4 NC_000866.4	(88724)	TCTC	CAG	G	CGAA	AATGAAG	GAG	AACT	GGT	TCC	T	CTTG	AT	GGAT	TTA	ACATT	CGATTAAG	AC	AGC	CTTG	TAAT	AT	TGG	T	ACA	CT	GTTCAA	ATTGAA																					
SARS-CoV-2 NC_045512.2	(6634)	TACT	CAT	G	GTTT	AGCTGCT	GTT	AA	TAG	TG	TCC	-	CTTG	--	GGAT	TAC	-----	T	AT	AGC	----	TAAT	TA	TG	C	TA	AGC	CT	-----	T																			
		Section 928																																															
		(88993)	88993	89001	89012	89023	89034	89045	89056	89067	89088																																						
T4 NC_000866.4	(88820)	ACATTT	TATGGA	T	GGTG	TAT	CAC	AGT	G	GAG	A	AGTTC	CATA	TACAA	G	A	CGT	C	AAA	TTAG	AT	T	GTTA	GA	ATTC	-	AAA	TTAAC	GT	CA	AAA	A	CT	T	CTTT	TA	GA												
SARS-CoV-2 NC_045512.2	(6698)	-----	TTTCT	TA	ACA	A	AGT	T	GTTA	-----	G	TACAA	--	CT	ACT	AA	----	C	ATA	GTTA	C	AC	GGT	-----	GT	TT	AAA	C	G	T	GTTT	-	G	T															
		Section 929																																															
		(89089)	89089	89100	89111	89122	89133	89144	89155	89166	89184																																						
T4 NC_000866.4	(88915)	AGGAA	G	CAT	T	TAC	GTTA	CT	G	ATTT	AT	CA	AC	AA	T	GAAA	T	CAAT	T	C	ATT	T	T	C	T	G	CTTT	T	G	GAT	TAAT	T	CC	AG	G	AG	A	AC	CT	ATT	AAT	C	CTA	ACT	C	T	C	T	
SARS-CoV-2 NC_045512.2	(6761)	ACT	AA	TT	AT	A	TGC	----	CT	T	ATTT	C	TTT	AC	TTT	A	---	T	TGC	T	ACA	ATT	G	T	G	T	ACTTT	----	TA	C	T	AGA	AG	T	ACA	-----	AAT	T	CTA	GAAT	T	AA							
		Section 930																																															
		(89185)	89185	89199	89210	89221	89232	89243	89254	89265	89280																																						
T4 NC_000866.4	(89011)	T	G	AGGT	T	CGTTTT	A	ACGGG	AT	TTT	A	C	AG	A	ATTG	G	CT	GGC	A	C	GT	GG	A	T	GCC	ATT	AT	TT	TC	ATT	G	T	GTT	GG	TGC	C	GA	TT	C	A	G	AC	GA	TGA	AGT	AGA			
SARS-CoV-2 NC_045512.2	(6838)	A	G	CATC	T	AT	GCCG	A	CTACT	AT	AGC	AA	AG	AA	TACT	G	T	T	AAG	AG	T	G	T	C	GG	TA	---	A	ATT	T	T	G	TC	TAG	---	A	GG	CTT	C	AT	TT	A	ATT	TATT	TGA	AGT	CAC		
		Section 931																																															
		(89281)	89281	89287	89298	89309	89320	89331	89342	89353	89364	89376																																					
T4 NC_000866.4	(89107)	A	T	G	C	T	C	T	G	T	T	T	A	G	G	T	G	G	G	A	C	A	A	-	T	C	-	T	C	A	T	C	G	A	T	T	A	C	G	A	A	T	TTT	A	C	-	-	A	TTT
SARS-CoV-2 NC_045512.2	(6927)	C	T	AA	T	T	T	T	C	T	AA	AC	T	G	A	T	AA	T	T	T	A	T	T	T	G	G	T	T	T	T	A	C	T	A	T	T	A	G	T	G	T	T	T	G	T	T	T	T	

SARS-CoV-2 & T4.apr

		Section 932									
		(89377)	89377	89386	89397	89408	89419	89430	89441	89452	89472
T4 NC_000866.4	(89197)	CG	ATAG	CGT	ATTT	GAGCATG	GTGACA	TTAT	CAATAT	CAC	CTGGTT--TAAT
SARS-CoV-2 NC_045512.2	(7023)	TA	ATGT	CTA	ATTT	AGGCATG	C---C	TTCTT	ACTGT	--A	CTGGTTACAGAG
		Section 933									
		(89473)	89473	89485	89496	89507	89518	89529	89540	89551	89568
T4 NC_000866.4	(89791)	ACT	GAT	TAATCT	CTA	TGTA	TCG	CAAG	GACC--	TGG	AGTAGATATTT
SARS-CoV-2 NC_045512.2	(7113)	CTG	GT	CTATA	CT	TGTA	GTG	TTT	GTCTTAG	TGG	TTTAGATTC
		Section 934									
		(89569)	89569	89584	89595	89606	89617	89628	89639	89650	89664
T4 NC_000866.4	(89385)	AAG	CAG	TTCAAT	CTT	ATCA	CGC	GCA	TTT	AATGCT	GTTTCA
SARS-CoV-2 NC_045512.2	(7200)	CAT	CTT	TTA	AAT	GGG	ATT	TA	ACT	GCT	TTTGGCTTAG
		Section 935									
		(89665)	89665	89672	89683	89694	89705	89716	89727	89738	89749
T4 NC_000866.4	(89478)	AT	CCA	AAT	A	CC	CTG	TT	ACAT	TAT	ATGGGATT
SARS-CoV-2 NC_045512.2	(7296)	C	TG	CA	-AT	CA	TG	CA	ATT	GTT	TTT
		Section 936									
		(89761)	89761	89771	89782	89793	89804	89815	89826	89837	89856
T4 NC_000866.4	(89574)	C	TAA	CT	TTG	CT	CT	AAAT	AA	CAA	CGATTT
SARS-CoV-2 NC_045512.2	(7371)	T	TAA	TC	TTG	TAC	-AAAT	GG	CC	CGATTT	CAGCT
		Section 937									
		(89857)	89857	89870	89881	89892	89903	89914	89925	89936	89952
T4 NC_000866.4	(89670)	ATG	CTA	AT	CT	CT	GCAAC	TG	AAA	CA	GAT
SARS-CoV-2 NC_045512.2	(7431)	---	C	-	AT	TT	AT	TAT	GTA	TG	GAA
		Section 938									
		(89953)	89953	89958	89969	89980	89991	90002	90013	90024	90048
T4 NC_000866.4	(89766)	AA	TCC	G	-GTC	CAAT	T	TACA	CTA	AT	TACC
SARS-CoV-2 NC_045512.2	(7519)	AA	CAA	G	A	GTC	AAT	G	TACA	ACT	AT

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		Section 939													
		(90049)	90049	90057	90068	90079	90090	90101	90112	90123	90144				
T4 NC 000866.4	(89859)	-AT	ATTACAGTTTATCGTTGGATAAGGAT	TGCATAATG-AGTTTAC	TTAATAATAAAGC-GG	GAGTTATT	TTCCCGCTTAG	CCGATT	TTCTTGGTTT						
SARS-CoV-2 NC_045512.2	(7613)	TGG	AATTGTGTTAATTGTGATACATTCTG	TGCTGGTAGTACATTATTAAGTGATGAAGTT	GC	GAGAGAC	TTGTCACTA--CAGTT	AAAAGACCAA							
		Section 940													
		(90145)	90145	90156	90167	90178	90189	90200	90211	90222	90240				
T4 NC 000866.4	(89957)	TAG	ACCTAAAACTGGCGACATTGATGTAA	TGATATCGTCAATCAGTCGGGT	CAGTGA	CAATATCT	CAATTAGCGAAAGGATT	TT--ATGAAC	CAAC						
SARS-CoV-2 NC_045512.2	(7707)	TAA	ATCCT--ACTGA--CAGTCTCT--TAC	ATCGTTGAT-AGT-GTTA	CAGTGA	AGAAATGGT	--TCCATC	ATCTCTTTAC	TTTGAT	AAAGCTGGT					
		Section 941													
		(90241)	90241	90255	90266	90277	90288	90299	90310	90321	90336				
T4 NC 000866.4	(90046)	AT	AGAAATCAGCTATTAAATGACGTT	CATAAATTTTTC	TATAAAAAGACGT	TGGCA	CAATTA	TTACTAATAAA	ACTGGTGT	TTC-TCC	TGAGGGTGT	TTTC			
SARS-CoV-2 NC_045512.2	(7793)	CA	AAAGACTT--ATGAAAGACATTC	TCTCTCTCATTTTGTTA	-ACTTAGACA	ACCTG	AGAGCTAATAA	CACTAAAG	TTCAT--TG	CCTATTAAT	TG				
		Section 942													
		(90337)	90337	90343	90354	90365	90376	90387	90398	90409	90420	90432			
T4 NC 000866.4	(90141)	TCAA	ACTGATTATGGGCATTTTCTGG	AACTGTAA	CAGACGAT	TCTCTTCC	TCGGGT	TCTCC	TA-TAC	GTATTAGTA	TT-TG	GTCTTC	CAGT		
SARS-CoV-2 NC_045512.2	(7884)	TT	ATAGTTT	TTGATGGTA---AATCA	AAATGTGAAGAA	ATCATCTG	CAAAATCAGC	GTCTGTT	TAC-TAC	AGT--CAGC	-TTATG	TGTCAAC	CCTAT		
		Section 943													
		(90433)	90433	90442	90453	90464	90475	90486	90497	90508	90528				
T4 NC 000866.4	(90235)	T	CAGCAACA	ACTGGAATGAC	GGCAATTGAGTT	TGTGTGCAAAA	GTTCGCGTT	CACTACAA	GAGCTATT	TGCGTCATT	TACTGCTAT	CAATT	CATAT		
SARS-CoV-2 NC_045512.2	(7972)	A	CTG---TTACTAGATCA--GGCAT	TAGTGTCTGATG	TTGGTGATAGT	GCGGAAGTT---G	CAGTTAA	AAATGTTTGAT	TGCTTACGTT	AATAC	CGTTT				
		Section 944													
		(90529)	90529	90541	90552	90563	90574	90585	90596	90607	90624				
T4 NC 000866.4	(90331)	AAAGAC	CATC	CAACTGATGGTAG	TAAATTAGA	AGTTAC	TTATTTAGATAA	TCAAAA-ACAT	GTATTAA	GCA	CATATTCTAC	ATA	TGGAATA	ACTAT	
SARS-CoV-2 NC_045512.2	(8060)	-T----	CATCAA	-----CTTT	TA-----ACGTAC	CAATGG	AAAAACTCAAAA	CAC	TAGTTGC	AACTGCAG	AAGCTGA	ACTTGC	AAAG	AATGT	
		Section 945													
		(90625)	90625	90640	90651	90662	90673	90684	90695	90706	90720				
T4 NC 000866.4	(90426)	T	TCCCAAGAA	ATTATATCTG--AGTCTAA	GCCTGG	CATATGGTA	CATGG	AA	TTTAT	TGGGCGCA	CAAACTGT	AACTTT	AGATAA	T	
SARS-CoV-2 NC_045512.2	(8137)	G	TCC	TTAGACAATGTCTTATCT	ACTTTTATTTCAGC	AGCTCGG	CAAGG	TTTGT	TGATT	CAGATGTA--GAA	ACTAAAGAT	GT	TGTTG	AATG	TCTT

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		Section 946															
	(90721)	90721	90728	90739	90750	90761	90772	90783	90794	90805	90816						
T4 NC 000866.4	(90520)	ACAGTATTTTATCATTTTGAGAGAACAGCATGAGTAATAATACATATCAACACGTTT--CTAATGAATCTCGTTATGTAAAAATTGATCCTACCGA															
SARS-CoV-2 NC_045512.2	(8231)	AAATGTGTCAACATCAATCTGACATAGAAG--TTACTGGCGATAGTTGTAAATAACTATATGCTCACCTATAACAAAGTTGAAAAACA															
		Section 947															
	(90817)	90817	90827	90838	90849	90860	90871	90882	90893	90912							
T4 NC 000866.4	(90614)	TACGAATTTTCCAGCGGAGATTACTG-A-TGTTACAGCTGCTATATAGCAGGCATTTCTCTGCTGCTGGAAGTAAATGGAGTTCCTGATGCATCGTCAACA															
SARS-CoV-2 NC_045512.2	(8324)	GAC---CTTGGTGCTTGATTTGACTGTAGTGCCTGCTCATTAATGC-GCAGGTAGCAAAAAGTCAACAACATGTCTTTGATATGGAACGTAAAGA															
		Section 948															
	(90913)	90913	90926	90937	90948	90959	90970	90981	90992	91008							
T4 NC 000866.4	(90708)	ACAAAGGGGAATTCTATTTATTTCACACTGAAACAGGAAGT-TATAGATGGAACTAAATAATCCAAAGCAGTTACACCAGCAACGTTTGCAACAAAGATT															
SARS-CoV-2 NC_045512.2	(8416)	TTTCTATGTCATTGTCTGAACAACTACGAACAAATAACGTAGTGCTGCTAAAAGGAATAACCTTACGTTTAA---AGTTGACATGTGCAAC-----															
		Section 949															
	(91009)	91009	91014	91025	91036	91047	91058	91069	91080	91091	91104						
T4 NC 000866.4	(90803)	ATCTTATCCAAATGCAACTGAAACGTGTTTACGGATTAACAAATATTTCAAACCAATGATGAAGCCATTGCGCGGAATTAAATAATGAATCTTCTATAAC															
SARS-CoV-2 NC_045512.2	(8503)	----TAT-----CTAGACAAAGTTGTTAATGTTGTAACAAACAAAGATAGCACTTAAGGGTGGA---AAATTGTTAAATAATTGG--TTGAAGCAG															
		Section 950															
	(91105)	91105	91113	91124	91135	91146	91157	91168	91179	91200							
T4 NC 000866.4	(90899)	TCCAGCTAAATTTACGTGTCGCCCTTAATAAATGCGTTTGAAACGCGAGTTTCAACTGAATCC--TCAAATG--GTGTTATTAAATAATTTTATCTCTAC															
SARS-CoV-2 NC_045512.2	(8582)	TT-AATTAAGTTACACTTGTGTTTCTTTTGTGTCGCTATTTTCTATTTTAACTGTTCAATGTTCATGTCTAAACATCTGACTTTTCAAG															
		Section 951															
	(91201)	91201	91212	91223	91234	91245	91256	91267	91278	91296							
T4 NC 000866.4	(90991)	CGCAAGCATTAGCTGGTGACAGATGATACCTACTGCAATGACTCCATTAAAAACA-CAGCAGTTAGCTATTAAATTAATTGCGCAAAATGCTCCTTTCT															
SARS-CoV-2 NC_045512.2	(8677)	TGAAATCA-TAGGATACAAGGCTATTGATGGTGGTCTACTCGTGACATAGCATCTACAGATACTTGTTTTCGTTAAACA---AACATGCTGATTTT															
		Section 952															
	(91297)	91297	91311	91322	91333	91344	91355	91366	91377	91392							
T4 NC 000866.4	(91086)	GAAACACAGCTACCGGAATCGGACCAAGGTGTTGTTCAATTAGCAACAGTAGCGCAGGTTTCTGTCAGGGGAACCTTTAAGAAGGCTATGCAATTTCT															
SARS-CoV-2 NC_045512.2	(8768)	GACACATGGTTTAGCGCAG-----CGTGGTGTAGTTA--TACTAA---TGACAAAGCTTGCCCATTT-----GA--TTGCT--GCA---GT															

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Section 953												
	(91393)	91393	91399	91410	91421	91432	91443	91454	91465	91476	91488	
T4 NC_000866.4	(91182)	CCTTATACGTTTATGAATTCATCTTCTACTGAAGAATAATAAAGGCATAATTAAATTAGGAACACAATCA-GAAGTTAACTCGAATAATGCTTCTGT										
SARS-CoV-2 NC_045512.2	(8836)	CATAACAAG---A-GAAGT-GGGTTTGTCTGTCGTGCCTGGTTTGCTGCGACGATATTACGCACA-ACATAATG--GTGACTTTTTGCATTCTTACCT										
Section 954												
	(91489)	91489	91498	91509	91520	91531	91542	91553	91564		91584	
T4 NC_000866.4	(91277)	TGCGGTTACTGGCGCAACTCTTAAATGGTCTGTGGTTCACGACGTCATGAGAGGCGTAGTTAAATTAACTACAACCGCGGTTTACACAGGTGGAGG										
SARS-CoV-2 NC_045512.2	(8924)	AGAGTTTTTAG-TGCAGTTGGTAAATCATCTGTACACACATCAAAACTTATAG-AGTACACTGACT--TTGCAACATCAGCTT----GTGTTTTGG										
Section 955												
	(91585)	91585	91597	91608	91619	91630	91641	91652	91663		91680	
T4 NC_000866.4	(91373)	CGATGCTTCATCAGCCTTAGCTTTGGAATGCTGACGTATTCAGCAAAGAGGTGGTCAAATTATCTATGGAACACTCC-GCATT-GAA--GACACA-										
SARS-CoV-2 NC_045512.2	(9012)	C--TGCTGAATGTACAAATTTTAAAGATGCTTCTGGTAAGC--C--AG----TACCATATTGT-TATG--ATACCAATGTACTAGAAAGGTTCTGTT										
Section 956												
	(91681)	91681	91696	91707	91718	91729	91740	91751	91762		91776	
T4 NC_000866.4	(91464)	-TTTCAATAGCTAATGGTGGAGCAAATATTTACGGGTACCGTCAGCAATGACTGGCGGTTATATTCAAGGTAAACCGCATCTCTAACACAAAATGAAAT										
SARS-CoV-2 NC_045512.2	(9095)	GCCTTATGAAGTTTACGCCCTGACACACGTTATGTGCTCA---TGATGCGCT--CTATTATT-----CAATTCTCTAAC-----										
Section 957												
	(91777)	91777	91784	91795	91806	91817	91828	91839	91850	91861	91872	
T4 NC_000866.4	(91559)	TGATAGAACTATTTCCTGTCTGGAGCTATTTATGATGTGGCCGCTGATAGTCTTCTCTAGTGATGCTTGGCGCTTCTGCCATGTGTGAACTGTTTCAGC										
SARS-CoV-2 NC_045512.2	(9164)	-----ACCTACC-----TTGAAGGTTCTGTTAGAGTGGTAAACAACTTTTGATTCT---GAGTACTGTAGGCACGGCACCTGTGAAAGATCAGAGC										
Section 958												
	(91873)	91873	91883	91894	91905	91916	91927	91938	91949		91968	
T4 NC_000866.4	(91655)	GTCAGATTGTCCATTATATGCTTTCAGAAATTGGA---A-CAAGATATGCGGAAACCCATCAAAATCCTGGAATTGCCTGACATGCGTGGTCTTTTGT										
SARS-CoV-2 NC_045512.2	(9247)	TGGTGTTTGTGTATCTACTAGTGGTAGATGGTACTTAACA----ATGATTATTACAGATCTTTACAGGA--GTTT--TCGT--TGGTGTAGAT-										
Section 959												
	(91969)	91969	91982	91993	92004	92015	92026	92037	92048		92064	
T4 NC_000866.4	(91747)	TTCTGTTCTGCTCGTGTCTCTCACTTAACAAATCCAAATGTTAATGGTAATGACCAAT--TTGGTAAACCTAGATTAGGTGTAGGTTGTACCGG										
SARS-CoV-2 NC_045512.2	(9332)	-----GCTGTAAATTTACTTAATAATGTTTA-----CACCACATAAT--TCAACCTA-TT--GGTGC-----TT										

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Section 960																				
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(92065)	92065	92070	92081	92092	92103	92114	92125	92136	92147	92160									
	(91841)	TGGAT	ATGTTGGTGA	AGTACA	GATACAC	AGATG	TCTT-AT	CA	TAAACAT	GCTGGTGG	ATT	TGGTGA	GCAT	GAT	TGATCTGGGGGC	ATT	CGGT	TAATA		
	(9387)	TGGACA	-----TATC	AG--CATC	TATAGTAG	CTGGT	AT	TGTAGCT	ATCGTAGTA	-ACATG	CCTTGCCT	ACT	T-----	ATT	TTAT	GAGG				
Section 961																				
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(92161)	92161	92169	92180	92191	92202	92213	92224	92235	92256										
	(91936)	CCCG	TAGATC	AAA	TTTTGT	TG	GTACAC	GTAA	AGGAC	TTGACT	GGGATA	ACCGT	TTCATAC	TTCA	CCAATG	ACGGAT	ATGAAAT	TGACC	CAGAA	TCAC
	(9464)	TT--	TAGAGAGC	TTTTG	G	TGAATACA	GT	CATGTAG	TTGCT	TTAATA	-CTT	T--ACTA	TTT	-CTT	ATGT	CATTC	ACTGT	ACT	----CTGTT	TAC
Section 962																				
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(92257)	92257	92268	92279	92290	92301	92312	92323	92334	92352										
	(92032)	AAC	GAAATT	CCAAT	TATACA	TTAAAT	CGTCC	TGAATT	TAA	TTGGAAAT	GAAACAC	GTCCAT	TGGA	ACATT	TCTTT	AAAC	TACATA	TAAT	TAGGT	TAAAAG
	(9550)	ACC--	AGTT--TAC	T	CATTC	TTA	CC	TGTGT	TTAT	CTGT	TTAT-----TT	ACTT	GTACT	TG--ACATT	--TT	-ATCT	TAC-TAAT	GATGTT	TCTTT	
Section 963																				
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(92353)	92353	92367	92378	92389	92400	92411	92422	92433	92448										
	(92128)	AA	TGACAG	ATATT	GTACT	GAAT	GACTT	-ACCAT	TTG	TTGAC	GGCCCT	CTCTG	CAGAGGGCC	CAGAGCCGC	ATTTCC	TGGATT	AAAA	AACGG	CGAAG	AA
	(9631)	TT	TAGCAC	ATATT	CAGTG	GATG	TTAT	GTTCAC	AGCTTT	TAGTAC	CTTT	CTGGA	TACAAATT	GCT-TAT	ATCATT	TGTATT	TCCA	----CA	AAGCAT	
Section 964																				
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(92449)	92449	92455	92466	92477	92488	92499	92510	92521	92532	92544									
	(92223)	TAT	TAGGAG	CTGAC	CACAC	AGTA	TGGAG	TGAAG	GCTCA	ATGAA	TAGAC	-TAC	GGTTTC	TGTACT	TAGAAAT	TTGAAG	----	TTCTTGAT	TAAAA	
	(9722)	TTC	TATTG	GT--C	-TTT	AGTA	ATTACC	TAAAG	---AG	ACGTG	TAGTCTT	TAA	TGGTGT	TTCTT	TAGTACT	TTGAAG	AAGC	TGCGCTG	TGCACC	
Section 965																				
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(92545)	92545	92554	92565	92576	92587	92598	92609	92620	92640										
	(92314)	CA	TTGGAAT	ACTTAA	AAACAT	CTTTAG	AAA	CCGCAAA	TAGTGAT	ATTAA	AAC	AATTC	----AGGGC	ATCT	TAGAT	GTAT--	CTGGT	GATATT	GAGC	
	(9812)	TT	TTTGT	TAAATA	AAAGAA	TGTAT	CTAAA	GT-TGCG	TAGTGAT	GTGCT	ATTACC	TC	TTACGCAAT	ATAA	TAGAT	ACTTAG	CTCTTT	ATAATA	AGTA	
Section 966																				
T4 NC 000866.4 SARS-CoV-2 NC_045512.2	(92641)	92641	92653	92664	92675	92686	92697	92708	92719	92736										
	(92404)	TTT	GGCCCAA	ATAGG	TATCAA	--TAAAA	GGATAT	TTCTGA	CCTCA	AAAC	GCTA	ACCA	GTGA	ACAC	CAGAAATAT	TAAATG	GAACT	AATAA	TACG	
	(9907)	CAA	G	TATTTT	AGTGG	-AGCAA	TGGATACA	ACTAGCT	TACAGA	GAG--AGCT	GCTT	GTTT	-GT	CATCT	CGCAAGGCTC	TCAATG	ACTTC	AGTAA	CTCA	

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		Section 967																																			
		(92737)	92737	92752	92763	92774	92785	92796	92807	92818	92832																										
T4 NC_000866.4	(92498)	GT	TGACAG	TATTCCTT	GC	CGATATTGGTC	CATTTAA	CGCCGAGGC	CAACTCTGTATACAGAAC	GATCAGAAATGATT	TACTGTGGATAAAGC	GTGAA																									
SARS-CoV-2 NC_045512.2	(9998)	GG	TCTGAT	TGTTCTTT	TAC	CAACCACC-A	CAAACCT	CTATCACTCAGCTGT	-TTTG	CAGAGTGGTTTT	AGA-AAA	TGGCATTCCC	ATCTG	GTAAA																							
		Section 968																																			
		(92833)	92833	92840	92851	92862	92873	92884	92895	92906	92917	92928																									
T4 NC_000866.4	(92594)	C	TTG	GACAA	TACACT	GGT	CAAGATATTAA	TGGTCTTCT	CTGTGTGTAGGAAAT	CCTAGT-AG	TGGAA	TGA-AGCATCGCATTTATTAAT	AAT-AC	TGAT																							
SARS-CoV-2 NC_045512.2	(10091)	G	TTG	AGGGT	TGTATG	GTA	CAAGTAAC	TTGTGG---	TACAAC	TACAC---	TTAACG	GTCTTTGGCT	TGATGACGTAGTTT	TACTGTCC	AAGACA	TGTG																					
		Section 969																																			
		(92929)	92929	92939	92950	92961	92972	92983	92994	93005	93024																										
T4 NC_000866.4	(92687)	G	TCAT	CAC	TCGCAGG	GAATAC	GTTTAAG	CGAATTA	GAAACAAA	ATTTAT	TGAATCTGATGTAGGT	TCTTTGACCA	TTG----	AAGT	TGGTAAT	CT																					
SARS-CoV-2 NC_045512.2	(10181)	A	TC	TG	CAC	TC	TGAAGAC	ATGC	-TTAAC	CTAATTA	TGAAG---	ATTTA	CTCAT	TCGTAA	AGTCTAA	TCATAA	TTTC	TTG	GTAC	AGGC	TGGTAAT	GT															
		Section 970																																			
		(93025)	93025	93038	93049	93060	93071	93082	93093	93104	93120																										
T4 NC_000866.4	(92779)	TC	GTGAAGA	GCTT	GGACCG	AAACC	ACCA	TCAT	TTTCA	AGAAC	GT	TTA	TAGT	CGT	TTAAA	TGA	AATT	GAC	ACTAAAC	AGACA	AC	CAGT	TGAGT	CTGA													
SARS-CoV-2 NC_045512.2	(10273)	TC	AACTCAG	GGTT	-----	ATTGG	ACAT	TC	TAT	GC	AAA	ATTGT	GT	ACT	TAAG	GT	TAAAGGT	TGA	TACAG	CCAT	CC	TAAGACA	-C--	TAAGTATAA													
		Section 971																																			
		(93121)	93121	93126	93137	93148	93159	93170	93181	93192	93203	93216																									
T4 NC_000866.4	(92875)	CA	TTAG	TGCT	ATT	AAG	CCTC	AATAGGA	TATC	CAG	GAAATAA	TT	CGATT	AT	CAC	GAGT	GTT	AA	TACAAAC	-----	AC	TGAT	AAT	AT	TG	CA	TCTA										
SARS-CoV-2 NC_045512.2	(10360)	GT	TT	GT	TC	GC	ATT	CAAC	CAGG	AC	AGACT	TTTT	CAG	TG----	TTAG	CTT	GT	TAC	AA	TG	GTT	CAC	-CAT	CT	GGT	GTTT	AC	---	C	AAT	GT	----	CTA				
		Section 972																																			
		(93217)	93217	93225	93236	93247	93258	93269	93280	93291	93312																										
T4 NC_000866.4	(92964)	TTA	ATTTA	GAG	CTAAA	TCA	AAGT	GG	AGG	TAT	TAA	AC	AG	CGT	TTAAC	-CG	TTA	TG	AAA	CT	TCCAT	TGGT	TC	GAT	TGA	TAT	TTC	CT	T	C	GAG	TAT	TAA				
SARS-CoV-2 NC_045512.2	(10443)	TGA	G	---	GCC	CA	ATT	TCA	CTA	TAA	AGG	GT	TC	ATT	C	-----	C	---	TTA	ATG	GTT	CA	TGT	GGT	TAG	TGTT	GTTT	TA	--	AC	ATA	GAT	TAT	G	ACT		
		Section 973																																			
		(93313)	93313	93324	93335	93346	93357	93368	93379	93390	93408																										
T4 NC_000866.4	(93059)	GGT	CAAA	TC	AAA	---	GATA	AT	CA	ACT	TCA	AT	CGA	AT	CT	TAA	A	TGGA	AT	CGTC	GG	TG	AAA	AC	ACT	TC	AT	CT	GG	CTTA	AG	AG	CG	AATG	TTT	CAT	TGG
SARS-CoV-2 NC_045512.2	(10521)	GT	GTC	--	TC	TTTTT	GTTAC	AT	G	CAC	CATA	--	TG	GAAT	TAC	CAAC	TGGA	GT	TCAT	GCTG	-GCA	-----	CAG	ACTTA	GAG	AG	GT	AAC	TTTT	AT	TGG						

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												Section 974																														
	(93409)	93409		93423		93434		93445		93456		93467		93478		93489		93504																								
T4 NC_000866.4	(93152)	TTAAACCA	AAT	TGTTG	GAAC	T--GATT	CTAG	GGTGG	ACAA	CC	TTCT	CTC	CTGGGT	CT-CT	TTTAA	ACCGA	--GTTT	CTAC	--AATTG	-AAAC	CTT																					
SARS-CoV-2 NC_045512.2	(10603)	-----	ACC	TTTG	---T	GTAC	AGG	CAAC	AGC--	ACAA	G	CAG	CTGG	TAGG	ACAC	AACT	ATTAC	AGTT	AAT	GTTT	TAGC	TTGG	TTG	T	ACG	CT	G															
												Section 975																														
	(93505)	93505		93511		93522		93533		93544		93555		93566		93577		93588		93600																						
T4 NC_000866.4	(93240)	CTGTT	TC	AGG	CTTGA	AT	AAC	GTG	TTC	AA	AAC	CT	ACA	AGTAG	AG	TTGG	TAAT	AC	AGCGC	AGG	AAT	TAAA	GGGC	AAG	T-T	GTA	GCG	TTA	AAAT	AC	T											
SARS-CoV-2 NC_045512.2	(10686)	CTGTT	AT	AAAT	TGGAG	A	A	AGGT	GGT	TTC	TC	AA	T	C	A	TTT	ACC	ACA	ACT	CT	TAAT	GAC	TTT	--A--	ACC	T	TGT	GGC	T	AT	GAA	-GTA	CAA	TTA	TGA	AC	C					
												Section 976																														
	(93601)	93601		93610		93621		93632		93643		93654		93665		93676		93696																								
T4 NC_000866.4	(93335)	TTAGT	AA	TG	GA	ACTA	AT	CCA	AA	CG	GTT	CA	ACT	GTT	GA	AG	AGCG	GG	AT	TAA	CCA	ATT	CAAT	AAAA	G	CT	TA	AC	GA	AA	C	TA	AC	AT	TGC	AT	CA	GT	T	T	ACA	
SARS-CoV-2 NC_045512.2	(10777)	TCTAAC	ACAA	GA	-----	CCA	T	GTT	GAC	AT	ACT	TAG	GAC	CTCT	TTT	CT	GC	TCAA	-----	A	CTG	AA	TT	GC	CG	TTTT	AGA	TAT	TGT	TGC	T	CA	T	T	AAA	AA						
												Section 977																														
	(93697)	93697		93709		93720		93731		93742		93753		93764		93775		93792																								
T4 NC_000866.4	(93431)	CAA	GAA	GTGA	ATA	CAG	CT	AAA	G	CA	AT	AT	CTT	CTT	TAC	AA	GGT	GAT	GT	TCA	-AG	CT	CT	CCA	AGA	AG	CC	GGT	T	TAT	T	CT	GA	AG	CT	CCA	AG	GA	A			
SARS-CoV-2 NC_045512.2	(10862)	GAA	TTA	-----	CTG	CA	AAA	T	G	T	AT	GA	AT	GG	AG	CT	-AC	CA	--	TAT	TG	GGT	AGT	GCT	TT	TATT	AGA	AG	AT	GAA	TTT	TAC	AC	CCT	TTT	GAT	T	GTT	--	GT		
												Section 978																														
	(93793)	93793		93808		93819		93830		93841		93852		93863		93874		93888																								
T4 NC_000866.4	(93526)	TGG	CAA	GCT	TAC	GTT	CG	TAA	AGAT	GG	CG	AA	TGG	GTAT	T	CC	TTT	CT	AC	TTTT	T	ATCA	CC	AG	CATA	-AC	AT	GG	GG	CC	GCA	AGG	CCC	AA	AGG	ATT	T					
SARS-CoV-2 NC_045512.2	(10945)	TAG	CAA	TGC	T	CAG	GT	T	ACT	TTT	--	CC	AA	AGT	GC	AGT	GAAAA	-GA	ACA	----	ATCA	AGG	T	AC	AC	AC	CACT	GG	TT	GTT	ACT	CAC	AA	TTTT	GACT	T						
												Section 979																														
	(93889)	93889		93896		93907		93918		93929		93940		93951		93962		93973		93984																						
T4 NC_000866.4	(93621)	TAA	AT	G	T	CAG	GAT	T	AA	TCC	TC	AGA	ATC	CAA	AG	GAA	CT	CAA	AGAT	T	GT	CA	TT	-C	TA	AGA	CGT	T	TAG	GGG	CT	CAA	TT	ATTA	ATG	TT	GAG	TTA	AC	AC	C	
SARS-CoV-2 NC_045512.2	(11033)	TC	ACT	TTT	TAG	T	-TT	TAG	TCC	AG	AGT	ACT	CAA	T	-G	GT	CT	TT	TG	TCT	TT	TTT	TT	TG	TAT	G	AAAT	T	GC	CT	TTTT	TAC	CT	TT	TG	CT	ATG	G	-GT	ATTA	TTG	CT
												Section 980																														
	(93985)	93985		93995		94006		94017		94028		94039		94050		94061		94080																								
T4 NC_000866.4	(93716)	CGA	TC	AAA	TTT	ACG	AT	TG	TAT	CCA	G	CGT	GC	C	TA	GAAT	TATA	-CGG	T	GAAT	TACCA	TTTTG	AT	GGAC	TC	AA	TAA	AGGT	TT	TC	-AT	GT	TTTT	TAT	GT	A						
SARS-CoV-2 NC_045512.2	(11126)	ATG	TC	TGC	TTT	TGC	AA	TG	ATG	TTT	GT	CAAA	CATA	AG	CA	T	GCA	TTT	CT	CTG	TT	TGT	TTTTG	T	TAC	CT	TC	T	TGCC	AC	TG	TAG	CT	TAT	TTTT	A	TAT	G				

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																	Section 981																																									
	(94081)	94081		94094		94105		94116		94127		94138		94149		94160		94176																																								
T4 NC 000866.4	(93810)	GGGGAT	GATGAA	GAAAG	G----	TACAA	GACCGGA	GTCTTC	GATTTA	AAGA	GGTTCTA	ACGTAT	TGCA	AGTAACC	CGCA	TTTTAC	GCAC	AAATAT	TG																																							
SARS-CoV-2 NC_045512.2	(11222)	GTCTAT	ATGCCT	GCTAG	TTGGGTG	ATGC	GATTAT	GACAT	TGGTT	TGGATAT	GGTTGAT	AC----	T---	AGTTTGT	CTGG	TTTTA	AGCTA	AAAG	ACTG																																							
																	Section 982																																									
	(94177)	94177	94182		94193		94204		94215		94226		94237		94248		94259		94272																																							
T4 NC 000866.4	(93901)	GGT	CAATAACATC	TATG	GATG	GAAAC	GCTAC	ATATCC	GTG	GT	TTACT	GA-	CTTTCT	TTTTAG	GAA	TGG	CTG	GTAT	TAATG	-GC	GGAAT	TG	GGA	AC	GT	C																																
SARS-CoV-2 NC_045512.2	(11311)	TGT	-----	TATG	TATG	CA	TCA	GCT	GTA	----	GTG	--	TTACT	AA	T	C	TTAT	GAC	AGC	AA	GAA	CTG	TGTA	T	ATG	ATG	GT	G	TC	T	AGG	GA	GT	G																								
																	Section 983																																									
	(94273)	94273		94281		94292		94303		94314		94325		94336		94347		94368																																								
T4 NC 000866.4	(93995)	TTG	TAA	TAG	AT	TTTAT	TGGACCA	AATG	CCT	TG	GAG	CT	GA	TTTA	GGAT	AT	TTTA	CCCAG	CTTACC	AGTTAT	TATGG	GA	AT	AT	GCA	AGA	TAT--	G	C	T	C																											
SARS-CoV-2 NC_045512.2	(11390)	TGG	AC	CTT	AT	-----	G---	AATG	TCT	-TG	ACA	CT	CG	TTTA	TAA	-AG	TTTA	TTAT	G	GT	----	AA	TG	CT	T	AG	--	AT	CA	AG	C	ATT	T	CC	AT	G	T	G	G																			
																	Section 984																																									
	(94369)	94369		94380		94391		94402		94413		94424		94435		94446		94464																																								
T4 NC 000866.4	(94089)	T	CTC	C	TAT	TCC	AGACT	TT	TGG	T	TAA	T	CAG	CA	AA	TG	AA	CAG	CTC	AAA	GTC	ATG	GG	AA	ACT	T	CA	AAA	AT	TG	AT	TT	A	AT	TAT	C	GT	T	GA	AAG	C	TG	G															
SARS-CoV-2 NC_045512.2	(11468)	G	CTC	T	TAT	AAT	CTCTG	TT	ACT	T	CTAA	CT	ACT	CA	GG	TG	T	AG	T	TACA	AA	CT	GTC	ATG	TTTT	TGGC	CAG	AG	G	TAT	TG	T	TTT	AT	GT	GT	GT	T	GA	G	TAT	TG	C															
																	Section 985																																									
	(94465)	94465		94479		94490		94501		94512		94523		94534		94545		94560																																								
T4 NC 000866.4	(94185)	A	CTA	AA	T	CA	T	CA	T	TG	A	T	ACA	AA	CA	AA	AT	GG	TTG	GA	AT	A	CAG	TAG	GA	TAT	G	AA	CA	G	T	CG	TCC	ACA	AG	A	TAG	C	TGG	T	-CAT	TT	AT	C	TG	AA	-CG	AT										
SARS-CoV-2 NC_045512.2	(11564)	C	CTA	TT	T	CT	T	CA	T	AAC	T	GG	T	AA	T	AC	CT	TC	AG	T	ATA	A	TG	C	TAG	TT	TAT	T	G	TTT	CT	TAG	G	CTA	TTTT	TG	T	ACT	TG	T	ACT	TT	GG	C	CT	CTTT	TG	T										
																	Section 986																																									
	(94561)	94561	94567		94578		94589		94600		94611		94622		94633		94644		94656																																							
T4 NC 000866.4	(94279)	ATA	ATA	AA	CC	AG	AC	CAC	AA	T	T	AG	T	AGG	TC	G	TG	T	G	T	CGG	CC	AG	A	T	CC	GA	A	T	TG	T	TA	A	AC	AGG	G	TG	C	T	T	A	T	A	T	CG	TT	GGG	-T	GA	A	G	ACT	AT					
SARS-CoV-2 NC_045512.2	(11660)	T	T	ACT	CA	CC	G--	CT	AG	TT	T	AG	AC	TG	AC	TC	T	TG	T	G	T	TT	AT	G	ATT	A	CT	T	AG	T	TC	T	AC	AC	AGG	AG	TT	T	AG	AT	ATA	T	G	AA	TT	C	AC	AG	GG	ACT	ACT	CC						
																	Section 987																																									
	(94657)	94657		94666		94677		94688		94699		94710		94721		94732		94752																																								
T4 NC 000866.4	(94374)	G	CA	A	CA	G	C	T	T	TAG	C	A	CG	CC	A	CCA	AG	G	T	A	TG	ATG	C	T	C	CGG	G	CGG	TGT	TAC	--	A	AT	T	G	AT	G	G	-G	C	AG	C	G	C														
SARS-CoV-2 NC_045512.2	(11754)	C	AC	CA	AG	AA	TAG	C	AT	A	G	--	AT	G	--	C	CT	T	CA	AA	C	-T	CA	CA	AT	T	AA	AT	T	G	T	T	G	G	TG	T	G	T	G	T	G	G	CA	AA	C	CT	TGT	AT	CA	AA	AG	TAG	CC	ACT	GT	AC	AG	T

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																		Section 988
	(94753)	94753		94765		94776		94787		94798		94809		94820		94831		94848
T4 NC_000866.4	(94467)	T	TAA	T	A	G	A	G	A	A	G	C	C	A	G	A	T	T
SARS-CoV-2 NC_045512.2	(11844)	C	TAA	A	A	A	A	A	A	G	C	A	T	A	G	A	T	T
																		Section 989
	(94849)	94849		94864		94875		94886		94897		94908		94919		94930		94944
T4 NC_000866.4	(94561)	A	C	T	T	A	T	G	C	T	A	A	A	A	A	C	C	G
SARS-CoV-2 NC_045512.2	(11933)	C	A	A	T	G	T	C	T	A	A	A	A	A	A	C	C	G
																		Section 990
	(94945)	94945		94952		94963		94974		94985		94996		95007		95018		95040
T4 NC_000866.4	(94654)	-	A	A	T	A	A	A	A	A	A	A	A	A	A	A	A	A
SARS-CoV-2 NC_045512.2	(12025)	C	A	T	G	C	A	T	A	A	A	A	A	A	A	A	A	A
																		Section 991
	(95041)	95041		95051		95062		95073		95084		95095		95106		95117		95136
T4 NC_000866.4	(94748)	A	T	G	T	T	T	C	-	-	C	C	T	G	A	T	T	T
SARS-CoV-2 NC_045512.2	(12110)	A	T	G	T	T	T	C	-	-	C	C	T	G	A	T	T	T
																		Section 992
	(95137)	95137		95150		95161		95172		95183		95194		95205		95216		95232
T4 NC_000866.4	(94841)	A	T	G	A	A	G	A	G	A	G	A	G	A	G	A	G	A
SARS-CoV-2 NC_045512.2	(12203)	T	T	G	A	A	A	G	A	G	A	G	A	G	A	G	A	A
																		Section 993
	(95233)	95233	95238		95249		95260		95271		95282		95293		95304		95315	95328
T4 NC_000866.4	(94933)	G	T	T	A	G	G	A	A	A	A	A	A	A	A	A	A	A
SARS-CoV-2 NC_045512.2	(12274)	G	A	T	G	G	T	G	A	T	C	A	A	A	A	A	A	A
																		Section 994
	(95329)	95329		95337		95348		95359		95370		95381		95392		95403		95424
T4 NC_000866.4	(95078)	T	T	A	T	C	A	A	T	T	A	T	T	A	T	T	A	T
SARS-CoV-2 NC_045512.2	(12366)	T	C	A	T	A	T	C	A	A	T	T	A	T	T	A	T	T

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		Section 995									
		(95425)	95425	95436	95447	95458	95469	95480	95491	95502	95520
T4 NC_000866.4	(95120)	AAGGA	ATTAA	CATTCC	GAATT	TAG----	TGAATT	AGAATT	AAATG	CTGTTC	GC
SARS-CoV-2 NC_045512.2	(12455)	CTTAC	AACAG	CAGC	CAACTAA	TGGTT	GTCATA	CCAGAC	TATAA	CAATATA	AAATAC
		Section 996									
		(95521)	95521	95535	95546	95557	95568	95579	95590	95601	95616
T4 NC_000866.4	(95211)	TGAA	GATG	ATCA	AAATTA	TTCT	GAGCT	AAAGAA	T--AC--	GTTGAA	---
SARS-CoV-2 NC_045512.2	(12549)	TGTG	GGAAT	GC	CAAGG	TTGT	AGATG	CAAGAT	AGTAA	ATTGTT	CAA
		Section 997									
		(95617)	95617	95623	95634	95645	95656	95667	95678	95689	95712
T4 NC_000866.4	(95292)	ATCT	AGCC	CAATTT	GACATG	ATTC	ATGGAT	TAA	TAAAT	ATTAT	ATAA
SARS-CoV-2 NC_045512.2	(12645)	TGT	TAAC	AGC	TTTAA	GGGCC	AAATTC	TGCTG	TCAA	ATTACA	GAATA
		Section 998									
		(95713)	95713	95722	95733	95744	95755	95766	95777	95788	95808
T4 NC_000866.4	(95385)	AATTC	GTCT	TTTAG	ACGAT	ATGCTA	CCTTG	ATGG	CGATT	TGTTT	CA
SARS-CoV-2 NC_045512.2	(12740)	ACAC	AAA	CTG	CTTG	CACTG	ATGACA	-----	ATGCG	TTAGC	TAC
		Section 999									
		(95809)	95809	95821	95832	95843	95854	95865	95876	95887	95904
T4 NC_000866.4	(95480)	TGTT	CTAT	TACG	TATG	--CAT	CAAAG	GAACA	CTTTA	---TG	ATG
SARS-CoV-2 NC_045512.2	(12825)	ATTT	ACAG	GA---	TTTG	AAATG	GGCTA	GATTC	CTAAG	AGTG	ATG
		Section 1000									
		(95905)	95905	95920	95931	95942	95953	95964	95975	95986	96000
T4 NC_000866.4	(95571)	GAAA	--CT	ATCT	ACCTC	GTA	TAA--	ATT	TACAT	TTAG	TTT
SARS-CoV-2 NC_045512.2	(12915)	CAG	ACA	CACC	TAAAG	TCCTA	AGTGA	AGTAT	TTTATA	CTTT	ATT
		Section 1001									
		(96001)	96001	96008	96019	96030	96041	96052	96063	96074	96096
T4 NC_000866.4	(95662)	AAAA	--AG	GTG	CACTT	CTGTAG	TATC	GCA	GTA	TAA	TCC
SARS-CoV-2 NC_045512.2	(13009)	CAC	AGT	ACGT	CTACA	AGCTG	G--TA	ATG	CAAC	AGAG	TGCCTG

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										Section 1002
	(96097)	96097	96107	96118	96129	96140	96151	96162	96173	96192
T4 NC_000866.4	(95753)	TATGTTTC	AAATAGTTGAAC	-AGATTC	TCCATATTTT	CAACC--TCATT	TAAACACTA	TGTACGAGCAGTT	TGGAAATGAT	TATTC
SARS-CoV-2 NC_045512.2	(13096)	TAAAGCTT	ACAAAGATTATC	TAGCTAGT	TGGGGGACAAC	CAATCAC	TAAATTGTGT	TAAGATGT	TGTGTACACAC	TGGTAC
										Section 1003
	(96193)	96193	96206	96217	96228	96239	96250	96261	96272	96288
T4 NC_000866.4	(95846)	AAGGGATAT--T	AAATTGTACT	GATGTCTGCT	TGCTATAGAC	GAAGCTATAG	TGTTGGGATAAT	TTA-TCTCGT	CGTAGAATTGAATGG	TCATTAA
SARS-CoV-2 NC_045512.2	(13191)	CAGTTACACCGG	AAGCCAAATG	GATCAAGAA	TCCTTTGGTG	TGCA	TCGTGT	TGTCTGTACT	TGCCGTG	CCATAGATCATCCAAA
										Section 1004
	(96289)	96289	96294	96305	96316	96327	96338	96349	96360	96371
T4 NC_000866.4	(95939)	A----	TTTGAAGTAAAT	TGGATGGAT	GTATCCTC	CAGTAGAT	TGATGCAGAAGGATT	AAATTC	GTACTACTTATACAG	--ATTTTAC
SARS-CoV-2 NC_045512.2	(13287)	GATTTT	TGFGACT	FAAAGG	---TAAGTAT	GTACAAATA	CCATA-----C	AACTTGTG	CTAATGACC	CTGTGGGTTTAC
										Section 1005
	(96385)	96385	96393	96404	96415	96426	96437	96448	96459	96480
T4 NC_000866.4	(96079)	AGATTTGC	CTGACGGCGAA	GGTGT	TTTGAATCTGT	CGATAGC	GAAGTTGT	TCCTC	GAGATATTGACCC	---AGAAGAC
SARS-CoV-2 NC_045512.2	(13365)	ACA-CAGT	CTGTACCGTCT	CGGTAT	GTGGAAGGT	TATGGCT	GTAGTTGT	G-ATCA	ACTCCGC	GAACCCATGCTTC
										Section 1006
	(96481)	96481	96492	96503	96514	96525	96536	96547	96558	96576
T4 NC_000866.4	(96122)	ACAAAC	TTTCAC	TAGTAAATGTA	ATA-GAC	CAACACCG	CAGAACCTCCT	GGCC	CAAGAACATAGAGGTTAT	TATGGAAGGTCTTGATA
SARS-CoV-2 NC_045512.2	(13457)	TCGTTT	TTAAACGG	GTGTGCGGTG	TAGTGCAG	GCCTTAC	ACCGTG	CCGCA	CAGGCAC	T-AGT---AC
										Section 1007
	(96577)	96577	96591	96602	96613	96624	96635	96646	96657	96672
T4 NC_000866.4	(96217)	ACTTTT	AGATATTT	CTGACCTCCCC	GGAATGACGG	GGAGGAAA	TCAAAGTG	TATGAAC	CTCTGCAAT	TAGTAGAAG
SARS-CoV-2 NC_045512.2	(13539)	GGCTTT	TGACATCT	TACAA	TGATAAAG	TAGCT	-----GG	TTTTTGC	TAAATCC	TAAAAC
										Section 1008
	(96673)	96673	96679	96690	96701	96712	96723	96734	96745	96756
T4 NC_000866.4	(96312)	ACCGTAC	TCCAGAC	TTAGAA	GATGATTA	TGGA	GTAGTTCGTC	GAAATATGCA	TTTTCAG	CAACAA
SARS-CoV-2 NC_045512.2	(13624)	G-----A	TGACAA	TATAATT	GATTC	TTA	CTTTGTAGTT	AAGA	GACAC	CTT-TCTCTAAC
										Section 1009
	(96756)	96756	96768							
T4 NC_000866.4	(96312)	ACCGTAC	TCCAGAC	TTAGAA	GATGATTA	TGGA	GTAGTTCGTC	GAAATATGCA	TTTTCAG	CAACAA
SARS-CoV-2 NC_045512.2	(13624)	G-----A	TGACAA	TATAATT	GATTC	TTA	CTTTGTAGTT	AAGA	GACAC	CTT-TCTCTAAC

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		Section 1009									
		(96769)	96769	96778	96789	96800	96811	96822	96833	96844	96864
T4 NC_000866.4	(96408)	A G A C A G C A A A G A A T G C T G A T T C T C C T C G T C A C A -- T G G A A G T A T T T G C A A C T C T T A T G G G C C A A T G A C T A C G A C G A A C A G A G A A A T A C T G A A G C T									
SARS-CoV-2 NC_045512.2	(13714)	- G A T T G T C C A G --- C T G T T G C T A A A C A T G A C T T C T T T A A G T T T A G A A T A G A C --- G G T G A C A T G - G T A C C A C - - A T A T A T C A C G T C A A C G T C T									
		Section 1010									
		(96865)	96865	96877	96888	96899	96910	96921	96932	96943	96960
T4 NC_000866.4	(96507)	T C A T A A A G A T A T G A A A G - A C A T T A C A T C T G A G C A G G T T G G C A C C A A A G G C G C T G T T C C T A C A G G T C A A A T G A A T A T T C A G A A T G C G A C A G - T A T T C									
SARS-CoV-2 NC_045512.2	(13797)	T A C T A A A T A C A C A A T G G C A G A C C T C G T C T A T G C T T T A A G G C A T T T T G A T G A A G G T A A T T G T G A C A C A T T A A A G A A A T A C T T G T C A C A T A C A A T T G									
		Section 1011									
		(96961)	96961	96976	96987	96998	97009	97020	97031	97042	97056
T4 NC_000866.4	(96596)	A T G G G T T C A C C A A C A G A A T T A A T G G A C G A A A T T G G T G A T G C T T A C G A G G C T C A A G A A G C T C G T G A G A A G G T G A T A A A T G A A C A A C C G A T T A A T G T									
SARS-CoV-2 NC_045512.2	(13893)	T T G T G A T G A T G A T T A T T - T C A A T A A A A A G G A C T G G - - - - - T A T G A T T T T G T A G A A A A C C A G A T A T A T T - A - - - - - C G C G T A T A C G C C A C T T A									
		Section 1012									
		(97057)	97057	97064	97075	97086	97097	97108	97119	97130	97141 97152
T4 NC_000866.4	(96697)	A T T A A A T G A T T T C - - C A T C C G T T A A A T G A A G C T G G A A A A A T T T T A A T A A A A C A C C C A A G C T T A G C G G A A A G A A A A G A - T G A A G A T G G A A T T - C A T T									
SARS-CoV-2 NC_045512.2	(13975)	G G T G A A C G T G T A C G C C A A G C T T T - - - - - G T T A A A A A C A G T A C A A T T - - - C T G T G A T G C C A T G C G A A A T G C T G G T A T G T T G G T G T A C T G A C A T T									
		Section 1013									
		(97153)	97153	97163	97174	97185	97196	97207	97218	97229	97248
T4 NC_000866.4	(96784)	G G A T A A A A T C T C A G T G - G G A T G G A A A A T G G T A T C C T G A A A A A T T C A G T G A T T A C C T T C G T - C T A C A C A A A A T A G T A A A A A T T C C A A C A A - - C T C T									
SARS-CoV-2 NC_045512.2	(14061)	A G A T A A - - T C A A G A T C T C A A T G G T A A C T G G T A T G A T - - - - - T T C G G T G A T T C A T A C A A A C A C G C C A G G T A G T G G A G T T C C T G T T G T A G A T T C T									
		Section 1014									
		(97249)	97249	97262	97273	97284	97295	97306	97317	97328	97344
T4 NC_000866.4	(96876)	G A T A A G C C T G A A T T A T T T C A A A C T T A T A A A G A T A A G A A T A A T A A A A G A T C T C G G T A T A T G G G T C T - - T C C T A A C T T G A A A C G A G C T A A T A T T A A A A									
SARS-CoV-2 NC_045512.2	(14149)	T A T T A T T C A T T G T T A A T G C C T A - - T A T T A A C C T - - - - - T G A C C A G G G C T T T A A C T G C A - G A G T C A C A T G T T G A C A C T G A C T T A A C A A A G C C T T A C A									
		Section 1015									
		(97345)	97345 97350	97361	97372	97383	97394	97405	97416	97427	97440
T4 NC_000866.4	(96970)	C A C A A T G G - A C T C G T G A A A T G G T T G A G G A A T G G A A A A A T G C C G A G A T G A T A T T G T - - T T A T T T T T G C A G A A A C A T A C T G T G C C A T T A - - - C T C A T A									
SARS-CoV-2 NC_045512.2	(14237)	T T A A G T G G G A T T T G T T A A A A T A T G A C T T C A C G G A A G A G A G G T T A A A A C T C T T T G A C C G T T A T T T T T - - - - - A A A T A T G G G A T C A G A C A T A C C A C C									

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SARS-CoV-2 & T4.apr

												Section 1023																																																
	(98113)	98113	98120	98131	98142	98153	98164	98175	98186	98197	98208																																																	
T4 NC_000866.4	(97723)	AACAT	TACTGC	AGCGTTTGA	AGGGACTT	CTGGT	ACAT	TAA	ATTT	CAGG	AATGAAA	T	AGCT	GT	TATG	GAT	TTTATT	GAAG	T	AAAC	ACC	AGAT	GAT	CAT	G																																			
SARS-CoV-2 NC_045512.2	(14929)	AACCT	T-----	AGACAAATC	AG-----	CTGGT	-TT	TCC	ATTTA	ATA	AATG	GGG	T	AAG	--	GCTA	--	GAC	TTTATT	ATGA	T	TCA	ATG	AG	-TT	AT	G	AGG																																
												Section 1024																																																
	(98209)	98209	98219	98230	98241	98252	98263	98274	98285	98304																																																		
T4 NC_000866.4	(97819)	GTTTT	AC	CAATTT	TAA	AAAA	CT	GAAC	CAG	ATA	G	AAAA	TAT	TG	CAACT	CTAG	AT	TG	CT	CAG	A	AGGTCGTGGG	CAA	GATT	ACC	CACGC	TTT	G	CAT	A																														
SARS-CoV-2 NC_045512.2	(15008)	-----	AT	CAA	GAT	TGCA	A---	CT	TTTCG	CAT	ATA	C	AAAA	CG	TA	ATG	T-----	C	AT	CC	CT	ACT	A	TA-----	ACT	CAA	ATGA	AT	C---	T	TAA	G	TAT	G																										
												Section 1025																																																
	(98305)	98305	98318	98329	98340	98351	98362	98373	98384	98400																																																		
T4 NC_000866.4	(97915)	TT	ATT	GAT	TG	TT	ACT	GAT	GAT	G	TGT	G	GGAAC	AG	GT	TGGT	G	T	T	TGCAT	T	CAA	AC	ACT	AT	TT	CTC	AT	TT	AATTC	T	AC	CT	TGACAT	CGTT	A	TGCG	TT	ATT	T																				
SARS-CoV-2 NC_045512.2	(15080)	CC	ATT	AG	TG	CA	A	AGA	AT	AGA	G	CTC	G	CACCG	TAG	C	TGGT	G	T	C	TATC	T	G	T	AGT	ACT	AT	GAC	CA	AT	AG	AC	AGT	TT	CAT	-----	C	AAAAA	TT	ATT	T																			
												Section 1026																																																
	(98401)	98401	98406	98417	98428	98439	98450	98461	98472	98483	98496																																																	
T4 NC_000866.4	(98011)	TAGTA	GAA	TA	CAAT	GAAT	GCC	CAG	TTT	AT	ATT	GA	AT	TA	AA	TAG	GTA	CTGGT	G	T	G	AGT	T	G	CA	AA	AT	C	GCT	TT	A	TATGG	AT	-TT	AGA	AT	ACG	A	AGG	T																				
SARS-CoV-2 NC_045512.2	(15168)	-----	GAA	AT	CAAT	AGCC	GCC	-	ACT	--	AG	A	-	G	AG	-	G	A	G	C	T	A	G	T	A	A	T	T	G	A	A	C	AAG	CAAA	TTT	C	TATGG	TGG	TT	G	C	A	A	C	A	T	G	T												
												Section 1027																																																
	(98497)	98497	98505	98516	98527	98538	98549	98560	98571	98592																																																		
T4 NC_000866.4	(98106)	GTT	AT	CTG	CGATT	CA	TATA	C	TGAT	TT	TAG	GA	A	TGAAA	CAAA	CT	AA	AC	G	CACGAA	AGCAG	T	AGGAT	GT	TCC	ACGC	T	AAA	AG	ACCT	TAT	TG	AAA	AA	GAT																									
SARS-CoV-2 NC_045512.2	(15246)	AAA	AA	CTG	TT-----	TATA	G	TGAT	G	TAG	AA	ACCCT	C	-	AC	CT	A	TG	G	GT-----	T	G	GAT	TA	TCC	TAAAT	TGTG	AT	AGAG	CCA	TG	CCT	AA	CAT																										
												Section 1028																																																
	(98593)	98593	98604	98615	98626	98637	98648	98659	98670	98688																																																		
T4 NC_000866.4	(98202)	AA	GCTTA	TT	ATT	CAT	-	CAC	C	GAGC	G	ACTA	TT	C	AAG	--	AA	TT	TAG	AACGT	TT	AGT	G	AAA	A	AG	GC	G	TGTC	TT	GGG	CG	G	CT	G	AAGA	AG	G	TTA	T	CAT	GAC																		
SARS-CoV-2 NC_045512.2	(15327)	--	GCTTA	GA	ATT	ATGG	C	CT	C	ACTT	G	TTCT	T	G	C	T	C	GA	AA	CA	T	A	C	AACGT	G	T	GT	----	A	--	G	CT	TGTC	--	AC	AC	CG	TT	T	CTAT	AG	TTA	G	C	TAAT	G														
												Section 1029																																																
	(98689)	98689	98703	98714	98725	98736	98747	98758	98769	98784																																																		
T4 NC_000866.4	(98295)	GAT	TT	TAG	T	AAT	GT	CTT	AGT	G	A	TTT	T	TG	G	ATG	G	T	TAT	C	AACG	C	AGT	C	AAA	AA	TT	T	ATT	G	ATTAT	G	CGGA	T	AA	AGAT	G	A	CAT	G	C	ATT	A	GCAT	C	T	---													
SARS-CoV-2 NC_045512.2	(15413)	AG	T	G	T	G	C	T	CA	AGT	TTT	AGT	G	AA	T	TG	G	T	C	AT	G	T	G	G	G	T	C	A	T	A	T	G	TTA	AA	ACC	AGG	TG	G	AACCT	C	A	T	C	AG	G	A	T	G	C	A	CA	A	C	T	G	C	T	A	T	G

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											Section 1030																														
	(98785)	98785	98791	98802	98813	98824	98835	98846	98857	98868	98880																														
T4 NC_000866.4	(98388)	G---	AGTAT	TTTTCAA	AAGAGCTTC	AGGATATG	AGCGACGACTACGCGC	CAGTTATAT	TGTG	GATT	-CGGTTCA	TTCTGC	--TG	AGTATGT	TC	-C																									
SARS-CoV-2 NC_045512.2	(15509)	CTAAT	AGTG	TTTTTAA	CA	ATTTG	TCAAGCTG	-TCA	CGGC	CA	TGTTAATG	CAC	TTTATCT	ACT	GAT	GGTAACAA	AA	ATTGC	C	GA	TA	AGTATGT	CC	GC																	
											Section 1031																														
	(98881)	98881	98890	98901	98912	98923	98934	98945	98956	98976																															
T4 NC_000866.4	(98477)	AGT---	ATCT	CATGGT	TATGTCA	ATGGTATA	AATATAT	TAAAG	CATAT	T	TAAAG	GA	-TT	AAA	AATGAC	TTT	AT---	TATCT	CC	GGC	ATTGAG	C																			
SARS-CoV-2 NC_045512.2	(15604)	AAT	TTAC	AACA	CA	GAC	TT	TATG	AGTG	TCTCT	A	TAGAA	A	TAG	AGATGT	T	GACAC	CAG	ACT	TT	GTG	AATGAG	TTT	TACGA	TAT	TT	TG	CG	TAA	A	CATTT	C									
											Section 1032																														
	(98977)	98977	98989	99000	99011	99022	99033	99044	99055	99072																															
T4 NC_000866.4	(98564)	TCAA	AGA	AAC	TAC	GGT	TCAA	AG	CAC	C-----	GT	AG	TT	-AATA	--	ACT	-----	CT	ACT	GGT	AC	AG	CA	GCT	TT	TGGCCGGT	AA	ATT	CC	AGT	GG	GGT									
SARS-CoV-2 NC_045512.2	(15700)	TCAA	T	GATGA	TAC	TCT	TCTGA	CG	ATG	C	TGTTGT	GT	GT	TT	CAATA	GC	ACT	TATGCAT	CT	CAAGGT	CT	AG	TG	GCT	TAGCATAAAG	AA	CTT	TA	AGT	CAG	TT										
											Section 1033																														
	(99073)	99073	99088	99099	99110	99121	99132	99143	99154	99168																															
T4 NC_000866.4	(98644)	CCT	GCT	TTT	TCA	GATT	AAACAGG	TTA	CAAA	TGAAG	T	AG	ATTTA	GT	T	AAT	ACT	TTTGG	T	CA	C	CAACCG	CT	G	AA	ACTG	CT	G	ACT	AT	TTT	ATG	TCT	GCG							
SARS-CoV-2 NC_045512.2	(15796)	CT	TTA	TTA	TCAA	AA	CA	AA	TGTTT	TTA	TGTC	TGAAG	CA	-AA	--	A	TG	T	GG	ACT	GAGAC	T	G	AC	T	--	TA	CT	AA	AGGAC	CT	CA	TG	AA	TTT	TGC	TCT	CAA			
											Section 1034																														
	(99169)	99169	99176	99187	99198	99209	99220	99231	99242	99253	99264																														
T4 NC_000866.4	(98740)	-AT	GAA	TTT	CT	--	TGC	AGT	AC	GGAA	ATGA	CT	TACG	AGTA	GT	TCGT	GCTGT	T	GATAG	AGATA	C	CG	CT	AAAA	AC	-TC	ATC	GCC	AAT	TG	CT	GGTA	AT	AT							
SARS-CoV-2 NC_045512.2	(15886)	CAT	ACA	AAT	GCT	AG	T	TAA	ACA	AG	GGT	G	ATGA	T	---	A	TGT	GT	AC	CT	T	--	C	CT	A	CC	AGAT	C	CAT	CA	AG	AAT	C	TAGGG	GCC	GGC	TG	T	TTGT	AG	AT
											Section 1035																														
	(99265)	99265	99275	99286	99297	99308	99319	99330	99341	99360																															
T4 NC_000866.4	(98832)	T	GAT	TAC	ACA	ATTTCT	ACCC	CAG	GTA	GTA	ACTA	TGC	GG	TTG	GA	--	GAT	AAAA	TC	ACGGT	C	-	AA	AT	ATGT	TT	CAGATGA	TA	TTGAAA	CT	GAA	GGT	AA								
SARS-CoV-2 NC_045512.2	(15976)	-	GAT	ATC	-----	GTA	AAAA	CAG	ATG	GTA	CACT	TAT	GAT	TTG	AA	CG	ST	TCGTG	TC	TTTAG	CT	ATAG	ATG	CT	T	ACCCACT	TA	-----	CT	AA	AC	-	A								
											Section 1036																														
	(99361)	99361	99374	99385	99396	99407	99418	99429	99440	99456																															
T4 NC_000866.4	(98925)	AAT	TAC	TGA	AGTAG	ACGC	GATG	GAAA	-A	ATT	AAG	AAA	ATT	AATA	TT	CT	ACTG	GC	AAAA	AT	-	TAC	GCT	TAA	AGC	GAA	AGA	AGT	CG	TGAAT	AT	CCA									
SARS-CoV-2 NC_045512.2	(16056)	TCC	TAA	TC	AG	GAGT	AT	GCT	GATG	TCTTTT	ATT	TGT	A	CTTAC	AATA	CATA	AGAAA	GCT	TAC	TGAT	TGAG	T	TAA	CAG	GAC	AC	AT	GT	TAG	AC	---	AT	GT	A							

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												Section 1037																
	(99457)	99457	99462	99473	99484	99495	99506	99517	99528	99539	99552																	
T4 NC_000866.4	(99019)	ACACTAGG	TTCTAACT	GGACTGCG	GAAATTTCTTCA	TCTTCCTCTGGTT	AGCTGCAGTAATAAC	TC	TTGGAAAAATT	TTAC	TGATTCTGGTA																	
SARS-CoV-2 NC_045512.2	(16149)	TTCTGTTA	TGCTTACT	AAT----	GATAACA	CTTCA	AGG-----	-----	TATTGGGA	CC	TGAGTTTATGAGGCTATGT																	
												Section 1038																
	(99553)	99553	99561	99572	99583	99594	99605	99616	99627		99648																	
T4 NC_000866.4	(99113)	TTTTATTAGC	TGAAT	TGAAATGCTG	AAGCTGCT	ATGACAGCGG	TTGACT	TTCAAGCAAA	TC	TAAAAAATAT	GGAATTTCAGGA	GTAG	TAGCGC															
SARS-CoV-2 NC_045512.2	(16214)	ACAC	ACCGCA	TACAGTCTT	ACAGGCTGTT	GGG	GCTTG--TGTTCT	TTGCAA	TTCA	CAGACT	TCATTAA	ATGTG	GTGC	TTGCATACGTAG---ACC														
												Section 1039																
	(99649)	99649	99660	99671	99682	99693	99704	99715	99726		99744																	
T4 NC_000866.4	(99209)	TTTATCCAG	GCGAATTAG	GCGAT	AAAAATTGAAATTGAAA	TCGT	ATCTAAAGCT	TGAC	TATGC	AAAAGGAG	CTTCTGCA	TTACTCC	CAATTTATCCAG															
SARS-CoV-2 NC_045512.2	(16305)	ATTCTTAT	GTTGTAAAT	GCTGTTAC	GACCATG-----	TC--	ATATCAACAT	CAC	---AT	AAATTAGT	CTTG	TCTGTTAATCC	GTATGTTT----															
												Section 1040																
	(99745)	99745	99759	99770	99781	99792	99803	99814	99825		99840																	
T4 NC_000866.4	(99305)	GTGGTG	GTACTCGTGCATC	TACTGCT	TAAAGCA	GTGT	TTGGATATG	GACCG	CAAAC	TGAT	TCACAGTAC	GCTAT	TATAGT	TCGTCGTAA	TGAT	GCTA												
SARS-CoV-2 NC_045512.2	(16385)	-----	GCAA-----	TGCTC	CAGGTTGT	GATG	TCACAGATG	TGACT	CAACTT	ACTTAG--G-A	GGTATG	AGCTAT	TTAT	TTGTAA--	ATCACA													
												Section 1041																
	(99841)	99841	99847	99858	99869	99880	99891	99902	99913	99924	99936																	
T4 NC_000866.4	(99401)	TTGTTCAA	AGCGTTGTTT	TTTCACT	TAA	GCGTGGT	TGAAAA	AGAT	TTTAC	GATAG	TAA	CATCT	ATATCG	ATGAC	TTTTTC	GC	AAAGG	TGGT	T	CAG								
SARS-CoV-2 NC_045512.2	(16461)	TA--AACC	ACCA	T	TAGT	TTTTC	ATT--GT	GTGC	TAA	TGGACA	AG	TTTTT	TGGT--	TTATAT	AAAAATAC	ATGTG	TTGGT	TAGC	GAT	AA-TGTTACTG								
												Section 1042																
	(99937)	99937	99946	99957	99968	99979	99990	100001	100012		100032																	
T4 NC_000866.4	(99497)	AATATA	TTTT	TGCAA	CTG	CA	CAAA	CTG	CCAG	AA	GGCT	TCT	CTGG	AAT	TTTAA	CTCT	TGTCT	GGTGG	AT	TAT	CA	T	CAAA	TGCT	G	AAG	TAACAG	CA
SARS-CoV-2 NC_045512.2	(16550)	ACTTTAA	---TGCAA	TG--	CAAC	ATGT	GACT	GG	ACAAAT	-G	CTGG	TGA	TTAC	ATTT	TAG	CTAAC	ACCTG	-TAC	TG	AAA	GACTC	AAG	CTTTTTT	G	CA			
												Section 1043																
	(100033)	100033	100045	100056	100067	100078	100089	100100	100111		100128																	
T4 NC_000866.4	(99597)	GGAGA	TTT	GAT	GG	AAGCT	TGG	GA	CTTCTTT	GCT	GAC	CGT	GAA	CTGT	TGAC	GTTCA	ACT	GTTT	ATTGC	AGT	TCT	TGT	GCCG	G	TGAAT	CTTTAGAA		
SARS-CoV-2 NC_045512.2	(16639)	GCAGA	AAC	GC	TCA	AAGCT	ACT	GA-----	G	GAGAC	AT	T	AAA	CTGT	CTTAT	GGTATT	-----	GCTAC	TGTAC	CGT	GAAGT	G	CTGT	CTGA				

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		Section 1044									
		(100129)	100129	100144	100155	100166	100177	100188	100199	100210	100224
T4 NC_000866.4	(99688)	A-CAGCATCTACTGTCCAAAAACACGTCGTTTCAATTGGGGATGCTCGCCAAAGATTGCTTAGTATTG-TGCTCTCC	TCCG	CGTGAAACT	GT	AGTTG					
SARS-CoV-2 NC_045512.2	(16716)	CAGAGAAATACATCTTCA	TGGGAAGT	TGGTAAACCTAGAC---	CACCACTTAACCGA-AA	TATGTC	TTTACTGG	TAT	CGTGTAACT	AA	AAACA
		Section 1045									
		(100225)	100225	100232	100243	100254	100265	100276	100287	100298	100309 100320
T4 NC_000866.4	(99787)	GAAATTCCTGTAA	CCCGTGCTGTTGATAAC	CTAGTCAAT	TGGAGAACTGCGG	CAGGTTCATACAC	CTGATAA	TAACTTTTAA	TATC	AGTTCAAC	CTATG
SARS-CoV-2 NC_045512.2	(16808)	GTA	AAGTACAA	TAGGAGA-G--TACA--	CT-----	TTGA	AAAAGTGA	C-TA	TGGTGA	ATGCTGTGTT	TACCGAGGT---ACAA
		Section 1046									
		(100321)	100321	100331	100342	100353	100364	100375	100386	100397	100416
T4 NC_000866.4	(99878)	CAGCAAT	TGATGGTAA	CCATAAGTATCAGTATGA	CAATAATAAT	TGATGTGAAT	CGTTGGGTTTC	CATTAGCAGCTG	ATATTGCT	GGTTTAT	GC
SARS-CoV-2 NC_045512.2	(16889)	A	TTAA	FGTGGTGA	TTATTTGTG	GTG-ACAT	CACATA	CAGTAATG	C-----	CATTA--AGTGC	AC---CTACAC
		Section 1047									
		(100417)	100417	100430	100441	100452	100463	100474	100485	100496	100512
T4 NC_000866.4	(99974)	GAACT	GATAACG	TATCTCAGAC	TTGGATGTCTCC	AGCTGG	TTATAAT	-CGTGG	TCA	GATCTCTAAC	GTTATTAAC
SARS-CoV-2 NC_045512.2	(16963)	C	AA	GAGCAC---	TATGTTAGAA	TT-----	ACTG	GCTTATA	CCCAACAC	TCAATA	TCTCA--G--ATG-AGT
		Section 1048									
		(100513)	100513	100518	100529	100540	100551	100562	100573	100584	100595 100608
T4 NC_000866.4	(100069)	GC	TCA	GCGCGA	CCGTTTATACC-	AAGAAGCTA	TCAACCC	GGTAACC	GGTACAGG	TGGTGA	TGGTTACGTATTGTATGGT
SARS-CoV-2 NC_045512.2	(17041)	TA	TCA	A----	AAGGTTGG	TATGCA	AA-AAGTAT	TCTACAC	TCC--AG	GGAC	CACTGGTAC
		Section 1049									
		(100609)	100609	100617	100628	100639	100650	100661	100672	100683	100704
T4 NC_000866.4	(100164)	TGTT	CCTTCT	CCATTTGAT	CGTATTAAC	GTTGTCG	TCTGT	TAAATA	TGTTGA	AAACGA	ATATCGGAC
SARS-CoV-2 NC_045512.2	(17130)	CTAC	CCTTCT	GCTCG-CAT	AGTGTATAC	-AGGTTG	CTCTCAT	TGCCGC	TGTTGA	TGCACT	ATGTGAGAGGCATT-AAAATAT--TTGCC
		Section 1050									
		(100705)	100705	100716	100727	100738	100749	100760	100771	100782	100800
T4 NC_000866.4	(100260)	AAA--C	AACGCGT	TTACTCGT	TCATTC	CGCAC	AGA	AAC	TGCCC	AGTAC	TTAC
SARS-CoV-2 NC_045512.2	(17221)	AAA	TGTAGTAGAA	TTATACCTG	CACGTGCT	CGTGT	AGAGTG	TTTTG	ATAA	TTCA	AAGTGAAT

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										Section 1051
	(100801)	100801	100815	100826	100837	100848	100859	100870	100881	100896
T4 NC_000866.4	(100354)	GTTTGC	ATACAA	TAACAC	TCCGT	CAGTA	AATTG	ATAGAA	TGAGTTT	GTGCAAC
SARS-CoV-2 NC_045512.2	(17312)	CTGTAA	ATGCA	TTGCC	TGAGAC	---GA	CAGCA	---G	ATATAG	TGCTTTT
										Section 1052
	(100897)	100897	100903	100914	100925	100936	100947	100958	100969	100980
T4 NC_000866.4	(100450)	ACC	TT--	AAAC	TT	CGT	AGCA	CTG	CTA	CTGGT
SARS-CoV-2 NC_045512.2	(17397)	CAA	TGCC	AGAT	TA	CGT	GCTAA	GCA	CTA	TGTGT
										Section 1053
	(100993)	100993	101002	101013	101024	101035	101046	101057	101068	101088
T4 NC_000866.4	(100539)	TTCGG	CAGGCC	ATAT	AAAT	CAC	TATAT	CCCTT	AA	TTCT
SARS-CoV-2 NC_045512.2	(17487)	AGA	AC	CAG	AAT	AT	TC	CAAT	CAG	TGTGT
										Section 1054
	(101089)	101089	101101	101112	101123	101134	101145	101156	101167	101184
T4 NC_000866.4	(100635)	T	TTGT	TA	GATGA	TGTAA	CAC	GAG	GT	TGAAT
SARS-CoV-2 NC_045512.2	(17578)	A	TTGT	TA	GACAC	TGTGA	---GT	GC	---T	---T
										Section 1055
	(101185)	101185	101200	101211	101222	101233	101244	101255	101266	101280
T4 NC_000866.4	(100730)	GTTCCAA	T	TA	AAG	CTAC	TGCT	CTAC	CAG	CTGGT
SARS-CoV-2 NC_045512.2	(17665)	AAGGGT	G	T	TA	TCA	CGCA	TGAT	GTTT	CATCTG
										Section 1056
	(101281)	101281	101288	101299	101310	101321	101332	101343	101354	101365
T4 NC_000866.4	(100826)	A	TT	CGA	TGAC	TGGA	CTGTT	ACAG	TAAT	GAAC
SARS-CoV-2 NC_045512.2	(17743)	A	AC	C	---TG	CT	TGGA	-----G	AAA	AGCTG
										Section 1057
	(101377)	101377	101387	101398	101409	101420	101431	101442	101453	101472
T4 NC_000866.4	(100922)	CG	AAA	T	TAC	TGG	TGGA	AAAC	CTG	---
SARS-CoV-2 NC_045512.2	(17826)	TC	AAA	C	TGT	TGA	TTC	ATC	ACAG	GCT

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											Section 1058										
	(101473)	101473	101486	101497	101508	101519	101530	101541	101552	101568											
T4 NC_000866.4	(101014)	AAATTAAAGGTCTGTGGCCTAC	TAACTGGGGTGA	CTTC	AATTAGATTGGATTCAACAA	TGAATCCA	AACTTTTGA	AGTA	AACTCTTGCT	TCTCG											
SARS-CoV-2 NC_045512.2	(17915)	-GATTTAATGTT-----GCTATTACCA-----GAGCAAAA-----GTAGGCATAC	TTGCA	T	AT	AG	CT	AT	AA	TGCTGATAGAGACCTTTATGACA											
											Section 1059										
	(101569)	101569	101574	101585	101596	101607	101618	101629	101640	101651	101664										
T4 NC_000866.4	(101110)	ATTA	TTGGGAATAA	ATGAATGGGGAGAA	TCCCAT	TCTGCTTA	AAGCAGAGAA	GTCCATTATAAAT	ATAAC	TATA	ATTC	C	CATTTGGGAGA	ATAC							
SARS-CoV-2 NC_045512.2	(17987)	AG--TTGCAATTTACAAGTCTTGA--	AA	TCCACGT--AGG--	AA	TGTGGCAACTTTACA	AGCTGAAA	ATGTAAC	AGGAC	-----TCTTT	AAAG										
											Section 1060										
	(101665)	101665	101673	101684	101695	101706	101717	101728	101739	101760											
T4 NC_000866.4	(101206)	AATGAAATTTAATGTATT	AAGTTTGT	TGCTCCAT	TGGGCTA	AAATGGACGAACG	AAATTTTAAAG	ACCAAGAAA	AAAGAA	GATCTT	GTTTC	CATTAC									
SARS-CoV-2 NC_045512.2	(18068)	ATTGTAGT--AAGGTAA	CTGGTT	-----ACATC	CTA	CA	AGGC	-----AC	---CTACA	ACCTC	---AGTGTT	GACACT	TAAATTC	AAAAC							
											Section 1061										
	(101761)	101761	101772	101783	101794	101805	101816	101827	101838	101856											
T4 NC_000866.4	(101302)	AGCCCCA	AAGCTTGATG	ATGGAGCAAGAGAA	TTTGA	AGTAAGCTCGAAT	G---AAGCTGCT	TCTCCT	TATAA	TGCTG	CATTC	CAAC	AATTT	TTTGG							
SARS-CoV-2 NC_045512.2	(18144)	T-----G	AAGGTTATGT	T-----G	TTGACAT--	AC	TGGCATACCTAAG	GACATGACCTATAGAA	AGCT	CATCTCTATGA--	TGGGTT										
											Section 1062										
	(101857)	101857	101871	101882	101893	101904	101915	101926	101937	101952											
T4 NC_000866.4	(101395)	TTCAATGAA	CCAGGAATGA	AAAC	TACTCTGT	AGCTTATTGATA	CATATC	GTAA	TC	TCA	TGAATA	ACTAT	GAA	GTAGATA	ATGC	AGTT	CAGAAAT				
SARS-CoV-2 NC_045512.2	(18218)	TTAAATGAA	TTA-----TC	AA	GTAA	TGGT	TACCTA	---A--	CAT---	GT	TATCA	CCGCGA	AGAG	GCTA	TAGAC	ATGT	ACGTG	CATGGAT			
											Section 1063										
	(101953)	101953	101959	101970	101981	101992	102003	102014	102025	102036	102048										
T4 NC_000866.4	(101491)	CGTTT	CA	GATG	CTATC	GTCTAT	GAAGAT	GA	TACT	GAAG	TCGTAG	CGTTA	AATTT	GGATAA	ATCT	AAA	TTTAGCC	CAAAAA	TTAAAA	ATAT	GATGTT
SARS-CoV-2 NC_045512.2	(18300)	TGGCT	TTC	GATG	TCGAG	GGTGT	CATGCT	ACTA	GAGA	GAAG	CTGT	TGGTACC	AATTT	-----ACC	TTTA	CAGCT	AGGT	TTT	TCTAC	AGG	-TGTT
											Section 1064										
	(102049)	102049	102058	102069	102080	102091	102102	102113	102124	102144											
T4 NC_000866.4	(101587)	AGATGAAT	TAG	TGATGT	T-TAAATCAT	CTAT	CGTTT	CAAC	GAAA	AGGTT	CTGAT	CATTTT	AGACGT	TGGTAT	TGATT	CAAGAAT	TTTCTT	TC			
SARS-CoV-2 NC_045512.2	(18385)	AACC---	TAGT	TGCTGTACC	TACAGGT	TATGT	TGATACAC	CTAA	TATA	-CAGAT	TTT	CCAGAG	TAG---	TGCTAA	AC	CA	CCGCC	TGGAGA	TC		

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										Section 1065															
	(102145)	102145	102157	102168	102179	102190	102201	102212	102223	102240															
T4 NC_000866.4	(101682)	ATAAAATC	ATTGATC	CAAAACGT	CAAAAGAGG	CATAAAAGAA	TTACGTAGATTAG	ACCCTCG	CCAAGTTC	AGTATGTT	CGTGAAATTA	TAAACAG													
SARS-CoV-2 NC_045512.2	(18473)	A-----	ATTTAAAC	CCTCATAC	CACTTAT	GTACAAAG	GACTTCCT	TGGAAT	GTAGTG	CGTAT	AA--AGAT	TGTAC--AAATGT	TAAAGTG												
										Section 1066															
	(102241)	102241	102256	102267	102278	102289	102300	102311	102322	102336															
T4 NC_000866.4	(101778)	AAAC	TGAAGCTGGC	CAAAAATAGTT	AAAGGTTT	CAAGAATAT	TTTATATAT	TGATACTG	CCCATGAGT	CATATGCAT	TGATGGT	TAGATG	TATG												
SARS-CoV-2 NC_045512.2	(18554)	ACAC	AC-----TTA	-----	AAATCTCT	TGACAGAGT	CGTATT	TGT-----	CTTATGGG	CAATG	GCTTGA	GTGT	GACATCTATG												
										Section 1067															
	(102337)	102337	102344	102355	102366	102377	102388	102399	102410	102421	102432														
T4 NC_000866.4	(101874)	AAGC	TGGCACAA	AAAAATA	AAATTT	CTAAAGCT	GGCTGCT	TATGCC	ATTCTGG	ATTAGT	CAT---	TGTGCGGT	AAAAATAT	TCATCGGGTA											
SARS-CoV-2 NC_045512.2	(18625)	AAGTA	TTTTGTG	AAAAATA	GGAC--	GTGAGC	GCACGT	GTGT	CTATG	TGATAGAC	GTGCC	ACATGCT	TTTTCCAC	TGCTTCA	AGACACT	TATGCC--TG									
										Section 1068															
	(102433)	102433	102443	102454	102465	102476	102487	102498	102509	102528															
T4 NC_000866.4	(101965)	TTTGCATC	GTGCTG	TTAAAC	CTGCTAAC	--CAAT	TAAAA--	TTATTAG	-AAGAT	GTCTGTAGT	CATT	TATCGCA	--T	TA	CTCGTGCTCCTG	ACCGTC									
SARS-CoV-2 NC_045512.2	(18717)	TTGGCATC	ATTCTATT	GGATT	TGATTAC	GTCTAT	AA	TCCGT	TTATG	ATTGAT	GTTC	CAAC	AA	TGGGG	TTT	TACAGG	-TAACCT	TACAAAGCA	ACCATG						
										Section 1069															
	(102529)	102529	102542	102553	102564	102575	102586	102597	102608	102624															
T4 NC_000866.4	(102054)	GTGTTT	GGTAT	GTAGAC	CACAGGTAAT	ATGCTG	CTCGTA	AAGCTG	TGAGCA	CATGCA	ACATGTTA	TGAAC	ACGATG	AAAA	AACC	GTG	TAGTAT	TATG							
SARS-CoV-2 NC_045512.2	(18812)	ATCTGT	TATGT	CAAGTC	CATGGTAAT	GCACAT	GTAGC	TAGTTG	TGATG	CAATCATG	ACTAGG	----	TGTCTA	-GCTG	TCC	ACGA	GTG	CTTTGT	TAA						
										Section 1070															
	(102625)	102625	102630	102641	102652	102663	102674	102685	102696	102707	102720														
T4 NC_000866.4	(102150)	ATGCAT	CAACAGG	TAAA----	ATAAAAA	ATCAACAG	C-ATA	ATA	TGTCT	ATGACC	GAA	GACTATT	TG---	GT	TG	CAGCG	CCGT	GATG	G	TAAAGCTG	T				
SARS-CoV-2 NC_045512.2	(18903)	GC	GTGTTG	ACTGG	ACTATTGA	ATA	TCCTAT	AA	TTGGTG	ATGA	AC	TGAAG	ATTA	AT	GCG	GCTTG	TAGAAA	GGTT	CAAC	ACATG	GT	TGT	TAAAGCTG	C	
										Section 1071															
	(102721)	102721	102729	102740	102751	102762	102773	102784	102795	102816															
T4 NC_000866.4	(102238)	GACAGA	AGTTGAT	ACTCTT	CC	TGGTGCT	GATAA	TAC	TGGCAA	TATGG	AAGA	TATT	CGT	TG	GT	T	TAGA	CAAGCT	C-TT	TATATG	GCA--	TT	ACG	TGT	
SARS-CoV-2 NC_045512.2	(18999)	ATTATT	AGCA	GACAAAT	TC	CA	GTCTT	CA	CGACAT	TGGTAA	CCCTAA	AAGC	TATT	AAG	TG	TG	TACCT	CAAGCT	GATG	TAGA	AT	GGA	AGTT	CTA	TGA

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											Section 1072	
	(102817)	102817	102828	102839	102850	102861	102872	102883	102894	102912		
T4 NC	000866.4	(102331)	TCCTCTTT	CACGCA	TCCGCAAG	ACCAACAAGGC	GGTGTGATG	TTTGATTTC	TGGAACTAGCATTAC	ACGTGAT---	GAATTACGG	TTTGCTAAATT
SARS-CoV-2 NC_045512.2	(19095)		TGCAAGCCTTG	---	AGTGACAAAGC	---	TTATAAAATAGAA	GAAATTATTCTA	---	TTCCTATGCCAC	ACATCTCGAC	AAATT
											Section 1073	
	(102913)	102913	102927	102938	102949	102960	102971	102982	102993	103008		
T4 NC	000866.4	(102424)	TATTCGTGAGT	TACAGCACAG	TTT--GAA	GAGTTTTCCTAGAT	CCGCTTAAACAAAT	CTTTTTCCTTAAAGG	TATAATCACAGA	AGATGAGT	G	
SARS-CoV-2 NC_045512.2	(19170)		CACAGATG-GT	GTATGCTATT	TTTGGAAATTGCA	ATGTTCGATAGAT	ATCCTGCTAA---	TCATTGCTTTGTAGAT	T---	TGACACTA-----	G	
											Section 1074	
	(103009)	103009	103015	103026	103037	103048	103059	103070	103081	103092	103104	
T4 NC	000866.4	(102518)	AATGATGAAATAAA	TAAATATTAAGAT	TAGAATTTCAT	TCGGGATAGCTAC	TTTGC	TGAGCTCAAA	GAGCAGAA	ATTTTGGAA	CGAAGAATTAA	TAT
SARS-CoV-2 NC_045512.2	(19251)		AGTGCATATC----	TAACTTAACT	TGCCTGGTTGT	TGATGGTGCAGT	TTGTA	TGTAAATAAACAT	GCAATCC	ACACACCAG	CTTTTGATAAAGT	
											Section 1075	
	(103105)	103105	103114	103125	103136	103147	103158	103169	103180	103200		
T4 NC	000866.4	(102613)	GCTAACCATGGCAGAA	C-CATTTATTGGT	TAAATATATTCTC	ACAGAACTGCTATG	AAAGACATTT	TGCAGATGACT	GATGAGAA	AGAAATAGA	ACAA	
SARS-CoV-2 NC_045512.2	(19342)		GCTTTTGTTAATTT	AAAACAATTACCATT	T-TTCTATTACTCTG	ACAGT--CATG	TGAGTCTCAT	TGGAAAACAAG	TAGTGTCTAGAT	ATAGAT	TTA	
											Section 1076	
	(103201)	103201	103213	103224	103235	103246	103257	103268	103279	103296		
T4 NC	000866.4	(102707)	GAAGCCAAGCAAT	TGAAGAGAGT	CTAAAGAGGCT	CG-TTTCCAA	GACCCGGA	CCAAGAACAGAG	GATTTTAAAT	TGGAAGGTT	TAATTGAAG--	
SARS-CoV-2 NC_045512.2	(19434)		TGTAACAATAAGT	CTGCTACGTGT	ATAACACGTTG	CAATTTAGGT	GGTGTCTGT	CTGTAGACATCAT	GCTAATGAGTAC	AGATTGTATCT	TCGATGC	
											Section 1077	
	(103297)	103297	103312	103323	103334	103345	103356	103367	103378	103392		
T4 NC	000866.4	(102800)	CTATTAAAT---	CAACGACCTCG--	TAGCG-CTC	GTAAATTA----	TTTGC	TGAAGCCAT	GGCTGC	CAAGAAC	GATTGATTTAAT	TAAAGAG
SARS-CoV-2 NC_045512.2	(19530)		TATAACATGATGA	TCTCAGCTG	GCTTTAGCTT	TAGCTTGTTGG	GTTTACAACAA	TTTGTAT--	ACTTAT	AACCTCTG	GAACACTTTTACA	AGACTTCAGAGT
											Section 1078	
	(103393)	103393	103400	103411	103422	103433	103444	103455	103466	103477	103488	
T4 NC	000866.4	(102884)	AAAATA	TCGCTAT	CGCTCGCAAT	TCTTAATCGA	AGGTGAAGAACC	TGAAGACGAGGA	TGAAGATGA	CGAAGAT	AGTGATGATAAA	GACG
SARS-CoV-2 NC_045512.2	(19624)		TTAGAA--	AATGTGGCT	TTTAAATGTTG	TAAATAAGGAC	ACTTTGA	TGGACACAGG	GGAAGTACC	AGTT-TCTATCATTA--	ATAACACTGTTT	

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												Section 1079																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	(103489)	103489	103499	103510	103521	103532	103543	103554	103565	103584																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
T4 NC	000866.4	(102980)	ACAA	AAAAG	ACGA	AGACTC	TGAC	GAGA	CGAG	GATG	AATA	ATGCTT	CTGAT	CCCT	GAAA	CTCA	TGA	ATT	AGTTC	TCGAG	GAATGT	CGA	AG	CAC	T																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
SARS-CoV-2 NC_045512.2	(19715)	ACAC	AAAAG	TTGA	TGGTGT	TGA	TG	AGA	ATTG	TTT	TGAA	-AATA	AA	CAA	CATTA	CC	TGTT	AA	TGTA	GC	ATT	T	GAGCT	TTGG	GCTAAG	CGCA	AC	AT	T																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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	(103585)	103585	103598	103609	103620	103631	103642	103653	103664	103680																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
T4 NC	000866.4	(103076)	TATT	CC	TGA	AGCA	CAGGG	T	CGCTT	TGACG	AAT	TGCT	TCTG	CTTT	AA	TAA	AGA	CGA	-TA	TAA	ATA	CA	ATT	GT	CG	AG	AAT	AT	GCT	T	-GATG	AT	GAA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
SARS-CoV-2 NC_045512.2	(19810)	AAA	-CC	AG	TAC	CA	GAGG	-	TGAAAA	TACTC	AAT	AA	TT	TGGG	TG	TGG	AC	AT	TG	CTG	CTA	ATA	CT	GT	GA	TA	CT	GG	G	ACT	AC	AAA	AG	GAG	T	GCTCC	AG	CA	C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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	(103681)	103681	103686	103697	103708	103719	103730	103741	103752	103763	103776																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
T4 NC	000866.4	(103170)	ACT	GAT	TTA	G	GG	TTG	CAT	TAGC	TTCT	TAT	TAA	TGAA	AAT	AT	GCC	GTT	AAA	TG	AA	T	T	C	---	ATCG	TT	AAA	CA	T	GTT	TC	TG	CCCG	T	GG	TG	AA	AT	T	ACT	T																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
SARS-CoV-2 NC_045512.2	(19904)	ATAT	AT	C	TA	-CT	ATTG	GT	GT	TTT	TTCT	TAT	G	AC	TG	AC	T	-	AGCC	AAG	AAA	CC	AA	C	T	G	AA	AC	GAT	TT	GT	GA	CC	AC	TC	ACT	GT	CT	TTT	TT	TG	AT	-GGT																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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	(103777)	103777	103785	103796	103807	103818	103829	103840	103851	103872																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
T4 NC	000866.4	(103263)	CG	CACT	TAA	AG	AC	C	--	GCAA	AC	GC	-----	G	TG	AA	CG	AA	TG	CAT	TT	C	AA	ACC	AC	TG	GG	CT	GT	CT	TAA	AG	CA	AAA	C	GT	AG	AC	AA	ATT	GT	CT	CG	TAA	A																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
SARS-CoV-2 NC_045512.2	(19996)	AG	AGT	TG	AT	GGT	CA	AG	TAG	ACT	TAT	TTT	TAG	AAA	TG	CC	CG	T	AA	TG	GT	TT	C	TT	ATT	AC	AG	A	---	AGG	TAG	T	GT	TT	AA	AG	GT	TT	AC	AA	---	C	CAT	C	TG	TAA	A																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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	(103873)	103873	103884	103895	103906	103917	103928	103939	103950	103968																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
T4 NC	000866.4	(103350)	GCT	A	CC	AAAA	AC	G	-AAG	ATT	GC	CA	AT	CC	AG	C	AGG	T	CA	T	C	T	CG	T	GC	-	T	CA	GC	GT	A	AG	CG	T	AAAA	AA	AG	CT	CT	T	T	AA	CG	CC	GT	AA	-GC	AT	TAG	GAT	TAA																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
SARS-CoV-2 NC_045512.2	(20086)	GG	T	C	CC	AAAA	---	C	AAG	CT	AG	T	C	TT	---	---	A	AT	GG	AG	T	C	A	T	TAA	TT	GG	AG	A	GC	CG	T	AAAA	AA	CA	AG	TT	C	AA	TT	ATT	AT	TAA	AA	GAA	AG	T	T	GAT	GG																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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	(103969)	103969	103983	103994	104005	104016	104027	104038	104049	104064																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
T4 NC	000866.4	(103443)	AG	CT	TAA	TGA	TA	ACC	CC	AATT	ACT	AAT	TG	AA	ACTT	GG	GT	CA	ACC	TGG	CG	AA	ATT	TAT	TG	AT	GG	CG	T	ACC	AAT	G	CT	TG	AA	T	CT	C	AT	GAT	TG	GAA	AA	G																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
SARS-CoV-2 NC_045512.2	(20172)	TGT	T	GTCC	AA	CAA	TTA	CC	TG	AA	ACT	T	ACT	TTT	ACT	CA	G	AG	TAG	AA	AT	T	TA	CA	GA	ATT	T	-A	---	A	ACC	C	AG	G	AG	T	CA	A	T	GG	AA	AT	TG	---	ATT																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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	(104065)	104065	104071	104082	104093	104104	104115	104126	104137	104148	104160																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
T4 NC	000866.4	(103539)	A	CTTAG	GT	TTA	AA	AC	GG	GT	T	TAT	A	CAT	CG	AA	G	AAT	ATTC	CAT	GC	AAG	CGG	AAG	T	CG	T	CA	TAG	AA	ATA	AA	CG	T	CTT	TAT	C	CA	AA	CGT	A	TAT	TAG																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
SARS-CoV-2 NC_045512.2	(20258)	T	CTTAG	AA	TTA	G	CTAT	G	-GAT	TGA	-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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	(104161)	104161	104170	104181	104192	104203	104214	104225	104236	104256																																																																			
T4 NC_000866.4	(103635)	AAA	AAGCG	GTAAAGAC	TATAT	TAA	TG	AGCAA	GTTT	TAACTA	ACAAGCT	CTCGGAG	AAT	TAAATCAT	CCTCC	ACGCGCT	TAATG	TTGACCCGAT	G																																																										
SARS-CoV-2 NC_045512.2	(20334)	AG	ATTTTA	GTCATAGTC	AGT	TAGG	TG	-----	GTTT	ACATCTA	-----	CTGATTG	GACTAGC	TAAACG	TTTT	AAGGAATC	ACCTTT	TG	AATTA																																																										
															Section 1087																																																														
	(104257)	104257	104269	104280	104291	104302	104313	104324	104335	104352																																																																			
T4 NC_000866.4	(103730)	C	AAG	CCGC	TAT	CAT	TAT	A	GA	AGA	TA	TGTGG	TGG	AAA	GG	AAAT	G	ACGT	ATA	CGGA	CGAG	CTC	GT	GTTAT	TGAAG	GTG	ACCA	TGG	TCC	TGGA	GAT	A																																													
SARS-CoV-2 NC_045512.2	(20416)	G	AAG	ATTT	TAT	TCC	TAT	G	GA	CAG	TA	CAGT	TAA	AAA	CTATT	TCATA	ACAGAT	GCG	CAA	CAG	GT	TCATC	T	AGT	GTG	TGTG	TTC	TGT	TATT	GAT	T																																														
															Section 1088																																																														
	(104353)	104353	104368	104379	104390	104401	104412	104423	104434	104448																																																																			
T4 NC_000866.4	(103824)	A	ATTA	GCAG	CTA	AAT	ATT	CG	TG	CCGGA	TGG	ATTC	C	AGG	AG	TT	CT	TCT	CGTGGAT	TAG	G	TTC	ATT	GAC	TG	ACACAAA	TGAAG	GT	A	TCG	TAT	C	G	TAA																																											
SARS-CoV-2 NC_045512.2	(20510)	T	ATTA	CTT	GAT	GAT	TT	GT	TG	AAAT	AATA	AAAT	C	CA	AG	ATT	T	TCT	G	-----	TAG	T	TTC	TAA	G	TG	-----	T	CAA	AGT	GA	C	---	TAT	T	G	ACT																																								
															Section 1089																																																														
	(104449)	104449	104456	104467	104478	104489	104500	104511	104522	104533	104544																																																																		
T4 NC_000866.4	(103920)	A	CGA	AG	GAT	T	C	AA	ATT	AACTG	TAG	GTG	TTG	ATG	C	AGT	AT	GGG	GT	CCA	AGT	GCTCC	AGATG	CAT	GGG	T	AAC	C	CT	AAGG	AAAT	TAC	C	GAAT	TCA	CAG	A																																								
SARS-CoV-2 NC_045512.2	(20591)	A	TAC	AG	AA	AT	TTC	ATT	-----	TATG	CT	TTG	GTG	TA	---	A	AGAT	G	CCAT	GT	-----	AG	AA	CAT	---	T	T	ACC	CAA	AA	T	T	CAAT	---	C	T	AG	TCA	---	A																																					
															Section 1090																																																														
	(104545)	104545	104555	104566	104577	104588	104599	104610	104621	104640																																																																			
T4 NC_000866.4	(104016)	C	G	G	C	G	A	AG	C	G	AT	T	ACAA	G	---	TG	C	G	AT	G	AC	G	C	C	T	A	A	A	A	A	A	G	C	G	T	A	T	A	A	A	A	C	A	G	G	A																															
SARS-CoV-2 NC_045512.2	(20668)	G	C	T	G	G	CA	AC	C	G	G	T	---	G	T	TG	C	---	AT	G	C	C	T	A	T	---	CT	T	T	ACA	AA	AT	G	C	---	AA	AG	AT	G	T	TA	CT	---	TC	-----																																
															Section 1091																																																														
	(104641)	104641	104654	104665	104676	104687	104698	104709	104720	104736																																																																			
T4 NC_000866.4	(104110)	CT	---	AC	AAA	ATG	CT	T	AAAG	AA	CAAC	TGA	TT	G	CC	G	AA	GC	G	AG	AA	AT	TGATG	CT	T	CCG	TTG	CT	C	TTG	A	T	AG	TAT	TTT	TC	GA	AT	CA	GT	T	AAT	ATTT	CTC																																	
SARS-CoV-2 NC_045512.2	(20741)	---	---	AAA	ATT	ATG	G	T	GA	T	AG	TG	CAAC	---	TT	ACC	T	AA	AG	GC	---	AT	AA	TGATG	AA	T	---	GT	C	G	C	---	AA	AT	TAC	TC	AA	CT	G	T	C	AAT	ATTT	AAA																																	
															Section 1092																																																														
	(104737)	104737	104742	104753	104764	104775	104786	104797	104808	104819	104832																																																																		
T4 NC_000866.4	(104205)	C	G	G	A	AGC	AAA	AG	AA	ACT	T	T	C	G	G	C	A	CTG	TAT	T	C	GA	AG	CT	A	C	G	T	C	A	A	G	CA	GC	AC	G	CCG	T	T	---	AA	TT	AG	CT	GA	AT	C	T	CA	T	A	T	C	G	C	T	A	A	A	A	T	T	G	C	T	G	A										
SARS-CoV-2 NC_045512.2	(20823)	C	A	C	A	T	T	A	C	A	T	T	A	G	C	T	G	T	A	C	C	T	A	T	A	A	T	A	T	A	T	T	T	G	G	T	G	C	T	G	T	T	C	T	G	A	T	A	A	G	G	A	G	T	G	C	A	C	A	G	G	T	A	C	A	G	C	T	G	---	T	---	T	T	T	A	A

SARS-CoV-2 & T4.apr

										Section 1093
	(104833)	104833	104841	104852	104863	104874	104885	104896	104907	104928
T4 NC_000866.4	(104299)	AAAAGCAGAAAGAGAGTAAAGAAATAAAGAAAGAGCCGAGAGAAAGCTGAGAGAGAAATCGCTGAGCAAGCTTCTAAAATTCAATTGACCATCT								
SARS-CoV-2 NC_045512.2	(20915)	GACAGTGGTTGCTTACG--GTAACGCTGCTTGTCGATTCAAGATCTTAAAGACTT-----TGTCTGATGCAAGATTCAACTTTGATTGGTGATGTG								
										Section 1094
	(104929)	104929	104940	104951	104962	104973	104984	104995	105006	105024
T4 NC_000866.4	(104395)	TGCAAAAGAAATGGCTCGCTGAAATA-----AATTAGCAGTTG-ATAAGAGCATCAAGCCGAACTGTTTGAAATCCATG-CTTGGTGGAATTAA								
SARS-CoV-2 NC_045512.2	(21003)	TGCAAACTGTACATACAGCTAATAATATGGGATCTCATTAATTAGTGATATGTACGACCCTAAGACTAAAAATG---TACAAGAGAAAAAGACTCTAA								
										Section 1095
	(105025)	105025	105039	105050	105061	105072	105083	105094	105105	105120
T4 NC_000866.4	(104482)	AGAGCTCTTTTGTGTAACACACGTGTGTTGTTCCAGAGAAATCAGTTGATGTTGTAGCTGAAAAGGAGAGCTGCAAGAACATAAAGAAAGATC								
SARS-CoV-2 NC_045512.2	(21096)	AGAGGGTFTTTTCACTTACATTTGTGGTGTATACAAACAAAGCAGCTCTTGTGAGGTTCCGTGGCTATAAAGATAACAGAACATCTCTG-GAATG								
										Section 1096
	(105121)	105121	105127	105138	105149	105160	105171	105182	105193	105204 105216
T4 NC_000866.4	(104578)	GCCTCGTCTGTTCGAAGAACTGAATATGCGCG-ACGCATATATCAATTTATGTGCAAGCCTGAAAGTGGCATTGAGCGAAAGTACTAA-AGATCTGACT								
SARS-CoV-2 NC_045512.2	(21191)	CTGATCTTTATAAGCTCATGGGACACTTCGCGAT-GGTGGACAGCCTTTGTACTAATGTGAA-----TGCGTCAATCACTCTGAAAGCATTTTAAAT								
										Section 1097
	(105217)	105217	105226	105237	105248	105259	105270	105281	105292	105312
T4 NC_000866.4	(104672)	GAGTCTCAAAAAGGAAAAGTCTCTGCTGCTGGTGG--AAGGTATGGATTATTTAGATG-CATTCTCAAGTAAATTGAGT-GCAATCTGTAGAAATGGT								
SARS-CoV-2 NC_045512.2	(21279)	TGG-----ATGTAAATTACTTGGGAAACCAAGCGAACAAATAGATGGTT---ATGTCTATGCATGC--AAATTACATAT--TTGGAGGAA----								
										Section 1098
	(105313)	105313	105325	105336	105347	105358	105369	105380	105391	105408
T4 NC_000866.4	(104764)	GAGAAATCTAATAAAGATG-AAAGC---ACTATTACTTGAGAG-GTATAAATACTCCGTGATCTGAAGCAGCCGGACTGA-ATTTCGTCACGTGAAGC								
SARS-CoV-2 NC_045512.2	(21357)	-TACAAATCCAAATTCAGTGTCTTTCCTATTCTTTATTGAGCATGAGTAAATTTCCCTTAATAATTAAAGGG---GTACTGCTGTATTATGTCCTTAA--								
										Section 1099
	(105409)	105409	105424	105435	105446	105457	105468	105479	105490	105504
T4 NC_000866.4	(104854)	TGTAGAAGATAAAGCTGCACAGGGTGCAGAAGATATTGTAAGTGATATAAGCGAAAGTCGCATCTCGTTCTAAATTTTAAAGGTTAACACAAATGAC								
SARS-CoV-2 NC_045512.2	(21447)	AGAAGGTCAAATCAAATGATATG-----ATTTATATCTCTTCTTAGTAAAGGTAGA-----CTTATAATTAGAGA-----AAACAAACAGAG								

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										Section 1100
	(105505)	105505	105512	105523	105534	105545	105556	105567	105578	105589 105600
T4 NC_000866.4 (104950)	TATCA	AAA-CTA	AAAGCTG	AACTTTT	GAACAAAT	GGAAAGCCATT	ACTGGAAGGTGAAGGTT	TACCGGAAA	TTGCTAATAGCAAACAAGCGA	TTATCG
SARS-CoV-2 NC_045512.2 (21521)	TGTGTTA	TTTCTA	GTGATG	TTCTTGT	TAAACAACT	AAACGACATG	T-----T	---TGT	TTTCTT-----GTT	TTATG
										Section 1101
	(105601)	105601	105611	105622	105633	105644	105655	105666	105677	105696
T4 NC_000866.4 (105045)	CTAA	AACTCT	TTGAAAC	CAGGAAAAAGAT	TTCCAGACAGCT	CCGGAATAT	AAAGACGAAAAAAT	TGCTCAGGC	ATTTCGGT	TCTTTCTTAA
SARS-CoV-2 NC_045512.2 (21587)	C--CAC	TAGTCTCT	AGT	CAGTGT---	GTTAATCTT	ACA--A	CCA	GAACTC	AAATTACCC	---CTGCAT
										Section 1102
	(105697)	105697	105710	105721	105732	105743	105754	105765	105776	105792
T4 NC_000866.4 (105141)	CTGAAATC	GGTGGT	GAACAGGGT	TACAAATGCT	TACCAACATC	GCTGCAGGT	TCAGACTTC	TGGCGCAGT	AACTCAGATT	GGCCAGCT
SARS-CoV-2 NC_045512.2 (21664)	T-----	GGTGGT	TTAATT	ACCTGACAA	AGTTTTCAG	-ATCCT--	CAGTTTTACA	TTT	---AACTCA	---GGA
										Section 1103
	(105793)	105793	105798	105809	105820	105831	105842	105853	105864	105875 105888
T4 NC_000866.4 (105237)	TGGTACGT	CGTG-CTA	TTCC----	TAACTG	ATTGCTTT	CGATATTT	TGTGGTGTTCAG	CCGAT---	GAACAGCCC	GACTGGCCAG
SARS-CoV-2 NC_045512.2 (21731)	-----	CTTTCTT	TTCC	AATGTT	ACTTGG	TTCCATG	CTATACAT	TGTC-TCT	TGGGACCAAT	GGTACTAAGAG
										Section 1104
	(105889)	105889	105897	105908	105919	105930	105941	105952	105963	105984
T4 NC_000866.4 (105325)	GGCGC	CAGTAT	ATGGT	TAAAGACCCAGT	GGCTGCC	GGTGC	TAAAGAA	GCATTCCAC	CCAAATGT	ATGGTC--
SARS-CoV-2 NC_045512.2 (21811)	CCTAC	CATTTA	ATGAT	-----	-----	GGTGT	TTATTTT	GC-TTCCAC	TGAG--	AAGTCTAA
										Section 1105
	(105985)	105985	105996	106007	106018	106029	106040	106051	106062	106080
T4 NC_000866.4 (105419)	GCTGCT	AAGAAATT	CCCAGCTCT	GGCTGC	TAGCACAC	AAACCA	CAGTAGGTGA	TATCTATAC	TCACTTCTTT	CCAGGAAAC
SARS-CoV-2 NC_045512.2 (21884)	ACTACT	T-----	-----	-----	TAGATT	TCGAA	GA	CCAGT	---CCC	TACTAT
										Section 1106
	(106081)	106081	106095	106106	106117	106128	106139	106150	106161	106176
T4 NC_000866.4 (105515)	CAAGC	TTCTG	TTCAA	GTAA	CAATC	GATGCT	GGTGCGACTGA	TGCTGCTAAATTAGA	TGCTGAA	ATTAA
SARS-CoV-2 NC_045512.2 (21955)	TGAAT	TTCAA	TTT	GTAA	TGATC	CAT	-----	TTT	TG--G	-----

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												Section 1107														
	(106177)	106177	106183	106194	106205	106216	106227	106238	106249	106260	106272															
T4 NC 000866.4	(105610)	AG-AAA	TCGCTGA	AGGTAT	GGCTACTC	-TATCGCTGA	ACTCCAGGAA	GGTTTC	AAAT--GGTTC	TACCGATAAC	CCATGG	AATGAAAT	TGGCTTCC													
SARS-CoV-2 NC_045512.2	(22024)	AAGTGA	AGTTCA	GAGTTTAT	-TCTAGTGG	GAATAAT	TGCACTTT	-TGAA	TATGCTCT	CAGCCTTT	TCTTAT	GGAAGG	CCATGA													
												Section 1108														
	(106273)	106273	106282	106293	106304	106315	106326	106337	106348	106368																
T4 NC 000866.4	(105707)	G	TATCGAT	AAAGCA	AGTTAT	TCGAA	GCTTAA	ATCTCGT	CAGCTGA	AAAGCTGC	TTACTCT	TATTGA	ATTAG	CACAAG	ACCTC	C	CGCG	TGTT	CACGG	TATGG						
SARS-CoV-2 NC_045512.2	(22118)	T	T--C	---AAAA	TC	TTAGG	AAATTT	--GT	GT	T-TA	AGAA	ATTG	ATG	TTAT	TTTAA	AT	ATTCTA	AGCAC	CC--	TATTA	--TT-TAG					
												Section 1109														
	(106369)	106369	106381	106392	106403	106414	106425	106436	106447	106464																
T4 NC 000866.4	(105798)	ATGC	TGATG	CTGAA	CTGTCT	GGTATT	CTGGCTAC	AGAA	ATTATG	CTGG	AAATCA	ACCGTGA	AGTTG	TTGATT	GGATTA	ACTT	ACTC	AGCT	CAGG	TTG						
SARS-CoV-2 NC_045512.2	(22200)	TGCG	TGATC	---TC	CTCAG	GGT	TTTC	GGCTTT	AGAA	CCAT	TGGT	TAGATT	TGCC	---AAT	AGTA	TTAACATC	ACTAGG	TTTCA	AACT	TTTAC	TTG					
												Section 1110														
	(106465)	106465	106480	106491	106502	106513	106524	106535	106546	106560																
T4 NC 000866.4	(105894)	G	TAAATCT	TGGTAT	TGACCC	TGAC	---T	CCGG	GTTC	---T	AAAG	CTGG	TGTATT	TGAC	TTCC	CAGG	ACC	CAAT	TGAT	ATTC	GTGG	TGC	TCGCT	GGGC	GG	
SARS-CoV-2 NC_045512.2	(22290)	C	TTTACA	TAGAA	GTTATT	TGAC	TCC	TGGT	GATTC	TTCTTC	AG	TTGG	AC	AG	TTG	GACAGC	TGG	-TGC	TGCA	-GCTTA	TTAT	TGGGT	TATCT	TC	AACCTAG	GA
												Section 1111														
	(106561)	106561	106568	106579	106590	106601	106612	106623	106634	106645	106656															
T4 NC 000866.4	(105984)	G	TGAATCC	TTTAAA	GCTCT	GTTGTTCC	CAGAT	TGACAA	AGCAG	TTGAA	ATTG	CTC	GT	CAGAC	CGGT	CGTGGT	GAAGGTA	ACTT	CATT	ATTC	GCCT	T				
SARS-CoV-2 NC_045512.2	(22383)	C	TTTTCTA	TTAAA	TAT	---A	-----A	TGA	AAAT	GGA	ACAT	TTAC	AGATG	CT	-GT	-AGAC	TGTC	-----	ACTT	G	ACCC	TCTCT	-			
												Section 1112														
	(106657)	106657	106667	106678	106689	106700	106711	106722	106733	106752																
T4 NC 000866.4	(106080)	C	CGTAAC	GTAGT	TAA	ACGTT	TTGG	--CTTCA	GTTG	ATACCGGC	ATTTCTTT	ATGCTG	CAC	AGGGTC	TGGCTA	C	CGGCTTT	TAG	CACTGA	TACT	ACCAA					
SARS-CoV-2 NC_045512.2	(22452)	-	CAGA	AACAA	AGTGT	ACGTT	GAAATC	CTTCA	CTGT	AGAA	---A	AGGA	--AT	CTAT	CAAA	ACT--T	-----	CTAA	CTTTAG	AG---	TCCA	ACCAA				
												Section 1113														
	(106753)	106753	106766	106777	106788	106799	106810	106821	106832	106848																
T4 NC 000866.4	(106174)	GT	CAGTAT	TTTGC	TGGT	GTTCTGGG	TGGTA	ATA	CCGCG	TATAT	AT	CGAC	CAGTA	TGCTAA	ACAGG	ATTATTT	CAC	TGTAG	GTTTAA	AGGT	CCGAA					
SARS-CoV-2 NC_045512.2	(22530)	--	CAGAA	ATCTAT	TGTTA	-----	GATTT	CC	TAAAT	--AT	TACA	AACT	-TG	TGC	CTTTT	GG	-----	TGA	AGTTT	TAA	--CG	CCACC				

SARS-CoV-2 & T4.apr

Figure 1: Multiple sequence alignment of the SARS-CoV-2 NC_045512.2 genome (111,882 bp) with the T4 NC_000866.4 genome (26,850 bp) across 11 sections. The alignment is shown in a grid format, with the T4 genome sequence (NC_000866.4) on the left and the SARS-CoV-2 genome sequence (NC_045512.2) on the right. The sequences are color-coded: yellow for conserved regions, green for variable regions, and red for gaps. The alignment is divided into 11 sections, each labeled with a section number (1114 to 1120) and a range of positions. The sequences are aligned in a way that shows the high degree of similarity between the two genomes, with the SARS-CoV-2 genome being a close match to the T4 genome.

Section	T4 NC_000866.4 (NC_000866.4)	SARS-CoV-2 NC_045512.2
Section 1114	(106849) 106849 106854 106865 106876 106887 106898 106909 106920 106931 106944	(106270) C G A A A T G G A T G C T G G T A T T T A C T A T G C T C C A T A T G T A G C T C T G -- A C T C C G C T G C - G T G G T T C G A T C C G A A G A A C T T C C A A C C G G T A A T T G G G A T T
Section 1115	(106945) 106945 106953 106964 106975 106986 106997 107008 107019 107040	(106363) C A A A C T C G T T A C G G T A T C G G T A T C A A C C A T T T G C A G A A T C C G C T G C T C A G G C T C C G G C T T C T C G C A T C C A G A G C G G T A T G C C T T C T A T T C T G A A
Section 1116	(107041) 107041 107052 107063 107074 107085 107096 107107 107118 107136	(106459) T A G C C T T G G T A - A A A C G C T T A C T T T A G A C G T G T A T A T G T T A A A G G T A T C T A A T C T C T A A C G A T A G A A C A C A A T T T T A G G G A A C C T T C G G G T T C C
Section 1117	(107137) 107137 107151 107162 107173 107184 107195 107206 107217 107232	(106554) C T T T T T C T A T T T T A T A C G A T A G C A A T C A G G C A T A T C A T C C G C A T T T A T C C A A T T G C G A A T A G T T T A G G A C T A A C T T T A A A A T G C T C C G C T G C G T
Section 1118	(107233) 107233 107239 107250 107261 107272 107283 107294 107305 107316 107328	(106650) A A T C A G G A T T A T C A A A T T T A A C G C C T T T A T A C A T A T T G G A A T A A A T T T T T T A - - A T A C C A C C A A G T T T T T C A G A A A T A G C T T T A C G A - - T G T G A A
Section 1119	(107329) 107329 107338 107349 107360 107371 107382 107393 107404 107424	(106742) A T C G A T A T A G G T T T G T T T T T C G T G G A T G A A C A T G T G T T T T A A A T - - A T T C A T T G C G C C C T T T A A C - T C G C T T C G C A A T A G T T T C A T C A G A T T T G C
Section 1120	(107425) 107425 107437 107448 107459 107470 107481 107492 107503 107520	(106835) T T A A C G C T G T T T T T G C C T T T G A T A T T T T C G T T T A G C T T C C A C A G T C A T T C T T C T T T T G T T C G T A T T G A T A A C A T A T T A C G A T A T G A A G G A T C T

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			Section 1121															
	(107521)	107521		107536		107547		107558		107569		107580		107591		107602		107616
T4 NC	000866.4	(106931)	TG	CAA	TGA	ACTAT	TA	CTGG	ATTT	CCTCT	GC	CAC	CAAT	TAGC	AGCAT	TAT	AGG	TAT
SARS-CoV-2 NC_045512.2	(23178)		-T	CAA	TTTC	AACTT	CA	TGG	--TT	TAA	CAG	GC	CAC	AGGT	GT	TCTT	ACT	GAG
			Section 1122															
	(107617)	107617		107624		107635		107646		107657		107668		107679		107690		107701
T4 NC	000866.4	(107027)	ATT	TTAT	ACA	TCTC	CTCAG	ATG	AGGAGA	AAGA	ATAA	AGAA	TTT	CCTT	TT	TTAA	AG	TTA
SARS-CoV-2 NC_045512.2	(23267)		ATT	GCTG	ACA	CTAG	CTGAT	GCTG	TCCGTG	ATCC	ACAG	ACACT	TTGAGA	TTCT	TTG	ACATTA	C---	ACC
			Section 1123															
	(107713)	107713		107723		107734		107745		107756		107767		107778		107789		107808
T4 NC	000866.4	(107122)	G	CCAG	AA	CCAT	ATA	AC	CATC	GTTTT	CGT	CA	AGAG	TAGC	ATGAG	C	TCCG	ATG
SARS-CoV-2 NC_045512.2	(23359)		A	CCAG	GA	AC---	AA	TAG	TTCT	TA--	AC--	CAG--	GT	TGC	TGTT	C--	TTT---	AT
			Section 1124															
	(107809)	107809		107822		107833		107844		107855		107866		107877		107888		107904
T4 NC	000866.4	(107218)	T	TCAT	TTT	AAAC	ATC	ACTCC	GTTT	TG	TAT	ATG	ATT	ATA	TAT	CA	TAT	CA
SARS-CoV-2 NC_045512.2	(23420)		G	TC	CTG	TT-----	GC	TAT	TTC	ATG	CAG	AT	CA	ACT	TAC	TCC	TACT	TG
			Section 1125															
	(107905)	107905		107910		107921		107932		107943		107954		107965		107976		107987
T4 NC	000866.4	(107313)	GG	AA	TACA	ATGG	CT	AAA	ATCA	ACGA	ACTT	CTG	CG	CGA	ATCA	ACCA	CAAC	GA
SARS-CoV-2 NC_045512.2	(23495)		---	ACA	CGT	GCA	GGCT	GTT	--T	AA	-----	TAG	GG	CTG	AA	CA	-TGT	CAAC
			Section 1126															
	(108001)	108001		108009		108020		108031		108042		108053		108064		108075		108096
T4 NC	000866.4	(107408)	G	CGT	TAC	G	ACT	AA	TTA	ATAT	AT	TC	TGAC	ATT	TG	TAG	CAA	CG
SARS-CoV-2 NC_045512.2	(23568)		G	TAT	TG	G	CTA	-G	TTA	TC	AG	AC	TC	AGAC	TA	AT	TCT	CCT
			Section 1127															
	(108097)	108097		108108		108119		108130		108141		108152		108163		108174		108192
T4 NC	000866.4	(107504)	A	CA	AC	GAA	TTT	A	CAT	TTT	AAA	CT	GGT	GCT	A	CTT	AC	CT
SARS-CoV-2 NC_045512.2	(23654)		T	CA	CT	GGT	TG	CA	G----	AAA	AT	TC	AG	TG	CTT	ACT	CT	

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										Section 1128
	(108193)	108193	108207	108218	108229	108240	108251	108262	108273	108288
T4 NC_000866.4	(107600)	TAACTCTCAATAAAGGCGATTATTCAAATATAATAATATCGTTTATAAAGTATTAGAAAGATACTCATTGCTACTATCGAAGAAAGTGATTTAG								
SARS-CoV-2 NC_045512.2	(23736)	AATTCCT-ACCAGTGTCTATGACC-AAGACATCAGTAGATGTACATGTACATTTGTGTGATTCACCT--GAATGCAGCATCTTT-TGTTGC								
										Section 1129
	(108289)	108289	108295	108306	108317	108328	108339	108350	108361	108372 108384
T4 NC_000866.4	(107696)	AATTAGCTCTTCAGATTGCAATCGTTCTTTTAAAGGTTCGTCATTTTTCTGACGCAGCGTCAACAAAGCAAAATTTGAAAGCTCTGATAGTGAAATTTG								
SARS-CoV-2 NC_045512.2	(23826)	AAT----ATGGCAGTTTGTGTAC--ACAACTAAACCGTTCCTTA--ACTGGAATAG-CGTGTGAAACAAGACAAAACAACCAGAAGTTT--TTG								
										Section 1130
	(108385)	108385	108394	108405	108416	108427	108438	108449	108460	108480
T4 NC_000866.4	(107792)	CGGATGCTAGATTTCAGATTAAATAAATGGCAAACTGCAGTTAAATCTCGTAAAC-TTAAACCTGGCATCACAGTTGAATTAGCGCAAGATTTAGAA								
SARS-CoV-2 NC_045512.2	(23910)	CACAAATCAAA---CAAAATTAACAAAACAG---CACCAATTAAGATTGTTTGGTGGTTTAAATTTT---CACAAATATTAC---AGATCCATCA								
										Section 1131
	(108481)	108481	108493	108504	108515	108526	108537	108548	108559	108576
T4 NC_000866.4	(107887)	GCAAAATGGATTTCGATGCTCTTAATTCTTGAAGATTGCTTGCAACTGAAATGGCAGATGAATCAATAAAGACATCTGTCAGTCTTTGATTACA								
SARS-CoV-2 NC_045512.2	(23993)	--AAACCAAGCAAGAGGTCAT----TATTGAAGATCTACTTTTCAACAAGTGACACTTGCA-----G--ATGCTGGCTTCAT--CAAACA								
										Section 1132
	(108577)	108577	108592	108603	108614	108625	108636	108647	108658	108672
T4 NC_000866.4	(107983)	GTTTCAAAACGCTATAAAGTTACAGGAATTACTGATAGTGGATTCATCGATTTGAGTTATGCATCTGCTCTGAAGCTGGTTCGTTCAATATACCGA								
SARS-CoV-2 NC_045512.2	(24070)	ATAATGGTG-----ATTGCCTTGGTGATATTGCTGCTAGAGACC TCAT--TTGTGCACAAAGTTAAACGGCCTTA----CTGTTTTGCCACCTTTG								
										Section 1133
	(108673)	108673	108680	108691	108702	108713	108724	108735	108746	108757 108768
T4 NC_000866.4	(108079)	ATGGTATGTGAAATGGTTTCGCATATCAAAAAGAACTCAACTTATACAGCAACGTTCTGTGTTGCTTCAGCTCGTGCCGTGCGATTCTTGCTGCA								
SARS-CoV-2 NC_045512.2	(24155)	CTCACAGAAGAAATGATT--G-----CTCAATACACT-----T-CTGCACTGTT--AGCGGGTACAATCACTTCTGTTTGACCTTTGGTGCA								
										Section 1134
	(108769)	108769	108779	108790	108801	108812	108823	108834	108845	108864
T4 NC_000866.4	(108175)	TCAGGCTGGTTAAACCATAAACCAAGATGA-CAAATATCTTTCACAA--AATGCCCTACGGGTCTTAGCTAATGGTTTACCGCTTTATTGCG-A								
SARS-CoV-2 NC_045512.2	(24233)	G-GTGCTGCATTAA--CAAAATACCAATTTGCTATGCAAATGGCTTATAGGTTTAAATGGATTGGAGTTACACAGAAATGTTCTCTATGAGAACCAAAA								

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			Section 1135									
	(108865)	108865	108878	108889	108900	108911	108922	108933	108944	108960		
T4 NC	000866.4	(108267)	T--ACTAA	CAGGCC	CATTAG	ATATG	TAAATC	GTTCG	--CGCTAG	TAGAA	ATAATC	
SARS-CoV-2 NC_045512.2	(24326)	TTGATT	TGCACA	CCATT	TAAATAG	TGCTATT	TGCAAA	ATTCAG	ACTCACT	TTTC--	TCCA	
			Section 1136									
	(108961)	108961	108966	108977	108988	108999	109010	109021	109032	109043	109056	
T4 NC	000866.4	(108356)	A-TAC	CAGAA	GTCT	CGACTT	AGATG	ACCTGA	ACATGT	AGGTG	CA-TTT	
SARS-CoV-2 NC_045512.2	(24418)	CAAC	CAAAAT	GCACA	AGCTT	TAAAC	ACGCT	TGTTAA	ACAACT	TAGCTCC	AAATT	
			Section 1137									
	(109057)	109057	109065	109076	109087	109098	109109	109120	109131	109152		
T4 NC	000866.4	(108448)	-TTAG	TTAGAT	TGCTTT	AT--CA	GCAAAT	CCTTAT	AC	TATAC	TGTAG	
SARS-CoV-2 NC_045512.2	(24511)	TC	TGACAA	AGTTG	AGGCTGA	AGTGCAA	ATAGAT	GAAAA	AGAAC	CAAGAA	TAT	
			Section 1138									
	(109153)	109153	109164	109175	109186	109197	109208	109219	109230	109248		
T4 NC	000866.4	(108540)	GGC	AGGT	TCGTT	CA	GATTT	GCTGT	TTTTAT	TAGGT	TTAA	
SARS-CoV-2 NC_045512.2	(24601)	TAG	AGCT	GCAGAA	ATCA	GAGCT	TC	T-GC	TAATCT	TGCT	GCTAC	
			Section 1139									
	(109249)	109249	109263	109274	109285	109296	109307	109318	109329	109344		
T4 NC	000866.4	(108632)	TTAT	TTAA	CTTAC	CAAC	TCAAT	CCAG	CTGG	ACGA	AGT	
SARS-CoV-2 NC_045512.2	(24688)	TTG	TGAA	AGGG	--TA	TCA	TCTT	ATG	TCCT	-----	TCC	
			Section 1140									
	(109345)	109345	109351	109362	109373	109384	109395	109406	109417	109428	109440	
T4 NC	000866.4	(108728)	TTAGA	GTAAT	ACCTT	CACG	AGAAG	TCTT	CTT	CCAAAA	TATCT	
SARS-CoV-2 NC_045512.2	(24773)	CA	AGAAA	-GA	ACTT	CACAA	CT-G	CTC	CTG	CCA	TT-TG	
			Section 1141									
	(109441)	109441	109450	109461	109472	109483	109494	109505	109516	109536		
T4 NC	000866.4	(108823)	TTAGA	AAT	TAAC	GTTAT	TTAC	GCGG	TTCAG	TGTA	ACCGT	
SARS-CoV-2 NC_045512.2	(24863)	---	C-AC	TG--	GTT	TGT	TAACA	CAAAG	GAAT	TTTT	TATGA	

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										Section 1142				
	(109537)	109537	109549	109560	109571	109582	109593	109604	109615	109632				
T4 NC_000866.4	(108919)	ATAGGCTTAT	CAGACTTT	TCTTTT	CAC	TAA	TTTAGAGT	TTCTT	GCATTTAATCGC	TACACGATT	TCATTACG-AAAGCCAAGAAAG	GATAACAAGG		
SARS-CoV-2 NC_045512.2	(24948)	TAA-----	TAGGAATTGT	CAACAA	CAC--	AG	TTTAGT	TCCTT	TGCAACCTGAAT	TAGAC---	TCATTCAAGGAGG---	AGTTAGATAAATA---		
										Section 1143				
	(109633)	109633	109648	109659	109670	109681	109692	109703	109714	109728				
T4 NC_000866.4	(109014)	TTTCAATACATATCTTCAGCAG-	TAAATAC	TTTC	GCCTTTTG	CTTC	GGCATT	CCAAACG	CATTTATT	TGTCATCACTAA	TCCAGCATGGTCTACTG			
SARS-CoV-2 NC_045512.2	(25027)	TTTAAAGAAATCATATCA	CAGAT	GTGAT	TTTAG	GTGACAT	CTCT	GGCATT	AATGCTT	CAGTTGTAAA	CATTCAAAAAGAAATTGACCGCTCAA			
										Section 1144				
	(109729)	109729	109736	109747	109758	109769	109780	109791	109802	109813 109824				
T4 NC_000866.4	(109109)	TAAAAATTATAATCTTGG	ACGACAG	AATCT	AAATC	ATTG	CAATTT	AATAGC	TCTTCA	AATTTACGCGACC	TAAAAAGTGGAGCCATTTTAAATT			
SARS-CoV-2 NC_045512.2	(25123)	TGAGGTTGCCA---	GAA	T--TTA	AATGA	ATCTCT	ATCTCC	AAAGAACT	TGGAAAGTA	TGAGCAGTATA	TAAAA-TGG--CCATGGTACATT			
										Section 1145				
	(109825)	109825	109835	109846	109857	109868	109879	109890	109901	109920				
T4 NC_000866.4	(109205)	TAAAT--GTATTA	CAGAA	TGAT	CCATCAT	ATAAT	CATCT	ACAT	AAGT	CACATCACC	GCTTTCTGTAGTAA	CAATAATGTCAAA	TACATAAAATC	
SARS-CoV-2 NC_045512.2	(25211)	TGGCTAGGTT	TTATAG	CTGGCTT	-----	GAT	TG	CAT	AGTAAT	-GTGACA	ATTATGCTTT	-----GCTGTAG----		
										Section 1146				
	(109921)	109921	109934	109945	109956	109967	109978	109989	110000	110016				
T4 NC_000866.4	(109299)	TTTATCA	CAATAATCAACA	TTCTT	CTGAAT	GCCAGGTC	CAGCGAATT	CGCCA	AAGACT	TGATAAGATACAACCG	CTGAGGTTT	CCATTAATATCTTG		
SARS-CoV-2 NC_045512.2	(25288)	-TTGCTCA	AGGGCTGTTG	TTCTT	GTGAT	-CCT---	GCTGCA	AATT	TGATGA	AAG-----	CGACT-----	CTGAG---CAGT-----GCTC		
										Section 1147				
	(110017)	110017	110022	110033	110044	110055	110066	110077	110088	110099 110112				
T4 NC_000866.4	(109395)	TACAGCTTTAA	TGGAAT	CAGCAT	AATCTT	CAAAAT	AATTTCA	TACCCA	AGA-AATCTTCA	GCAGGAAG	AATCGGTC	CAGTGCGTTT	AGCGCAAG	
SARS-CoV-2 NC_045512.2	(25358)	AAAGGAGTC	AAAT--TA	CATTAC	ACAT	TAAAG	GAAC	TTAT	GGAT	TGTTT	ATGAG	AATCTTCA	C-----AATTGGAACTGTAACTTTGAA	
										Section 1148				
	(110113)	110113	110121	110132	110143	110154	110165	110176	110187	110208				
T4 NC_000866.4	(109490)	TCACTTT	ATCAG	CTCAA	TATCAAT	GAGAAA	TTTGT	GCGTGA	ATCTTTT	CACGAGCT	ACC	CACTCC	CACAGTCAATCC	CAAGCTATAAGTT
SARS-CoV-2 NC_045512.2	(25445)	--GTGAA	ATCAAG	GATGC	TAC	TCCT	CAGAT	-TTTGT	TCGCGCT	ACTGCAAC	GATAC	GATA	CAAGCCTCAC--TC	CCTTCGGATGGCTTATTGT

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										Section 1149																	
	(110209)	110209	110220	110231	110242	110253	110264	110275	110286	110304																	
T4 NC_000866.4	(109586)	TTTCAATAAATTTAGAGTTGTAAATGATTTTTCAGAGCTGCTATACCTTTTAAACATAAATTAATCCTCAAATGTAAATTTCTAA	CCAA	TCACCA	TCAC																						
SARS-CoV-2 NC_045512.2	(25536)	TGGGGTTCGACCTTC---	TTGCTGTTTTCAGAGCGCTTCCA	AAATCATAAACCCTCA	AAAAAGAGATGGC	AA--CTAGCACTCT	CCAA	GGGTGT	TCAC																		
										Section 1150																	
	(110305)	110305	110319	110330	110341	110352	110363	110374	110385	110400																	
T4 NC_000866.4	(109687)	GC	TGATCAGTATTGACTTTAAAGCTGAATCCTTC	TTTCTCTCA	GCCAAT	CACC	AAATTTCTTCT	TGTAATCAATTTATCA	C	GAGCAATA	CAATAATAAT																
SARS-CoV-2 NC_045512.2	(25627)	TT	TGTTTGCAACTTGCTGTGTTGT	TTGTAAACAG	TTTACTCA	-----	CACC	TTTGTCTCGTT	-----	GC	TGCTGGCCTTGAAGC	CCCTTTCTC															
										Section 1151																	
	(110401)	110401	110407	110418	110429	110440	110451	110462	110473	110484	110496																
T4 NC_000866.4	(109778)	TAAAAATGTGTTT	TAGCTTGTTCAGCTGCTT	TATTAGCAAGTTCTG	AAAAAATCTTTA	ATAAAACA	CTCTAGCT	TAAAC	CTGTTTA	---	CTTTTAA	TG															
SARS-CoV-2 NC_045512.2	(25711)	TA	TC----	T	TATGCTT	AGTCTT	GCAGAGTATA	AACTTGTAA	GAATAATAATG	AGGCTT	TGCT--TTG	CTG	GAAATGC	CGTTCC	AAAA												
										Section 1152																	
	(110497)	110497	110506	110517	110528	110539	110550	110561	110572	110592																	
T4 NC_000866.4	(109871)	CTTTT	TCGCGTAA	TTGATTA	GC	AAAAGATT	CATTTT	CA	TAAAGATCATAC	TGTT----	C	ATT	TTT	ACCTTTT	AT	TGATATGT	CTTT	TTCTAT									
SARS-CoV-2 NC_045512.2	(25802)	ACCCAT	T----	T	ACTTTAT	GATG	CCAACT	ATT	TTC	TTT	GCTGGC	ATACTAAT	TGTT	ACGA	CTATT	GTATACCTT	ACA	ATAG--TG	TAACTTTCTTCAAT								
										Section 1153																	
	(110593)	110593	110605	110616	110627	110638	110649	110660	110671	110688																	
T4 NC_000866.4	(109962)	AG	ACAACTTTT	TTC	TCGAG	CC--	CAT	AAATACAG	CC--	ACTTCTTT	--	TG	CT	GTAAGTTTAA	TT	CACG----	AGCAAT	TTCAAT	GAA	TGACTTTCC							
SARS-CoV-2 NC_045512.2	(25893)	T	GT	C-AT	TAC	TTC	AGGTG	GATGG	CACAA	CAAGT	CC	TATTTCT	GAACA	TGACT	ACCAGATTGG	TGGTT	TACTG	AAAAAT	GGGAAT	C--TG	GAGTAAA						
										Section 1154																	
	(110689)	110689	110704	110715	110726	110737	110748	110759	110770	110784																	
T4 NC_000866.4	(110047)	AGACT	CATGAAGAG	TAAACA	CCACA	AC	CTCA	GTTCT	CA	TAAATCAATCT	CA	TGT	TAT	TCGAG	TTGGT	GCCATT	TATATACAT	TCATT	TTC	TGATTG	TGTT						
SARS-CoV-2 NC_045512.2	(25986)	AGACT	GTGTTGTAT	TACACA	GT--T	ACT	TCACTTC	AG	ACTAT	T--AC	CAGCT	TGT	AC	TC	AACTCA	-----	ATT	GAGTACAGAC	ATGG	TG--TTG	AACA						
										Section 1155																	
	(110785)	110785	110792	110803	110814	110825	110836	110847	110858	110869	110880																
T4 NC_000866.4	(110143)	TTG	TGTGCTT	TTCA	AAATG	AA	GGG	CC	GAAG	CC	CCT	TAT	GATT	ATG	GAT	AGGT	TATAGAT	GAT	ACCA	GT	TTCT	AAAGC	AGTT--TT	AT	GAA--T		
SARS-CoV-2 NC_045512.2	(26073)	TGT	TACCTT	CTCA	TCTAC	AA	TAAA	ATTG	TT	GATGAG	CCT	GAAGA	AC	ATG	TCC	AAATTC	AC	CAAT	CGAC	GG	TT	CATCC	G	AGTT	GT	TAT	CCAGT

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		Section 1156																																																												
	(110881)	110881	110891	110902	110913	110924	110935	110946	110957	110976																																																				
T4 NC_000866.4	(110235)	GATGTAATCCA	TTACGC	GAT	TCTTG	GAC	ATCAACT	TCTGG	ATAGT	--CTT	TTCATCATCTTCTGGA	GAGT	GTAACG	ATGC	AGTAAT	TATTT	ACTAT	CT																																												
SARS-CoV-2 NC_045512.2	(26169)	AATGGAACCA	ATTTAT	GAT	GAACC	GAC	GAG	ACT	CTAG	CGT	G	CCTT	TGT	AGCA	CAAG	CTG	ATG--	AGTACGA	ACTTATGTACTCA	TT	CGT	TT	CG																																							
		Section 1157																																																												
	(110977)	110977	110990	111001	111012	111023	111034	111045	111056	111072																																																				
T4 NC_000866.4	(110329)	GGGTC	GT	CAG	T	TTTCCA	AT-CT	TTA	CCTT	CT	TCGG	TC	ATTTTT	T	TGG	ATTT	CA	TCCATAA	CCCA	CC	AACCG	CAC	CAG--	AT	GTAAG	CTGA	GCT	AC	CG																																	
SARS-CoV-2 NC_045512.2	(26263)	GAAGAG	GA	CAG	G	TACGTT	A	TAG	TTA	ATAG	G	GT	ACT	TC	T	TTTT	CT	T	G	CTTC	G	TGG	TATT	CTTG	CT	AGTTA	CAC	TAG	CC	AT	CCTTA	CTG	C	GCT	TC	GA																										
		Section 1158																																																												
	(111073)	111073	111078	111089	111100	111111	111122	111133	111144	111155	111168																																																			
T4 NC_000866.4	(110422)	TGT	GGAA	GAG	GA	TGAAC	AT	AA	GGT	AA	TT	CAC	CT	TCTGG	TT	CTGG	AG	CA-A	CTTT	AGC	CGT	GACTGT	TACAT	TACC	AGTT	TT	TGGT	AA	CGG	TT	AC	AG	G																													
SARS-CoV-2 NC_045512.2	(26359)	TT-	G	TGT	G	C	G	T	ACT	GCT	G	C	AA	TAT	TG	TT	AAC	GT	GAGTC	TT	G	T	AA	AA	C	CTT	CTTT	T	T	TA	CGT	TT	ACTC	T	CGT	G	T	AA	AA	A	T	CTG--	AA	TT	C	T	CT	AG	A													
		Section 1159																																																												
	(111169)	111169	111177	111188	111199	111210	111221	111232	111243	111264																																																				
T4 NC_000866.4	(110517)	GTT	A-	T	A	T	C	T	G	C	A	G	CAG	TAA	CAG	T	T	G	C	AG	TAA	C	T	T	CA	ATA	G	T	T	G	A	C	T	T	C	CAAC	AG	AT	G	AGG	T	AT	CG	GAC	AG	TAT	AC	G	TTAG	TT	G	ACC	CTT	C	T	A						
SARS-CoV-2 NC_045512.2	(26452)	GTT	CC	T	G	A	T	C	T	T	C	T	G	T	AA	A	C	---	G	A	A	C	TAA	A	T	A	T	A	T	T	-----	AG	T	TTTT	C	T	G	T	TT	G	A	ACT	T	T	A	ATT	TTAG	-----	C	A	T	G	G									
		Section 1160																																																												
	(111265)	111265	111276	111287	111298	111309	111320	111331	111342	111360																																																				
T4 NC_000866.4	(110612)	CAG	GAGA	---	A	GAAT	CT	TT	CTT	CA	TGA	GT	AG	T	A	TTT	TGT	GCT	T	CTT	CT	GGA	G	C	AC	CCG	TAA	CAT	TAG	CC	GT	AA	T	GT	AG	CC	GA	AG	CAT	CTT	G	C-																				
SARS-CoV-2 NC_045512.2	(26527)	CAG	A	T	T	C	CAAC	G	T	A	CT	AT	T	AC	C	GT	TGA	AG	AG	CT	T	A	AAAA	-	GCT	C	CTT	-----	G	A	C	A	A	T	G	A	ACC	TAG	T--	A	A	T	AG	T	T	CC	T	ATT	C--	CTT	A	C	A									
		Section 1161																																																												
	(111361)	111361	111375	111386	111397	111408	111419	111430	111441	111456																																																				
T4 NC_000866.4	(110704)	TGA	ACAT	T	TAAT	TAGAA	GG	AG	GT	CA	ATG	TAA	C	T	G	T	G	AT	T	CAT	T	G	T	C	T	T	C	T	A	T	A	ACC	G	T	-	AAT	GA	T	ACT	T	C	ATT	AG	-	AG	TAA	C	G	C	T	T	AG	T	G								
SARS-CoV-2 NC_045512.2	(26613)	TG	A	ATT	T	G	T	C	T	CA	A	TTT	G	C	T	ATG	CC	A	C	AG--	GA	A	T	AGG	T	T	T	T	G	T	A	T	A	TTA	AG	T	T	A	AT	T	T	C	T	C	T	G	G	C	T	G	T	T	AT	G	G	C	A	G	T	A	CT	T
		Section 1162																																																												
	(111457)	111457	111463	111474	111485	111496	111507	111518	111529	111540	111552																																																			
T4 NC_000866.4	(110798)	CAT	CAT	AAT	TC	TGT	CGCG	GT	ACT	TG	GGC	TAC	GCA	TT	T	AATT	CTT	T	T	ACTC	CAC	TT	GT	AG	T	T	G	G	AG	TAT	AG	CT	AA	AT	G	T	AG	AG	TT	AG	TTT	CT	CC	AC																		
SARS-CoV-2 NC_045512.2	(26707)	T	A	G	CT	T	G	T	T	T	G	T	G	CT	--	G	T	T	T	AC	AG	AA	T	AA	AT	T	G	GA	T	-----	CAC	C	G	T	G	A	AT	T	G	C	A	T	G	G	C	T	T	G	T	T	G	T	AG	G	C	T	---					

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		Section 1163									
	(111553)	111553	111562	111573	111584	111595	111606	111617	111628	111648	
T4 NC_000866.4	(110894)	CAACT	TGTGAA	TCACTACAT	ACCACTGATACG	TAGCAGATGC	TCATCAGGT	TGAGAAGC	TAAAGCAGCAG	TAAATTTG	AAC
SARS-CoV-2 NC_045512.2	(26791)	--TGA	TGTG	GC	TCA	GCTAC	T	CA-----	T	TGC	T-----
		Section 1164									
	(111649)	111649	111661	111672	111683	111694	111705	111716	111727	111744	
T4 NC_000866.4	(110990)	C	TCCA	GCC	GC	AGGA	CTAG	CA	GGAG	T	TAC
SARS-CoV-2 NC_045512.2	(26860)	A	TCCA	---	GAA	---	CTA	CA	TTCT	T	CTC
		Section 1165									
	(111745)	111745	111760	111771	111782	111793	111804	111815	111826	111840	
T4 NC_000866.4	(111085)	C	CT	---	CCTTC	---	AGA	AAG	T	GTATT	TGT
SARS-CoV-2 NC_045512.2	(26946)	G	CT	GTGAT	CCTTC	GTGG	ACA	TCT	T	CTATT	GCT
		Section 1166									
	(111841)	111841	111848	111859	111870	111881	111892	111903	111914	111925	111936
T4 NC_000866.4	(111171)	A	GCT	CCATC	---	TT	GTGG	AAC	ATT	ATCT	AC
SARS-CoV-2 NC_045512.2	(27038)	A	TCA	CGAAC	GC	TT	TCTTA	TTA	CAAA	ATT	GGG
		Section 1167									
	(111937)	111937	111947	111958	111969	111980	111991	112002	112013	112032	
T4 NC_000866.4	(111263)	T	TTCA	ATCAAT	AAC	CTGT	AG	GTGT	TT	TAGG	AG
SARS-CoV-2 NC_045512.2	(27132)	T	---	ATA	AAT	TAA	AC	---	AC	AG	ACCA
		Section 1168									
	(112033)	112033	112046	112057	112068	112079	112090	112101	112112	112128	
T4 NC_000866.4	(111359)	T	TTCA	CGAATTAA	AAAC	TGA	T	CA	TC	GC	ATTA
SARS-CoV-2 NC_045512.2	(27205)	T	TTCA	TCTC	---	GT	TGA	---	CTT	TC	A
		Section 1169									
	(112129)	112129	112134	112145	112156	112167	112178	112189	112200	112211	112224
T4 NC_000866.4	(111454)	G	ATT	TCCA	ATCA	AGGAGT	TC	AG	CAATCC	ATT	GAT
SARS-CoV-2 NC_045512.2	(27283)	A	ATC	TTGAT	T	ACATCA	TAA	ACC	TCATA	ATT	AAA

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		Section 1170									
	(112225)	112225	112233	112244	112255	112266	112277	112288	112299	112320	
T4 NC_000866.4	(111549)	AAAG	TTTTCCGGAA	GAGTAAATACAG	ACGGCTTT	TCAGATTCAATTAATCTCAGCT	AC--AGCCTG	TCGAATTTTCTCTCAAC	AAAAGGAGTATC		
SARS-CoV-2 NC_045512.2	(27372)	AATG	GAGATT----	GATAAACGAACATG	AAAA	TTATTCTTTCTGGA	CAGTGA	TAACTCGCTAC	TTGTGAGCTTTTA	TCACTACC	AAGAGTGTG
		Section 1171									
	(112321)	112321	112332	112343	112354	112365	112376	112387	112398	112416	
T4 NC_000866.4	(111642)	TTCAATCAAAA	CATCGGTATTTTTCAGGAATTT	TATCCGT	TTCTACTACTTCA	ATTTT	AATGTCAG	ATTTAATC	G-----	GAGAAATCAATCAG	
SARS-CoV-2 NC_045512.2	(27464)	TTAGAGGTACAA	CAGTACTTTT	TAAAGAACCTTG	CTC---	TTCTGGAACATACG	AGGGCAATTCACC	ATTTCATC	CTCTAGCTGAT	AAACAATTTG	
		Section 1172									
	(112417)	112417	112431	112442	112453	112464	112475	112486	112497	112512	
T4 NC_000866.4	(111729)	AAGTG-CTGCT	CTGG-ATTGACTT--	CTTCATC--	GTCATATTTTAA	TCCCTCTGCGGC	ATCAGCAGCATC	--AATTAAGTCTTT	TAATAGATAAC		
SARS-CoV-2 NC_045512.2	(27557)	CACFGACTTGC	TTAGCACTCAATT	TGCTTTGCTT	GTCCTGACGGCGT	TAAAA	CACGTCTATCAGTTA	CGTGCCAGATCAGTT	TCACCTAA	ACTGT	
		Section 1173									
	(112513)	112513	112519	112530	112541	112552	112563	112574	112585	112596	112608
T4 NC_000866.4	(111817)	CCATCAGTCT	CTGTCATAGGTTCACTAG	GAGCTTCTGGAGGGC	TTCTTCAA	-TATCAA	CAACGATATTATC	AAAAGATTTAT	TTC	TTTTTGTACCTT	
SARS-CoV-2 NC_045512.2	(27653)	TCAATCAGAC	A--AGAGGAAGTTCA	AGAAC	TTTACTCTCCAA	ATTTTCTCTTATTG	TGCGGCAATAGTG	TTTATAAACACTTT	TGCTTC	ACACTCAAAAG	
		Section 1174									
	(112609)	112609	112618	112629	112640	112651	112662	112673	112684	112704	
T4 NC_000866.4	(111912)	TATACCAAA	CTGTTCA	GATATTCAGCTAATTT	TAGCTTTAGCTTCTTT	TGTTATCAT	CAAGAGCCTTCAGC	TCTGCA	ATATAATCTTTATCTATCAT		
SARS-CoV-2 NC_045512.2	(27747)	AAAGACAGAA	TGAT-TGA	ACTTTCAT-TAATTG	ACTTCTATT	TGTGCTTTT	---T---	AGCCTT---	TCTGCTA	-----	
		Section 1175									
	(112705)	112705	112717	112728	112739	112750	112761	112772	112783	112800	
T4 NC_000866.4	(112008)	AATATTTCC	TCAGTATAAA	TATAGATATATTTAT	TACTCGGAAAA	TAGTATGT	TACCAC	TTTGTATA	TGAAACAACAAATC	-TAATAAATGGTAA	AAATGTTGTA
SARS-CoV-2 NC_045512.2	(27810)	-----TTCC	-----	TTGTTTAAATTA	TGCT-----	TATATATCTTTTGG	TTCTCACT	TGAACTGCAAGATC	ATAATGAA	ACTTGTCATA	
		Section 1176									
	(112801)	112801	112816	112827	112838	112849	112860	112871	112882	112896	
T4 NC_000866.4	(112103)	AGTATATAG	GAAAGCACTCTACT	GATGAC	TTGAATGAT	TGGTTACCTTGG	TTCGGTAC	GCAATTCAG	GCTATAAA	GAAATATGGTGA	AAAC
SARS-CoV-2 NC_045512.2	(27881)	CGCC	TAAACGAA--	CATGAAATTTCT	TGTTT	---TCTTAGGAATCAT	CACAACTGTAGCT	GCATTTCA	CAAGAAATG-----	TAGTTTACAGTC	

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										Section 1177
	(112897)	112897	112904	112915	112926	112937	112948	112959	112970	112981 112992
T4 NC_000866.4	(112198)	AATTTCTCTAGAACAAATACATAAAAGAGTTTAAAACTTCGAAGAAGCGTACATGTATGAAGAAAGAAATATTAATCTCCTGAACATAATAAAAAAGCAAA								
SARS-CoV-2 NC_045512.2	(27965)	ATGTACTCAACATCA--ACCATATGTAGTTGATGACCCTGTCTCTATTCACATCTATCTATAAATGGTAATTAAGAGTAGGAGCTAG-AAAAATCAGC								
										Section 1178
	(112993)	112993	113003	113014	113025	113036	113047	113058	113069	113088
T4 NC_000866.4	(112794)	AATTATTATTAATATGAAACCTGGTGGATTGTTGGAAATGTATTGACTACAGATGTATAGCAAGATGAAAGAAATCTTCGCTAAAAGATTGAA								
SARS-CoV-2 NC_045512.2	(28058)	ACCTTTAATTGAAATGTGCGTGGATGAG---GCTGGTCTAAATCAC-CATTTCAGTACATCGATATCAGGT--AATTAATAC-----AGTTT--								
										Section 1179
	(113089)	113089	113102	113113	113124	113135	113146	113157	113168	113184
T4 NC_000866.4	(112390)	AACTCACC GGCGACGGTATTAGGTAAAACTTGTATACTAATGGAACATAAAAAATTTTATTATTAA-ACCTGGAGAACTTGTTCAGAAAGGATTTGT								
SARS-CoV-2 NC_045512.2	(28138)	----C-CTGTTTACCTTT-----TACAA-----TTAATTGCCAGGAAC-----CTAAATTTGGGTAGT-CTGTAGTGCCTTGTTC-----G---TTCT								
										Section 1180
	(113185)	113185	113190	113201	113212	113223	113234	113245	113256	113267 113280
T4 NC_000866.4	(112485)	AAAAAGGATGGTTCAATCCATAAGAAAGTCCAGAAAAAGGATGTAAAGTCAACCCGACACACAGGAACCTTTTGGGTCAATAATGGCGCAATAAA								
SARS-CoV-2 NC_045512.2	(28207)	ATGAAG-ACTTTTATAGAGTATCATGACGTTCGTGTTGTTTAGATTTCATCTAAACGAAACAACACTAAAAATGCTG----ATAATGGACCCCAAAA								
										Section 1181
	(113281)	113281	113289	113300	113311	113322	113333	113344	113355	113376
T4 NC_000866.4	(112581)	TAAA-TTAAATACAAACAGACGGTATTATTTCCC GACGGATTTATTAAAGGTCGTCTCATGAAAAGAGATTCTAAAGGCAAAATTTAGTAAAGGCATAAT								
SARS-CoV-2 NC_045512.2	(28297)	TACGCGA AATGCAACCCGCATTACGTTTGGTG GACCTCAGATTCAAC-TGGCA----GTAAACAGA-----ATGGAGAACGCAGTGGGGCG-----								
										Section 1182
	(113377)	113377	113388	113399	113410	113421	113432	113443	113454	113472
T4 NC_000866.4	(112676)	TATG GATATTAAAGTACATTTTCAAG-ACCTTCA GTCATGTACGCATCGATT--GTGAAGAGAGCACGTTCCACGAATTAAAGAGATTTCTT---TTC								
SARS-CoV-2 NC_045512.2	(28379)	---C GATCAAACAACGTCGGCCCAAGGTTTACC CAATAATACTGCGTCTTGTTCAACCGCTCTCAC TCAACATGGCAAGGAAGACCTTAAATTC								
										Section 1183
	(113473)	113473	113487	113498	113509	113520	113531	113542	113553	113568
T4 NC_000866.4	(112766)	GT TTGAGG CCGATGGATATAGATTTAAATCTCGCTTCAGATATGGCAAC TGGGATGGACGAATCCGTCTTTT AGATTATAATC GTCTTC TTCATTT								
SARS-CoV-2 NC_045512.2	(28472)	CC TC GAGGA-CAAGGCGTTCCAATTAAACACCAATAGCAGTCCAGATGACCAAAT TGGCTACTA CCGA-----AG-AGCTACCA GACGAATTCG-TG								

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		Section 1184																													
	(113569)	113569	113575	113586	113597	113608	113619	113630	113641	113652	113664																				
T4 NC_000866.4	(112862)	CG	GCTTAGT	CGG	GC	AAAT	TAAAA	AAT	TC	TGT	GAT	A	-AT	TTT	TGGC	TATA	AAG	CCT	GG	--AT	TGAC	CCAC	AAAT	TAA	C	GAAAA	GGA	AT	-TAT	CAA	
SARS-CoV-2 NC_045512.2	(28560)	GT	G	G	T	G	A	--	CGG	T	A	A	A	T	G	A	A	A	A	T	C	A	G	T	C	A	G	T	C	A	
		Section 1185																													
	(113665)	113665	113674	113685	113696	113707	113718	113729	113740	113760																					
T4 NC_000866.4	(112954)	GA	AAAGA	TTTT	GAT	GAA	TG	GC	TT	T	C	T	A	A	T	T	A	G	A	A	T	C	T	A	T	T	C	A	A	G	
SARS-CoV-2 NC_045512.2	(28650)	AC	AAAGA	CGGC	AT	CAT	AT	GG	G	T	T	G	C	-AA	C	T	G	A	G	G	A	G	C	T	G	A	T	A	C	A	
		Section 1186																													
	(113761)	113761	113773	113784	113795	113806	113817	113828	113839	113856																					
T4 NC_000866.4	(113050)	GAT	TAG	TTA	AT	CGT	CG	TAG	AA	-TT	C	T	T	A	A	T	C	T	T	C	CA	AC	AT	CT	G	CA	GG	T	AAA	ATTA	
SARS-CoV-2 NC_045512.2	(28736)	G	C	T	--	GC	AA	T	CGT	GC	T	A	CAA	C	T	T	C	T	C	A	AG	AA	CA	AC	AT	TG	C	A	--	AAA	
		Section 1187																													
	(113857)	113857	113872	113883	113894	113905	113916	113927	113938	113952																					
T4 NC_000866.4	(113144)	TGA	AG	G	T	AA	A	A	T	T	C	T	A	T	C	A	T	T	G	T	T	C	A	A	C	A	C	T	G	C	T
SARS-CoV-2 NC_045512.2	(28811)	--	AG	T	C	AA	--	G	C	T	C	T	T	C	G	T	T	C	C	--	--	--	--	--	--	--	--	--	--	--	--
		Section 1188																													
	(113953)	113953	113960	113971	113982	113993	114004	114015	114026	114037	114048																				
T4 NC_000866.4	(113240)	AA	AG	AAAA	TT	G	T	G	C	G	G	A	G	C	A	T	C	AAAA	G	A	T	G	A	A	A	T	A	AAAA	CA	ACCG	
SARS-CoV-2 NC_045512.2	(28872)	GC	AG	----	CA	G	T	A	G	G	G	A	A	C	T	C	T	C	T	G	-----	C	T	A	G	A	A	T	G	C	
		Section 1189																													
	(114049)	114049	114059	114070	114081	114092	114103	114114	114125	114144																					
T4 NC_000866.4	(113336)	A	GA	AT	G	G	T	T	C	T	C	A	C	A	G	T	T	G	A	A	T	G	A	A	T	G	A	A	T	G	A
SARS-CoV-2 NC_045512.2	(28946)	-	GA	CA	GA	TT	GA	AC	C	A	G	C	A	A	A	T	G	T	C	T	G	A	G	C	A	A	A	T	G	A	A
		Section 1190																													
	(114145)	114145	114158	114169	114180	114191	114202	114213	114224	114240																					
T4 NC_000866.4	(113432)	C	A	T	G	T	T	C	A	A	A	T	T	C	A	A	A	T	T	C	A	A	A	T	T	C	A	A	A	T	T
SARS-CoV-2 NC_045512.2	(29025)	C	T	G	C	T	G	A	G	G	C	T	T	C	A	A	A	T	T	C	A	A	A	T	T	C	A	A	A	T	T

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		Section 1191																																																	
	(114241)	114241	114246	114257	114268	114279	114290	114301	114312	114323	114336																																								
T4 NC 000866.4	(113521)	CAGTAA	CGACTT	TCTAAT	ATTAAT	TGGAAG	TATG	GACAAG	TAACTG	AG-CT	AAAAATT	TAATAG	TATT	TTTCTT	CGCTAT	CCC	GATGAG	TTCA	CTACT	TAA																															
SARS-CoV-2 NC_04512.2	(29121)	AAGGAA	ATTTT	TGGGAC	CCAGGA	AACTAAT	CA	GACAAG	GAACTGA	TTAC	AAAC	ATTGGCC	GCAAA	TTG	CACAAT	TGCCC	CCAGCG	TTCA	GC	TCT																															
Section 1192																																																			
	(114337)	114337	114345	114356	114367	114378	114389	114400	114411	114432																																									
T4 NC 000866.4	(113615)	ATTAAG	GGA	AAAAAC	TTAC	CAAG	AA	GAAAT	TAA	AAT	TATTACT	GGGCT	TAGT	AA	AAGAA	AATAA	AATG	GATCG	CTAA	ATTAGCT	TATTAG	CT-TG	CGC																												
SARS-CoV-2 NC_04512.2	(29217)	TCGG	AA	TG	TCGCGCA	TTGG	CATG	--	GAA	GT	CA	ACCT	TCGG	--	GAA	CGT	GT	TG	ACCT	ACAC	A---	G---	GTGCC	ATCA	AA	TGG	ATG	ACAA	AGAT																						
Section 1193																																																			
	(114433)	114433	114444	114455	114466	114477	114488	114499	114510	114528																																									
T4 NC 000866.4	(113710)	AA	AAA	GATG	AAA	ACG	CTTT	TG	TCAT	TGTT	TAA	CAT	GTAT	CGCAT	GTAA	AGCT	ATTTT	C	GATTT	TA	TTAAA	ATGA	AT	ACG	TAA	AG	TTT	ATT	ACG																						
SARS-CoV-2 NC_04512.2	(29303)	CC	AAA	TTT	C	AAA	GAT	CAAG	T	CATT	T	TGC	T	GAA	T	AAG	C	AT	ATT	GAC	G	CA	T	ACAA	A	---	C	AT	TCCC	ACC	AA	CA	GAG	CCT	---	AAA	AG	GAC	AAA	AG											
Section 1194																																																			
	(114529)	114529	114543	114554	114565	114576	114587	114598	114609	114624																																									
T4 NC 000866.4	(113806)	T	ATC	AGG	GGAA	GT	TGA	TAC	CG	AA	CC	CGC	A	TAT	AAT	GAA	A	ACCTT	AG	CT	G	AAA	TG	GT	A	AGG	AAT	TAA	TT	ATAG	TAG	GC	TAG	TT	AT	GG	T	TAT	TTT												
SARS-CoV-2 NC_04512.2	(29393)	A	GA	AGG	--	CT	GA	TGA	AAC	TC	AAG	CC	TT	--	AC	CGC	AGA	GAC	A	GAA	GA	AA	AA	CA	CT	GT	G	A	--	CTC	TTC	TT	CCT	GCT	GC	AGAT	TT	TG	GAT	G	--	ATTT									
Section 1195																																																			
	(114625)	114625	114631	114642	114653	114664	114675	114686	114697	114708	114720																																								
T4 NC 000866.4	(113902)	CT	A	CTGGT	A	TT	CAGTT	AAA	AAT	CT	TG	CAT	C	AGT	T	GT	TTT	TAG	C	G	CAC	GGT	GT	TAA	AAT	C	AA	AA	TCAT	T	G	T	TA	CA	AA	TC	G	T	CG	TG	TAT	TA									
SARS-CoV-2 NC_04512.2	(29482)	CT	C	AAAC	A	ATT	G	--	C	AA	CAATC	--	CAT	G	A	G	CA	GT	G	C	T	G	A	CT	C	A	C	---	T	AGG	C	T	A	A	C	TCAT	G	C	A	G	AC	CA	CA	AG	G	C	AGA	T	GG	C	TA
Section 1196																																																			
	(114721)	114721	114730	114741	114752	114763	114774	114785	114796	114816																																									
T4 NC 000866.4	(113997)	CG	TAA	G	CAT	TGG	TT	CTAAG	CAAT	TAG	C	--	AA	CAGT	CT	TGG	GAC	CT	CAT	AG	ATAG	ATAG	C	G	CAG	GC	GT	CA	AG	CC	AA	AAT	CT	G	CT	A	TAC	G	AAA	AG	AA	TAT	G								
SARS-CoV-2 NC_04512.2	(29566)	TA	TAA	A	CG	T	--	TT	-----	T	CG	TTTT	C	GT	T	TAC	GAT	AT	ATAG	TCTA	C	T	TT	GT	G	CAG	AAT	G	AA	TT	CTC	G	TAA	C	PAC	ATA	AG	CA	AG	TAG	A										
Section 1197																																																			
	(114817)	114817	114829	114840	114851	114862	114873	114884	114895	114912																																									
T4 NC 000866.4	(114091)	TTC	A	TTTGAAC	TAT	CTTT	T	AAA	--	CA	CG	GCA	T	TGAT	TCG	TAT	TCAG	C	GCTACG	CAGAT	GAA	AAA	TTTT	A	TT	ACGT	AAT	G	AAA	ACA	GTTA	ATTT	AAT																		
SARS-CoV-2 NC_04512.2	(29650)	TGT	A	G	----	T	TAA	CTTT	AA	TCTCA	CATAG	GCA	T	CTT	--	TAA	TCAG	T	GTGTA	CATT	--	A	GGGAGG	ACTT	G	AA	GAG	CCA	CCA	---	C	ATTT	T	--																	

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		Section 1198									
	(114913)	114913	114928	114939	114950	114961	114972	114983	114994	115008	
T4 NC_000866.4	(114185)	AAGCTTCGGCCCTTTGAGAGAAAGATGTTACTAGAAATTAAACAATTTCCTTTATGAGCTTCTATTGATGAA---TTATGGGTAAAATTGCC									
SARS-CoV-2 NC_045512.2	(29730)	CACCGAGGCCAC---GCGAGTACGATCG-AGTGTAACAGTGAACAATGCTAGGGAAGAGCTGCCTATTATGGAAGAGCCCTAATGTGTAAAATTAAAT									
		Section 1199									
	(115009)	115009	115016	115027	115038	115049	115060	115071	115082	115093	115104
T4 NC_000866.4	(114277)	CTTGTC-AAACATTAGAAAGGTTTAGAAGAACTTGAAGCTTATTATAA-GAAAGAGTCAAAGAAACTGAATTAAAAGATACTGATGACATCTCTGT									
SARS-CoV-2 NC_045512.2	(29822)	TAGTAGTGCTATCCCCA--TGTGATTTTATAGCTTCTTAGGAGAAATGACAAAGAAAAGAAAAGAAAAGAAAAGAAAAGAAAAGAAAAGAAAAG									
		Section 1200									
	(115105)	115105	115115	115126	115137	115148	115159	115170	115181	115200	
T4 NC_000866.4	(114371)	GAGAGATGCTTTGGCAGGAAAAAGAGCTGAATTAGAAGATTCAGACGATGAAGTAGAAGAAAGCTTTTAAATTAAAAAAGGCCCAACCAAAAAGGA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1201									
	(115201)	115201	115214	115225	115236	115247	115258	115269	115280	115296	
T4 NC_000866.4	(114467)	AGGGCCAAAACATATAGACTAAAGGTCACACTATAGCAAAAGTTGTGTTTCATTTAATTGTTCTTCCGAACCTTTCTGAACTGGTAGTTCTTTAATG									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1202									
	(115297)	115297	115302	115313	115324	115335	115346	115357	115368	115379	115392
T4 NC_000866.4	(114563)	TAATTATAGCAAGGCCAGGATGTACAGGACCTTTGTCTGTTTCAACAACCAATGCAGAATCGATTGGAGTTTACAGACAACACAAATCTTATCT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1203									
	(115393)	115393	115401	115412	115423	115434	115445	115456	115467	115488	
T4 NC_000866.4	(114659)	GACATGATTGTCTCCTCTGAATTATATCTATTTATACAACCTCTCATATGCATATCAATGCCCATATCTTTAGAATAAAAAATATTCATCAAGATATC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1204									
	(115489)	115489	115500	115511	115522	115533	115544	115555	115566	115584	
T4 NC_000866.4	(114755)	CGGCAAATTTTCCTTTAATATAAAGGACATCTTACCACACGGGTGGTCGGCCAGGATACGAATATCCTGACGCTTAAGATTATGCTTTTTTCATTA									
SARS-CoV-2 NC_045512.2	(29904)	-----									

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		Section 1205									
	(115585)	115585	115599	115610	115621	115632	115643	115654	115665	115680	
T4 NC_000866.4	(114851)	AGAATTGAATTTCCGTTTCAAATTCCTTCTTCATAATTAAAAGCATCATCAATGCTATATCTCATTATTTTCCAGCCTCAAATGCTCGCATGTCTTG									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1206									
	(115681)	115681	115687	115698	115709	115720	115731	115742	115753	115764	115776
T4 NC_000866.4	(114947)	AATATGCTTAATAGCAAATCCACGTGATTTAATAGCATCAAGAGCTCCGCTACAGAAATCTAATAAAATCCCCAATACTGCAACGAGGTATCAAC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1207									
	(115777)	115777	115786	115797	115808	115819	115830	115841	115852	115872	
T4 NC_000866.4	(115043)	CTTTAAAACATCCTTATCCGCTGATAGAACTGTCTTCATTTCTGATTTCTCGTAACGATCCATACTAAATTCATCACCATCTCCTCGTCCCGAGTA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1208									
	(115873)	115873	115885	115896	115907	115918	115929	115940	115951	115968	
T4 NC_000866.4	(115139)	GTAGTCTAATCTAGCTTTAAGAGCAACTTTTTCTGTGCTTCAATTCTAAGCATTTCTTTTAAATACTTGAATGCTTATTAAGCCATTTACTATA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1209									
	(115969)	115969	115984	115995	116006	116017	116028	116039	116050	116064	
T4 NC_000866.4	(115235)	TAACATCACATTATTAGCTGCTTCATACTGTAATTTAGTCGAATCTATAAACACATCTTTCTTCAATTCTTCTTGAAGATCTTCTAATCTCATATT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1210									
	(116065)	116065	116072	116083	116094	116105	116116	116127	116138	116149	116160
T4 NC_000866.4	(115331)	GTTCTCTATTCAATTGTTATTGGTTGTTATTGGATGGACTTAGATTCATTATACCACGTTTTAACGTGAAGCATTATACTCTATTACTGGAAGCCA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1211									
	(116161)	116161	116171	116182	116193	116204	116215	116226	116237	116256	
T4 NC_000866.4	(115427)	GCTGCAGTTTTATCTGCTCAATATCATCAGGATTATCGATGACCGAAAAGCGTATTTCTACTATCAGAGTATAATCGTCATAAACGGGTATCACAT									
SARS-CoV-2 NC_045512.2	(29904)	-----									

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										Section 1212	
	(116257)	116257	116270	116281	116292	116303	116314	116325	116336	116352	
T4 NC_000866.4	(115523)	TAACTGCTAATTTATCAATACGTGGCTCATAGTTTCTTACTGCGCTTTCGATATTGCGTTCAACCGTGTCAGCAGTAAGAGGAGTCATATTTTCAA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1213	
	(116353)	116353	116358	116369	116380	116391	116402	116413	116424	116435	116448
T4 NC_000866.4	(115619)	AAAGCTGGTCTGATAAATCACATCCAAATTCAGGGTCAAACGGTCTTGAACCTTTTCTTGTGTAATAATTCCCAAAGACTGTTTTTAATTGACC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1214	
	(116449)	116449	116457	116468	116479	116490	116501	116512	116523	116544	
T4 NC_000866.4	(115715)	TTAATCCAAGCGATCTGGAAACGTCTTTGTTCCAATCCATTTTCATTTCCGGGTCAATATCAGAATAAAGCTTATTAATATTTGCCATTATAGTAA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1215	
	(116545)	116545	116556	116567	116578	116589	116600	116611	116622	116640	
T4 NC_000866.4	(115811)	CTCAAAGAACTCTTTGAGGCCTCTTATTACGTGAGCATGGGTTTTTCCACACTCTGGACACTTAATTGGAACAGCCAAATAAACGGTAGGCTTTAA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1216	
	(116641)	116641	116655	116666	116677	116688	116699	116710	116721	116736	
T4 NC_000866.4	(115907)	AAGCATATCTTTTATAGCTACAATATCTGACTCTGTGATGATAGAATATAAATCTTCTAGTTCCTTTTCATTTAAGTCTTCAACTGGAATGCTTTC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1217	
	(116737)	116737	116743	116754	116765	116776	116787	116798	116809	116820	116832
T4 NC_000866.4	(116003)	CCCGTTAGCATGAATCGTTTCTATACATGATACTATCATGTGGGCTATATTTTATCATCAAAAATTTTAGGGTATCGGAATTTAATTTTAATGTC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1218	
	(116833)	116833	116842	116853	116864	116875	116886	116897	116908	116928	
T4 NC_000866.4	(116099)	ACCTAGTGTATACCAGAGGTCTTCTGGTGCATCTATTTGTGTATGTAATAGATTTATATGGGTTGGTATTTTCAGTTCCACAGGTGCACTTCCAGGA									
SARS-CoV-2 NC_045512.2	(29904)	-----									

SARS-CoV-2 & T4.apr

										Section 1219
	(116929)	116929	116941	116952	116963	116974	116985	116996	117007	117024
T4 NC_000866.4	(116195)	GTTTTTCGTGATTAACTTCACCGAGAGAATGTGCCCATAAATGAATCAACAATAGTTCTGATTCTTGCGGTTTAAATCTTTTGCATTTGTGCAGTC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1220
	(117025)	117025	117040	117051	117062	117073	117084	117095	117106	117120
T4 NC_000866.4	(116291)	TTTGATTAGCTTTTAAACAATTACTTCTACGGAACCATTATTTTTTGGCAGTAATAAGTTCTAGATATTCTTTAAGCGTGAATGCGCGACAATTGAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1221
	(117121)	117121	117128	117139	117150	117161	117172	117183	117194	117205 117216
T4 NC_000866.4	(116387)	TATTTTAGAACCAACTCTCACATCAAATTTGTATTTCATACATATTTAGCTCCTTTATTTATCATATTTATAAATAGAATAAAAGGAGCATCTATGG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1222
	(117217)	117217	117227	117238	117249	117260	117271	117282	117293	117312
T4 NC_000866.4	(116483)	CAAACATTATTCGTTGTAAATTACCAGATGGTGTTCATCGTTTTAAACCATTTACGGTAGAAGATTATCGAGATTTTTTGTAGTTCGAAACGATA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1223
	(117313)	117313	117326	117337	117348	117359	117370	117381	117392	117408
T4 NC_000866.4	(116579)	TAGAACATCGGTCACCACAAGAACAAAAGCAAATAATTACTGATTTAATTGATGATTATTTTGGAGACTATCCGAAGACTTGGCAACCATTATAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1224
	(117409)	117409 117414	117425	117436	117447	117458	117469	117480	117491	117504
T4 NC_000866.4	(116675)	TTTTGCAGGTATTTGTAGGGTCAATAGGTAAACTAAAGTACGGTCACATTTATATGTCCAAAATGTAAAAAGAAAAGACAGTTCCATTTGAAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1225
	(117505)	117505	117513	117524	117535	117546	117557	117568	117579	117600
T4 NC_000866.4	(116771)	TATATCAAAAAGAATTAAAGGACCTTGTTTTTGTAGTGTAGCTAATGTTAAATTAATTAAGTTTCCTTCTGAGTTTTATGAAAATAAAGCAAAGA								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1226
	(117601)	117601	117612	117623	117634	117645	117656	117667	117678	117696
T4 NC 000866.4	(116867)	TGATTACTGAAAAATATTCATTCTGTTCAAGTAGATGAAATATGGTATGATTGGAAGGAAATTAGCGAGTCCAGTCAAATAGAAGTCTGACGCCA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1227
	(117697)	117697	117711	117722	117733	117744	117755	117766	117777	117792
T4 NC 000866.4	(116963)	TCGAGATAGAAACATTAGAAAAAATTCTCGATGCAATGAATCCTATTAATTTAACTCTACACATGTCATGCTGTAATAAGTACATTAAAAAATACA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1228
	(117793)	117793	117799	117810	117821	117832	117843	117854	117865	117876 117888
T4 NC 000866.4	(117059)	CTGATATAGTAGACGTGTTTAAAGCTATTAGTTAACCCAGATGAGATATTTACTTTTTATCAAATTAATCACACACTCGTAAAAAGTAATTATAGCT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1229
	(117889)	117889	117898	117909	117920	117931	117942	117953	117964	117984
T4 NC 000866.4	(117155)	TAAATTCAATAAGTAAAAATGATTCCCTGCCGAGCGCGGATTTCGTATTAAGTATGATTGAGAAGGATAAACAATAATGAGTATGTTGCAACGCCCGG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1230
	(117985)	117985	117997	118008	118019	118030	118041	118052	118063	118080
T4 NC 000866.4	(117251)	ATATCCAAATCTCAGCGTTAAATTATTTGATAGCTACGACGCTTGGAGTAATAATAGATTTGTTGAATTAGCTGCTACTATTACCACATTAAGTAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1231
	(118081)	118081	118096	118107	118118	118129	118140	118151	118162	118176
T4 NC 000866.4	(117347)	GCGGGATTCTCTTTATGGCCGAAATGAAGGAATGCTGCAGTTTTATGATTCTAAAAACATCCATACAAAAATGGATGGAAATGAAATAATTCAGAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1232
	(118177)	118177	118184	118195	118206	118217	118228	118239	118250	118261 118272
T4 NC 000866.4	(117443)	TTCTGTAGCTAATGCAATGATATTAATAATGTTAAACACGAATTTATGGATGTAAGCATTTTTCCGTGTCAGTAGATTCAAAGGTGATAACAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1233
	(118273)	118273	118283	118294	118305	118316	118327	118338	118349	118368
T4 NC 000866.4	(117539)	CATTGCTATTGAATTGGGAAC TATTCATTCTATAGAAAATCTTAAATTTGGTAGACCATTTTCCCTGATGCAGGTGAATCTATAAAAGAAATGCT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1234
	(118369)	118369	118382	118393	118404	118415	118426	118437	118448	118464
T4 NC 000866.4	(117635)	TGGTGTCAATTTATCAGGATCGCACATTATTA ACTCCAGCAATAAATGCTATAAATGCTTATGTTCCCTGATATTCCATGGACTAGCACATTTGAAAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1235
	(118465)	118465	118470	118481	118492	118503	118514	118525	118536	118560
T4 NC 000866.4	(117731)	CTATTTGTCATATGTAAGAGAAGTTGCTCTAGCTGTAGGAAGCGACAAATTTGTATTTGTATGGCAAGACATCATGGGCGTTAACATGATGGACTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1236
	(118561)	118561	118569	118580	118591	118602	118613	118624	118635	118656
T4 NC 000866.4	(117827)	TGATATGATGATAAATCAAGAACCATATCCAATGATTGTCGGTGAGCCATCTTTAATAGGTCAATTCATCCAAGAATTAAATATCCATTAGCATA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1237
	(118657)	118657	118668	118679	118690	118701	118712	118723	118734	118752
T4 NC 000866.4	(117923)	TGATTTTCGTTTGGTTGACTAAATCGAATCCTCACAAACGTGACCCAATGAAAAACGCTACTATCTATGCGCATTTCATTTTGTAGATTCTTCAATACC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1238
	(118753)	118753	118767	118778	118789	118800	118811	118822	118833	118848
T4 NC 000866.4	(118019)	AATGATTACTACAGGAAAGGGTGAAAAC TCTATTGTGGTGTCAAGGTCAGGTGCTTATTCTGAAATGACTTATAGGAATGGATATGAAGAAGCTAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1239
	(118849)	118849	118855	118866	118877	118888	118899	118910	118921	118944
T4 NC 000866.4	(118115)	TCGTCTTCAAAC TATGGCACAAATATGACGGCTATGCTAAATGTTCTACTATCGGTAATTTTAACTTGACTCCTGGTGTTAAAATTATTTTAAATGA								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

		Section 1240								
	(118945)	118945	118954	118965	118976	118987	118998	119009	119020	119040
T4 NC 000866.4	(118211)	TAGTAAAAACCAATTTAAACAGAATTTTACGTTGATGAAGTTATCCATGAATTATCCAATAATAATTCAGTAACTCATCTATATATGTTCACTAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
		Section 1241								
	(119041)	119041	119053	119064	119075	119086	119097	119108	119119	119136
T4 NC 000866.4	(118307)	TGCAACGAAACTGGAAACAATAGACCCAGTTAAGGTTAAAAATGAATTTAAATCTGATACTACCACTGAAGAAAGTAGTTCTTCCAATAAGCAATA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
		Section 1242								
	(119137)	119137	119152	119163	119174	119185	119196	119207	119218	119232
T4 NC 000866.4	(118403)	AAGAAGTTTCTATTCTTAAATGGGTCTTAAACATTATAACATTTTAAAGATGTTAAAGGTCCTGATGAAAATTTAAACCTTCTCATTGATTCTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
		Section 1243								
	(119233)	119233	119240	119251	119262	119273	119284	119295	119306	119317 119328
T4 NC 000866.4	(118499)	TTTGTCCGAATTTATCACCAGGAGAAAGTTGATTTTCGTTTCTATTCATTTATTGGAATTTAATGGAAAGATTAAATCTCGTAAAGAAATAGATGGTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
		Section 1244								
	(119329)	119329	119339	119350	119361	119372	119383	119394	119405	119424
T4 NC 000866.4	(118595)	ATACCTTATGACATTAATGATGTTTATGTATGCCAAAGATTGGAATTTCAATACCAAGGAAATACATTTTATTTTAGACCTCCTGGAAAATTTGAAC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
		Section 1245								
	(119425)	119425	119438	119449	119460	119471	119482	119493	119504	119520
T4 NC 000866.4	(118691)	AATTTTTTAACGGTGAGCGATATGTTATCTAAATGCTTACTTAGGGTCAACGATGAAGTTAAAGAAATTAATTTTCTTGAGATGCCAGCATTTCGTTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
		Section 1246								
	(119521)	119521	119526	119537	119548	119559	119570	119581	119592	119603 119616
T4 NC 000866.4	(118787)	TAAATGGGCAAATGATATTTTACAACCTTAGCAATTCCTGGCCCTAATGGTCCAATAACTGGAATTGGCAATATTATTGGATTATTTGAATGAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

		Section 1247							
	(119617)	119617	119625	119636	119647	119658	119669	119680	119691
T4 NC 000866.4	(118883)	AAAGCCACAAGAAATGCAAACGATGCGTAGAAAAAGTTATTTTCAGATAATAAACCAACACAGGAAGCGGCTAAATCCGCTTCTAATACTTTATCTGG							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1248							
	(119713)	119713	119724	119735	119746	119757	119768	119779	119790
T4 NC 000866.4	(118979)	GCTTAATGACATATCTACGAAATTGGATGATGCTCAAGCTGCTTCTGAATTAATAGCTCAAAGTGTCTGAAGAAAAATCGAATGAAATAATTGGAGC							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1249							
	(119809)	119809	119823	119834	119845	119856	119867	119878	119889
T4 NC 000866.4	(119075)	AATTGACAATGTAGAAAGCGCAGTGAGTGATACATCTGCCGGTTCTGAGTTAATTGCTGAAAGTGTCTGAAGTTGGCAACAATATTAATAAAGAAAT							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1250							
	(119905)	119905	119911	119922	119933	119944	119955	119966	119977
T4 NC 000866.4	(119171)	CGGTGAATCGCTCGGAAGCAAATTAGATAAATTAACAAGTTTACTAGAGCAAAAAATCCAGACAGCTGGAATTCAACAGACTGGAAGTACTTTAGC							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1251							
	(120001)	120001	120010	120021	120032	120043	120054	120065	120076
T4 NC 000866.4	(119267)	TACGGTTGAAAGCGCTATTCTGTAAAGTCGTTGAGGATGATACTGCTGAATCTGTGGGTCCTTTATTACCAGCTCCTGAAGCAGTTAATAATGA							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1252							
	(120097)	120097	120109	120120	120131	120142	120153	120164	120175
T4 NC 000866.4	(119363)	TCCTGACGCTGATTTTTTCCCTACCCCTCAGCCAGTTGAGCCAAAGCAAGAATCACCAGAAGAAAAACAGAAAAAGAAGCATTTAACTTAAATT							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1253							
	(120193)	120193	120208	120219	120230	120241	120252	120263	120274
T4 NC 000866.4	(119459)	ATCTCAAGCTTTAGATAAATTAACGAAGACTGTTGATTTTGGATTTAAAAAATCCATTTCAATTACTGATAAAATATCAAGCATGCTATTTAAGTA							
SARS-CoV-2 NC_045512.2	(29904)	-----							

SARS-CoV-2 & T4.apr

										Section 1254
	(120289)	120289	120296	120307	120318	120329	120340	120351	120362	120373 120384
T4 NC 000866.4	(119555)	CACCGTCAGTGCTGCTATTGAAGCTGCTAAAATGACTGCAATGATATTGGCTGTTGTTGTTGGAATAGACCTTTTGATGATTCACCTTTAAATACTG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1255
	(120385)	120385	120395	120406	120417	120428	120439	120450	120461	120480
T4 NC 000866.4	(119651)	GTCAGATAAAATTTTCAAAGCCTGGGATTTGTTTAGTACAGACTTTACCAAATTCTCTAGCGAAACCGGAACCTTGGGGTCCTTTATTACAGAGCAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1256
	(120481)	120481	120494	120505	120516	120527	120538	120549	120560	120576
T4 NC 000866.4	(119747)	CTTTGATTCTATTGATAAAATTAAACAACCTTTGGGAAGCGGGAGATTGGGGTGGATTGACAGTAGCTATTGTTGAAGGGCTTGGAAGGTTCTTTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1257
	(120577)	120577	120582	120593	120604	120615	120626	120637	120648	120659 120672
T4 NC 000866.4	(119843)	TAATTTAGGTGAACCTTATTCAATTAGGTATGGCTAAATTATCTGCAGCAATTCTTCGAGTCATTCTGGTATGAAGGATACTGCTGATGAAGTAGA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1258
	(120673)	120673	120681	120692	120703	120714	120725	120736	120747	120768
T4 NC 000866.4	(119939)	AGGAAGAGCATTAGAAAAATTTCCAAAATTCTACTGGAGCATCTCTCAATAAAGAAGACCAAGAAAAAGTAGCAAATTATCAAGATAAACGAATGAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1259
	(120769)	120769	120780	120791	120802	120813	120824	120835	120846	120864
T4 NC 000866.4	(120035)	TGGAGACCTTGGCCCAATAGCAGAAGGACTAGACAAAATCTCTAACTGGAAAACCTCGTGCATCTAACTGGATTCTGTTGGTGTAGATAATAAAGAAGC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1260
	(120865)	120865	120879	120890	120901	120912	120923	120934	120945	120960
T4 NC 000866.4	(120131)	GCTGACTACCGACGAAGAGCGTGCGGCAGAAGAAGAAAAATTAAAGCAACTTTCACCGGAAGAAAGAAAAAATGCTTTAATGAAGGCTAATGAAGC								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

											Section 1261
	(120961)	120961	120967	120978	120989	121000	121011	121022	121033	121044	121056
T4 NC_000866.4	(120227)	TCGTGCTGCGATGATTGTTTTGAAAAATATGCCGATTCAGCTGATATGAGTAAAGACTCAACGGTTAAATCAGTTGAAGCTGCCTATGAAGACCT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
											Section 1262
	(121057)	121057	121066	121077	121088	121099	121110	121121	121132		121152
T4 NC_000866.4	(120323)	TAAAAAACGGATGGATGACCCGGATTAAATAATTCACCGGCAGTTAAAAAGAAGTTGCTGCTAGATTTTCTAAAATTGATGCTACTTATCAAGA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
											Section 1263
	(121153)	121153	121165	121176	121187	121198	121209	121220	121231		121248
T4 NC_000866.4	(120419)	GCTCAAGAAAAATCAGCCTAATGCCAAACCTGAACTTCTGCTAAATCACCAGAAGCGAAACAAGTCCAGGTGATTGAAAAGAACAAAGCACAGCA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
											Section 1264
	(121249)	121249	121264	121275	121286	121297	121308	121319	121330	121344	
T4 NC_000866.4	(120515)	AGCTCCTGTTCAACAAGCATCTCCTTCGATCAATAATACTAATAATGTTATTAAGAAAAATACTGTCGTTTATAATATGACACCTGTAACGAGCAC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
											Section 1265
	(121345)	121345	121352	121363	121374	121385	121396	121407	121418	121429	121440
T4 NC_000866.4	(120611)	GACTGCTCCTGGTGTATTTGATGCGACTGGAGTTAATTAAGGAATAATATGGCAATTGTTAAAGAAATAACTGCTGATTTAATTAAGTCCGGT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
											Section 1266
	(121441)	121441	121451	121462	121473	121484	121495	121506	121517		121536
T4 NC_000866.4	(120707)	GAGAAAATTTTCAGCCGGACAGAGTACTAAATCAGAAGTAGGAACTAAAACATACACAGCCAGTTTCCAAGTGGGCGTGCTAGTGGTAATGACACT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
											Section 1267
	(121537)	121537	121550	121561	121572	121583	121594	121605	121616		121632
T4 NC_000866.4	(120803)	ACAGAGGACTTCCAGGTAACAGATCTATATAAGAATGGATTATTATTTACTGCATACAATATGTCATCTAGGGATTCTGGAAGTCTTAGATCGATG									
SARS-CoV-2 NC_045512.2	(29904)	-----									

SARS-CoV-2 & T4.apr

											Section 1268
	(121633)	121633	121638	121649	121660	121671	121682	121693	121704	121715	121728
T4 NC_000866.4	(120899)	AGATCTAACTACTCTTCTTCATCTTCGAGTATTTTACGTACAGCTAGAAACACTATTAGTAGTACAGTATCAAAACTATCAAATGGATTAATATCA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
											Section 1269
	(121729)	121729	121737	121748	121759	121770	121781	121792	121803	121824	
T4 NC_000866.4	(120995)	AATAATAATTTCAGGAACAATAAGTAAATCTCCTATCGCAAACATTCTTTTACCGAGATCTAAATCTGATGTTGATACATCATCATAGATTTAAT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
											Section 1270
	(121825)	121825	121836	121847	121858	121869	121880	121891	121902	121920	
T4 NC_000866.4	(121091)	GATGTTCAAGAAAGCCTTATCAGTAGAGGCGGAGGTACTGCTACTGGTGTGCTAAGTAATATTGCTTCAACCGCAGTATTTGGGGCACTGGAAAGT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
											Section 1271
	(121921)	121921	121935	121946	121957	121968	121979	121990	122001	122016	
T4 NC_000866.4	(121187)	ATAACACAAGGTATAATGGCTGATAATAATGAACAGATTTATACGACAGCCAGAAGTATGTATGGTGGTGCTGAAAATAGAACTAAAGTGTTTACA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
											Section 1272
	(122017)	122017	122023	122034	122045	122056	122067	122078	122089	122100	122112
T4 NC_000866.4	(121283)	TGGGATTTGACTCCACGTTCAACAGAAGATTTAATGGCTATTATTAATATCTATCAATATTTTAACTATTTTTCTTATGGTGAAACGGGTAAATCT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
											Section 1273
	(122113)	122113	122122	122133	122144	122155	122166	122177	122188	122208	
T4 NC_000866.4	(121379)	CAATATGCTGCTGAAATAAAGGGGTATTTAGATGATTGGTATCGTTCTACGTTAATTGAACCTTTATCTCCGGAAGACGCAGCTAAAAATAAAACA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
											Section 1274
	(122209)	122209	122221	122232	122243	122254	122265	122276	122287	122304	
T4 NC_000866.4	(121475)	CTATTTGAGAAAATGACATCGAGTTTAACTAACGTTCTAGTAGTTTCAAACCCGACAGTTTGGATGGTGAAAACTTTGGCGCAACATCTAAGTTT									
SARS-CoV-2 NC_045512.2	(29904)	-----									

SARS-CoV-2 & T4.apr

										Section 1275
	(122305)	122305	122320	122331	122342	122353	122364	122375	122386	122400
T4 NC 000866.4	(121571)	GATGGAAAAACGGAAATATTTGGTCCATGTCAAATACAGAGCATTAGATTTGATAAAACACCTAATGGTAACTTTAACGGATTAGCTATTGCTCCA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1276
	(122401)	122401	122408	122419	122430	122441	122452	122463	122474	122485 122496
T4 NC 000866.4	(121667)	AACCTCCCTAGTACATTTACTCTCGAGATTACTATGAGAGAAATTATCACGTTAAACCGTGCTTCTTTATATGCGGGGACTTTTTAATGTATTCTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1277
	(122497)	122497	122507	122518	122529	122540	122551	122562	122573	122592
T4 NC 000866.4	(121763)	TAGAGGAATTTAATAATCAAGCAATAAACGCAGATTTCCAACGTAATAATATGTTTAGCTGCGTTTTTGCACAACTCCATCAACTAAAAGCTCTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1278
	(122593)	122593	122606	122617	122628	122639	122650	122661	122672	122688
T4 NC 000866.4	(121859)	CGTTGATAAGTTCAATTAGCAACTTTTCTTATAATAACTTGGGCCTAAATTCAGATTGGTTAGGATTAAGTCAAGGTGATATTAATCAGGGAATTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1279
	(122689)	122689	122694	122705	122716	122727	122738	122749	122760	122771 122784
T4 NC 000866.4	(121955)	CCACGCTAATTACAGCTGGCACACAAAACTGATAAGAAAATCAGGAGTCAGTAAATATCTTATTGGTGCCATGAGTCAACGTACAGTTCAAAGTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1280
	(122785)	122785	122793	122804	122815	122826	122837	122848	122859	122880
T4 NC 000866.4	(122051)	TATTAGGCTCATTTACAGTTGGTACATATTTAATTGACTTCTTTAACATGGCATATAACTCATCTGGATTGATGATATACTCTGTAAAAATGCCAG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1281
	(122881)	122881	122892	122903	122914	122925	122936	122947	122958	122976
T4 NC 000866.4	(122147)	AGAATAGATTATCCTATGAAACTGACTGGAACATAATTCTCCTAATATTCGTATAACCGGAAGAGAATTAGACCCTTTGGTTATTTTATTAGAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1282
	(122977)	122977	122991	123002	123013	123024	123035	123046	123057	123072
T4 NC_000866.4	(122243)	TGGATTTCAGAAGCTTGTAACATATCGTGCAATGCAAGACTGGGTAACTCCGTTCAAGACCCAGTAACTGGACTGCGTGCTTTGCCACAAGATGTCG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1283
	(123073)	123073	123079	123090	123101	123112	123123	123134	123145	123156 123168
T4 NC_000866.4	(122339)	AGGCAGATATTTCAGGTTAATCTTCATTCTCGCAATGGATTACCTCATACTGCGGTGATGTTTCACGATGCATTCAATATCAGTGAGCGCTCCTGAGT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1284
	(123169)	123169	123178	123189	123200	123211	123222	123233	123244	123264
T4 NC_000866.4	(122435)	TATCATATGATGGAGATAACCAAATAACTACATTTGATGTTACTTTTGCGTACAGAGTGATGCAGGCTGGAGCAGTTGATAGGCAACGTGCGCTTG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1285
	(123265)	123265	123277	123288	123299	123310	123321	123332	123343	123360
T4 NC_000866.4	(122531)	AATGGCTTGAATCTGCTGCTATAAATGGTATTCAAAGCGTTCTCGGAAATAGTGGAGGTGTTACTGGACTATCTAATTCGCTTTTCACGACTTAGTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1286
	(123361)	123361	123376	123387	123398	123409	123420	123431	123442	123456
T4 NC_000866.4	(122627)	GATTAGGGGGAACATGCAGGAAGCATTTCAAACATTAATACTATGACAGGAATTGTCAATTCGCAGAGTAAATATTAGGAGCAATATAACAATGGG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1287
	(123457)	123457	123464	123475	123486	123497	123508	123519	123530	123541 123552
T4 NC_000866.4	(122723)	GACCGAAAGGTCCATATTTTTATTACGGAATGAAATGAAAGCAGCAACTGAAGCAACTAACTGTCTTCAATATAAACTTCAATTTTTACAGGAG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1288
	(123553)	123553	123563	123574	123585	123596	123607	123618	123629	123648
T4 NC_000866.4	(122819)	CTTCTGACTCAAATTTACCTGTTACTACACCCTGAAAAATACTTTTCAGTCTGTTCTGGCTTTGAAAAATTTTCAGAAGGAAAAATTCCGAACTTTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1289	
	(123649)	123649	123662	123673	123684	123695	123706	123717	123728	123744	
T4 NC_000866.4	(122915)	TATCTGTTCCAAAAATTTTGATAAATTCATCGTAAACCGCTTCGTTAAAAGCATTATCAGCAGGAATAACGCCTTCAACTACAAGTTCTTGACCTA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1290	
	(123745)	123745	123750	123761	123772	123783	123794	123805	123816	123827	123840
T4 NC_000866.4	(123011)	AAAAGCGTAAAGAAGATTTTCATTTTGTGTTCCCTCATGTTATGTTAGTAAGACTACTATAACACAACACGAGGGACTTGTAAGTACATTTTGAAC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1291	
	(123841)	123841	123849	123860	123871	123882	123893	123904	123915	123936	
T4 NC_000866.4	(123107)	TTTTAGTACGCGTAATAGGCATGCGTCGATTTTATACTGTTTCATTGTTTGAAGAGCAGTATCAAAAACAGCATTAAATGACACCAATTGGATTTC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1292	
	(123937)	123937	123948	123959	123970	123981	123992	124003	124014	124032	
T4 NC_000866.4	(123203)	ACCCAAGTTTTTAAAGCTTAATAATGATAGTTTCTCATTAACACCTATCATTACGATATGCATCATTTTATCGCCTGGTTTAAACGTTTTATTTGTA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1293	
	(124033)	124033	124047	124058	124069	124080	124091	124102	124113	124128	
T4 NC_000866.4	(123299)	TCACCGCCAGAGGTGTATGTACAAAATCTAAATCCAGGAAGTACACTTTCTTCACCGGCTTGAATAGCAAAAATTTGTGGTATTTTATGCTTAGGA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1294	
	(124129)	124129	124135	124146	124157	124168	124179	124190	124201	124212	124224
T4 NC_000866.4	(123395)	TTTAATGTAACAACCGGCGCCGAAGCGCCGTCAAATAATTCTGTAATAAGTTCCATGATTTATCCTTGAACGAAGTTGTAAGGCATGTTTGCAATA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1295	
	(124225)	124225	124234	124245	124256	124267	124278	124289	124300	124320	
T4 NC_000866.4	(123491)	TCTATGCAAGACGCAATAATTCCAAGAGATGATTCTACTTTCTGTTTAAACATTTGATGAAACAAATGATGCAAAGTCAACTCTATCTTCTATATCA									
SARS-CoV-2 NC_045512.2	(29904)	-----									

SARS-CoV-2 & T4.apr

										Section 1296
	(124321)	124321	124333	124344	124355	124366	124377	124388	124399	124416
T4 NC 000866.4	(123587)	CCTGTCATTGTAACCAATTCAACCAGTTTCCATTAAATGGTCTCCGTCATAGATTACCGATTTCGGTGAGTTCTTCTGTGGTCATAACTTCAGCTTGA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1297
	(124417)	124417	124432	124443	124454	124465	124476	124487	124498	124512
T4 NC 000866.4	(123683)	ATAAGCTTGTTGTTAGTTTAACTGTTCCATCATTGTAAGATGCATCGGTTATTTTATTAACCTTGACCATTAATCCACGTGGCAAATGACTTCC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1298
	(124513)	124513	124520	124531	124542	124553	124564	124575	124586	124597 124608
T4 NC 000866.4	(123779)	ATTTTCATTTGAAGGCGCTAAACTTCCACCGGGTAAACAACATTGACCTTATCAGCCCCAGTAATAACCCATCCAATTCCAACATAAATTATCGCTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1299
	(124609)	124609	124619	124630	124641	124652	124663	124674	124685	124704
T4 NC 000866.4	(123875)	GAATTTACAAGTCCTTCATCAGTTTTATCAATAGAAACGCTTAAACGCTTTTCGTCTGGTAAACACCTATAGATGAATCAGTCATCCAAGTACCA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1300
	(124705)	124705	124718	124729	124740	124751	124762	124773	124784	124800
T4 NC 000866.4	(123971)	AAAATATTTGGATATAATGATGTTGACACAAAGTTTCTAAAATAAAAACTCGATTTTTTACCATTGCTTCGTATATTGAAGGTAACATTTCGTTGT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1301
	(124801)	124801 124806	124817	124828	124839	124850	124861	124872	124883	124896
T4 NC 000866.4	(124067)	GAACGATACAAAGTAATACCTTTTGGTAATCGTTCACCATTTTTAAAGGCTGAATCTAAATTATCAATAGCTTTTTCTATGTGAGATGCTGTCAAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1302
	(124897)	124897	124905	124916	124927	124938	124949	124960	124971	124992
T4 NC 000866.4	(124163)	ATACTTGTCACGCTCATCTGGATTATATAATCCCAAAGAGCATTATTTATGTCTACATATCCTGAACCTACGTATTCACGAATTCGCGTTTTTGC								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1303
	(124993)	124993	125004	125015	125026	125037	125048	125059	125070	125088
T4 NC 000866.4	(124259)	GCTGGTGTGATTTAGATGAATCTTTATTTTCGACTATAGGATGTAATGACCATCCAGCGGTAAGAGCATATCCACGTAATTCTCTTCGAATAATC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1304
	(125089)	125089	125103	125114	125125	125136	125147	125158	125169	125184
T4 NC 000866.4	(124355)	TTTGTTTTTATTGCATTCCAAGAATTTTGTACTAACTCATTTCAGCATCTTGGTTTAAATGCGAATGTTTGTTAATATTTCTTTCAAACCAAGCA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1305
	(125185)	125185	125191	125202	125213	125224	125235	125246	125257	125268 125280
T4 NC 000866.4	(124451)	CCCTTATATTTTTCTAAAGTATCATCGACGATAGAAGCAATAGTTTCTAAGGTTTTATTGAAGTAATAGATTCTTTTCGTAATCTTTCTAAAGCT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1306
	(125281)	125281	125290	125301	125312	125323	125334	125345	125356	125376
T4 NC 000866.4	(124547)	TTATTTTTTATTTCTGCGTTAATAATGGATTCTTTATCTTCAGGAATTATAGAAGCTTCTCTGAATGCCATCCCAGCTGTAACACTGCTAAGAGCA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1307
	(125377)	125377	125389	125400	125411	125422	125433	125444	125455	125472
T4 NC 000866.4	(124643)	TTCTCTAGTGCAAATCCTGAAGTAGAAATTACCGTTAATTCATTAGAATCAGAAATTAAAGGCGCGTCCGCTGGTTTATTTAATTCGGCCGCTGAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1308
	(125473)	125473	125488	125499	125510	125521	125532	125543	125554	125568
T4 NC 000866.4	(124739)	GCCTCAAATTTTTGAAACATTGGTGTTCAAATCTAGAAGATTCCAATGACTGACTTTGCGCAATTGCTCTACGGGAAATTTTAACTTTAACGATT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1309
	(125569)	125569	125576	125587	125598	125609	125620	125631	125642	125653 125664
T4 NC 000866.4	(124835)	ACAGCTTGGTCAGAACGTTTATCATTTTCTTGCGCAATAGATGCTGCAATTGCCTCATTTTTAGTTACTTGAGCCCCAGTATCTTTATTGATATAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1310
	(125665)	125665	125675	125686	125697	125708	125719	125730	125741	125760
T4 NC 000866.4	(124931)	ACATCACCGACCTTCGATTCAACTTTAGTAAAGAGCTCGGTACTAATTTCCGGAACCTCTGGAATGTCTTCTAGTGATACATTTTTGCGATGTATA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1311
	(125761)	125761	125774	125785	125796	125807	125818	125829	125840	125856
T4 NC 000866.4	(125077)	AGAATATATGCATACTTTTTATCGTAATCCCAGAGTTCCCTTAAGAAGGACGTATCTACCACCTGAACGACTACGGATAAGTCTATCAGCAATAACT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1312
	(125857)	125857	125862	125873	125884	125895	125906	125917	125928	125939 125952
T4 NC 000866.4	(125123)	TGAATTTGTCGAGCTTGGCCAGCAGTTTTAGACTTAAGAATACGGAGCATACAGGCATCAATTTTATACTGGCGCATTGTTTGCATTGCAACAGTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1313
	(125953)	125953	125961	125972	125983	125994	126005	126016	126027	126048
T4 NC 000866.4	(125219)	AAACTGAATTGATATAATTAATTGGGCTTGGACCAAGACCTTTTAATTTAGCAATTGAACCTTTAGCAGTTAATGTAAAAGGAACAATATGCATC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1314
	(126049)	126049	126060	126071	126082	126093	126104	126115	126126	126144
T4 NC 000866.4	(125315)	ATTTTATCGCCCATCTTTAAATCACGATTAGTATCACCTCCAGATGTATAGGTACATAAACGAAAGCCTGGTTGTTCAATTGCATCATCAACATGA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1315
	(126145)	126145	126159	126170	126181	126192	126203	126214	126225	126240
T4 NC 000866.4	(125411)	ACTGAAAAAATTTGCGGTATTTCTTCTTTGGATATAAGTTTGTAATTGGAAGAGTAGTATCTTCGTCAAATAATTCTGTAATAAGTTCCATCATA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1316
	(126241)	126241	126247	126258	126269	126280	126291	126302	126313	126324 126336
T4 NC 000866.4	(125507)	TCCTCTCTAGTGTTTATTCTATTCTATTTATAAAATTAAAGGCCCGAAGGCCTTTAATAATCTATTGGTAAGAGAGTACGATATATTTCAAACTTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1317
	(126337)	126337	126346	126357	126368	126379	126390	126401	126412	126432
T4 NC 000866.4	(125603)	GGACCTTTTTCATAAGCATCAAATGTTTCTGTGAATTTATTATAAGCATATGCATCTATAAATTCAATCATGATTTGTGATACAGAAGTAGAAACA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1318
	(126433)	126433	126445	126456	126467	126478	126489	126500	126511	126528
T4 NC 000866.4	(125699)	TCTCCACCTTCTTTTGTAGCCACGACAATTGTTTCTAAGTAAGCTTTCATAGACCAGTTACCTCATGAAAATCACCAAATACATCTTCGAATGTAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1319
	(126529)	126529	126544	126555	126566	126577	126588	126599	126610	126624
T4 NC 000866.4	(125795)	TAGCTTTAGTTTTATCTTCACGTAAACGAATCGCAATCGGAAGAAATAATTTAACGTAATCAGTGCGGCCATCAGATTTTAACCAACCGTTGCATT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1320
	(126625)	126625	126632	126643	126654	126665	126676	126687	126698	126709 126720
T4 NC 000866.4	(125891)	CGCACTCTAGAATTTTCCAATATAATAATTTTGGTTTTCCATAATGCGAGTACGGTCAAGTTCATGCGATTTTACACCGGCTTTATCTTTTAAGC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1321
	(126721)	126721	126731	126742	126753	126764	126775	126786	126797	126816
T4 NC 000866.4	(125987)	CTGAACCAGCATTTACCTTAATTTTCCACACTCTGACTCAAGAATAAATCCACCCGCTTTAGTAGGGTCTTTACGGTGAGGATAAATTCCTACAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1322
	(126817)	126817	126830	126841	126852	126863	126874	126885	126896	126912
T4 NC 000866.4	(126083)	TTTTTAAATCAACATCAATTACTTCTTTAAATTTATAAAGATTTTTTGAACGAGCATTTTCCATAATCCATCGATATTTTTGAGAATAATACCTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1323
	(126913)	126913	126918	126929	126940	126951	126962	126973	126984	126995 127008
T4 NC 000866.4	(126179)	CAAGACCTTGGTCAATATACTTTTTATAAATTACCTTAGCTTCATCTAGGTTATTTACTACCTGGTTTTCAATTAATAATTACTTTATCATATCCAG								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1324
	(127009)	127009	127017	127028	127039	127050	127061	127072	127083	127104
T4 NC 000866.4	(126275)	ATGTCATTTGTTCTAGTTTAGAAAAACGTACATCATATTTCAAACGAAATGCAGGAAGACTGTATATTTCTACCAACGGGACATAATCCCAGACCT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1325
	(127105)	127105	127116	127127	127138	127149	127160	127171	127182	127200
T4 NC 000866.4	(126371)	GAAACTTCATGCATTGTGCTTCTTTTTCAGAAATGGTTCCCTTTAAAGATTTATTGGCGATTCCATTAGAAGCAGTACGTGATTTCAGCTACTTCGG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1326
	(127201)	127201	127215	127226	127237	127248	127259	127270	127281	127296
T4 NC 000866.4	(126467)	CGAATTCTTTAGCTTTACTGTTTTTCAGGATAAGCATCAAAAAGAAAATCTAGGCCTTCTGGCTCCTTTTTAACTTGCTCATGGTATACCAATTTCGC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1327
	(127297)	127297	127303	127314	127325	127336	127347	127358	127369	127380 127392
T4 NC 000866.4	(126563)	CATCAATCAACACACCTTCTGGATGAATCTGGCGGGCTTCAGCGGTCATTTTAATTAACCTCTTCCTTAAGAAGATCTAATCCTAGATATTCATTAC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1328
	(127393)	127393	127402	127413	127424	127435	127446	127457	127468	127488
T4 NC 000866.4	(126659)	CAGCTCGTGATAAAAGACGAACATCATCTAATTCATCACCTCTAACTTCAGCAAAACACCGAGCTCCATCAGCTTTTAACTGAGCAAAGGCTGGAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1329
	(127489)	127489	127501	127512	127523	127534	127545	127556	127567	127584
T4 NC 000866.4	(126755)	ATTTGATATTCTTATTAATGCCTTTTTCATCATAAGAACTTGCGAGCATTTGAGGTTGTTTCAGGAATTAAACCTGGCCAAACTTTGTTTGCAATAG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1330
	(127585)	127585	127600	127611	127622	127633	127644	127655	127666	127680
T4 NC 000866.4	(126851)	ATACTGAAGCACCATTC AAGGTCTCGCATCATCACTCGACGCAAACTTCAACATCATCTTTTTTACCATCGGTGATATATCCAGTTAATTCCT								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1331
	(127681)	127681	127688	127699	127710	127721	127732	127743	127754	127765 127776
T4 NC 000866.4	(126947)	CAATTGCTGCATTTCCAGTCAATTTCCGAGTAGCTAATGTGAATTCAATGAAGTCAAGCATATCGGTAAGAGTCAACATTCCAAAACCTCTGGGTAG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1332
	(127777)	127777	127787	127798	127809	127820	127831	127842	127853	127872
T4 NC 000866.4	(127043)	CAATACCAGGTTTAGGCCATTTCTTGATATAATACTGTAACCCACGAGAATAAGTCAGACGATATACTCGTTTAAGCAATTCATTATCTTTATTCT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1333
	(127873)	127873	127886	127897	127908	127919	127930	127941	127952	127968
T4 NC 000866.4	(127139)	TTTCAAGAATTGCTTGCTTCTGTTTAGTTGAACCAATAGATGCTATTTTCGTTTCAAGATTTTAAAGAATCATTGTTTCATCCTTTAGAGTTTGGTTTAC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1334
	(127969)	127969	127974	127985	127996	128007	128018	128029	128040	128051 128064
T4 NC 000866.4	(127235)	AGCTCTATTATAAAATCAATTCATCATTAAGCTCAGTCAAAGACCTGTGGTACGTGGTTCTAACTTTATTTCTTGCATCCAGTGCTTGATATAAAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1335
	(128065)	128065	128073	128084	128095	128106	128117	128128	128139	128160
T4 NC 000866.4	(127331)	GAAACCTTGCTCTACACATTTTTTAAAAAATTCGTTTCGTCTTTTTTGAGCTCGGAATTCTGGATTGCATCTAAAAAATTGATTTACGTGACCGTAATC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1336
	(128161)	128161	128172	128183	128194	128205	128216	128227	128238	128256
T4 NC 000866.4	(127427)	ACGTGTAGTATTACCTTCATTTTCATAAATAGTGTGAACAACAAACATTAGAATGCTCCTTGAAAAATATTATCACCACAAGTAGGTCTATTATAC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1337
	(128257)	128257	128271	128282	128293	128304	128315	128326	128337	128352
T4 NC 000866.4	(127523)	AAATACTCTATACCGCCGGGCTTAATATAGTTCCATGTCTGAAACGGATGCGTCTGATATGGATGATATGGATTATAAGGATTAAATCCAGGAGTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

Section 1338										
	(128353)	128353	128359	128370	128381	128392	128403	128414	128425	128436 128448
T4 NC 000866.4	(127619)	CTCCAGGTAGTGTTCCAAGGAAAAGAATCGTTTTTAATCATCTTTTCAATTACATCTTTTATAGCTTTTTCACTATCAAAACTTTCTTTATTTTCC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
Section 1339										
	(128449)	128449	128458	128469	128480	128491	128502	128513	128524	128544
T4 NC 000866.4	(127715)	TTTGGTGAAAAAAGCTTATTCTCTACATCGTTCCATGTATAAACTCGCTGAGCAGTTTTTGGAAATATTGTCACGCTCTCCTCGAGCCATCCAATAC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
Section 1340										
	(128545)	128545	128557	128568	128579	128590	128601	128612	128623	128640
T4 NC 000866.4	(127811)	ACAGGAACACGTAATATTTCACTCGCGTGATCGCAGTGGTGAGCGAGATCGTCAATATAACAAATTACGTTATATTTCTCTTTTGCTTTTTTGAAC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
Section 1341										
	(128641)	128641	128656	128667	128678	128689	128700	128711	128722	128736
T4 NC 000866.4	(127907)	AACTCTTCTTTTGAAGAATCATGACTACACATCAGTACTTCTGAGAAAGCACCAGGAAAAAGAGCATTCAAATTAAATTGACGATTTAATAGAGCG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
Section 1342										
	(128737)	128737	128744	128755	128766	128777	128788	128799	128810	128821 128832
T4 NC 000866.4	(128003)	TCAATAGAATCACCCAATGCTGTAACAGCAACAAAATTATAATCTTCTTTTAATTTGTTAATTACACACAGAGCATCTTTATATGGAGACAAGTAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
Section 1343										
	(128833)	128833	128843	128854	128865	128876	128887	128898	128909	128928
T4 NC 000866.4	(128099)	CGAATAAAATCCGAACGATTGTATTTTTCAATTAACCTTGACGCCAAGTTCTTCATCACAGTTAAAGAGTTTACCAGGAGAAATAAATTTCTCATCT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
Section 1344										
	(128929)	128929	128942	128953	128964	128975	128986	128997	129008	129024
T4 NC 000866.4	(128195)	TGGATCATTTTTTAAATATGTTCTAACGGAAGATTATATTTCTGAGCAAAATAAGGAAGGCCTGATTGCCAGCTTAAACATACTCCATCAATATCA								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

Section 1345										
(129025)	129025	129030	129041	129052	129063	129074	129085	129096	129107	129120
T4 NC 000866.4 (128291)	GTTAAAATAGTAGGCTTCATAGAGAGTCTCTTAATAGGTTTAACACATCAATAAATTCAGCTTCGGTTAGTATTGTATCATCTTTTGTAGACCAC									
SARS-CoV-2 NC_045512.2 (29904)	-----									
Section 1346										
(129121)	129121	129129	129140	129151	129162	129173	129184	129195		129216
T4 NC 000866.4 (128387)	TAGCAATGCTGTGCTTCAAACTTTTCCTTTTCGAGGCTTGTAATGCATCACGAAAGCCCTTGTTTTGAATCGCTGCTTCAAAATATGCATTTGTGT									
SARS-CoV-2 NC_045512.2 (29904)	-----									
Section 1347										
(129217)	129217	129228	129239	129250	129261	129272	129283	129294		129312
T4 NC 000866.4 (128483)	ATAATTCTTTCCACGCCGGGAGTATCTTGAAAACGGAACCTCCAAGCCAAAAGAGGGTCCCACGGTCTGAGCTCTAGCATAAGACCTTCCAGCTT									
SARS-CoV-2 NC_045512.2 (29904)	-----									
Section 1348										
(129313)	129313	129327	129338	129349	129360	129371	129382	129393		129408
T4 NC 000866.4 (128579)	GTTGGGCGGCAAGCCCGGATAACCCAAATATACGACGTTGTTGTTCAACATTTTTCACCTTACACCCTTGAGGAATCCTTCAAGACCTCCAAATT									
SARS-CoV-2 NC_045512.2 (29904)	-----									
Section 1349										
(129409)	129409	129415	129426	129437	129448	129459	129470	129481	129492	129504
T4 NC 000866.4 (128675)	GAATACCATCCATAACGAAAGGCCATTGGGCGAAATTACTTAATGCACATGATGGCCACCTAAAATTGCTTCTAATCTCTAACTCAGACATTTTCA									
SARS-CoV-2 NC_045512.2 (29904)	-----									
Section 1350										
(129505)	129505	129514	129525	129536	129547	129558	129569	129580		129600
T4 NC 000866.4 (128771)	ATGCTTATAATTTCAACATCAGCCCAATGACCATAGCAAGGAAGACGAAATTCAACTGGCCAGTTAGGGTCCCTTTCTAATATAATAGACTCAACT									
SARS-CoV-2 NC_045512.2 (29904)	-----									
Section 1351										
(129601)	129601	129613	129624	129635	129646	129657	129668	129679		129696
T4 NC 000866.4 (128867)	TGTGGTTCTTCGTGTTTCATCAGTATACGGATTTTTATCTGTTACTTTATATGTGACCTTAATGTACTGAATTCCAAAAATCTTATTAATTATATTC									
SARS-CoV-2 NC_045512.2 (29904)	-----									

SARS-CoV-2 & T4.apr

										Section 1352
	(129697)	129697	129712	129723	129734	129745	129756	129767	129778	129792
T4 NC_000866.4	(128963)	ATACTAATTCCTTTAATCCGTAGATAGGAGATAATTCATCACCCATACGAAGGTCTTCATTTCCATCTACCCAGGAAACAATATAAGCCTCTTTTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1353
	(129793)	129793	129800	129811	129822	129833	129844	129855	129866	129877 129888
T4 NC_000866.4	(129059)	TTTGAATACCACTCCATTTAAATGGAGGTAGAACCCTTAGAAATTAATCCAGGTATACCAACTCCCTTTAATTCAACAGTTTGACCTAAAAAGAATT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1354
	(129889)	129889	129899	129910	129921	129932	129943	129954	129965	129984
T4 NC_000866.4	(129155)	TCATTAGAACCCTCATCTGAAAACCGTGCGATTTAACATTACCGCCGCCAATATCAGAAATGTTAATTTACGCGCAATTGAAGGGTCAATGTCAAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1355
	(129985)	129985	129998	130009	130020	130031	130042	130053	130064	130080
T4 NC_000866.4	(129251)	TTCACGATTGAGTTTAGTGATAGCTAAAGTATCACGCCCATTTACAGTACGGAACCTCTAAAGGACAAACCACATCAACGTAGTTTTTAATCGATT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1356
	(130081)	130081	130086	130097	130108	130119	130130	130141	130152	130163 130176
T4 NC_000866.4	(129347)	GCTAGTAAGTTGCAAAATGTGCAGGAAGGTCTTTAGGTGCCTTTGAGAAAACCACTTCACAGAAATTTTTCGCGGTATCAAATAAGTAGTCATAAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1357
	(130177)	130177	130185	130196	130207	130218	130229	130240	130251	130272
T4 NC_000866.4	(129443)	CATAATATTTTCCTCAGTAAGGGGCTGAAGCCCTCATTTTATTTTAAATATCAAATTCATTAAGAACTACATCAAAGATTGCTTCAAGATGCTCA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1358
	(130273)	130273	130284	130295	130306	130317	130328	130339	130350	130368
T4 NC_000866.4	(129539)	GGTTTAGCTCTGTTACTCAGAAATATGACGAATCCAAGTTTTAACTAAGAGTTTACGATTAGCACCATTCCAGCAAGGATGAGTCCCTAAATCGCGT								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

		Section 1359							
	(130369)	130369	130383	130394	130405	130416	130427	130438	130449
T4 NC 000866.4	(129635)	TGGCGGAAATCATCATCCAGAGCGATTTTGAAGTTGGAACCTTTTCATCGTGATTGAAACCGTGATACCGTTTTCAAATCGCATATAAACGTTAGTTA							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1360							
	(130465)	130465	130471	130482	130493	130504	130515	130526	130537
T4 NC 000866.4	(129731)	GGAGTCATATACTGTTCAATTTTCGCATACTGATCCATTTTGATGTTTCCAGAGGCAAATAGTATCAATAGAACCTGCAATACCATTAGAAACATAT							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1361							
	(130561)	130561	130570	130581	130592	130603	130614	130625	130636
T4 NC 000866.4	(129827)	TTACGTTCAAAGTTAATGTAGTTCATTTTTATTCTCCGAGATGTTTAATTGCGGTACAGGTATATAATATCATATCCTGTACCAAAGTAAACAATT							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1362							
	(130657)	130657	130669	130680	130691	130702	130713	130724	130735
T4 NC 000866.4	(129923)	ATTTTACTACTTTCCAATGCTGCATGTCAAGTTTACCAACTTTTTTCATCTTCTCAATTAAGCGTTCTGCACGTTGGCGAGCTGTAACATAATGCC							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1363							
	(130753)	130753	130768	130779	130790	130801	130812	130823	130834
T4 NC 000866.4	(130019)	ATTCGCCTAATTCATTTTGTTCATTTTCCAACGATTACTGTATTCAATTCATAAATCCAACCAGTAAAGAAATTATGAACCTGAATTGTAAAGG							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1364							
	(130849)	130849	130856	130867	130878	130889	130900	130911	130922
T4 NC 000866.4	(130115)	TGAAATCTGTTCCCATACCTTCTGTTGTTTCTACTTCAATAATATCACCTTCAACTGCCATTAAGAACCACATAGTTTCATCATATTTACCATTGA							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1365							
	(130945)	130945	130955	130966	130977	130988	130999	131010	131021
T4 NC 000866.4	(130211)	AGCATTTAGTTTTAACTGCAGCGTTCAGATTAATCGTTTTTCATTTTATTCTCCTTTGTTTGTGTAAGATAATACTATCACAAAGGAACCTATACTGT							
SARS-CoV-2 NC_045512.2	(29904)	-----							

SARS-CoV-2 & T4.apr

										Section 1366	
	(131041)	131041	131054	131065	131076	131087	131098	131109	131120	131136	
T4 NC_000866.4	(130307)	AAACAAC TTTGTGCAATCTTTGGAAAAATAAAAAAGGACTCCCGAAGGAGTCCTCAACTTATGCTTTCTGCTTACCAAACGAGAAGCATCATCTCG									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1367	
	(131137)	131137	131142	131153	131164	131175	131186	131197	131208	131219	131232
T4 NC_000866.4	(130403)	AAGAACC GCACGTGCTCGGCGCATGATCTTCTCAACAGTTTGATTGATACGAGAGTTTCGACCCACGCTTGTTAGCCAGCGCGTTTAGAATCACCAAC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1368	
	(131233)	131233	131241	131252	131263	131274	131285	131296	131307	131328	
T4 NC_000866.4	(130499)	TTTCTTTTCAACTGCTTTCTTTGCTTTAGCTTGTTTTGCCATTATAAAATTCTCTTTTAAATGAAAATGCAGGACTTATTGGCATTGCCTGCGCAAG									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1369	
	(131329)	131329	131340	131351	131362	131373	131384	131395	131406	131424	
T4 NC_000866.4	(130595)	CCCTCAAGGGGAACATAGGTTTTTGGATATTTAACGACCAGGATAACCATAAAACCCGTCATCATTACATTCAAGAGGTACACCGTAAACTGTCTG									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1370	
	(131425)	131425	131439	131450	131461	131472	131483	131494	131505	131520	
T4 NC_000866.4	(130691)	GGGTCTTAAAACTATAATGATTCGCAAAATCATTAATCAGACAGTTTCGACGGCTCCTCGATTTAGCTCACACTAAGGCAGTGAATCTCCAATAAATT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1371	
	(131521)	131521	131527	131538	131549	131560	131571	131582	131593	131604	131616
T4 NC_000866.4	(130787)	ACTTCAGTGTTACCACAAAGTGACGAACTGCTTTTCGTGCAGCAGAAGCCAGAGGCTTAGCATATTTAAGTTCATCTTTTTCTGAAGCTCAGCAG									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1372	
	(131617)	131617	131626	131637	131648	131659	131670	131681	131692	131712	
T4 NC_000866.4	(130883)	CTAATGCAGTTTGAGCAGGATTCAGATGTTTGAAATAACGCAGGATTTCAAGAGCTTCGGCTTCAACATCAATAGATGCGCCATAGTTTTTCGTGAC									
SARS-CoV-2 NC_045512.2	(29904)	-----									

SARS-CoV-2 & T4.apr

										Section 1373
	(131713)	131713	131725	131736	131747	131758	131769	131780	131791	131808
T4 NC_000866.4	(130979)	CATTATTCCATGCGTTTCGTTGCAGTTCAAGAGCGTGTGTAATTGTTTAATCATTAAAAATTCTCGTTAGAGATTAAACTCGGTAGTCACGTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1374
	(131809)	131809	131824	131835	131846	131857	131868	131879	131890	131904
T4 NC_000866.4	(131075)	CTTCTGAATTTTCATCTTCTTCGACAGATCTCTCAGTTGTAGACTACCACATAGAATTGTTTCGGTTAACTTATTATTCCGACACCCAATTCATATT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1375
	(131905)	131905	131912	131923	131934	131945	131956	131967	131978	131989 132000
T4 NC_000866.4	(131171)	ATTATTTATATCACTTATAAAGACACGGAATAGCTTTATAGTGACAGGTAACGAATTTTGTTTAATTTCTTTTGGCTGCTTAAGACCCAGAGCTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1376
	(132001)	132001	132011	132022	132033	132044	132055	132066	132077	132096
T4 NC_000866.4	(131267)	CAAAAGGATGCGGAACATTTTGAATTTGACCAACTGGAAGAGAAGTCAAATCACCAACTTCGCAGAAACCTTCAGGAACATCAGGACCGACAGAGT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1377
	(132097)	132097	132110	132121	132132	132143	132154	132165	132176	132192
T4 NC_000866.4	(131363)	GAACACACACAGTTTCAGGAACCTTCACCTTGAACACGTTTACCGATAATAAGTCCTGATTCTGTAACCTTCTTCATCACC GGCTTGTGCAGGTT CAG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1378
	(132193)	132193	132198	132209	132220	132231	132242	132253	132264	132275 132288
T4 NC_000866.4	(131459)	AACTAAATAACATATTCACCGACAGCACGAATTGGTAGCTGTTGTACTTCAGACATCGTTTTTCTTTTGTTAACAGATGAATTAATAATAAC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1379
	(132289)	132289	132297	132308	132319	132330	132341	132352	132363	132384
T4 NC_000866.4	(131555)	AAATAGTTCTTAAAGCATTTATTTACCAATAAATTGAAGCAAATGCTCAACTTTCATACCATTAAACGGAATCAATTTGTCAATAGAAAAACCTCG								
SARS-CoV-2 NC_045512.2	(29904)	-----								

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										Section 1380
	(132385)	132385	132396	132407	132418	132429	132440	132451	132462	132480
T4 NC 000866.4	(131651)	CCACGCACCAAGCTCAACATCAAATACTGGAATCATGTCAGTAGATTCTTTCCGAGTAGATTCAGTCAATTTGCCAGTTTGCATGGTTGGCATAAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1381
	(132481)	132481	132495	132506	132517	132528	132539	132550	132561	132576
T4 NC 000866.4	(131747)	GTCTGCATCACGAGTACCTTTCATAGTACGAATAGTACCATCAGACTTTTCAAAAACCTACGTTTGAAACACCCATGGACAATTTAGTTTTTCAAAAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1382
	(132577)	132577	132583	132594	132605	132616	132627	132638	132649	132672
T4 NC 000866.4	(131843)	TTCACGAATTGCTACTTTCTGCTCAGTTGTCAGTTTCATTTATTTACCTATTACAGTTTTAATATGAGTTGTTCCACGTTCTTTAAGGGTGGAAAG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1383
	(132673)	132673	132682	132693	132704	132715	132726	132737	132748	132768
T4 NC 000866.4	(131939)	TAATTTTTTGGCATTTCCTAAATCAGATTTCCAACCTATATGGTCTATCAATACAAACCCAATTTGTCTTATAATACTGTTTCCATTTAGAGAAAAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1384
	(132769)	132769	132781	132792	132803	132814	132825	132836	132847	132864
T4 NC 000866.4	(132035)	ATATTTCTTATACTCTACAGCAAATGAGATGTTCTCGTTAGAATAAGAACTAATTGCTGTGAGTTTACCACAAACGAAATTTTCATTATTCACCACAG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1385
	(132865)	132865	132880	132891	132902	132913	132924	132935	132946	132960
T4 NC 000866.4	(132131)	AATTCGTTGATATTTTCCCAGTTTAACTTATTCAAGTTTTTCTTAGGAACATTAAACACTTCAATACCTGCATTTTCGCAGAATATCATCCCAACCG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1386
	(132961)	132961	132968	132979	132990	133001	133012	133023	133034	133045 133056
T4 NC 000866.4	(132227)	GGTTTATTTTTGTCGTATGTTTCACAATAAACAGCTTTTTAATACCAGATTGAGCTATCGCTTTTGCGCAATCTGGACAAGGAGAAAGTGTTACA								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1387
	(133057)	133057	133067	133078	133089	133100	133111	133122	133133	133152
T4 NC 000866.4	(132323)	TACATAGTAGCACCTTCAATAGAAGAACCATTTCGTGCAGCAAACAAAATTGCATTTAGTTTCAGCATGAATTTTCATTTTTAGATGACCATTCCGAG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1388
	(133153)	133153	133166	133177	133188	133199	133210	133221	133232	133248
T4 NC 000866.4	(132419)	TGAGCACTACGATGTTCTTTGCGCCAAAACAAAACGATCAGTTGAACCAAATGATACGCATTTCAGGCTTATGACCTTGAATGATAGCATGTTTAGGC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1389
	(133249)	133249	133254	133265	133276	133287	133298	133309	133320	133344
T4 NC 000866.4	(132515)	TTATTCAACAACCATCCTTGCTCAGCAGCATAATCACAACAGTTCACACCCCCTGCGGGTGAACCATTATACCCAGTAGAAATAATACGTCCATT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1390
	(133345)	133345	133353	133364	133375	133386	133397	133408	133419	133440
T4 NC 000866.4	(132611)	TTTTCAATTACTGCTCCTACCTTCCAGGAGCAACATTTTGATTCTGCGATACTAAATATGCAATTTGAAGTACTGTACTCGCTTTCATTTTCATAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1391
	(133441)	133441	133452	133463	133474	133485	133496	133507	133518	133536
T4 NC 000866.4	(132707)	TCACCAGATAAGCAGATTTAGCAGTTTCAACACGATAAAATTTGTCGACGAAGTTTAGTTATACTTTTAATAACAGAACTAATTATATTCTGCCCAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1392
	(133537)	133537	133551	133562	133573	133584	133595	133606	133617	133632
T4 NC 000866.4	(132803)	CTTTAAAGCGGTTTTTCTTATCAATAAAAACTGCGCCAGTCATCTTTTTGTGAAGCTCAACTGGATACTTCGTCACAATAATAGCATCATAACAG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1393
	(133633)	133633	133639	133650	133661	133672	133683	133694	133705	133728
T4 NC 000866.4	(132899)	AAGGATGAATACTATTACCCAGAGTATCATTCATTAAAGTTATTCTAATGAACTGTGCTGTTTCAGAATCAAGCGCTCTATGATCGCCAGTATCAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1394
	(133729)	133729	133738	133749	133760	133771	133782	133793	133804	133824
T4 NC 000866.4	(132995)	TTTCAAGACAATTATCAATTATATCAGTTAAATTCATCATAGTACGCCATACACCCTTTGTGCTTCAACTAATCCATCAAAATCCAGTTTAAGATG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1395
	(133825)	133825	133837	133848	133859	133870	133881	133892	133903	133920
T4 NC 000866.4	(133091)	CGATATTTGATCGCCATCACCTGGATTCAACAATTACTAATACTGAACGAGGAGTTTCGGTAATAACACGAACCGATGTTTCAGGAAATCGTTCAGA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1396
	(133921)	133921	133936	133947	133958	133969	133980	133991	134002	134016
T4 NC 000866.4	(133187)	AACCTTATTTACTAATTCCTGCGCAAATAGTTTAACTTTTTCTTGGAATTCCTTTAACAGTAATCGGTTTTTCACTTAGCAACATTTTGTTCCT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1397
	(134017)	134017	134024	134035	134046	134057	134068	134079	134090	134101 134112
T4 NC 000866.4	(133283)	CATTTGTTTTGGTAGAGCTATAATATCACAACTCTACCGTAAAGTAAACCATTAAATCGCTTTGAATTCGCGAGTTTGAGATTCAAAGCGAATATC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1398
	(134113)	134113	134123	134134	134145	134156	134167	134178	134189	134208
T4 NC 000866.4	(133379)	GCCTTTGATAACAAGCTCAGCATCAAGACCAAATACGACAATGATATGCGCGGAACCTGGATACAGTGTAATGGCAATAGAATCCACCTGGTCTGG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1399
	(134209)	134209	134222	134233	134244	134255	134266	134277	134288	134304
T4 NC 000866.4	(133475)	AAGCAAAGTGTTCAATACATGAGTCACTTGAGCATGGATTCTGAAGCTCAGCTGCGTTATCAAGTTTTTCAAACATATTATTAGCGATAATTTGGCT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1400
	(134305)	134305	134310	134321	134332	134343	134354	134365	134376	134387 134400
T4 NC 000866.4	(133571)	AAACACTACTTCTACGATTTTAGAGTAAGTCGGAAACATATTTACCTCACATAATTTTCTTCAAGCCAATCAATAACATCCAACGCATTATCAAAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1401
	(134401)	134401	134409	134420	134431	134442	134453	134464	134475	134496
T4 NC 000866.4	(133667)	GTTGAACCATCTACTCTGTCTTCTGTTTCATAATCAAGAACATCTAGGCCTACTCTCCGTCAACAATAGGCCATAGACAAAATAGATATTTCTTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1402
	(134497)	134497	134508	134519	134530	134541	134552	134563	134574	134592
T4 NC 000866.4	(133763)	TCTTTTTCAATTTTATCACAAGACGATAAATCTTTTCTAGGTTATTCATAAGTTTTCCATGGTAAAGGCAGTTTAGTTTTCTTTACTACTAGTTCT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1403
	(134593)	134593	134607	134618	134629	134640	134651	134662	134673	134688
T4 NC 000866.4	(133859)	AACATCGGGATTCTTTTCTCTTAATTTAAGACATTCTCTCCCATGCTCTATTTTCTACTAGTAAATACACAAAATTGCCCATTTACTAGTACCAACTAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1404
	(134689)	134689	134695	134706	134717	134728	134739	134750	134761	134784
T4 NC 000866.4	(133955)	ACCGCTATTTACAATAACAATAGCCCAAGTTTCATGGTGCCAAGCCATTAAAAATCTCCCGAAGCGACTTGCCAGCATTCAACACCGGATACGACGC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1405
	(134785)	134785	134794	134805	134816	134827	134838	134849	134860	134880
T4 NC 000866.4	(134051)	CACATTTCAACTACTTGAGTTCGGTCATCAATAGCTAATTTACGTCAAAATGCGGTGCAATGTGTTTCCAGAAAATTTCTTCTTTAACTACATCG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1406
	(134881)	134881	134893	134904	134915	134926	134937	134948	134959	134976
T4 NC 000866.4	(134147)	TCTTTACGGGTATCGCCTTGTTTCGCGCTGACATTGCATAACTAATGGAACGCCAGCAATGTCCTCAACCCATTTACGGGTCATACGATAATATTTCT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1407
	(134977)	134977	134992	135003	135014	135025	135036	135047	135058	135072
T4 NC 000866.4	(134243)	GTTGGGTCTTCTTTAGTTCCACTTTCACGACCTGAAACGACTACGATTTGATAACCCATAAGAGCATACATCTTAGACAGTTCAACAACCATAGGA								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1408
	(135073)	135073	135080	135091	135102	135113	135124	135135	135146	135157 135168
T4 NC 000866.4	(134339)	TTGATAACATCGGTATCGCATTTTTCAAGGTCATAAGGACCACGACCATTTCATTTTAGCTAGTGTACCATCAACATCAAAAATAACTGCTTTTGGT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1409
	(135169)	135169	135179	135190	135201	135212	135223	135234	135245	135264
T4 NC 000866.4	(134435)	TTACCAGGAGTCCCATTATATACTGGAAGACCGAGATACTCTCGCATGCTTTTATACATTGAACGTAAACATCAATTGGTACTGCTTTAGTTCCG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1410
	(135265)	135265	135278	135289	135300	135311	135322	135333	135344	135360
T4 NC 000866.4	(134531)	CGTTTTGAGTTACGTTTAACCAATTCAGTCCAAGGAACATCAAACACTTTATGTTCAACTTTCCAGCCGTATTCTTTGGCAAAAGTTTCCCATGCT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1411
	(135361)	135361	135366	135377	135388	135399	135410	135421	135432	135443 135456
T4 NC 000866.4	(134677)	AGGCGACGTTTCAGGATTCAGGTTAGTATCTGAAATGATTACTCCCTTAACAGAATCGCCACCGTACAGAATACTTTTAGCTGTATCAAACATGCATA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1412
	(135457)	135457	135465	135476	135487	135498	135509	135520	135531	135552
T4 NC 000866.4	(134723)	CCAGTTACGATACCTTCTTTCTTTTGGTATACTTGTACTCATCGCGTTCTTCATGCGCCATAATAGATTGGCGATAGTCATCACGATTGATATTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1413
	(135553)	135553	135564	135575	135586	135597	135608	135619	135630	135648
T4 NC 000866.4	(134819)	TAAACCCCGGGATTCTTAGCAATAAATTCACGAGCCCAAGTACTCTTACCAGAACCAGGACAGCCAATAGTCAAAATAATCTTTTTCATTTATTTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1414
	(135649)	135649	135663	135674	135685	135696	135707	135718	135729	135744
T4 NC 000866.4	(134915)	TTCTCAACTAATGATTGAATATAATCATGTAGGTCTTTAGATGCTTTACCCCACTTATTTTGATATTCATTTTGGAGATTAGCACGTGATTGAGCT								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

		Section 1415									
	(135745)	135745	135751	135762	135773	135784	135795	135806	135817	135828	135840
T4 NC 000866.4	(135011)	AATAAAACATCATTAGTTGGAGGTAAAGATTCTAACCGCTGAATCTGGCGTCCATAAAATCATTGCAGCCATCTCGGATTCATAAATCAATCCTTTG									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1416									
	(135841)	135841	135850	135861	135872	135883	135894	135905	135916	135936	
T4 NC 000866.4	(135107)	AGATGTTCAAATTGATGCCATGAAATCATTTACATTTATCCTCTTTTAGCTCTTGACGATAATAACATRTCATAGTTTTCTGGTCATGTACATATC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1417									
	(135937)	135937	135949	135960	135971	135982	135993	136004	136015	136032	
T4 NC 000866.4	(135203)	GTTTTACATCATTAAGCCAAATACGAAATTCCTGAGAATCTTCAAATGGCATAACCGACCCAGGCTTTACCATCAATAACTTTAACTTGCCAAGATA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1418									
	(136033)	136033	136048	136059	136070	136081	136092	136103	136114	136128	
T4 NC 000866.4	(135299)	GTTTAGCTTCATCATATGACTTTATTTGCACAGGCCAATTAGGATGAACTGTTTCTTTCTTTACTTCTAGAGGCTTTGTGCAACAACCAACTAGAA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1419									
	(136129)	136129	136136	136147	136158	136169	136180	136191	136202	136213	136224
T4 NC 000866.4	(135395)	GACCAATAGATAAATATTACTGCTGATAGTTTAATCATTTAGAAAGGTCCTGGATGTCTTCTGCGAACTTGTTGAAGGAGTTGTTGATTTGTTTTTC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1420									
	(136225)	136225	136235	136246	136257	136268	136279	136290	136301	136320	
T4 NC 000866.4	(135491)	AACCAATCCTGGCTTATGAGCCACCACATCCGCCTTCTTTGCATCTTTGCGCAGTTTTTCATTTTCACGCTCAATAGCAGCAATTGCCTCACGATT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1421									
	(136321)	136321	136334	136345	136356	136367	136378	136389	136400	136416	
T4 NC 000866.4	(135587)	TTTATTATTTCATCGCATCAATATAATTATACTGAATTCGCAAATTATTTAATGCTAAGGCGTTTTTCATTGGCCGTTTTTGTAATTTTCAGTAACTGA									
SARS-CoV-2 NC_045512.2	(29904)	-----									

SARS-CoV-2 & T4.apr

											Section 1422
	(136417)	136417	136422	136433	136444	136455	136466	136477	136488	136499	136512
T4 NC 000866.4	(135683)	TGTTTCTAATCTTTCTACCTTATGTTTTAAAAATAATAGATGTTCCGCCAAATGCTATTACAAGTAATAGCAATCCAGCTGTAAAATTACTTACATG									
SARS-CoV-2 NC_045512.2	(29904)	-----									
											Section 1423
	(136513)	136513	136521	136532	136543	136554	136565	136576	136587		136608
T4 NC 000866.4	(135779)	CATAAAGTTTTTAATAACCTCTACAATATCGTCTTGAGAAAGACCGTTAATTAAAAATATGATGTTTCAGCTGGAGATTTAGAAATTTTAAAGCATGCC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
											Section 1424
	(136609)	136609	136620	136631	136642	136653	136664	136675	136686		136704
T4 NC 000866.4	(135875)	TCAACATCTTCTGCCATATCCGATGCACTACGATTTGGATTACTAATACCAAGGCGATGTTTTCCCGTCAAAGGATTAACGATGATATAGCATTTG									
SARS-CoV-2 NC_045512.2	(29904)	-----									
											Section 1425
	(136705)	136705	136719	136730	136741	136752	136763	136774	136785		136800
T4 NC 000866.4	(135971)	CAGCTATTGATATGAACATTGGGTTGAGTCTGATTAATGAACACTTCACAATCATACTTAGCAAGTTGATTTTCTAAAAAGACTTTCATCTCTTCA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
											Section 1426
	(136801)	136801	136807	136818	136829	136840	136851	136862	136873	136884	136896
T4 NC 000866.4	(136067)	ACCGCATCAGGAAGCATATCACGGGCTTGCTCAAGACGACGATTTTCGATATTCTTTAATGGTCGTTTTCCGCTTGACTTGCTTAGCTAAATCTTTC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
											Section 1427
	(136897)	136897	136906	136917	136928	136939	136950	136961	136972		136992
T4 NC 000866.4	(136163)	TTAAGACCAGTGATATATCCAACCTCGACGATTTTCTTTGAATACAGAAATCCCATCTGTAGTATCACCGTATGCTTCAACGACCATTTTCAGTAGTA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
											Section 1428
	(136993)	136993	137005	137016	137027	137038	137049	137060	137071		137088
T4 NC 000866.4	(136259)	ATAAGTTTGTAATCCATCATAAAGTCCTCATGTTATGTCAGTAAGACTACTATAACACAACACGAGGGACTTGTAACAACCTTAGTATCCTTCTGG									
SARS-CoV-2 NC_045512.2	(29904)	-----									

SARS-CoV-2 & T4.apr

		Section 1429							
	(137089)	137089	137104	137115	137126	137137	137148	137159	137170 137184
T4 NC_000866.4	(136355)	GATAAAATTTTTTATAATTTTCAAAAAATTCTGTTTCGATTTCACACATGACCTTTTCTTGACTATCGTACCCCTGGTATAAGCTCATGATGATACC							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1430							
	(137185)	137185	137192	137203	137214	137225	137236	137247	137258 137269 137280
T4 NC_000866.4	(136451)	GAACAGGTGATCCATTCCAGCACCTTTAGCAACACCTTGTGCTTCCATTGCATAAGTCTTTCTATCCTTACC GCAATGCTTATTATGACAGTCAAG							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1431							
	(137281)	137281	137291	137302	137313	137324	137335	137346	137357 137376
T4 NC_000866.4	(136547)	AACTAAAAACAGAGCTCGGTCTAAGTACTTCAGATAAGTCGTTTCAAATGCTTCAATTTTTCTGTATGAATATTCATCGTCAGCATAACATTGCTTT							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1432							
	(137377)	137377	137390	137401	137412	137423	137434	137445	137456 137472
T4 NC_000866.4	(136643)	AAGATCATCTGATGCACCATCAATAATAGTCTTAAACAATTTTTCTGGATTATCTAATGAACTTTTGTACTATGAAGAGACACGTACCAGTCAGA							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1433							
	(137473)	137473	137478	137489	137500	137511	137522	137533	137544 137555 137568
T4 NC_000866.4	(136739)	CTTAATTTTAAAAATGAGAACCATCTTTCATCACAGCAACATAGCCTTCGATGTTTTCTGCATTTTTAGCTTCTTCTATCCATTTAGGGCTATCGAT							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1434							
	(137569)	137569	137577	137588	137599	137610	137621	137632	137643 137664
T4 NC_000866.4	(136835)	TTCGTATCGTTCAACTAGATACGGACGAAGAGTAGCATCTTTATAAATATCATCGTATGAAATGTATTACCCGTTTCGTTTTACGAACATT CAG							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1435							
	(137665)	137665	137676	137687	137698	137709	137720	137731	137742 137760
T4 NC_000866.4	(136931)	TAAAATAATTTTCATCTCTTGATAAGCAAGAACGATTCTATTCGTCGGGGCAACGAATTGCAAGTTAGCAGTAAATCCATCTTCAGCTAATTCTTT							
SARS-CoV-2 NC_045512.2	(29904)	-----							

SARS-CoV-2 & T4.apr

		Section 1436									
	(137761)	137761	137775	137786	137797	137808	137819	137830	137841	137856	
T4 NC 000866.4	(137027)	AAGTCTATCACGCAACCGATGGTGATTAATATTCATCAAAATTCCATTAGCCATTAAAGCCTGCTCAGATTTGATTGAACCCTTTGATTGAACAG									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1437									
	(137857)	137857	137863	137874	137885	137896	137907	137918	137929	137940	137952
T4 NC 000866.4	(137123)	AATTTTCATCACCGTCTAAATAAGTTGATACCAAAGACCCGTCTTCTTTTGTTAGAAATATAATCAACATCGTTTAAATCGATATTCATCGTGAACGG									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1438									
	(137953)	137953	137962	137973	137984	137995	138006	138017	138028	138048	
T4 NC 000866.4	(137219)	ATTTTCATTCAAGTTAAAAAACTTTTCCATAGGACGAGAAGCAATTCTTACTGGTTTTTCTCCATCCATTTCAAACATAATTCCACGACATTCTAG									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1439									
	(138049)	138049	138061	138072	138083	138094	138105	138116	138127	138144	
T4 NC 000866.4	(137315)	TGCATCTGGAAGTAACCAATCAGAATAAGATGCATAATTATATGAGAAAATTCTGTAAAGTTCTTCCAGATGCACTTACATCATCTGAGTAAAAAAA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1440									
	(138145)	138145	138160	138171	138182	138193	138204	138215	138226	138240	
T4 NC 000866.4	(137411)	CTTACGCTGCGAATCCTTACATAGTTCCATTAAATTGTTAAAAAGTTCTTGCATTGTGTATCCTCTTTTGTGTTTTGAATATAGTACCACACTCCA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1441									
	(138241)	138241	138248	138259	138270	138281	138292	138303	138314	138325	138336
T4 NC 000866.4	(137507)	TGTGGAAGCATCATTTTTTCTTGTGTTGAATATTCCAAGGCGGGTTAAACAGTTTAATGAATAGAGGCTCCTCTAAGTCAATCGTTGCGATTGTCA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1442									
	(138337)	138337	138347	138358	138369	138380	138391	138402	138413	138432	
T4 NC 000866.4	(137603)	TTGTACCTAACTCATTTGTCATAGAAAAGATTAAACATTGGCGGGCGTAAATTCAACTTTGCTTCCTTCCTTTAGCGCAGAATGAATTAATGCAG									
SARS-CoV-2 NC_045512.2	(29904)	-----									

SARS-CoV-2 & T4.apr

										Section 1443	
	(138433)	138433	138446	138457	138468	138479	138490	138501	138512	138528	
T4 NC 000866.4	(137699)	ATTTAGTAGAATCAGACGTTTTGTCTTTGCGGTTAATAGCAGTTCTATAATAGTTTATTCTTTTACGTAAATTTTTAGTTTTTCCAATATAAACAA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1444	
	(138529)	138529	138534	138545	138556	138567	138578	138589	138600	138611	138624
T4 NC 000866.4	(137795)	GCTCATCATTTTATAGCAATAGCATAAATTACGTTATACTTGTTTGGGAATAGATAATTGTTTTATACTTCCATTGTCGTCTAATTCTAGCTCAGTAT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1445	
	(138625)	138625	138633	138644	138655	138666	138677	138688	138699	138720	
T4 NC 000866.4	(137891)	ATTTAATAAAATGAATATTCTGTTGCAATTTCTTTTCATAATAAAATGGGCCTTGCGGCCCACTCCTTAAAAGTATTTTTTAAACTCATCATAACTT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1446	
	(138721)	138721	138732	138743	138754	138765	138776	138787	138798	138816	
T4 NC 000866.4	(137987)	TATCATCAACATCATTATCAATCTGTGCAACAAGGTAAGATGACAGTTCTACTTCTTGCGGCGCGGATTGAACATTATCAGAATTAAGATATTCAC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1447	
	(138817)	138817	138831	138842	138853	138864	138875	138886	138897	138912	
T4 NC 000866.4	(138083)	GAATCCAAGGATATGGATGTTTAACCGGAGCATCGGTAATTGGGCATGGAAGACCGCACTGTTTCATACGAGATACAGTTAAGTAATCAATAAAGC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1448	
	(138913)	138913	138919	138930	138941	138952	138963	138974	138985	138996	139008
T4 NC 000866.4	(138179)	TCCACATGCTATTTGTATTTAATCCAGGAACATCACCATCTTTAAATAAATGAACTGCCAGTCTTTTTCTGGCGGTTAACTTCCATGAAAATAT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1449	
	(139009)	139009	139018	139029	139040	139051	139062	139073	139084	139104	
T4 NC 000866.4	(138275)	CAACTGCTTCTTGTTTCACACTCTTGGGCAATTTTAACCCATTTCATCACCATCAGTACCGGATTGAAGTTGACGAATAATATATTGGGTGCCTTTAA									
SARS-CoV-2 NC_045512.2	(29904)	-----									

SARS-CoV-2 & T4.apr

										Section 1450
	(139105)	139105	139117	139128	139139	139150	139161	139172	139183	139200
T4 NC_000866.4	(138371)	GGTGAAGCTGTTTCATCACGTGCAATGAACCTTCATAATCTTGGCATTACCTTCCATGATTTCCATGTTCTTATGGAAGTTAAAGGTACCGTATGTTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1451
	(139201)	139201	139216	139227	139238	139249	139260	139271	139282	139296
T4 NC_000866.4	(138467)	GATTGAGCTCGCTAATTCTCAACCCGTTCTCTTATGAACTGCTGCATGTTACCATGCAGTCCAGACTATATCACAATCCCGGAGGGATTCTCCCCA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1452
	(139297)	139297	139304	139315	139326	139337	139348	139359	139370	139381 139392
T4 NC_000866.4	(138563)	TTTCGAGTCGCTTGACCCCTACGTCCGAAGACTAGTCGTTGAACCTTGTTTTGCAATTGTCGCCGTGCCATCGTTTATATGTTGATGGTGATAAATC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1453
	(139393)	139393	139403	139414	139425	139436	139447	139458	139469	139488
T4 NC_000866.4	(138659)	TTTCTTATCACAATATGGACAATTCAATTGAATTCTATTTGGATTTAATTTACATCTGTCATTATGTTTTAGATAAAATCCAGGACCTTTACCAAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1454
	(139489)	139489	139502	139513	139524	139535	139546	139557	139568	139584
T4 NC_000866.4	(138755)	GTGACCACAGAAATCACATGTGATTTCTTTTTGTGCAGGATGGGTCCCGTTCTTAACCATTTCTAATGTTTTTGCTGATGTTCTTTTCTTATGTTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1455
	(139585)	139585	139590	139601	139612	139623	139634	139645	139656	139667 139680
T4 NC_000866.4	(138851)	TTCCATCAGAATCTTTAGGTATAGGTCCGTTAGCATCTATCCAAATTTTTCTATAGTTCAATTGTGCATCCTCTTAAAAGTATAATCATATTTATA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1456
	(139681)	139681	139689	139700	139711	139722	139733	139744	139755	139776
T4 NC_000866.4	(138947)	TTATACTAATTAAAGGTGCAAGCAAAACCTTGCGTGCTAGTTTTCCATAAAGGACTTTCCAGCAATTAAAGGAGTTTTTCGATAAACGTTACCGTTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1457
	(139777)	139777	139788	139799	139810	139821	139832	139843	139854	139872
T4 NC 000866.4	(139043)	AAAGGCGCATTTTACGCAAAAGATACATAAAAAACGAATAGCTTCTAAGGCATTAATAACGTGCAAACAGAGGTAAAGAGATTTTCATCAGATCTCGT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1458
	(139873)	139873	139887	139898	139909	139920	139931	139942	139953	139968
T4 NC 000866.4	(139139)	TTAGCTCTTTGCTCAACGTCTTTATCAGCTAGAATTAGACCTTGGTCTTTATAATATTCAACCATGTCTTTAGCATTTTCCATTTCACGGGTTTTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1459
	(139969)	139969	139975	139986	139997	140008	140019	140030	140041	140052 140064
T4 NC 000866.4	(139235)	ACCAAGACATCATCGTAATATCGCCCAATGGACTCAGCACGTTTCATAATAGCTTCATCTAATACAATCTCATCAAACACCTTCGATGGATCAGTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1460
	(140065)	140065	140074	140085	140096	140107	140118	140129	140140	140160
T4 NC 000866.4	(139331)	TAAAGATTTGCGCATGATATGAGTATATGAACGACTGTGAATAGTTTCACTAAAAGTCCATGTAGCAACCCATGTATCAAGGCTTGGGTCTGAAATT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1461
	(140161)	140161	140173	140184	140195	140206	140217	140228	140239	140256
T4 NC 000866.4	(139427)	AATGACATAAGTACAGCAGATGGCGCACGACCCTGAATGCTATCCAAAAGTGATTGATACTTCAGGTTGTTAGTAAAAATATTTTGCTGATACTGA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1462
	(140257)	140257	140272	140283	140294	140305	140316	140327	140338	140352
T4 NC 000866.4	(139523)	GGAAGCTTATTAAATTGCGCAGCATCCATCATTAAGTTTACTTCTTCAGGACGCCAAAAAACTGATCTGCCGCTCAATGAGTTCTTCAAATACT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1463
	(140353)	140353	140360	140371	140382	140393	140404	140415	140426	140437 140448
T4 NC 000866.4	(139619)	CGATGTCGTTGAATATCATATCGAGCTAAACCTAATCCAGAACCAAAGAACATCGGTTTCATTCAAAACATCAACTGGATTGTATTAAAACTGTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1464	
	(140449)	140449	140459	140470	140481	140492	140503	140514	140525	140544	
T4 NC 000866.4	(139715)	CTCATTTAGAATCCTTAAATTTACATTTATCATAATGCCATCTTAAAGCATTGCCTTTATTAACCTTCTTACCACAGTGCGGGCAAGGTGGATACT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1465	
	(140545)	140545	140558	140569	140580	140591	140602	140613	140624	140640	
T4 NC 000866.4	(139811)	CTGCTCCTTGTTTAGTTCTCAAAGAAATCAAATCACGGGTTTCTTTAGTATGAGGAACATCTCTTGTCGGAGAAATTGTACCATACATCGGATTAA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1466	
	(140641)	140641	140646	140657	140668	140679	140690	140701	140712	140723	140736
T4 NC 000866.4	(139907)	GCACGCCGACTTTAGCAGCAGCTATATTCTTTTTAGCTTCTTCAGTTTTAGGCTTTCTCATCTTTTTCTTAGGTTTCTTCGCTTTTAGCCCTTCCT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1467	
	(140737)	140737	140745	140756	140767	140778	140789	140800	140811	140832	
T4 NC 000866.4	(140003)	TTGGTTGCCGCCGATATTTTGTGTTTGGTTTCTTCTGTTAAACGCAGACCTGTTTTCGCTTTTTGACATTTTCAGTCTCGTTTCTTCAGAAATGAC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1468	
	(140833)	140833	140844	140855	140866	140877	140888	140899	140910	140928	
T4 NC 000866.4	(140099)	CGTACCTTTGCGAAATTGCGAATTTAACTTCTTTGCATGGGCATATATTTTAGAATGAACCTTTATAATGACGTTTCTTAGTTCCTTTTCATATTGCA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1469	
	(140929)	140929	140943	140954	140965	140976	140987	140998	141009	141024	
T4 NC 000866.4	(140195)	CATCATGAAAAATGCGAATATAACAGATTTTACCGGATAAATCTTTGATAAAATAGCATGCGCTATAAAATGCTCTCTAGCTGTTAATTCAACTAA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1470	
	(141025)	141025	141031	141042	141053	141064	141075	141086	141097	141108	141120
T4 NC 000866.4	(140291)	ATTTTCTTTATCATCAGAACCTCCCATGCATCTAGGGATTATATGATGTGTCTCTTTATATTTCGGATAAAGGTTCCCGAGCCTGAGCTCGGGAAAT									
SARS-CoV-2 NC_045512.2	(29904)	-----									

SARS-CoV-2 & T4.apr

		Section 1471							
	(141121)	141121	141130	141141	141152	141163	141174	141185	141196
T4 NC 000866.4	(140387)	TAGGTCGTTATAGATTTTTTGATAATTCATTACAATTTACACGCTGCACAATCATCGGCTTTAGGAGTTTCTATTTTCATAATCATCAGTACCAGAA							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1472							
	(141217)	141217	141229	141240	141251	141262	141273	141284	141295
T4 NC 000866.4	(140483)	CCATCACGGGTATTATGATAATAGAAATTTTTAATGCCATAATACCATCCGTATAGCATGTCATCAATCATTATTGACATTGGAACCTTTCCTTTT							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1473							
	(141313)	141313	141328	141339	141350	141361	141372	141383	141394
T4 NC 000866.4	(140579)	GGAAAAATCTGCGGGTCATAATATGTATTCGCTGAAGCTGATTGACATACCCATTTTCAGCATAATAGCTACCTGCGTAAGATAAGGTTTATTACCT							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1474							
	(141409)	141409	141416	141427	141438	141449	141460	141471	141482
T4 NC 000866.4	(140675)	TTCTTAGCTAATTTCCATGTATAATCATAGAGGTCTATGTTATGCTCAATATTGGGCACGACTTGATTAAAGGAACCTCTTTTGATTCTTTAACA							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1475							
	(141505)	141505	141515	141526	141537	141548	141559	141570	141581
T4 NC 000866.4	(140771)	CTTACCGGTCCACGTGGAGGCTCGTAGCCGTTTGTACTGTTAGAACTTGGAAGATGACTCACATGGCATAAGTGCTGATAATGTGCTATTACGG							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1476							
	(141601)	141601	141614	141625	141636	141647	141658	141669	141680
T4 NC 000866.4	(140867)	ATGCCAAATAGCTTAAGGTCTTCCCGCAGCGCCGACCAGTCACAAACGTATTTTGGAGCTGCGATTTGGTCAATCTTTTTATTGTACCAGTCGATA							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1477							
	(141697)	141697	141702	141713	141724	141735	141746	141757	141768
T4 NC 000866.4	(140963)	GGTAATTCGCCCTCGAGACCAACGAGTGTCTGAATAATATCCGAAGGTCCTTTTTCTTTGGCGAGCTTAATGGATGCTTTAATGAGTCCATACTGT							
SARS-CoV-2 NC_045512.2	(29904)	-----							

SARS-CoV-2 & T4.apr

										Section 1478
	(141793)	141793	141801	141812	141823	141834	141845	141856	141867	141888
T4 NC 000866.4	(141059)	AATCTCTCAAATAGTTCATGTGTTAAATCGTTAGCATCTTCATAAGAAGCAAAGTTACTTGCCAGCCAAGCTGCATAGTTGGTAACACCTACACCG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1479
	(141889)	141889	141900	141911	141922	141933	141944	141955	141966	141984
T4 NC 000866.4	(141155)	AGGTTACGACGCTTTTTAGCTTTTTCTGCTTCAGGAACCGGATATCCTTGGTAATCCAACAGATTATCAAGAGCACGAACCTTGAACCTTCTGCCAAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1480
	(141985)	141985	141999	142010	142021	142032	142043	142054	142065	142080
T4 NC 000866.4	(141251)	TCATTAATTTTATCTTGGTCTTGCCAGTCAAAATTATCTAATACGAATGCAGAGAGAGTACACAATCCAATTTTCAGCATCAGGGCTATTACATCA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1481
	(142081)	142081	142087	142098	142109	142120	142131	142142	142153	142164 142176
T4 NC 000866.4	(141347)	TTTGTTGGAATAGCAATTTTCACAGCACAAGTTACTCTGACGAATAGGTGCCTTTTCACGAATAAACGGAGTATAGTTATTCTGATTATCAATGAAC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1482
	(142177)	142177	142186	142197	142208	142219	142230	142241	142252	142272
T4 NC 000866.4	(141443)	TGCACATAAATCCTTGCTGTTTCTGAAACGTTTCAGTCATGAGCAATTCAAATAGTTTCACGGGCTTTAATACGCTTTTTACGAATATTAGGGTCTTTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1483
	(142273)	142273	142285	142296	142307	142318	142329	142340	142351	142368
T4 NC 000866.4	(141539)	TCTGCTGCTTCGTATAATTCACGGAAACGGTCTTGGTCTTTAAAATAAGAATAATAAAGCTCGCCACCCATTTTCATGCGGACTGAACAAAGTAATG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1484
	(142369)	142369	142384	142395	142406	142417	142428	142439	142450	142464
T4 NC 000866.4	(141635)	TAATCGTTTTTTTCCAAAACGTTCCATCATCAAATCATTCAGTTGAACACCATAATCCATATGACGAATGCGGTTTTCTTCTACGCCTTTGTTATTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1485
	(142465)	142465	142472	142483	142494	142505	142516	142527	142538	142549 142560
T4 NC 000866.4	(141731)	TTCAAAACGAGAAGATTTTCAACTTCCAAATGCCAAATAGGATAATAAGCAGTAGCAGCGCCGCCACGAATTCCACCCTGTGAACATGATTTAACT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1486
	(142561)	142561	142571	142582	142593	142604	142615	142626	142637	142656
T4 NC 000866.4	(141877)	GCAGTCTGAAAAATGTTTCCAAAAAGGAATAACACCAGTATGGCGTACTTCACCCATGCCAATCTTAGAACCTTCGGCAGCAATCATACCAACGTTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1487
	(142657)	142657	142670	142681	142692	142703	142714	142725	142736	142752
T4 NC 000866.4	(141923)	ATACCAATTCCAGCGCGTTTAGAGATATATTCAACAATTGAAGCAGAAGCCTTATTGATAGACTTCAATGAATCTCCTGCCTCAATAACAACACAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1488
	(142753)	142753	142758	142769	142780	142791	142802	142813	142824	142835 142848
T4 NC 000866.4	(142019)	GAACTAAACTGTCGAGTCGGAGTACGACAACCAGCCATAATAGGAGTTGGCAATGAAATCTGTCTGAGTTGATACTGCTTCATAAAAACGGATAACA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1489
	(142849)	142849	142857	142868	142879	142890	142901	142912	142923	142944
T4 NC 000866.4	(142115)	TGTTTTAATCTATCAACAGGTTTCATCTTGATGCAGTGCCATTCCAATAGTCATAAATGCAAACGTGTGGAGTTTCATAAATTTGACCAGTGGTTTTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1490
	(142945)	142945	142956	142967	142978	142989	143000	143011	143022	143040
T4 NC 000866.4	(142211)	TCTTTAACTAGATATTTTTCTTTTAATTGCATTGCCCGGAATAAGTAAATTCCATATCCCGTTCTGTGCTTAATTTTTGATTCTAAAAATGTAATT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1491
	(143041)	143041	143055	143066	143077	143088	143099	143110	143121	143136
T4 NC 000866.4	(142307)	TCTTCTGCTGAATATTTTGACAATAATTCAGGGTCGTATTTACCTGCATTTACACAATAAGAAATATGGTCAATAAATGAACGTGGTTCATACTGC								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

Section 1492									
(143137)	143137	143143	143154	143165	143176	143187	143198	143209	143220 143232
T4 NC 000866.4 (142403)	CCATAAACATGCTTACGAAGAGCAAACATTAAACAGCGTGCAGCTACATATTGATAATCAGGTTCTTCAACCGAAATAGAATTTCGCAGCAGCCTTA								
SARS-CoV-2 NC_045512.2 (29904)	-----								
Section 1493									
(143233)	143233	143242	143253	143264	143275	143286	143297	143308	143328
T4 NC 000866.4 (142499)	ATGACAATAGTCTGAATATCATCAGTTGTCATTCCATCACGGAGATAAGATTTAATATTTTCATATAATTCATAAGGATCTACTGATGTTCCCTTCA								
SARS-CoV-2 NC_045512.2 (29904)	-----								
Section 1494									
(143329)	143329	143341	143352	143363	143374	143385	143396	143407	143424
T4 NC 000866.4 (142595)	GCTGCCCAAGATAAAACTTTAATAATTTTTGTGGGTCAAAGCTCTGAGAAACACCACTACTTTTGATAACATTAATTAATTGCATAAGTCCTCAA								
SARS-CoV-2 NC_045512.2 (29904)	-----								
Section 1495									
(143425)	143425	143440	143451	143462	143473	143484	143495	143506	143520
T4 NC 000866.4 (142691)	CTTGAAAATCGTCTTTAAACAATCGGTTAACTATATGAGCTATTATATCACCATGACACGGCTTTGGTTTACATGTGCATCCTAGCCTCATTCCAC								
SARS-CoV-2 NC_045512.2 (29904)	-----								
Section 1496									
(143521)	143521	143528	143539	143550	143561	143572	143583	143594	143605 143616
T4 NC 000866.4 (142787)	GTAAAGGCTCTAAATGTGCTTTAGTTATTTCTCCGGATTTAATTCGACGTATAAAATCTTTTTTGAATAATTCAATGGCAGCCTCCCGGCTGCCAG								
SARS-CoV-2 NC_045512.2 (29904)	-----								
Section 1497									
(143617)	143617	143627	143638	143649	143660	143671	143682	143693	143712
T4 NC 000866.4 (142883)	CATCTTTACCGACGTAATTTCCCCAAATGTACCGCGGTGAATATTAACATCAAAGTCGGATTTATATTTATTTACTACCCGGCATAGACGGCCCA								
SARS-CoV-2 NC_045512.2 (29904)	-----								
Section 1498									
(143713)	143713	143726	143737	143748	143759	143770	143781	143792	143808
T4 NC 000866.4 (142979)	CGCTGGAATAATTCGTCATATTGTTTTTCCGTTAAACAGTAATATCGTAGTAACAGTCAGAAGAAGTTTTAACTGTGGAAATTTTATTATCAAAA								
SARS-CoV-2 NC_045512.2 (29904)	-----								

SARS-CoV-2 & T4.apr

Section 1499										
(143809)	143809	143814	143825	143836	143847	143858	143869	143880	143891	143904
T4 NC 000866.4 (143075)	TACTCACGAGTCATTTTATGAGTATAGTATTTTTTACCATAAAATGGTAATAGGCTGTTCTGGTCCTGGAACCTCTAACTCGCTTGGGTTAGGAAGT									
SARS-CoV-2 NC_045512.2 (29904)	-----									
Section 1500										
(143905)	143905	143913	143924	143935	143946	143957	143968	143979		144000
T4 NC 000866.4 (143171)	GTAAAAAGAACTACACCAGAAGTATCTTTAAATCGTAAATCATATATCCTCGCAATAATAAAATTACACCGCCATCTTTCCTTTAATAGGAGGGT									
SARS-CoV-2 NC_045512.2 (29904)	-----									
Section 1501										
(144001)	144001	144012	144023	144034	144045	144056	144067	144078		144096
T4 NC 000866.4 (143267)	GTGATACATAGTTGTTAAGAACGAAATCTTTAGGCCTAAGTTTAAAGAACATATTTTAATTGTTCTTTAGTAGAAAGATATCGGAATTTATAAGGTA									
SARS-CoV-2 NC_045512.2 (29904)	-----									
Section 1502										
(144097)	144097	144111	144122	144133	144144	144155	144166	144177		144192
T4 NC 000866.4 (143363)	GACCACCTTATTACCAGCTCACAAAGCTCTTTAGGTTACAGCCTCAAATTTCTTTACATTGTTCTACGTGATTTCATATAGATATGAGTATTACCAC									
SARS-CoV-2 NC_045512.2 (29904)	-----									
Section 1503										
(144193)	144193	144199	144210	144221	144232	144243	144254	144265	144276	144288
T4 NC 000866.4 (143459)	CAGAAAATATCAAATCCCCTGGAATAAGATTACACATCTTAGCTACAATATGAACTAACGTAGCATATGACGCAATATTAAACGGTAGCATTATGT									
SARS-CoV-2 NC_045512.2 (29904)	-----									
Section 1504										
(144289)	144289	144298	144309	144320	144331	144342	144353	144364		144384
T4 NC 000866.4 (143555)	TCAGATAAGGTCGTTAATCTTACCCCGGAATTATATCCAGCTGCATGTCACCATGCAGAGCAGACTATATCTCCAACCTTGTTAAAGCAAGTTGTCT									
SARS-CoV-2 NC_045512.2 (29904)	-----									
Section 1505										
(144385)	144385	144397	144408	144419	144430	144441	144452	144463		144480
T4 NC 000866.4 (143651)	ATCGTTTTCGAGTCACTTGACCCTACTCCCCAAAGGGATAGTCGTTAGGCATTTATGTAGAACCAATTCCATTTATCAGATTTTACACGATAAGTAA									
SARS-CoV-2 NC_045512.2 (29904)	-----									

SARS-CoV-2 & T4.apr

										Section 1506
	(144481)	144481	144496	144507	144518	144529	144540	144551	144562	144576
T4 NC 000866.4	(143747)	CTAATCCAGACGAAATTTTAAAAATGTCTAGCTGCATCTGCTGCACAATCAAAAATAACCCCATCACATGAAATCTTTTAAATATTACTAGGCTTTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1507
	(144577)	144577	144584	144595	144606	144617	144628	144639	144650	144661 144672
T4 NC 000866.4	(143843)	TACCTTTCATCTTTTCTGATATTTTAGATTTAGTTATGTCTGAATGCTTATGATTAAAGAATGAATTATTTTCACCTGAACGATTTCTGCATTTAC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1508
	(144673)	144673	144683	144694	144705	144716	144727	144738	144749	144768
T4 NC 000866.4	(143939)	TACAAGTATAAGCAGAAGTTTGTATGCGAACACCGCACTTACAAAACCTTATGGGTTTCTGGATTCCAACGCCCGTTTTTACTTCCGGGTTTACTGT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1509
	(144769)	144769	144782	144793	144804	144815	144826	144837	144848	144864
T4 NC 000866.4	(144035)	AAAGAGCTTTCGACCATCAGGTCCAAGTTTAAGCATCTTAGCTTTAACAGTTTCAGAACGTTTCTTAATAATTTCTTCTTTTAAATGGATGCGTAG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1510
	(144865)	144865	144870	144881	144892	144903	144914	144925	144936	144947 144960
T4 NC 000866.4	(144131)	AACATGTATCACCAAACGTTGCATCAGCAATATTGTATCCATTAATTTTAGAATTAAGCTCTTTAATCCAAAATTTTCTCGTTCAATAATCAAAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1511
	(144961)	144961	144969	144980	144991	145002	145013	145024	145035	145056
T4 NC 000866.4	(144227)	CTTCTCATATGGAATTTCTTCCAAAATAGAACATTCAAACACATTACCATGTTTGTTAAAGACCTCTGAAGTTTTATAGAAGAATGGCATCCTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1512
	(145057)	145057	145068	145079	145090	145101	145112	145123	145134	145152
T4 NC 000866.4	(144323)	TTTCTAAATCTTTAAAAATGCCTCTTCCATCTCTTTTCAAATCTTTAGCACTTCTACATATACTTTATTGTTTAAAGTATTTTTAATCTGATAAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

Section 1513									
(145153)	145153	145167	145178	145189	145200	145211	145222	145233	145248
T4 NC 000866.4 (144419)	TTCCGCTTTTCATAAATACCTCTTTAAATATAGAAGTATTTATTAAAGGGCAAGTCCTACAATTTAGCACGGGATTGTCTACTAGAGAGGTTCCCC								
SARS-CoV-2 NC_045512.2 (29904)	-----								
Section 1514									
(145249)	145249	145255	145266	145277	145288	145299	145310	145321	145332 145344
T4 NC 000866.4 (144515)	GTTTAGATAGATTACAAGTATAAGTCACCTTATACTCAGGCCTCAATTAACCCAAGAAAACATCTACTGAGCGTTGATACCACTGCAAATCCAAAT								
SARS-CoV-2 NC_045512.2 (29904)	-----								
Section 1515									
(145345)	145345	145354	145365	145376	145387	145398	145409	145420	145440
T4 NC 000866.4 (144611)	AGCCATTACGCACATTAAACTGATAGAACATATGACAAGGCGGTAATGCCATATATTTAAGTTTCAGCTGGATTCCATGCAGAAACAATTTGACGCC								
SARS-CoV-2 NC_045512.2 (29904)	-----								
Section 1516									
(145441)	145441	145453	145464	145475	145486	145497	145508	145519	145536
T4 NC 000866.4 (144707)	TATCATTTGGCAGTTTTTTAATACGATCAATAACTTCTATAATTTGGTCTACACCACCAAAATCAGGCCACTGTTTTCCATAAATTGGACCAAGTT								
SARS-CoV-2 NC_045512.2 (29904)	-----								
Section 1517									
(145537)	145537	145552	145563	145574	145585	145596	145607	145618	145632
T4 NC 000866.4 (144803)	CACCGCTATGGTATCCTAAATCTTTTGCTTGATTTTCGTAATTTTCATCCCAGACTGTTTTGCCTTGGATTAACGAATCGTGTGTAATTAATCGTA								
SARS-CoV-2 NC_045512.2 (29904)	-----								
Section 1518									
(145633)	145633	145640	145651	145662	145673	145684	145695	145706	145717 145728
T4 NC 000866.4 (144899)	AATCATTTGACATTTGTGCTTCCTGATAAAAACCATATTAGCTCAGCAATGCAAGCTTTCCAGGCGAGCTTCTTAGTTGTTACCGCAGGAAAACCTT								
SARS-CoV-2 NC_045512.2 (29904)	-----								
Section 1519									
(145729)	145729	145739	145750	145761	145772	145783	145794	145805	145824
T4 NC 000866.4 (144995)	TAGTTAAATCCCAGCGTAATTTAGATCCGAACAGAGCAATTGTTCTGTGCCTGTACGATCATCGGTTTCATAACCATTTTCAAAAATGTCTTTAA								
SARS-CoV-2 NC_045512.2 (29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1520	
	(145825)	145825	145838	145849	145860	145871	145882	145893	145904	145920	
T4 NC_000866.4	(145091)	TTAAATCTTGGTATTGTTTCATTTATATACTGATTCCGTAAGGGTTGTTACTTCATCTATTTTATACCAATGCGTTTCAACCATTTACGCTTGCT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1521	
	(145921)	145921	145926	145937	145948	145959	145970	145981	145992	146003	146016
T4 NC_000866.4	(145187)	TATATCATCAAGAAAACCTTGCCTCTAATTGAACTGTTGAATTAACACGATGCCTTTTAACGATGCGAGAAACAACACTACTTCATCTGCATAAGGTAA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1522	
	(146017)	146017	146025	146036	146047	146058	146069	146080	146091	146112	
T4 NC_000866.4	(145283)	TGCAGCATATAACAGAGCAGGCCCGCCAATTACACTTACTTTAGAATTCTGATCAAGCATAGTTTCGAATGGTGCATTAGGGCTTGACACTTGAAT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1523	
	(146113)	146113	146124	146135	146146	146157	146168	146179	146190	146208	
T4 NC_000866.4	(145379)	TTCGCCGCCAGAAATGTAAGTTATATATTGCTCCCAAGTAATATAGAAATGTGCTAAATCGCCGTCTTTAGTTACAGGATAATCACGCGCAAGGTC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1524	
	(146209)	146209	146223	146234	146245	146256	146267	146278	146289	146304	
T4 NC_000866.4	(145475)	ACACACCACAATATGGCTACGACCAGGAAGTAATGTAGGCAATGACTGGAACGTTTTAGCACCCATAATCATAATTGTGCCTTCAGTACGAGCTTT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1525	
	(146305)	146305	146311	146322	146333	146344	146355	146366	146377	146388	146400
T4 NC_000866.4	(145571)	AAAATTCTGGAGGTCCTTTTTAACTCGTCCCATGGTAAACCATCACCTAAACCGAATGCTAATTCATTAAAGCCGTCGACCGTTTTAGTTGGAGA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1526	
	(146401)	146401	146410	146421	146432	146443	146454	146465	146476	146496	
T4 NC_000866.4	(145667)	ATAACGGAATACCAATTTAATCATTACGTAAATCCTATTTTAATTGAAAACGAATGCTTACTTGATAATTTCAATGACATACATAATATTTTCCT									
SARS-CoV-2 NC_045512.2	(29904)	-----									

SARS-CoV-2 & T4.apr

										Section 1527
	(146497)	146497	146509	146520	146531	146542	146553	146564	146575	146592
T4 NC_000866.4	(145763)	CAAACAGACTTTTTCACAATTTTCCAATCAGCTTTAAACTGCTCGACGTCAGAATGGTAAATCCAAAATCCTGCGCTTTCTCCGTCTTCATAAAGA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1528
	(146593)	146593	146608	146619	146630	146641	146652	146663	146674	146688
T4 NC_000866.4	(145859)	GGACATCCATCGCATTTCATCTTCCCATCCCATATCACGTAAAAGATGTTTCAGCTTTTTCAACAAGTTCAGAATCTTTACCGATGATATTAAAATAC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1529
	(146689)	146689	146696	146707	146718	146729	146740	146751	146762	146773 146784
T4 NC_000866.4	(145955)	CATTTACCTCTAACTTCTGAATCTTTGATGCTCTGGCGTTGTAATCTCATTTTATTCTCCTTAGCAAGCTTTAATCAAAAGATATAAACAGACCAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1530
	(146785)	146785	146795	146806	146817	146828	146839	146850	146861	146880
T4 NC_000866.4	(146051)	CATAACTGCTGCCATAATATAAGGTGCGAACATTTTCTTTTCTCCATTAGTTTTGATAGGGTAATAGTATCACACTACTACCCTGATGTAAACTAC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1531
	(146881)	146881	146894	146905	146916	146927	146938	146949	146960	146976
T4 NC_000866.4	(146147)	TTTTTGAAAGTTTTTCGCAAAAGTTCAATGATTTTCATCTACATTGTTTTCGTCAACAATGCAGTGAATTTTTGTTACGCCAGAAACCTTGTCTTTG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1532
	(146977)	146977	146982	146993	147004	147015	147026	147037	147048	147059 147072
T4 NC_000866.4	(146243)	ACTTCATCTTCTTCAGAAAGTCGGTCTTTATATTTCGCGGAAACAATAAACTCTTCTTCACTAAGTTCAAATAATCATCACCCATACCATCATCA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1533
	(147073)	147073	147081	147092	147103	147114	147125	147136	147147	147168
T4 NC_000866.4	(146339)	TTATAGATTTACCATTTAGCACAAATGATTTTCGGTTACATAATCAAAGCCATCTAACTTGATATTGATTTAACTTCAAACCAACCGCCATTTTCT								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1534	
	(147169)	147169	147180	147191	147202	147213	147224	147235	147246	147264	
T4 NC 000866.4	(146435)	TGAATGATGCCGACCATACTAGCATTGATGAACTAATATCAATGAAAGATTTAATACGATGTGGATTTAACTCGTATTTTTTGCCGATTTCATT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1535	
	(147265)	147265	147279	147290	147301	147312	147323	147334	147345	147360	
T4 NC 000866.4	(146531)	TTGATTTTCCTCATTTTAATAGGGGCTTGATAGCCCCCTTGATAATTATTGTTCAATCAGTCCCATGTAAAATTCTGCGTCTTCAGAATCCATGCCA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1536	
	(147361)	147361	147367	147378	147389	147400	147411	147422	147433	147444	147456
T4 NC 000866.4	(146627)	TCACAATATTCATTAGCCATAAAGCGGGTGAGGTCTTCAAGAGGACCTTCAATAACGATTTGAATACTCCAAAACCTTAGAATCTTGCACGCTTGTG									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1537	
	(147457)	147457	147466	147477	147488	147499	147510	147521	147532	147552	
T4 NC 000866.4	(146723)	ATACTAAGTTCAGGATAACGATTACGAATAATCTCTTCAATATATTCAAAATCAACGATGTCAATATCAACTTTAGCCATATTATTTTCCTCTTTA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1538	
	(147553)	147553	147565	147576	147587	147598	147609	147620	147631	147648	
T4 NC 000866.4	(146819)	ATTATTAGCAGTATTGCCGATAGTTGTATAGTACCATAAAGCTTTATGCTTGTAACCGTTTTGTGAAAAAATTTTAAATAAAAAAGGGGACCT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1539	
	(147649)	147649	147664	147675	147686	147697	147708	147719	147730	147744	
T4 NC 000866.4	(146915)	CTAGGGTCCCCAATTAATTAGTAATATAATCTATTAAAGGTCATTCAAAAGGTCATCCAGGTCCGTGTCATCAGCACTAGATGAACTACCAGAGCT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1540	
	(147745)	147745	147752	147763	147774	147785	147796	147807	147818	147829	147840
T4 NC 000866.4	(147011)	TGAGCTCATAAAATCATCTTCAGTTTTTGTATTGAAGTCATCAACATTGAATGCATCCAAATCATCAGCCACTTTATCAGCTTTCTTAGCAGCAGT									
SARS-CoV-2 NC_045512.2	(29904)	-----									

SARS-CoV-2 & T4.apr

										Section 1541	
	(147841)	147841	147851	147862	147873	147884	147895	147906	147917	147936	
T4 NC 000866.4	(147107)	TGCAGCAGCACCGCCCATCACAGCAGTTCCCATAACTTGACCGAATTTAGTATTAAGTTCTTCAAACGATTTGAATTTATCTTTAGAAGTCATTTCTC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1542	
	(147937)	147937	147950	147961	147972	147983	147994	148005	148016	148032	
T4 NC 000866.4	(147203)	AGAAAGGTCAACCATTGTTCGAACAGTTCTTTCTGGAAAGATTCATCGTCAATGTTTGGAATCGCAGATTGATTCAGGAATTTAGATTCATCGTAT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1543	
	(148033)	148033	148038	148049	148060	148071	148082	148093	148104	148115	148128
T4 NC 000866.4	(147299)	GTTACTAAATCCAGAACTTGTTTAACTTTTCAGTACAAAGTTAGCACCTTCCCACGGACAAGTTACATCAACTGGAGTTTCACCCATTTCAACATC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1544	
	(148129)	148129	148137	148148	148159	148170	148181	148192	148203	148224	
T4 NC 000866.4	(147395)	AACCGCAATCATTGCATTGATTTTATCCAGATTTTCTTACCAAAGCGGTATTTAAATACTTTACCTTCGTTTTCTGGAGCAGCTGGGTCTTTTAC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1545	
	(148225)	148225	148236	148247	148258	148269	148280	148291	148302	148320	
T4 NC 000866.4	(147491)	TACAAGAATGTTAGCCCAAGTAAGAAGTTTACGTTTAAACAAGACTGTACTCTTTATTGTCAGTGTTGTATAGATCATTTTTACTGATGTATTGACA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1546	
	(148321)	148321	148335	148346	148357	148368	148379	148390	148401	148416	
T4 NC 000866.4	(147587)	TACTGGGCAAGAATCGTAATCACCATGGGTAGATGAACATGTTTCAATATACCATTTACCATTTTTCTTGAAACCGTGATTTACAAGAATTGCCAA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1547	
	(148417)	148417	148423	148434	148445	148456	148467	148478	148489	148500	148512
T4 NC 000866.4	(147683)	TGGTGCTTGTTTCATCATTTTTAGACGGAAGAAAACGAATTACTGCTTGACCGTTACCCGCATTATCGAGTTTCAGTTTCCACTCGCCTTTATCTTC									
SARS-CoV-2 NC_045512.2	(29904)	-----									

SARS-CoV-2 & T4.apr

										Section 1548
	(148513)	148513	148522	148533	148544	148555	148566	148577	148588	148608
T4 NC 000866.4	(147779)	AGAAGAAAAACCTTTATTGCCATTCAGTTTAGCCATTTGTGCAGCGAGTTCAGCAGTAGATTACGTTTAAACATTTTTATTTTCCTTTTTTAATTTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1549
	(148609)	148609	148621	148632	148643	148654	148665	148676	148687	148704
T4 NC 000866.4	(147875)	ATTTAATTAACAGTTGGTGCATGACACTTTACCTCATAGCTGGCATAATTCGCAATACTCTGGGTCTTCGAGAGGTATCCAACCTGAGTTGAAAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1550
	(148705)	148705	148720	148731	148742	148753	148764	148775	148786	148800
T4 NC 000866.4	(147971)	ACTTTACCATCGATTTAGCAGTTGTATCAGTTATATTTATATTACCTTTAACTCTTCGCCATCCAGGAGTTTTACCGTACAGATTAGAGGATAATA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1551
	(148801)	148801	148808	148819	148830	148841	148852	148863	148874	148885 148896
T4 NC 000866.4	(148067)	ATAACACATAATTCTCGTAAGCAATATGAGATAATTTCCAAGACTCTATATTAGCTCGTGATGTTTTCCAAGGTCTAAATCGTACGGTTCATAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1552
	(148897)	148897	148907	148918	148929	148940	148951	148962	148973	148992
T4 NC 000866.4	(148163)	AATTAGCCAATCTCATATGCTCTCTAACTTCGGGTCTTTGGCTGGATGAGTTTCACCACTCACACCAAATCCACCACCAGCATATACCAGATTAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1553
	(148993)	148993	149006	149017	149028	149039	149050	149061	149072	149088
T4 NC 000866.4	(148259)	AATAGTCTGGATTATCTCTGGCATTACTTCAAGTTGGTATTTTCGTTCTGCTTCAATAACATCCAAGTCATCATCAATTTGAATTATTTTAACGC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1554
	(149089)	149089	149094	149105	149116	149127	149138	149149	149160	149171 149184
T4 NC 000866.4	(148355)	TCGGTTTTTGAAGCATTAGCGCATTCAAAAATCTTTTTTGTTCATGAGCTCCAGTATTCCTTTCCGGAAGAGTCATATATTATTCGGTTCTCAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								

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										Section 1555
	(149185)	149185	149193	149204	149215	149226	149237	149248	149259	149280
T4 NC 000866.4	(148451)	ATGAGCAATTTAATTTACTACCGATATAGTAGTATGGCGGAGTCTTATTTTGGACACGGTCTTCAAATGTAAACCAATATACTATATTCATATCAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1556
	(149281)	149281	149292	149303	149314	149325	149336	149347	149358	149376
T4 NC 000866.4	(148457)	TACTTGCAAGATTTTCACAGTTTCAATGAAAACATTTTGTAGCTTTCTGTGAATCAATATTTAAATTTTCTATAAGCCTTTAACTTTATAGAATAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1557
	(149377)	149377	149391	149402	149413	149424	149435	149446	149457	149472
T4 NC 000866.4	(148643)	TTATTCCAGACTAAATTATCAGTCTGTTTCATCATGTTTATCAATTATATTTAAAAACGAATCAAGCAAGATAAACGTCTCAAACGAAATTATGTTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1558
	(149473)	149473	149479	149490	149501	149512	149523	149534	149545	149556 149568
T4 NC 000866.4	(148739)	GATTGCAGAAAGTTTAAAAATATAACTTGATTGAACTTTTGGATTATACTCAAAAATTTCTTTAAAGCAGAACTTCAACTTTTTTACTAAAATAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1559
	(149569)	149569	149578	149589	149600	149611	149622	149633	149644	149664
T4 NC 000866.4	(148835)	TAAATGTTGCGAATATCTTCTTCAAACCTAAATTTAATTTGCTTTAAGCGTCCGATATATTCACGATAAAACACAAGTGCATCAGCGTCAGAGATG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1560
	(149665)	149665	149677	149688	149699	149710	149721	149732	149743	149760
T4 NC 000866.4	(148931)	TCACCAATCCAAGCATCTTGGTTAGCAACCAAATTGCTTATAAAGATTAAAGCAAGTTCCTTTAATTTATATTTTTCTGATAACTTCTGGAAAAAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1561
	(149761)	149761	149776	149787	149798	149809	149820	149831	149842	149856
T4 NC 000866.4	(149027)	TACTTATCCCTTCGCTTTTGATAAGCGGCATCAGACACCCGCATGCACCAATTATACTTAATTACATCATACTTTCCATTCATATGTTGTTTTATC								
SARS-CoV-2 NC_045512.2	(29904)	-----								

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										Section 1562
	(149857)	149857	149864	149875	149886	149897	149908	149919	149930	149941 149952
T4 NC 000866.4	(149123)	ATTAAGTATAATTTATAAACTGATTTACCATCAATGTATCTTTCACCACCAGCAGGCATGCGGAGTTTAATCATAGTAGAAAATCTAATGTATTAG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1563
	(149953)	149953	149963	149974	149985	149996	150007	150018	150029	150048
T4 NC 000866.4	(149719)	TTTTTTCACAACGAACAACAGAAGGACGTAAAAGATTTTCGTC AATAGCTTCTGACTGAATTTTTTCAATTATACCCGAAGGAATAAATTTAGCAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1564
	(150049)	150049	150062	150073	150084	150095	150106	150117	150128	150144
T4 NC 000866.4	(149315)	ATTGAGTTTCAGGAATAGAATTTTCTTCTAAGAATGCTGTTGTAGCTTCAAGATAACTCATTCCAAACTCTTCTACCATTTTTTCAATAATAAATC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1565
	(150145)	150145	150150	150161	150172	150183	150194	150205	150216	150227 150240
T4 NC 000866.4	(149411)	CATTTTCTTGCGGGTCAAGAAGCTTTGCTATTTTCATCCTTTTCTTCTTAAATTGAAAGTTCTTTTTCTGAAAGACCGGTCTCATCGACCGGACGAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1566
	(150241)	150241	150249	150260	150271	150282	150293	150304	150315	150336
T4 NC 000866.4	(149507)	TATCATTTAGAGAAAACGTGTGCATAAAGTTCAACTACCTCTTCAGTTTCAGCTTCAAACACATCACGGTTATCTTTATGATACAAAGCTAATAGA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1567
	(150337)	150337	150348	150359	150370	150381	150392	150403	150414	150432
T4 NC 000866.4	(149603)	CGATTAAACATCTTACCATCAACGCCAAGTTCATCTTTAGCACGAATTCGAATATCTTTAATCAGTTCATTATAACCGGAAATTTTCAGTTTATGA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1568
	(150433)	150433	150447	150458	150469	150480	150491	150502	150513	150528
T4 NC 000866.4	(149699)	TCAGATGCTTCTTTAATAAATTTAGCCAAGTCTTCGCCATGGATAGCTTCATCAAATTC AACCATTCTTTTTTAGCCATTATTCACCTCAAATTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

											Section 1569
	(150529)	150529	150535	150546	150557	150568	150579	150590	150601	150612	150624
T4 NC 000866.4	(149795)	CATTAATGCTATTAGTTAATTTAGAAAGACCCGCTTTTACAAAATATGAATAAATTTTGCCACGCGGTGGTAATTTATATGAATTATAGTAATTCA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
											Section 1570
	(150625)	150625	150634	150645	150656	150667	150678	150689	150700		150720
T4 NC 000866.4	(149891)	CAATGTTTGAAGCAATATTATCAGGAATATAATCAAAATCAATTAGAACTAAATTTTCTTTATAACGATTATATTCAGATTCAGTGAGAAGCACCT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
											Section 1571
	(150721)	150721	150733	150744	150755	150766	150777	150788	150799		150816
T4 NC 000866.4	(149987)	TAGCTTGCTCACGGTCATTAGCAATAGCTTCAACGATTGAAGTTTTTCATTGAAGGAGTTCGTTTCACCTTCAACTCTGGTAAACCAAAAGTCAGATC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
											Section 1572
	(150817)	150817	150832	150843	150854	150865	150876	150887	150898		150912
T4 NC 000866.4	(150083)	GTACTTTAACTGAAGCAACGTTATCCTTTTTGTGCGCTTTAAGGATTTTAGTCATACAGTCAATTTTCAGCAGAACCGCTTTTAAATTTTAACCCATT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
											Section 1573
	(150913)	150913	150920	150931	150942	150953	150964	150975	150986	150997	151008
T4 NC 000866.4	(150179)	TCTTATGCATCGGAGACCATTGCTTAACATTTGGATATTTGTGAAGCTGAGTAAAGTCACCATCTGACGAAATGATTAAAATCTTATGTCCTTCTA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
											Section 1574
	(151009)	151009	151019	151030	151041	151052	151063	151074	151085		151104
T4 NC 000866.4	(150275)	AAGAGAACTTTTTAACAAGAACAGCAATGTGGTCATCTGCTTCATACTTATCAATATCCATAACAATGTATGGCATATAAGCTTTCAATTCATCTA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
											Section 1575
	(151105)	151105	151118	151129	151140	151151	151162	151173	151184		151200
T4 NC 000866.4	(150371)	TAACTTTTATGGCTGGATTCAAAATAACCTTCCCAGTCCCAAGTAGATTCTTCTCGTGCTTTTCCACGGTTTTTCTTATAATAATAAGCGAAATCAC									
SARS-CoV-2 NC_045512.2	(29904)	-----									

SARS-CoV-2 & T4.apr

Section 1576										
(151201)	151201	151206	151217	151228	151239	151250	151261	151272	151283	151296
T4 NC 000866.4 (150467)	GACGCCAATATCCAGATTTTCGCGTTATCAATACACAGTACAATTTTAGTGTATCCAAGCGTTTTTGCTTTTTTGACATTAACTTAATTGAGTTCA									
SARS-CoV-2 NC_045512.2 (29904)	-----									
Section 1577										
(151297)	151297	151305	151316	151327	151338	151349	151360	151371		151392
T4 NC 000866.4 (150563)	ATATCAAATGACGAACCATTGATAAATTAATTTTTCTTTATCTGGGAAGTTTACCAAAGCAGTTGAAAGCGCAATTTGACTAAAGTCAATTAAGC									
SARS-CoV-2 NC_045512.2 (29904)	-----									
Section 1578										
(151393)	151393	151404	151415	151426	151437	151448	151459	151470		151488
T4 NC 000866.4 (150659)	AGATTCTTCTTTGTAATCTTCATCCAACATCATTTCTAAATCCATATGAACCTCGTTCAATTAGTGAGATTTCTATTATATACCATCCAAATCTT									
SARS-CoV-2 NC_045512.2 (29904)	-----									
Section 1579										
(151489)	151489	151503	151514	151525	151536	151547	151558	151569		151584
T4 NC 000866.4 (150755)	AAAGTAAACAAGTATAAATACTTATTATTGAAAACACAATAGGAGCCCGGGAGAATGGCCGAGATTAAAGAGAATTCAGAGCAGAAGATGGTCTG									
SARS-CoV-2 NC_045512.2 (29904)	-----									
Section 1580										
(151585)	151585	151591	151602	151613	151624	151635	151646	151657	151668	151680
T4 NC 000866.4 (150851)	GACGCAGGTGGTGATAAAATAATCAACGTAGCTTTAGCTGATCGTACCGTAGGAAGTACGGTGTTAACGTTGATTACTTAATTCAAGAAAACACA									
SARS-CoV-2 NC_045512.2 (29904)	-----									
Section 1581										
(151681)	151681	151690	151701	151712	151723	151734	151745	151756		151776
T4 NC 000866.4 (150947)	GTTCAACAGTATGATCCAACCTCGTGGATATTTAAAAGATTTTGTAAATCATTTATGATAACCGCTTTTGGGCTGCTATAAATGATATTCCAAAACCA									
SARS-CoV-2 NC_045512.2 (29904)	-----									
Section 1582										
(151777)	151777	151789	151800	151811	151822	151833	151844	151855		151872
T4 NC 000866.4 (151043)	GCAGGAGCTTTTAAATAGCGGACGCTGGAGAGCATTACGTACCGATGCTAACTGGATTACGGTTTCATCTGGTTCATATCAATTAAAATCTGGTGAA									
SARS-CoV-2 NC_045512.2 (29904)	-----									

SARS-CoV-2 & T4.apr

										Section 1583
	(151873)	151873	151888	151899	151910	151921	151932	151943	151954	151968
T4 NC_000866.4	(151139)	GCAATTTTCGGTTAACACCGCAGCTGGAAATGACATCACGTTTACTTTACCATCTTCTCCAATTGATGGTGATACTATCGTTCTCCAAGATATTGGA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1584
	(151969)	151969	151976	151987	151998	152009	152020	152031	152042	152053 152064
T4 NC_000866.4	(151735)	GGAAAACCTGGAGTTAACCAAGTTTTTAATTGTAGCTCCAGTACAAAGTATTGTAACTTTAGAGGTGAACAGGTACGTTTCAGTACTAATGACTCAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1585
	(152065)	152065	152075	152086	152097	152108	152119	152130	152141	152160
T4 NC_000866.4	(151331)	CCAAAGTCACAGCTAGTTTTAATTTTTAGTAATCGTCTGTGGCAAATGTATGTTGCTGATTATAGTAGAGAAGCTATAGTTGTAACACCAGCGAAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1586
	(152161)	152161	152174	152185	152196	152207	152218	152229	152240	152256
T4 NC_000866.4	(151477)	ACTTATCAAGCGCAATCCAACGATTTTATCGTACGTAGATTTACTTCTGCTGCACCAATTAATGTCAAACCTCCAAGATTTGCTAATCATGGCGAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1587
	(152257)	152257	152262	152273	152284	152295	152306	152317	152328	152339 152352
T4 NC_000866.4	(151523)	ATTATTAATTTTCGTCGATTTAGATAAACTAAATCCGCTTTATCATACAATTGTTACTACATACGATGAAACGACTTCAGTACAAGAAGTTGGAAC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1588
	(152353)	152353	152361	152372	152383	152394	152405	152416	152427	152448
T4 NC_000866.4	(151619)	CATTCCATTGAAGGCCGTACATCGATTGACGGTTTCTTGATGTTTGATGATAATGAGAAATTATGGAGACTGTTTGACGGGGATAGTAAAGCGCGT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1589
	(152449)	152449	152460	152471	152482	152493	152504	152515	152526	152544
T4 NC_000866.4	(151715)	TTACGTATCATAACGACTAATTCAAACATTCGTCCAAATGAAGAAGTTATGGTATTTGGTGCGAATAACGGAACAACCTCAAACAATTGAGCTTAAG								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1590
	(152545)	152545	152559	152570	152581	152592	152603	152614	152625	152640
T4 NC_000866.4	(151811)	CTTCCAAC TAATATTTCTGTTGGTGATACTGTTAAAATTTCCATGAATTACATGAGAAAAGGACAAACAGTTAAAATCAAAGCTGCTGATGAAGAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1591
	(152641)	152641	152647	152658	152669	152680	152691	152702	152713	152724 152736
T4 NC_000866.4	(151907)	AAAATTGCTTCTTCAGTTCAATTGCTGCAATTCCCAAAACGCTCAGAATATCCACCTGAAGCTGAATGGGTTACAGTTCAAGAATTAGTTTTTTAAC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1592
	(152737)	152737	152746	152757	152768	152779	152790	152801	152812	152832
T4 NC_000866.4	(152003)	GATGAAACTAATTATGTTCCAGTTTGGAGCTTGCTTACATAGAAGATTCTGATGGAAAATATTGGGTTGTACAGCAAAACGTTCCAACGTGTAGAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1593
	(152833)	152833	152845	152856	152867	152878	152889	152900	152911	152928
T4 NC_000866.4	(152099)	AGAGTAGATTCTTTAAATGATTCTACTAGAGCAAGATTAGGCGTAATTGCTTTAGCTACACAAGCTCAAGCTAATGTCTGATTTAGAAAATCTCCA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1594
	(152929)	152929	152944	152955	152966	152977	152988	152999	153010	153024
T4 NC_000866.4	(152195)	CAAAAAGAATTAGCAATTACTCCAGAAACGTTAGCTAATCGTACTGCTACAGAAACTCGCAGAGGTATTGCAAGAATAGCAACTACTGCTCAAGTG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1595
	(153025)	153025	153032	153043	153054	153065	153076	153087	153098	153109 153120
T4 NC_000866.4	(152291)	AATCAGAACACCACATTCTCTTTTGCTGATGATATTATCATCACTCCTAAAAAGCTGAATGAAAGAACTGCTACAGAAACTCGTAGAGGTGTCGCA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1596
	(153121)	153121	153131	153142	153153	153164	153175	153186	153197	153216
T4 NC_000866.4	(152387)	GAAATTGCTACGCAGCAAGAACTAATGCAGGAACCGATGATACTACAATCATCACTCCTAAAAAGCTTCAAGCTCGTCAAGGTTCTGAATCATT								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1597	
	(153217)	153217	153230	153241	153252	153263	153274	153285	153296	153312	
T4 NC_000866.4	(152483)	TCTGGTATTGTAACCTTTGTATCTACTGCAGGTGCTACTCCAGCTTCTAGCCGTGAATTAAATGGTACGAATGTTTATAATAAAAAACACTGATAAT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1598	
	(153313)	153313	153318	153329	153340	153351	153362	153373	153384	153395	153408
T4 NC_000866.4	(152579)	TTAGTTGTTTCACCTAAAGCTTTGGATCAGTATAAAGCTACTCCAACACAGCAAGGTGCAGTAATTTTAGCAGTTGAAAGTGAAGTAATTGCTGGA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1599	
	(153409)	153409	153417	153428	153439	153450	153461	153472	153483	153504	
T4 NC_000866.4	(152675)	CAAAGTCAGCAAGGATGGGCAAATGCTGTTGTAACGCCAGAAACGTTACATAAAAAGACATCAACTGATGGAAGAATTGGTTTAATTGAAATTGCT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1600	
	(153505)	153505	153516	153527	153538	153549	153560	153571	153582	153600	
T4 NC_000866.4	(152771)	ACGCAAAGTGAAGTTAATACAGGAACTGATTATACTCGTGCAGTCACTCCTAAACCTTTAAATGACCGTAGAGCAACTGAAAGTTTAAGTGGTATA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1601	
	(153601)	153601	153615	153626	153637	153648	153659	153670	153681	153696	
T4 NC_000866.4	(152867)	GCTGAAATTGCTACACAAGTTGAATTCGACGCAGGCGTCGACGATACTCGTATCTCTACACCATTAAAAATTAAACCAGATTTAATAGTACTGAT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1602	
	(153697)	153697	153703	153714	153725	153736	153747	153758	153769	153780	153792
T4 NC_000866.4	(152963)	CGTACTTCTGTTGTTGCTCTATCTGGATTAGTTGAATCAGGAACTCTCTGGGACCATTATACACTTAATATTCTTGAAGCAAATGAGACACAACGT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1603	
	(153793)	153793	153802	153813	153824	153835	153846	153857	153868	153888	
T4 NC_000866.4	(153059)	GGTACACTTCGTGTAGCTACGCAGGTGCGGGAACATTAGATAATGTTTTAATAACTCCTAAAAAGCTTTTAGGTACTAAATCTACT									
SARS-CoV-2 NC_045512.2	(29904)	-----									

SARS-CoV-2 & T4.apr

										Section 1604
	(153889)	153889	153901	153912	153923	153934	153945	153956	153967	153984
T4 NC 000866.4	(153155)	GAAGCGCAAGAGGGTGTATTAAAGTTGCAACTCAGTCTGAAACTGTGACTGGAACGTCAGCAAATACTGCTGTATCTCCAAAAATTTAAATGG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1605
	(153985)	153985	154000	154011	154022	154033	154044	154055	154066	154080
T4 NC 000866.4	(153251)	ATTGCGCAGAGTGAACCTACTTGGGCAGCTACTACTGCAATAAGAGGTTTTGTTAAACTTCATCTGGTTCAATTACATTCGTTGGTAATGATACA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1606
	(154081)	154081	154088	154099	154110	154121	154132	154143	154154	154165 154176
T4 NC 000866.4	(153347)	GTCGGTTCTACCCAAGATTTAGAACTGTATGAGAAAAATAGCTATGCGGTATCACCATATGAATTAAACCGTGTATTAGCAAATTATTTGCCACTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1607
	(154177)	154177	154187	154198	154209	154220	154231	154242	154253	154272
T4 NC 000866.4	(153443)	AAAGCAAAAGCTGCTGATACAAATTTATTGGATGGTCTAGATTTCATCTCAGTTCATTTCGTAGGGATATTGCACAGACGGTTAATGGTTCACTAACC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1608
	(154273)	154273	154286	154297	154308	154319	154330	154341	154352	154368
T4 NC 000866.4	(153539)	TTAACCCAACAAACGAATCTGAGTGCCCTCTTGTATCATCTAGTACTGGTGAATTTGGTGGTTCATTGGCCGCTAATAGAACATTTACCATCCGT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1609
	(154369)	154369	154374	154385	154396	154407	154418	154429	154440	154451 154464
T4 NC 000866.4	(153635)	AATACAGGAGCCCCGACTAGTATCGTTTTTCGAAAAAGGTCCTGCATCCGGGGCAAATCCTGCACAGTCAATGAGTATTCGTGTATGGGGTAACCAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1610
	(154465)	154465	154473	154484	154495	154506	154517	154528	154539	154560
T4 NC 000866.4	(153731)	TTTGGCGGCGGTAGTGATACGACCCGTTTCGACAGTGTGTTGAAGTTGGCGATGACACATCTCATCACTTTTATTCTCAACGTAATAAAGACGGTAAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1611
	(154561)	154561	154572	154583	154594	154605	154616	154627	154638	154656
T4 NC 000866.4	(153827)	ATAGCGTTTAAACATTAATGGTACTGTAATGCCAATAAACATTAATGCTTCCGGTTTGATGAATGTGAATGGCACTGCAACATTCGGTCGTTTCAGTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1612
	(154657)	154657	154671	154682	154693	154704	154715	154726	154737	154752
T4 NC 000866.4	(153923)	ACAGCCAATGGTGAATTCATCAGCAAGTCTGCAAATGCTTTTAGAGCAATAAACGGTGATTACGGATTCTTTATTCGTAATGATGCCTCTAATACC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1613
	(154753)	154753	154759	154770	154781	154792	154803	154814	154825	154836 154848
T4 NC 000866.4	(154019)	TATTTTTTGTCTACTGCAGCCGGTGATCAGACTGGTGGTTTTAATGGATTACGCCCATTTAATTAATAATCAATCCGGTCAGATTACAATTGGT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1614
	(154849)	154849	154858	154869	154880	154891	154902	154913	154924	154944
T4 NC 000866.4	(154115)	GAAGGCTTAATCATTGCCAAAGGTGTTACTATAAATTCAGGCGGTTTAACTGTAACTCGAGAATTCGTTCTCAGGGTACTAAAACATCTGATTTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1615
	(154945)	154945	154957	154968	154979	154990	155001	155012	155023	155040
T4 NC 000866.4	(154211)	TATACCCGTGCGCCAACATCTGATACTGTAGGATTCTGGTCAATCGATATTAATGATTACGCCACTTATAACCAGTTCCCGGGTTATTTTAAATG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1616
	(155041)	155041	155056	155067	155078	155089	155100	155111	155122	155136
T4 NC 000866.4	(154307)	GTTGAAAAAACTAATGAAGTGACTGGGCTTCCATACTTAGAACGTGGCGAAGAAGTTAAATCTCCTGGTACACTGACTCAGTTTGGTAACACACTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1617
	(155137)	155137	155144	155155	155166	155177	155188	155199	155210	155221 155232
T4 NC 000866.4	(154403)	GATTCGCTTTACCAAGATTGGATTACTTATCCAACGACGCCAGAAGCGGTACCACTCGCTGGACACGTACATGGCAGAAAACCAAAAACCTCTTGG								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1618	
	(155233)	155233	155243	155254	155265	155276	155287	155298	155309	155328	
T4 NC 000866.4	(154499)	TCAAGTTTTGTTTCAGGTATTTGACGGAGGTAACCCTCCTCAACCATCTGATATCGGTGCTTTACCATCTGATAATGCTACAATGGGGAATCTTACT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1619	
	(155329)	155329	155342	155353	155364	155375	155386	155397	155408	155424	
T4 NC 000866.4	(154595)	ATTTCGTGATTTCTTGCGAATTGGTAATGTTTCGCATTGTTCTTGACCCAGTGAATAAAACGGTTAAATTTGAATGGGTTGAATAAGAGGTATTATGG									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1620	
	(155425)	155425	155430	155441	155452	155463	155474	155485	155496	155507	155520
T4 NC 000866.4	(154691)	AAAAATTTATGGCCGAGTTTGGACAAGGATATGTCCAAACGCCATTTTTATCGGAAAGTAATTCAGTAAGATATAAAATAAGTATAGCGGGTTCTT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1621	
	(155521)	155521	155529	155540	155551	155562	155573	155584	155595	155616	
T4 NC 000866.4	(154787)	GCCCGCTTTCTACAGCAGGACCATCATATGTTAAATTTTCAGGATAATCCTGTAGGAAGTCAAACATTTAGCGCAGGCCTCCATTTAAGAGTTTTTG									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1622	
	(155617)	155617	155628	155639	155650	155661	155672	155683	155694	155712	
T4 NC 000866.4	(154883)	ACCCTTCCACCGGAGCATTAGTTGATAGTAAGTCATATGCCTTTTCGACTTCAAATGATACTACATCAGCTGCTTTTGTTAGTTTCATGAATTCTT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1623	
	(155713)	155713	155727	155738	155749	155760	155771	155782	155793	155808	
T4 NC 000866.4	(154979)	TGACGAATAATCGAATTGTTGCTATATTAAGTAGTGAAAGGTTAATTTTCCTCCTGAAGTAGTATCTTGGTTAAGAACCGCCGGAACGTCTGCCT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1624	
	(155809)	155809	155815	155826	155837	155848	155859	155870	155881	155892	155904
T4 NC 000866.4	(155075)	TTCCATCTGATTCTATATTGTCAAGATTTGACGTATCATATGCTGCTTTTTTATACTTCTTCTAAAAGAGCTATCGCATTAGAGCATGTTAACTGA									
SARS-CoV-2 NC_045512.2	(29904)	-----									

SARS-CoV-2 & T4.apr

										Section 1625
	(155905)	155905	155914	155925	155936	155947	155958	155969	155980	156000
T4 NC_000866.4	(155171)	GTAATAGAAAAAGCACAGATGATTATCAAACATTTTAGATGTTGTATTTGACAGTTTAGAAGATGTAGGGGCTACCGGGTTTCCAAGAGGAACGT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1626
	(156001)	156001	156013	156024	156035	156046	156057	156068	156079	156096
T4 NC_000866.4	(155267)	ATGAAAGTGTGAGCAATTCATGTCGGCAGTTGGTGGAACATAATGACGAAATTGCGAGATTGCCAACTTCAGCTGCTATAAGTAAATTATCTGATT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1627
	(156097)	156097	156112	156123	156134	156145	156156	156167	156178	156192
T4 NC_000866.4	(155363)	ATAATTTAATTCCTGGAGATGTTCTTTATCTTAAAGCTCAGTTATATGCTGATGCTGATTTACTTGCTCTTGGAACACAAATATATCTATCCGTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1628
	(156193)	156193	156200	156211	156222	156233	156244	156255	156266	156277 156288
T4 NC_000866.4	(155459)	TTTATAATGCATCTAACGGATATATTTCTTCAACACAAGCTGAATTTACTGGGCAAGCTGGGTCATGGGAATTAAAGGAAGATTATGTAGTTGTTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1629
	(156289)	156289	156299	156310	156321	156332	156343	156354	156365	156384
T4 NC_000866.4	(155555)	CAGAAAACGCAGTAGGATTTACGATATACGCACAGAGAACTGCACAAGCTGGCCAAGGTGGCATGAGAAATTTAAGCTTTTCTGAAGTATCAAGAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1630
	(156385)	156385	156398	156409	156420	156431	156442	156453	156464	156480
T4 NC_000866.4	(155651)	ATGGCGGCATTTTCGAAACCTGCTGAATTTGGCGTCAATGGTATTCGTGTTAATTATATCTGCGAATCCGCTTCACCCCCGGATATAATGGTACTTC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1631
	(156481)	156481	156486	156497	156508	156519	156530	156541	156552	156563 156576
T4 NC_000866.4	(155747)	CTACGCAAGCATCGTCTAAAACTGGTAAAGTGTGTTGGGCAAGAATTTAGAGAAGTTTAAATTGAGGGACCCTTCGGGTTCCCTTTTTCTTTATAAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

		Section 1632							
	(156577)	156577	156585	156596	156607	156618	156629	156640	156651
T4 NC 000866.4	(155843)	TACTATTCAAATAAAGGGGCATACAATGGCTGATTTAAAAGTAGGTTCAACAACCTGGAGGCTCTGTCATTTGGCATCAAGGAAATTTTCCATTGAA							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1633							
	(156673)	156673	156684	156695	156706	156717	156728	156739	156750
T4 NC 000866.4	(155939)	TCCAGCCGGTGACGATGTACTCTATAAATCATTTAAAATATATTTCAGAATATAACAAACCACAAGCTGCTGATAACGATTTTCGTTTCTAAAGCTAA							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1634							
	(156769)	156769	156783	156794	156805	156816	156827	156838	156849
T4 NC 000866.4	(156035)	TGGTGGTACTTATGCATCAAAGGTAACATTTAACGCTGGCATTCAAGTCCCATATGCTCCAAACATCATGAGCCCATGCGGGATTATGGGGGTAA							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1635							
	(156865)	156865	156871	156882	156893	156904	156915	156926	156937
T4 NC 000866.4	(156131)	CGGTGATGGTGCTACTTTTGATAAAGCAAATATCGATATTGTTTCATGGTATGGCGTAGGATTTAAATCGTCATTTGGTTCAACAGGCCGAACGTGT							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1636							
	(156961)	156961	156970	156981	156992	157003	157014	157025	157036
T4 NC 000866.4	(156227)	TGTAATTAATACACGCAATGGTGATATTAACACAAAAGGTGTTGTGTGTCGGCAGCTGGTCAAGTAAGAAGTGGTGCGGCTGCTCCTATAGCAGCGAA							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1637							
	(157057)	157057	157069	157080	157091	157102	157113	157124	157135
T4 NC 000866.4	(156323)	TGACCTTACTAGAAAGGACTATGTTGATGGAGCAATAAATACTGTTACTGCAAAATGCAAACTCTAGGGTGCTACGGTCTGGTGACACCATGACAGG							
SARS-CoV-2 NC_045512.2	(29904)	-----							
		Section 1638							
	(157153)	157153	157168	157179	157190	157201	157212	157223	157234
T4 NC 000866.4	(156419)	TAATTTAACAGCGCCAAACTTTTTCTCGCAGAATCCTGCATCTCAACCCTCACACGTTCCACGATTTGACCAAATCGTAATTAAGGATTCTGTTCA							
SARS-CoV-2 NC_045512.2	(29904)	-----							

SARS-CoV-2 & T4.apr

										Section 1639
	(157249)	157249	157256	157267	157278	157289	157300	157311	157322	157333 157344
T4 NC 000866.4	(156515)	AGATTTTCGGCTATTATTAAGAGGACTTATGGCTACTTTAAAACAAATACAATTTAAAAGAAGCAAAATCGCAGGAACACGTCCTGCTGCTTCAGTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1640
	(157345)	157345	157355	157366	157377	157388	157399	157410	157421	157440
T4 NC 000866.4	(156611)	TTAGCCGAAGGTGAATTGGCTATAAACTTAAAAGATAGAACAATTTTACTAAAGATGATTTCAGGAAATATCATCGATCTAGGTTTTGCTAAAGGC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1641
	(157441)	157441	157454	157465	157476	157487	157498	157509	157520	157536
T4 NC 000866.4	(156707)	GGGCAAGTTGATGGCAACGTTACTATTAACGGACTTTTGAGATTAAATGGCGATTATGTACAAACAGGTGGAATGACTGTAAACGGACCCATTGGT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1642
	(157537)	157537	157542	157553	157564	157575	157586	157597	157608	157619 157632
T4 NC 000866.4	(156803)	TCTACTGATGGCGTCACTGGAAAAATTTTCAGATCTACACAGGGTTCATTTTATGCAAGAGCAACAAACGATACTTCAAATGCCCATTATGGTTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1643
	(157633)	157633	157641	157652	157663	157674	157685	157696	157707	157728
T4 NC 000866.4	(156899)	GAAATGCGGATGGCACTGAACGTGGCGTTATATATGCTCGCCCTCAAACACAACTGACGGTGAAATACGCCTTAGGGTTAGACAAGGAACAGGA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1644
	(157729)	157729	157740	157751	157762	157773	157784	157795	157806	157824
T4 NC 000866.4	(156995)	AGCACTGCCAACAGTGAATTCTATTTCCGCTCTATAAATGGAGGCGAATTTTCAGGCTAACCGTATTTTAGCATCAGATTTCGTTAGTAACAAAACGC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1645
	(157825)	157825	157839	157850	157861	157872	157883	157894	157905	157920
T4 NC 000866.4	(157091)	ATTGCGGTTGATACCGTTATTCATGATGCCAAAGCATTTGGACAATATGATTCTCACTCTTTGGTTAATTATGTTTATCCTGGAACCGGTGAAACA								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

		Section 1646									
	(157921)	157921	157927	157938	157949	157960	157971	157982	157993	158004	158016
T4 NC 000866.4	(157187)	AATGGTGTAACCTATCTTCGTAAAGTTCGCGCTAAGTCCGGTGGTACAATTTATCATGAAATTGTTACTGCACAAACAGGCCTGGCTGATGAAGTT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1647									
	(158017)	158017	158026	158037	158048	158059	158070	158081	158092		158112
T4 NC 000866.4	(157283)	TCTTGGTGGTCTGGTGATACACCAGTATTTAAACTATACGGTATTCGTGACGATGGCAGAATGATTATCCGTAATAGCCTTGCATTAGGTACATTC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1648									
	(158113)	158113	158125	158136	158147	158158	158169	158180	158191		158208
T4 NC 000866.4	(157379)	ACTACAAATTTCCCGTCTAGTGATTATGGCAACGTCGGTGTAATGGGCGATAAGTATCTTGTTCTCGGCGACACTGTAAGTGGCTTGTGCATACAAA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1649									
	(158209)	158209	158224	158235	158246	158257	158268	158279	158290		158304
T4 NC 000866.4	(157475)	AAACTGGTGTATTTGATCTAGTTGGCGGTGGATATTCTGTTGCTTCTATTACTCCTGACAGTTTCCGTAGTACTCGTAAAGGTATATTTGGTCGT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1650									
	(158305)	158305	158312	158323	158334	158345	158356	158367	158378	158389	158400
T4 NC 000866.4	(157571)	TCTGAGGACCAAGGCGCAACTTGGATAATGCCTGGTACAAATGCTGCTCTCTTGCTGTTCAAACACAAGCTGATAATAACAATGCTGGAGACGGA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1651									
	(158401)	158401	158411	158422	158433	158444	158455	158466	158477		158496
T4 NC 000866.4	(157667)	CAAACCCATATCGGGTACAATGCTGGCGGTAAATGAACCACTATTTCCGTGGTACAGGTCAGATGAATATCAATACCCAACAAGGTATGGAAATT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1652									
	(158497)	158497	158510	158521	158532	158543	158554	158565	158576		158592
T4 NC 000866.4	(157763)	AACC CGGGTATTTTGAAATTGGTAACTGGCTCTAATAATGTACAATTTTACGCTGACGGAAGCTATTTCTTCCATTCAACCTATTAAATTAGATAAC									
SARS-CoV-2 NC_045512.2	(29904)	-----									

SARS-CoV-2 & T4.apr

		Section 1653									
	(158593)	158593	158598	158609	158620	158631	158642	158653	158664	158675	158688
T4 NC_000866.4	(157859)	GAGATATTTTAACTAAATCTAATAATACTGCGGGTCTTAAATTTGGAGCTCCTAGCCAAGTTGATGGCACAAAGGACTATCCAATGGAACGGTGGT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1654									
	(158689)	158689	158697	158708	158719	158730	158741	158752	158763	158784	
T4 NC_000866.4	(157955)	ACTCGCGAAGGACAGAATAAAACTATGTGATTATTAAAGCATGGGGTAACTCATTTAATGCCACTGGTGATAGATCTCGCGAAACGGTTTTTCCAA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1655									
	(158785)	158785	158796	158807	158818	158829	158840	158851	158862	158880	
T4 NC_000866.4	(158051)	GTATCAGATAGTCAAGGATATTATTTTTATGCTCATCGTAAAGCTCCAACCGGCGACGAAACTATTGGACGTATTGAAGCTCAATTTGCTGGGGAT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1656									
	(158881)	158881	158895	158906	158917	158928	158939	158950	158961	158976	
T4 NC_000866.4	(158147)	GTTTATGCTAAAGGTATTATTGCCAACGGAAATTTTAGAGTTGTTGGGTCAAGCGCTTTAGCCGGCAATGTTACTATGTCTAACGGTTTGTTTGTC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1657									
	(158977)	158977	158983	158994	159005	159016	159027	159038	159049	159060	159072
T4 NC_000866.4	(158243)	CAAGGTGGTTCTTCTATTACTGGACAAGTTAAATTTGGCGGAACAGCAAACGCACTGAGAATTTGGAACGCTGAATATGGTGCTATTTTCCGTCGT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1658									
	(159073)	159073	159082	159093	159104	159115	159126	159137	159148	159168	
T4 NC_000866.4	(158339)	TCGGAAGTAACTTTTATATTATTCCAACCAATCAAAATGAAGGAGAAAGTGGAGACATTACAGCTCTTTGAGACCTGTGAGAATAGGATTAAAC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
		Section 1659									
	(159169)	159169	159181	159192	159203	159214	159225	159236	159247	159264	
T4 NC_000866.4	(158435)	GATGGCATGGTTGGGTTAGGAAGAGATTCTTTTATAGTAGATCAAAATAATGCTTTAACTACGATAAACAGTAACTCTCGCATTAATGCCAATTT									
SARS-CoV-2 NC_045512.2	(29904)	-----									

SARS-CoV-2 & T4.apr

										Section 1660
	(159265)	159265	159280	159291	159302	159313	159324	159335	159346	159360
T4 NC_000866.4	(158531)	AGAATGCAATTGGGGCAGTCGGCATAACATTGATGCAGAATGTACTGATGCTGTTTCGCCCCGGCGGGTGCAGGTTTCATTTGCTTCCCAGAATAATGAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1661
	(159361)	159361	159368	159379	159390	159401	159412	159423	159434	159445 159456
T4 NC_000866.4	(158627)	GACGTCCGTGCGCCGTTCTATATGAATATTGATAGAACTGATGCTAGTGCATATGTTTCTATTTTGAACAACGTTATGTTCAAGGCAATGGCTGC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1662
	(159457)	159457	159467	159478	159489	159500	159511	159522	159533	159552
T4 NC_000866.4	(158723)	TATTCATTAGGGACTTTAATTAATAATGGTAATTTCCGAGTTCATTACCATGGCGGCGGAGATAACGGTTCACAGGTCCACAGACTGCTGATTTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1663
	(159553)	159553	159566	159577	159588	159599	159610	159621	159632	159648
T4 NC_000866.4	(158819)	GGATGGGAATTTATTAAAAACGGTGATTTTATTTTACCTCGCGATTTAATAGCAGGCAAAGTCAGATTTGATAGAACTGGTAATATCACTGGTGGT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1664
	(159649)	159649	159654	159665	159676	159687	159698	159709	159720	159731 159744
T4 NC_000866.4	(158915)	TCTGGTAATTTTGCTAACTTAAACAGTACAATTGAATCACTTAAAACTGATATCATGTGCGAGTTACCCAATTGGTGCTCCGATTCTTGCCGAGT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1665
	(159745)	159745	159753	159764	159775	159786	159797	159808	159819	159840
T4 NC_000866.4	(159011)	GATTCAGTTCCTGCTGGATTTGCTTTGATGGAAGGTCAGACCTTTGATAAGTCCGCATATCCAAAGTTAGCTGTTGCATATCCTAGCGGTGTTATT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1666
	(159841)	159841	159852	159863	159874	159885	159896	159907	159918	159936
T4 NC_000866.4	(159107)	CCAGATATGCGCGGGCAAACCTATCAAGGGTAAACCAAGTGGTCGTGCTGTTTTGAGCGCTGAGGCAGATGGTGTTAAGGCTCATAGCCATAGTGCA								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1667
	(159937)	159937	159951	159962	159973	159984	159995	160006	160017	160032
T4 NC_000866.4	(159203)	TCGGCTTCAAGTACTGACTTAGGTACTAAAACCACATCAAGCTTTGACTATGGTACGAAGGGAACCTAACAGTACGGGTGGACACACTCACTCTGGT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1668
	(160033)	160033	160039	160050	160061	160072	160083	160094	160105	160116 160128
T4 NC_000866.4	(159299)	AGTGGTTCTACTAGCACAAATGGTGAGCACAGCCACTACATCGAGGCATGGAATGGTACTGGTGTAGGTGGTAATAAGATGTCATCATATGCCATA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1669
	(160129)	160129	160138	160149	160160	160171	160182	160193	160204	160224
T4 NC_000866.4	(159395)	TCATACAGGGCGGGTGGGAGTAACACTAATGCAGCAGGGAACCCACAGTCACACTTTCTCTTTTGGGACTAGCAGTGCTGGCGACCATTCCCACTCT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1670
	(160225)	160225	160237	160248	160259	160270	160281	160292	160303	160320
T4 NC_000866.4	(159491)	GTAGGTATTGGTGCTCATACCCACACGGTAGCAATTGGATCACATGGTCATACTATCACTGTAAATAGTACAGGTAATACAGAAAACACGGTTAAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1671
	(160321)	160321	160336	160347	160358	160369	160380	160391	160402	160416
T4 NC_000866.4	(159587)	AACATTGCTTTTAACTATATCGTTCGTTTAGCATAAGGAGAGGGGCTTCGGCCCTTCTAAATATGAAAATATATCATTATTATTTTGACACTAAAG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1672
	(160417)	160417	160424	160435	160446	160457	160468	160479	160490	160501 160512
T4 NC_000866.4	(159683)	AATTTTACAAAGAAGAAAATTACAAACCGGTTAAAGGCCTCGGTCTTCCTGCTCATTCAACAATTAACAAACCTTTAGAACCTAAAGAAGGATACG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1673
	(160513)	160513	160523	160534	160545	160556	160567	160578	160589	160608
T4 NC_000866.4	(159779)	CGGTTGTATTTGATGAACGTACTCAGGATTGGATTATGAAGAAGACCATCGCGGAAAACGCGCATGGACTTTTAATAAAGAAGAAATTTTATAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1674
	(160609)	160609	160622	160633	160644	160655	160666	160677	160688	160704
T4 NC_000866.4	(159875)	GTGACATTGGAAGCCCGGTTGGTATAACTTTTCGATGAGCCCGGCGAATTTGATATATGGACTGATGACGGTTGGAAAGAAGACGAAACATATAAGC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1675
	(160705)	160705	160710	160721	160732	160743	160754	160765	160776	160787 160800
T4 NC_000866.4	(159971)	GAGTTTTTAATTTCGTAATAGAAAAATTGAAGAATTATATAAAGAGTTCCAAGTTTTAAATAATATGATTGAAGCTTCTGTGCGCCAATAAAAAGGAAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1676
	(160801)	160801	160809	160820	160831	160842	160853	160864	160875	160896
T4 NC_000866.4	(160067)	AATTCTATTATAAAAAACCTTAAGCGGTTCTTTGCTCTTTTAGAAAAGCATGAGCATTTAGGTGGTGAATTCCCTTCATGGCCTGAAAAAGAACAGA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1677
	(160897)	160897	160908	160919	160930	160941	160952	160963	160974	160992
T4 NC_000866.4	(160163)	AGCCTTGGTATAAGCGTTTATTCAAGCATTACGTATAAATATCTTAAAAGGAGGGTCTATGGCAGCACCTAGAATATCATTTTCGCCCTCTGATAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1678
	(160993)	160993	161007	161018	161029	161040	161051	161062	161073	161088
T4 NC_000866.4	(160259)	TCTATTTGGTGTTCAGATCGCTTGTTCAAAGATAACGCTACCGGGAAGGTTCTTGCTTCCCGGGTAGCTGTCGTAATTCTTTTGTTTATAATGGC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1679
	(161089)	161089	161095	161106	161117	161128	161139	161150	161161	161172 161184
T4 NC_000866.4	(160355)	GATTGTTTGGTATAGGGGAGATAGTTTCTTTGAGTACTATAAGCAATCAAAGTATGAAACATACAGTGAAATTATTGAAAAGGAAAGAACTGCACG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1680
	(161185)	161185	161194	161205	161216	161227	161238	161249	161260	161280
T4 NC_000866.4	(160451)	CTTTGAATCTGTGCGCCCTGGAACAACTCCAGATAGTTCATATATCATCTGAGGCAGACTTTAGTGCGGTGTATTCTTTCCGCCCTAAAACTTAAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

Section 1681										
	(161281)	161281	161293	161304	161315	161326	161337	161348	161359	161376
T4 NC 000866.4	(160547)	CTATTTTGTGATATTATAGCATACGAAGGAAAATTACCTTCAACAATAAGTGAAAAATCACTTGGAGGATATCCTGTTGATAAACTATGGATGA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
Section 1682										
	(161377)	161377	161392	161403	161414	161425	161436	161447	161458	161472
T4 NC 000866.4	(160643)	ATATACAGTTCATTTAAATGGACGTCATTATTATTCCAACCTCAAAATTTGCTTTTTTACCAACTAAAAAGCCTACTCCCGAAATAAACTACATGTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
Section 1683										
	(161473)	161473	161480	161491	161502	161513	161524	161535	161546	161557 161568
T4 NC 000866.4	(160739)	CAGTTGTCCATATTTTAAATTTGGATAATATCTATGCTGGAACGATAACCATGTACTGGTATAGAAATGATCATATAAGTAATGACCGCCTTGAATC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
Section 1684										
	(161569)	161569	161579	161590	161601	161612	161623	161634	161645	161664
T4 NC 000866.4	(160835)	AATATGTGCTCAGGCGGCCAGAATATTAGGAAGGGCTAAATAATTATTTGTTTCGTATACATCTCTAGATATCGATATACACCCTCAAACCCCTCGT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
Section 1685										
	(161665)	161665	161678	161689	161700	161711	161722	161733	161744	161760
T4 NC 000866.4	(160931)	TGAATTCGTCGATGAGGGTTTTCTTATCTTCTTGAGTTAATTCAGAAACAATTTTACGGAATGAATTTTGATTTAACTTTCTACCTTCATGCGTTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
Section 1686										
	(161761)	161761	161766	161777	161788	161799	161810	161821	161832	161843 161856
T4 NC 000866.4	(161027)	CTCCAATCTCATTTAGAAATGCAATAAAATTAGCACGATTCTCAACAATATCTTCTCTGGAAAATTTAATCAAATAGATGCAACAGTAATAATTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
Section 1687										
	(161857)	161857	161865	161876	161887	161898	161909	161920	161931	161952
T4 NC 000866.4	(161123)	CACGAACTGTATCAATGTTTTATTCACTTAACCTATACCACTCAATTAGTTGACTTTGTTATAATATCATCAGACGCTTGATTTGTAACTGGTCTG								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1688
	(161953)	161953	161964	161975	161986	161997	162008	162019	162030	162048
T4 NC 000866.4	(161219)	TGTAATTTTCTTCAAAAATTTTCTACGAATTCCTTGAACGATTACGTTCTGAGCTACATTATGCTCGATTACCTTTTCAAGATTATGACTCA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1689
	(162049)	162049	162063	162074	162085	162096	162107	162118	162129	162144
T4 NC 000866.4	(161315)	TTCGAAATAATCTTCAATTCATAATCATGGACATAAATCATTATAGTTTTTAATACATCATCAATATTTTTCTGGAGCTGGAATTACGTAAAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1690
	(162145)	162145	162151	162162	162173	162184	162195	162206	162217	162228 162240
T4 NC 000866.4	(161411)	ATACCCTGCTTTTGAGAGGTCCTTATAAGTTCCAATCAAGAAATCATTATTCTCAAGATGTAACCTCTCAACTAATTCATTGACAATTGAATGGTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1691
	(162241)	162241	162250	162261	162272	162283	162294	162305	162316	162336
T4 NC 000866.4	(161507)	TAGGTTTGGCAGAACTTATATAGCTTTTCTAGAATATCAATTTTGAATGTATATTGAACCACGGACTGAGAATCAATAATCATAGACCTTCCCCT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1692
	(162337)	162337	162349	162360	162371	162382	162393	162404	162415	162432
T4 NC 000866.4	(161603)	TATGTTTCTGTTTGCATTAGATTCTTTAAACGCTTTCTTCTTATCCTTATGAACAGAAGCTTTATTAAAATTATGCTTTGCGACTAAATTGTTCA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1693
	(162433)	162433	162448	162459	162470	162481	162492	162503	162514	162528
T4 NC 000866.4	(161699)	TAGTGCTGAATTACCTCTCTTAAACATTTGCATGTGAATGAAAACCTTTTAGCTACACCACATTCAAATATATGTTCTCTTAAATCGCGTGTATCG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1694
	(162529)	162529	162536	162547	162558	162569	162580	162591	162602	162613 162624
T4 NC 000866.4	(161795)	GTATATCCCATCTCAACAATAAAATGCCGTATTAGATTTTTATCTTTATCGTTTAGAGAATTAAATAATCAGATTTTGAATTAATTTCCCTGGCC								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1695	
	(162625)	162625	162635	162646	162657	162668	162679	162690	162701	162720	
T4 NC 000866.4	(161891)	AAATTGAATCACCTTCAGTTGACGTTTTAACTCTTTTATCATCTCTTCGTTTCATCGCAATATAAAGATCGCGTAGAGCAGGTTTTAGCATTCCATT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1696	
	(162721)	162721	162734	162745	162756	162767	162778	162789	162800	162816	
T4 NC 000866.4	(161987)	TACTGGAGAAGCTAAATGGACATACATAATCTTTTCCTACGAGCTTTTGTAGTGAATTCCATATCACAGAAGCTGAAATCCCGGCTCATTGGTATAAAAT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1697	
	(162817)	162817	162822	162833	162844	162855	162866	162877	162888	162899	162912
T4 NC 000866.4	(162083)	TCCCCAATTAGTTGACATCATTTTATTGGCATATTCCAGTGCCTGGATTGTGATTTCATAATTCCATCAATTTGAAACTTTTTAATATTTCATTAGTAA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1698	
	(162913)	162913	162921	162932	162943	162954	162965	162976	162987	163008	
T4 NC 000866.4	(162179)	AGGTCCTCAGAGTAAAGTTCTTTTTCACTACCACGTTCAATACTTACTTGTCCAGCGTAAGTTGCAATAATCATTGCTTCTTCACGTGTCCAATAA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1699	
	(163009)	163009	163020	163031	163042	163053	163064	163075	163086	163104	
T4 NC 000866.4	(162275)	TTACTATATTGGTCAATAAAACCCTTGGTCATCATCACAACTTGCTGAGTAACTAATTGAGGTTTAACTACATCTAAAACCTTCTGCCATATCTTTA									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1700	
	(163105)	163105	163119	163130	163141	163152	163163	163174	163185	163200	
T4 NC 000866.4	(162371)	GAATAATGACGAGCACCTGGAATAATAAGAGTTTCGTCCATCTTTTAATTTAAACGTTTGGCTGCGCAAACAATTCGTCGTTGATACTTTTGGTTT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1701	
	(163201)	163201	163207	163218	163229	163240	163251	163262	163273	163284	163296
T4 NC 000866.4	(162467)	TCATCCCAGTACGCAGTCTGCCAACAGATTTTCAGGAAGTCTTTTCAGAAATATCTTCTTCTGTGCATTTATAACCATGCGCTTTAAATTTTCAACA									
SARS-CoV-2 NC_045512.2	(29904)	-----									

SARS-CoV-2 & T4.apr

										Section 1702
	(163297)	163297	163306	163317	163328	163339	163350	163361	163372	163392
T4 NC 000866.4	(162563)	AGACTTTTCTGGAGTTTCACGAGATAAAGGAACATTCAGCATTTTAAACGATTGATAAATGGGTTTCATTTAAACCATCCTTTAATACGCTGCCACA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1703
	(163393)	163393	163405	163416	163427	163438	163449	163460	163471	163488
T4 NC 000866.4	(162659)	AAGTTTTCTGTTGAGCTTTGTTGACGCCAATTGAGCGAATAACCGTTGAGATTCTTGAATTCTTTATAATCAGCAAGGTAAATTTTCGTAAGCTG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1704
	(163489)	163489	163504	163515	163526	163537	163548	163559	163570	163584
T4 NC 000866.4	(162755)	CATCCGTAAATGAACCTTATCGCTGCCATAAAATTATTGCGAATACCTACTGGAGCATCTTTACTTTTACGAATGATCATGTATTTACCAGTCTTAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1705
	(163585)	163585	163592	163603	163614	163625	163636	163647	163658	163669 163680
T4 NC 000866.4	(162851)	TCTTTACGATAGTTCCAAGATAAGCTCCATGGTACCAAATATCCCAACCCTCTTGAGTAGGTTCTGCGCAACGACGAAGTTCATTGACAATTTCTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1706
	(163681)	163681	163691	163702	163713	163724	163735	163746	163757	163776
T4 NC 000866.4	(162947)	ACTTGTTTATTATTTATTCCTCACAGTTCAGATGCTACAGTGATTACAGCTTCAATGTTTTCTGCCGAGCGTTTAATGTCAAGATACACATTACCG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1707
	(163777)	163777	163790	163801	163812	163823	163834	163845	163856	163872
T4 NC 000866.4	(163043)	TTTTTAGCGATTTTACATGACATTCCGATGTCAGTAAATTTCTGAATATGATGTTCCATCATTTTGTATCCAAAAATTCGCATATTTCCATTGTTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1708
	(163873)	163873	163878	163889	163900	163911	163922	163933	163944	163955 163968
T4 NC 000866.4	(163139)	TTAATTTCAAAATTACGAATTCGGTTAGTGCGTTTTTCTAAAATAGCAAGATAATTACTACGATAAATTTCAACCTTTTAAAGAACAAATCCATT								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1709
	(163969)	163969	163977	163988	163999	164010	164021	164032	164043	164064
T4 NC 000866.4	(163235)	TTATCTAAAAGTTTAAACATGAGGTCCTTATCTTCTTCCATATCGGAAGTAATCTCGCGAGCTTTACGAGTTGCTCGTTTTTTCAGCAGTTCCGGA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1710
	(164065)	164065	164076	164087	164098	164109	164120	164131	164142	164160
T4 NC 000866.4	(163331)	GCATTTTCTCTGTGCATATAAAGTTGCTGCATTTGAAATAATATCCTGAGCTTCACCAGTAATGATTAATCCATCACCAGATTTCTCCACCAGGCCT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1711
	(164161)	164161	164175	164186	164197	164208	164219	164230	164241	164256
T4 NC 000866.4	(163427)	TTTTTAATCAATACCCCAATATTACTATTAATACTACTGCGTTACCTAAATCTGGATGCACCTCACGAACCTTCTGCAGCTGTAATGAAATCTTTCTTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1712
	(164257)	164257	164263	164274	164285	164296	164307	164318	164329	164340 164352
T4 NC 000866.4	(163523)	GCAATGGTAATTAAAAATCGTAGCAGTTTTTTCATTCAGAACATCGTTAGAAGCTTTGATGATGTAAGTTACTTTAGACATTTTCTAATCTCCGTAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1713
	(164353)	164353	164362	164373	164384	164395	164406	164417	164428	164448
T4 NC 000866.4	(163619)	TTCTGTATCAGTAGTTGATAGTTGTATAGTACCACAGTATGCTTTGGTTGTAAACCGTTTTGTGAAAAAATTTTAAAAATAAAAAAGGGAGAGCCT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1714
	(164449)	164449	164461	164472	164483	164494	164505	164516	164527	164544
T4 NC 000866.4	(163715)	CGGCTCTCCCTAAAAATTACTGCATGACTGTGATAACTGTCATGATAACACGTTGAATTCCGAACGCAAGAAGACCTCCTGCTACGGCTGGAACAAC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1715
	(164545)	164545	164560	164571	164582	164593	164604	164615	164626	164640
T4 NC 000866.4	(163811)	GCCTAAACCCGCCAGTAAAAATGCTACCAGATACTAATGCAGCGCTTGTAATACCAATGAATGGACTCATTTGATTTCTCTAAATCTTTGGTGTAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1716
	(164641)	164641	164648	164659	164670	164681	164692	164703	164714	164725 164736
T4 NC 000866.4	(163907)	TCAGTAACTACATCAGTAGTTTTCCAATATTCGTTTTCTTTCTTTTCTTTAGCTTTAGCTTCTTCAGCAAGTTTCTTTGCTTCATCGGAAGTCATATGA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1717
	(164737)	164737	164747	164758	164769	164780	164791	164802	164813	164832
T4 NC 000866.4	(164003)	AAAATATTCATTCCAAGTAGTTTATCAACATAAGAAGAATACATATCGATTTTCGAAAGTTCTTCGGTCAGTTCTTTACGAGTTTTACCCTGTACA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1718
	(164833)	164833	164846	164857	164868	164879	164890	164901	164912	164928
T4 NC 000866.4	(164099)	ACAATTTACCTGAAATTACTTTCTTAATGAAATGTGCTTTGGCAAAGGCTAAACGAAAAGCTGACTCAGTTTCTTTAATTTTGTATCAATTCGT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1719
	(164929)	164929	164934	164945	164956	164967	164978	164989	165000	165011 165024
T4 NC 000866.4	(164195)	TTTTGGACATAAGTTTACGAACCTCAACAAAGTCTTTAATTAAATCAACTACGTTATCGTAAACTTGCAGCTTTCCTTTCTCATTAATAACCGTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1720
	(165025)	165025	165033	165044	165055	165066	165077	165088	165099	165120
T4 NC 000866.4	(164291)	ATATTCTGGGAACGACGCTCAATCAGTCCGAAGTCTTTCATAATTTTGCATGGCGTTCTTCTTCGTTATCGCTCAAAGAATATTCTTTGCGGAAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1721
	(165121)	165121	165132	165143	165154	165165	165176	165187	165198	165216
T4 NC 000866.4	(164387)	TTAACTTTGAAGCCAAAACCATGCTCACCACAAGCATCATCCCATGTAATGAAGCCTTTATTTTCAAGTGGGTCTAAGATTTTACTCACATAAGTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1722
	(165217)	165217	165231	165242	165253	165264	165275	165286	165297	165312
T4 NC 000866.4	(164483)	TCACGATCATACTTATACGGAATCTCAGTGATATGCATTTGAGTTCGTGAAGTAACTTATATGTTCCACGAATTTTATATTGCCCATCAATTTCA								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

Section 1723									
(165313)	165313	165319	165330	165341	165352	165363	165374	165385	165396 165408
T4 NC 000866.4 (164579)	ACGACTTCACCACGAAATTCTGGGAATTCTACTTTTCGGTTTAGTTACTTTCTTTCTTGAAGAGCTTGCAGTACAGCTTTCTTGACAGAAGAAACA								
SARS-CoV-2 NC_045512.2 (29904)	-----								
Section 1724									
(165409)	165409	165418	165429	165440	165451	165462	165473	165484	165504
T4 NC 000866.4 (164675)	CTATGAGGAAGAATGTAAGTTGCATAACCAGTTGCAATACCGGAAACGCCATTAAGAAGAACAGTAGGAATAATAGGCAAATAGAAAGCAGGCGGA								
SARS-CoV-2 NC_045512.2 (29904)	-----								
Section 1725									
(165505)	165505	165517	165528	165539	165550	165561	165572	165583	165600
T4 NC 000866.4 (164771)	ATGTGTTCTTTATCTTGATGTACCGGAGCATATTCAGTATCTTTATATACGTTATAGAAATTTTTACTTTACACGAGCAAAAATATAACGACTTGCC								
SARS-CoV-2 NC_045512.2 (29904)	-----								
Section 1726									
(165601)	165601	165616	165627	165638	165649	165660	165671	165682	165696
T4 NC 000866.4 (164867)	GCTGCCTTTTGGACAGTACGAGAACCAGTTTCCTTGACCATCTAACAGAGGAAAGTTATTATTCCAAGTATTAGCCATCAAAGCACCTGCGTCT								
SARS-CoV-2 NC_045512.2 (29904)	-----								
Section 1727									
(165697)	165697	165704	165715	165726	165737	165748	165759	165770	165781 165792
T4 NC 000866.4 (164963)	TGTGCAGAGTTTTACCATGATGATATCCAAGGTCGCTACACCACCTGCAATAGAAGCGAGTTTGTGAACTTATCTTTATTTCTCGTGCCAAA								
SARS-CoV-2 NC_045512.2 (29904)	-----								
Section 1728									
(165793)	165793	165803	165814	165825	165836	165847	165858	165869	165888
T4 NC 000866.4 (165059)	TCAAGAGCTCGAGCAATAACAAATCGTTGAACTGGCTTAAATCCATCAATCATATTTGGGATAGCACGATTTTCAACCGTGTACATAGCATAAGCC								
SARS-CoV-2 NC_045512.2 (29904)	-----								
Section 1729									
(165889)	165889	165902	165913	165924	165935	165946	165957	165968	165984
T4 NC 000866.4 (165155)	AATGCTTCATTATCAATGATACTTTTTAAATCGCGATTATTTCAGTTGCATAAATTTACCATACTAGTGAATGTAGTGCCATAATAACATCAGAAAT								
SARS-CoV-2 NC_045512.2 (29904)	-----								

SARS-CoV-2 & T4.apr

Section 1730										
(165985)	165985	165990	166001	166012	166023	166034	166045	166056	166067	166080
T4 NC 000866.4 (165251)	GAAAAGCACGACTTGAATTAATCCGAACATTACTCCGTAATATAGTGCTACCAATAAAGCAGCAAGGGCTAATGAATAGCCCAAGATTTTCTTAAT									
SARS-CoV-2 NC_045512.2 (29904)	-----									
Section 1731										
(166081)	166081	166089	166100	166111	166122	166133	166144	166155		166176
T4 NC 000866.4 (165347)	CATTAGATAACAACACAAATGTTAAATATGCACACATACCCTGGGCTAAAGCTTGTGAAAACACACTGCTAGCATCGATACAGATAGTTAAAACAC									
SARS-CoV-2 NC_045512.2 (29904)	-----									
Section 1732										
(166177)	166177	166188	166199	166210	166221	166232	166243	166254		166272
T4 NC 000866.4 (165443)	ATGCTACTATCCAACAAATAAATGAAATAACTCCTAATAATTTTGCAATATTCATATTTTCCTCACTGGCGTCCGAAGACGCCTTTAGTTTTAAGA									
SARS-CoV-2 NC_045512.2 (29904)	-----									
Section 1733										
(166273)	166273	166287	166298	166309	166320	166331	166342	166353		166368
T4 NC 000866.4 (165539)	TTGTTACGATAGAACTGCATCACGTGTTTCGTTATGGAAATTACTCATTAATATGCCTGTAAAACAAATTTAAAGTTATCAGCCAACATACGGTTCA									
SARS-CoV-2 NC_045512.2 (29904)	-----									
Section 1734										
(166369)	166369	166375	166386	166397	166408	166419	166430	166441	166452	166464
T4 NC 000866.4 (165635)	TTTCTTCGAGTGTTTGATACTCAGAATGATGATTACGAGTAAACGCCAAAGCTAGCTGACCTTTTCCAAATCCCGTCGTTAGAGGTTTCATCTTAG									
SARS-CoV-2 NC_045512.2 (29904)	-----									
Section 1735										
(166465)	166465	166474	166485	166496	166507	166518	166529	166540		166560
T4 NC 000866.4 (165731)	AAGCAGGCAGATAAAACACTGTGTATGGAACATTGTTATTTGCAATAGTACGCGCAAGTTGAGACCGGCGTTGACGAATATGACTTAAACCGCAC									
SARS-CoV-2 NC_045512.2 (29904)	-----									
Section 1736										
(166561)	166561	166573	166584	166595	166606	166617	166628	166639		166656
T4 NC 000866.4 (165827)	TGAATCCTTGCTTAGAACGCTGATTACCTACATAAAATCGTGCGAGATACGCATGGATTACTAAATGGACCACCGAGTTTACTCACTAAAAAGTAAA									
SARS-CoV-2 NC_045512.2 (29904)	-----									

SARS-CoV-2 & T4.apr

										Section 1737
	(166657)	166657	166672	166683	166694	166705	166716	166727	166738	166752
T4 NC 000866.4	(165923)	ATCCAGGTTT TAGATAAAATATCTTTATGCGGAGTTCTTAAAAACCATTCACCACCCTTGATTGTACCAATAACAGTAGCGCCTGCATCATT CAGAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1738
	(166753)	166753	166760	166771	166782	166793	166804	166815	166826	166837 166848
T4 NC 000866.4	(166019)	CAGTAACAGTCATATATTT CATATTAATTTCTCTAAATTATTTTCTACTCCAAGGCCGCATGAATACACACGCCATTAAATTACTCGTCGCAGT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1739
	(166849)	166849	166859	166870	166881	166892	166903	166914	166925	166944
T4 NC 000866.4	(166115)	CGACGCTCAATTCCCAAACTCTTCTACAGTATAAGTTTCAGTATCATTTCATACAGAAACGTTTATTACTATTATTTGCTAAAGTAGCATTAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1740
	(166945)	166945	166958	166969	166980	166991	167002	167013	167024	167040
T4 NC 000866.4	(166211)	CTGTCATTTTTTCGCTAGTGCTCTTAAGAGGTGAAATACGAATTAAGTATCACCATTATCTAAACAAAAATTTTACCAACTTTTACATCTTTAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1741
	(167041)	167041	167046	167057	167068	167079	167090	167101	167112	167123 167136
T4 NC 000866.4	(166307)	AACTTTTTCATAATTCACCTCAAGGAGTATAAAATCCAAATGCAGTTGTTGACCATCCCATCCAATATGGAAAATTTACACCAATGTAAACATAAG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1742
	(167137)	167137	167145	167156	167167	167178	167189	167200	167211	167232
T4 NC 000866.4	(166403)	AATATAAAACCAACCGCTCAGCAAATTCATCATTTTACACCATTCCAAATTGTTTCAACCACGGATTTTAAACCATTTTGATGAATATCCATTTCCT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1743
	(167233)	167233	167244	167255	167266	167277	167288	167299	167310	167328
T4 NC 000866.4	(166499)	ACTACCGCCATCAAATAAATTCCTCACTACAACCTGAACCTAAGGCAAAAATCAGCATGAAAATGAATAAAGCCGAAAAATATTATCGAAAAACCAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

Section 1744									
(167329)	167329	167343	167354	167365	167376	167387	167398	167409	167424
T4 NC 000866.4 (166595)	TCAATAAATGTAAAAGCACTGCGTTTACGTTTCATATTTTCTCACATAAATCCAAAGTAAACGTTTAAATACATCAATCATTAAAACGATTGGGAAT								
SARS-CoV-2 NC_045512.2 (29904)	-----								
Section 1745									
(167425)	167425	167431	167442	167453	167464	167475	167486	167497	167508 167520
T4 NC 000866.4 (166691)	ATACTCAAAACTATTAGTATTATAACTACATTCCATATAGCTTTAATAATCTTTTTTCATTTTCTGTTCTCCATAGTTGATAGGGTAATAGTACCA								
SARS-CoV-2 NC_045512.2 (29904)	-----								
Section 1746									
(167521)	167521	167530	167541	167552	167563	167574	167585	167596	167616
T4 NC 000866.4 (166787)	CGGAAGAACAGTCTTGTAACAACCTTTTTTAAAAATATTCGTAATAAATGTGAATACCAACTACTACCGCTGAAACCTGTGCAACCCACCACGCAC								
SARS-CoV-2 NC_045512.2 (29904)	-----								
Section 1747									
(167617)	167617	167629	167640	167651	167662	167673	167684	167695	167712
T4 NC 000866.4 (166883)	AAGCAATAAGTACAGAATTCAAAATTTTCATAATAACCTCATTACAAAAGTAAATGTTAAACAAATTACTGGAATACTAATTAACCAAACAAAACA								
SARS-CoV-2 NC_045512.2 (29904)	-----								
Section 1748									
(167713)	167713	167728	167739	167750	167761	167772	167783	167794	167808
T4 NC 000866.4 (166979)	CCACCATAATGAACTCATAGTTCAATCTCAGCGATTTTCATTTTATTCTCCAAATCCGTATCAGTAGTTGATAGTTGTATAGTACCACGGTCCTTG								
SARS-CoV-2 NC_045512.2 (29904)	-----								
Section 1749									
(167809)	167809	167816	167827	167838	167849	167860	167871	167882	167893 167904
T4 NC 000866.4 (167075)	TGGTATGTAACTGTTTTGTGAAATTTTTTAAATGGAAAGATACCATCCGTTGTAGTTGCTTTTTCTTACAACCTTTACGAAGGTCTTCTCTGTCAC								
SARS-CoV-2 NC_045512.2 (29904)	-----								
Section 1750									
(167905)	167905	167915	167926	167937	167948	167959	167970	167981	168000
T4 NC 000866.4 (167171)	CGATGAACTTCGGAGTGACTGGATGACACCTGGATGAATTTCTTTAGTGTTGAATATAATTATACAGTCAGCGACTTGATGATTTAGAATGGGCC								
SARS-CoV-2 NC_045512.2 (29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1751	
	(168001)	168001	168014	168025	168036	168047	168058	168069	168080	168096	
T4 NC_000866.4	(167267)	CTAGATTTATTCCAGAACCATATGGATACTCTCCGCTGCATCCCCTTGTTACCGAAATCCAACGTGAGTCAGTTTGATGTGTCTTAACTTCTACAC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1752	
	(168097)	168097	168102	168113	168124	168135	168146	168157	168168	168179	168192
T4 NC_000866.4	(167363)	GAAGCCCGCAGTATTTTGGATGAGCCAATACATCCCATGCATATGTGTACGGATCATCGACATCCTCTTGGCCTTTATTGACATATCCACTCAACC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1753	
	(168193)	168193	168201	168212	168223	168234	168245	168256	168267	168288	
T4 NC_000866.4	(167459)	AATCTGCCACAAAAAATCTGCGTACACAGCGATACGGCATCTTTCGATAACTTCTGCCTTATCTTGATTTGGGTTTTGTTTTAAAGAGTATCTTG									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1754	
	(168289)	168289	168300	168311	168322	168333	168344	168355	168366	168384	
T4 NC_000866.4	(167555)	CAGTATCAGCAATTTTGACCTTCATTTACAGGTCAAGTCACTGTTTCGATAGGGTAAATGTCGGAATCTGAAATAGTCTCTGTAACCCAGGATTCTG									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1755	
	(168385)	168385	168399	168410	168421	168432	168443	168454	168465	168480	
T4 NC_000866.4	(167651)	TTTTCTGCATTTAAACTTTTCCTTTATGTCGGAATCACCGATATTCATATAAATCATAATTTCTCTTAAACAAAAGGCCGAAGCCCTTTATTTTAC									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1756	
	(168481)	168481	168487	168498	168509	168520	168531	168542	168553	168564	168576
T4 NC_000866.4	(167747)	TTGAATTGTGCAATTCTTTTCTCTAGACATTCAGCATAAGATTTTCATTGAGATGAACTGCGAAAGTAGCAGTTCTTGCTCAACTGCGCTAACTGTT									
SARS-CoV-2 NC_045512.2	(29904)	-----									
										Section 1757	
	(168577)	168577	168586	168597	168608	168619	168630	168641	168652	168672	
T4 NC_000866.4	(167843)	AGAAACTTTGCGCTTTTCTAAAAATTTGCTCAGTGCATTAATTTTGAGCATTAATTGATCGTATTCTTCTTTTACTCGTGCTTGATAAGCTAACATA									
SARS-CoV-2 NC_045512.2	(29904)	-----									

SARS-CoV-2 & T4.apr

										Section 1758
	(168673)	168673	168685	168696	168707	168718	168729	168740	168751	168768
T4 NC_000866.4	(167939)	ATTTTCCTTAGTTAAGGGCCGAAGCCTTATTTAAATTGTTTCAGTAACGTCTTCAACTACTTCATATTGGCAGGTACGCATTTTAGCATCGTTGTAA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1759
	(168769)	168769	168784	168795	168806	168817	168828	168839	168850	168864
T4 NC_000866.4	(168035)	TCAATCGGAATTGATACTACATCGCGAGGATGAACCTTTAACTTTTACAACCTCGGCTGGTTGAACTACCAAAGTGACGAATATAAGATTTAGAACAC								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1760
	(168865)	168865	168872	168883	168894	168905	168916	168927	168938	168949 168960
T4 NC_000866.4	(168131)	ACATGCAAACCACGAGAACAAGTTTGTGTATCATCGTCATTACACAGAGTACGTGGCATTTTAACTACTTTACCCGGACTGTTATCAAAGGTGTTT								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1761
	(168961)	168961	168971	168982	168993	169004	169015	169026	169037	169056
T4 NC_000866.4	(168277)	GAGTGACAGTCAAAGTAATTGCTGCGAACTACTTTCCAAGCATAGAAGTAACCATCTTCTGTAATTTCAATATCGTTTGCTACCAAGAAATCAAAG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1762
	(169057)	169057	169070	169081	169092	169103	169114	169125	169136	169152
T4 NC_000866.4	(168323)	AGTCGAGATACCGCTTTTTGGCTTGGGTTTTCCAACAGATTTTCCAAGAACGGAAAATAAAATTCAAAGTTTTCGCCTTTTTCCATCGAGTCAAGA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1763
	(169153)	169153 169158	169169	169180	169191	169202	169213	169224	169235	169248
T4 NC_000866.4	(168419)	ATACGATCAACCAAACAGACCGCAATTCAATATTTGATAGAACAAGCTTCCACCTTCAATTGGAACATCGCCGGAATATATTTTTCAACAGCA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1764
	(169249)	169249	169257	169268	169279	169290	169301	169312	169323	169344
T4 NC_000866.4	(168515)	CGACGAACATTAATTTTTTGTGCCGCTTCTTCCAACCTATCCGCTACAAGCAGATTAAGAATTTCTGGAAGTTTGAATGAGTATTAGGAGTTGCG								
SARS-CoV-2 NC_045512.2	(29904)	-----								

SARS-CoV-2 & T4.apr

										Section 1765
	(169345)	169345	169356	169367	169378	169389	169400	169411	169422	169440
T4 NC_000866.4	(168611)	TTATAAGTTACGCCATCAACAGTAATTGAAATGAATTTTTTAGATGCATTCCAAATAATGTCAGATTTAGCAACTGGAGCAATAACTGCATCGCTA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1766
	(169441)	169441	169455	169466	169477	169488	169499	169510	169521	169536
T4 NC_000866.4	(168707)	TTAACTTTAACTGTAATATCACCGCTAATAGTAACCTTTAGGGCGTTTAGCTTCTTCAGCATTTTTCAAACACGACGGATTGTGTCAACCGATACA								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1767
	(169537)	169537	169543	169554	169565	169576	169587	169598	169609	169620 169632
T4 NC_000866.4	(168803)	CCTTGCCAATCAGCCAATTCTGTGGGTGTAATTACCACTTGAATACAGTTTAACAATTTAGCTTGTTCGTTTTTGGTCAGGCATTTAATATTG								
SARS-CoV-2 NC_045512.2	(29904)	-----								
										Section 1768
	(169633)	169633								
T4 NC_000866.4	(168899)	TACAT								
SARS-CoV-2 NC_045512.2	(29904)	-----								