

	cov	pid	161	2	240
1 AP006557_1_SARS_coronavirus_TWH_genomic_RNA_complete_genome	100.0	100.0	TAAACATATAATTATTTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
2 AP006558_1_SARS_coronavirus_TWJ_genomic_RNA_complete_genome	100.0	100.0	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
3 AP006559_1_SARS_coronavirus_TWK_genomic_RNA_complete_genome	100.0	100.0	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
4 AP006560_1_SARS_coronavirus_TWS_genomic_RNA_complete_genome	100.0	100.0	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
5 AP006561_1_SARS_coronavirus_TWY_genomic_RNA_complete_genome	100.0	100.0	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
6 AV274119_3_Severe_acute_respiratory_syndrome_related_coronavirus_isolate_Tor2_complete_genome	100.0	100.0	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
7 AV278487_3_SARS_coronavirus_Bd02_complete_genome	93.78	93.78	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
8 AV278488_2_SARS_coronavirus_Bd01_complete_genome	94.78	94.78	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
9 AV278489_3_SARS_coronavirus_Bd01_complete_genome	94.78	94.78	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
10 AV278490_3_SARS_coronavirus_Bd01_complete_genome	94.78	94.78	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
11 AV278491_3_SARS_coronavirus_HKU-39849_complete_genome	95.08	95.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
12 AV278554_2_SARS_coronavirus_CUHK_W1_complete_genome	100.0	100.0	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
13 AV278741_1_SARS_coronavirus_Urbani_complete_genome	100.0	100.0	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
14 AV279354_2_SARS_coronavirus_Bd04_complete_genome	94.78	94.78	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
15 AV282752_2_SARS_coronavirus_CUHK_Sulf_complete_genome	95.08	95.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
16 AV283794_1_SARS_coronavirus_Sin2500_complete_genome	94.78	94.78	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
17 AV283795_1_SARS_coronavirus_Sin2677_complete_genome	94.78	94.78	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
18 AV283799_1_SARS_coronavirus_Sin2679_complete_genome	94.78	94.78	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
19 AV283797_1_SARS_coronavirus_TWJ_2004_complete_genome	94.78	94.78	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
20 AV291315_1_SARS_coronavirus_Sin2746_complete_genome	94.78	94.78	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
21 AV291451_1_SARS_coronavirus_TW1_complete_genome	100.0	100.0	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
22 AV297028_1_SARS_coronavirus_Z201_complete_genome	100.0	100.0	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
23 AV304486_1_SARS_coronavirus_S23_complete_genome	95.38	95.38	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
25 AV304488_1_SARS_coronavirus_S216_complete_genome	95.08	95.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
26 AV304495_1_SARS_coronavirus_G250_complete_genome	95.08	95.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
27 AV310126_1_SARS_coronavirus_FRA_complete_genome	100.0	100.0	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
28 AV313901_1_SARS_coronavirus_GD69_complete_genome	100.0	100.0	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
29 AV322118_1_SARS_coronavirus_TW2_complete_genome	100.0	100.0	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
30 AV323297_2_SARS_coronavirus_HSR_1_complete_genome	100.0	100.0	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
31 AV333817_5_SARS_coronavirus_Taiwan_TC1_complete_genome	77.08	77.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
33 AV345986_1_SARS_coronavirus_CUHK_Ag01_complete_genome	95.08	95.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
34 AV345987_1_SARS_coronavirus_CUHK_Ag02_complete_genome	95.08	95.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
35 AV345988_1_SARS_coronavirus_CUHK_Ag03_complete_genome	95.08	95.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
36 AV348314_1_SARS_coronavirus_Taiwan_TC1_complete_genome	77.08	77.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
37 AV350777_1_SARS_coronavirus_PUMC01_complete_genome	95.78	95.78	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
38 AV351680_1_SARS_coronavirus_ZHY_1_complete_genome	100.0	99.78	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
39 AV357075_1_SARS_coronavirus_PUMC02_complete_genome	95.38	95.38	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
40 AV357076_1_SARS_coronavirus_PUMC03_complete_genome	100.0	100.0	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
41 AV362698_1_SARS_coronavirus_TW2C2_complete_genome	100.0	100.0	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
42 AV362699_1_SARS_coronavirus_TW2C3_complete_genome	100.0	100.0	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
43 AV390558_1_SARS_coronavirus_TWJ_complete_genome	100.0	100.0	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
44 AV394978_1_SARS_coronavirus_CS-B_complete_genome	93.08	93.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
47 AV394979_1_SARS_coronavirus_CS-C_complete_genome	76.08	76.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
48 AV394980_1_SARS_coronavirus_G2-D_partial_genome	82.78	82.78	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
49 AV394981_1_SARS_coronavirus_HK26SL1-A_partial_genome	84.78	84.38	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
50 AV394982_1_SARS_coronavirus_HK26SL1-B_partial_genome	83.08	83.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
51 AV394983_1_SARS_coronavirus_HS22-A_complete_genome	82.78	82.78	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
52 AV394984_1_SARS_coronavirus_HS22-A_partial_genome	84.38	84.38	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
53 AV394984_1_SARS_coronavirus_HS22-BB_complete_genome	16.78	16.78	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
54 AV394984_1_SARS_coronavirus_HS22-CB_complete_genome	83.08	83.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
55 AV394984_1_SARS_coronavirus_HS22-FB_complete_genome	86.08	86.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
56 AV394984_1_SARS_coronavirus_TW1_complete_genome	95.08	95.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
57 AV394988_1_SARS_coronavirus_HZ2-D_complete_genome	95.08	95.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
58 AV394990_1_SARS_coronavirus_HS22-F complete_genome	95.08	95.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
59 AV394991_1_SARS_coronavirus_TW1C_complete_genome	95.08	95.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
60 AV394992_1_SARS_coronavirus_HS22-Fc_complete_genome	95.08	95.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
61 AV394993_1_SARS_coronavirus_HS22-L complete_genome	95.08	95.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
62 AV394994_1_SARS_coronavirus_HS22-Bc_complete_genome	95.08	95.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
63 AV394995_1_SARS_coronavirus_HS22-Cc_complete_genome	95.08	95.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
64 AV394996_1_SARS_coronavirus_ZS-B_complete_genome	95.08	95.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
65 AV394997_1_SARS_coronavirus_ZS-A_complete_genome	95.08	95.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
66 AV394999_1_SARS_coronavirus_TW1C complete_genome	95.08	95.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
68 AV395000_1_SARS_coronavirus_LC4 complete_genome	95.08	95.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
69 AV395001_1_SARS_coronavirus_LC5 complete_genome	95.08	95.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
70 AV395002_1_SARS_coronavirus_LC6 complete_genome	95.08	95.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		
71 AV395003_1_SARS_coronavirus_ZS-C complete_genome	83.08	83.08	TAACCAATAATTAAATTATTACTCTGCTTGACAGAAA CGAGTAACTGTGCCCTCTTCGCGAGCTGCTAACGGTTTCTGC		

30 AY323977.2_SARS_coronavirus_HSR_1_complete_genome
 31 AY381797.1_SARS_coronavirus_Taiwan_TC1_complete_genome
 32 AY381796.1_SARS_coronavirus_Taiwan_TC2_complete_genome
 33 AY381795.1_SARS_coronavirus_TW1_genomic_RNA_complete_genome
 34 AY45987.1_SARS_coronavirus_CUHK-AG02_complete_genome
 35 AY45988.1_SARS_coronavirus_CUHK-AG03_complete_genome
 36 AY48314.1_SARS_coronavirus_Taiwan_TC1_complete_genome
 37 AY350750.1_SARS_coronavirus_PUMC01_complete_genome
 38 AY351680.1_SARS_coronavirus_ZMY_1_complete_genome
 39 AY357075.1_SARS_coronavirus_PUMC02_complete_genome
 40 AY357076.1_SARS_coronavirus_PUMC03_complete_genome
 41 AY362691.1_SARS_coronavirus_TW2C_complete_genome
 42 AY362691.1_SARS_coronavirus_TW3C_complete_genome
 43 AY390556.1_SARS_coronavirus_G202_complete_genome
 44 AY394977.1_SARS_coronavirus_G2-A_partial_genome
 45 AY394978.1_SARS_coronavirus_G2-B_complete_genome
 46 AY394978.1_SARS_coronavirus_G2-C_complete_genome
 47 AY394979.1_SARS_coronavirus_G2-D_partial_genome
 48 AY394980.1_SARS_coronavirus_G2-D partial genome
 49 AY394981.1_SARS_coronavirus_HG28L1-A_partial_genome
 50 AY394982.1_SARS_coronavirus_HG28L1-B_partial_genome
 51 AY394983.1_SARS_coronavirus_HS22-A_complete_genome
 52 AY394984.1_SARS_coronavirus_HS22-A_partial_genome
 53 AY394985.1_SARS_coronavirus_HS22-Bb_complete_genome
 54 AY394986.1_SARS_coronavirus_HS22-Cb_complete_genome
 55 AY394987.1_SARS_coronavirus_HS22-Pb_complete_genome
 56 AY394988.1_SARS_coronavirus_HS22-Rb_partial_genome
 57 AY394989.1_SARS_coronavirus_HS22-Sb_partial_genome
 58 AY394990.1_SARS_coronavirus_HS22-B_complete_genome
 59 AY394991.1_SARS_coronavirus_HS22-Fc_complete_genome
 60 AY394992.1_SARS_coronavirus_HS22-C_complete_genome
 61 AY394993.1_SARS_coronavirus_HG28L2_complete_genome
 62 AY394994.1_SARS_coronavirus_HS22-Bc_complete_genome
 63 AY394995.1_SARS_coronavirus_HS22-Cc_complete_genome
 64 AY394996.1_SARS_coronavirus_ZS-B_complete_genome
 65 AY394997.1_SARS_coronavirus_ZS-A_complete_genome
 66 AY394998.1_SARS_coronavirus_LC1_complete_genome
 67 AY394999.1_SARS_coronavirus_LC2_complete_genome
 68 AY395000.1_SARS_coronavirus_LC3_complete_genome
 69 AY395001.1_SARS_coronavirus_LC4_complete_genome
 70 AY395002.1_SARS_coronavirus_LC5_complete_genome
 71 AY395003.1_SARS_coronavirus_ZS-C_complete_genome
 72 AY395004.1_SARS_coronavirus_HS22-Bb_partial_genome
 73 AY427439.1_SARS_coronavirus_A8_complete_genome
 74 AY461660.1_SARS_coronavirus_Sd0_complete_genome
 75 AY463058.1_SARS_coronavirus_ShanghaiQX1_complete_genome
 76 AY463060.1_SARS_coronavirus_ShanghaiQX2_complete_genome
 77 AY485277.1_SARS_coronavirus_Sin01-11_complete_genome
 78 AY485278.1_SARS_coronavirus_Sin03-11_complete_genome
 79 AY502927.1_SARS_coronavirus_TW10_complete_genome
 80 AY502928.1_SARS_coronavirus_TW11_complete_genome
 81 AY502925.1_SARS_coronavirus_TW2_complete_genome
 82 AY502926.1_SARS_coronavirus_TW3_complete_genome
 83 AY502927.1_SARS_coronavirus_TW4_complete_genome
 84 AY502928.1_SARS_coronavirus_TW5_complete_genome
 85 AY502929.1_SARS_coronavirus_TW6_complete_genome
 86 AY502930.1_SARS_coronavirus_TW7_complete_genome
 87 AY502931.1_SARS_coronavirus_TW8_complete_genome
 88 AY502932.1_SARS_coronavirus_TW9_complete_genome
 89 AY508721.1_SARS_coronavirus_N5-1_complete_genome
 90 AY559081.1_SARS_coronavirus_Sin842_complete_genome
 91 AY559082.1_SARS_coronavirus_Sin852_complete_genome
 92 AY559083.1_SARS_coronavirus_Sin853_complete_genome
 93 AY559084.1_SARS_coronavirus_Sin876V_complete_genome
 94 AY559085.1_SARS_coronavirus_Sin848_complete_genome
 95 AY559086.1_SARS_coronavirus_Sin849_complete_genome
 96 AY559087.1_SARS_coronavirus_Sin372SV_complete_genome
 97 AY559088.1_SARS_coronavirus_SinP1_complete_genome
 98 AY559089.1_SARS_coronavirus_SinP2_complete_genome
 99 AY559090.1_SARS_coronavirus_SinP3_complete_genome
 100 AY559091.1_SARS_coronavirus_SinP4_complete_genome
 101 AY559092.1_SARS_coronavirus_SinP5_complete_genome
 102 AY559093.1_SARS_coronavirus_Sin845_complete_genome
 103 AY559094.1_SARS_coronavirus_Sin846_complete_genome
 104 AY559095.1_SARS_coronavirus_Sin847_complete_genome
 105 AY559096.1_SARS_coronavirus_Sin850_complete_genome
 106 AY559097.1_SARS_coronavirus_Sin340SL_complete_genome
 107 AY594512.1_SARS_coronavirus_LWJ_2004_complete_genome
 108 AY654624.1_SARS_coronavirus_TWf_complete_genome
 109 AY714217.1_SARS_Coronavirus_CDC'20301157_complete_genome
 110 CQ930001.1_Sequence_13_from_Patent_WO2004094667
 111 CQ918584.1_Sequence_1_from_Patent_WO2004096842
 112 CQ918585.1_Sequence_2_from_Patent_WO2004096842
 113 CQ918598.1_Sequence_15_from_Patent_WO2004096842
 114 NC_004718.2_SARS_coronavirus_complete_genome
 consensus/100%
 consensus/90%
 consensus/80%
 consensus/70%

cov	pid	481	5	560
100.0%	100.0%								
AP006557.1_SARS_coronavirus_TWH_genomic_RNA_complete_genome									
AP006558.1_SARS_coronavirus_TWJ_genomic_RNA_complete_genome									
AP006559.1_SARS_coronavirus_TWK_genomic_RNA_complete_genome									
AP006560.1_SARS_coronavirus_TWS_genomic_RNA_complete_genome									
AP006561.1_SARS_coronavirus_TWU_genomic_RNA_complete_genome									
AY274149.3_Severe_acute_respiratory_syndrome-related_coronavirus_isolate_Tor2_complete_genome									
AY274149.3_SARS_coronavirus_TW1A_complete_genome									
AY274848.2_SARS_coronavirus_Bu01_complete_genome									
AY278489.2_SARS_coronavirus_GD01_complete_genome									
AY278490.3_SARS_coronavirus_Bu103_complete_genome									
AY278491.2_SARS_coronavirus_HKU-39849_complete_genome									
AY278554.2_SARS_coronavirus_CUHK-W1_complete_genome									
AY278741.1_SARS_coronavirus_Urbani_complete_genome									
AY279354.2_SARS_coronavirus_Bu104_complete_genome									
AY283752.1_SARS_coronavirus_CUHK-Sulu_complete_genome									
AY283794.1_SARS_coronavirus_Sin2500_complete_genome									
AY283795.1_SARS_coronavirus_Sin2679_complete_genome									
AY283796.1_SARS_coronavirus_Sin2779_complete_genome									
AY283797.1_SARS_coronavirus_Sin2748_complete_genome									
AY283798.2_SARS_coronavirus_Sin2774_complete_genome									
AY291315.1_SARS_coronavirus_Frankfurt_1_complete_genome									
AY291451.1_SARS_coronavirus_TW1_complete_genome									
AY297022.1_SARS_coronavirus_Z101_complete_genome									
AY304486.1_SARS_coronavirus_S23_complete_genome									
AY304487.1_SARS_coronavirus_S216_complete_genome									
AY304495.1_SARS_coronavirus_G250_complete_genome									
AY310120.1_SARS_coronavirus_FRA_complete_genome									
AY313906.1_SARS_coronavirus_GD69_complete_genome									
AY322397.1_SARS_coronavirus_TW1B_complete_genome									
AY323977.2_SARS_coronavirus_HSR_1_complete_genome									
AY338174.1_SARS_coronavirus_Taiwan_TC1_complete_genome									
AY338175.1_SARS_coronavirus_Taiwan_TC2_complete_genome									
AY345987.1_SARS_coronavirus_CUHK-AG02_complete_genome									
AY345988.1_SARS_coronavirus_CUHK-AG03_complete_genome									
AY348314.1_SARS_coronavirus_Taiwan_TC1_complete_genome									
AY350750.1_SARS_coronavirus_PUMC01_complete_genome									
AY351680.1_SARS_coronavirus_ZMY_1_complete_genome									
AY357075.1_SARS_coronavirus_PUMC02_complete_genome									
AY362691.1_SARS_coronavirus_PUMC03_complete_genome									
AY362691.1_SARS_coronavirus_TW3C_complete_genome									
AY390556.1_SARS_coronavirus_G202_complete_genome									
AY394850.2_SARS_coronavirus_WHU_complete_genome									
AY394977.1_SARS_coronavirus_G2-A_partial_genome									
AY394978.1_SARS_coronavirus_G2-B_complete_genome									
AY394979.1_SARS_coronavirus_G2-C_complete_genome									
AY394980.1_SARS_coronavirus_G2-D_partial_genome									
AY394981.1_SARS_coronavirus_HG28L1-A_partial_genome									
AY394982.1_SARS_coronavirus_HG28L1-B_partial_genome									
AY394983.1_SARS_coronavirus_HS22-A_complete_genome									
AY394985.1_SARS_coronavirus_HS22-B_partial_genome									
AY394986.1_SARS_coronavirus_HS22-C_complete_genome									
AY394987.1_SARS_coronavirus_HS22-D_complete_genome									
AY394988.1_SARS_coronavirus_HS22-E_complete_genome									
AY394989.1_SARS_coronavirus_HS22-Fc_complete_genome									
AY394990.1_SARS_coronavirus_HS22-G complete genome									
AY394991.1_SARS_coronavirus_HS22-H complete genome									
AY394992.1_SARS_coronavirus_HS22-I complete genome									
AY394993.1_SARS_coronavirus_HS22-L complete genome									
AY394994.1_SARS_coronavirus_HS22-M complete genome									
AY394995.1_SARS_coronavirus_HS22-N complete genome									
AY394996.1_SARS_coronavirus_HS22-O complete genome									
AY394997.1_SARS_coronavirus_HS22-P complete genome									
AY394998.1_SARS_coronavirus_HS22-Q complete genome									
AY394999.1_SARS_coronavirus_HS22-R complete genome									
AY395000.1_SARS_coronavirus_HS22-S complete genome									

	cov	pid	561	-	-	1	584
1 AP006557_1_SARS_coronavirus_TW8_genomic_RNA_complete_genome	100.0%	100.0%					
2 AP006558_1_SARS_coronavirus_TW9_genomic_RNA_complete_genome	100.0%	100.0%					
3 AP006559_1_SARS_coronavirus_TW9_genomic_RNA_complete_genome	100.0%	100.0%					
4 AP006560_1_SARS_coronavirus_TW9_genomic_RNA_complete_genome	100.0%	100.0%					
5 AP006561_1_SARS_coronavirus_TW9_genomic_RNA_complete_genome	100.0%	100.0%					
6 AY274119_3_Severe_acute_respiratory_syndrome-related冠状病毒_isolate_Tor2_complete_genome	100.0%	100.0%					
7 AY278487_1_SARS_coronavirus_BJ02_complete_genome	100.0%	100.0%					
8 AY278488_2_SARS_coronavirus_BJ01_complete_genome	93.7%	93.7%					
9 AY278489_2_SARS_coronavirus_GD01_complete_genome	94.7%	94.7%					
10 AY278490_1_SARS_coronavirus_TW03_complete_genome	98.7%	98.7%					
11 AY278491_2_SARS_coronavirus_TW04_complete_genome	100.0%	100.0%					
12 AY278554_2_SARS_coronavirus_CUHK-W1_complete_genome	95.0%	95.0%					
13 AY278741_1_SARS_coronavirus_Urbani_complete_genome	100.0%	100.0%					
14 AY279354_2_SARS_coronavirus_BJ04_complete_genome	94.7%	94.7%					
15 AY282752_2_SARS_coronavirus_CUHK-Su10_complete_genome	95.0%	95.0%					
16 AY283794_1_SARS_coronavirus_Sin2500_complete_genome	94.7%	94.7%					
17 AY283795_1_SARS_coronavirus_Sin2677_complete_genome	94.7%	94.7%					
18 AY283796_1_SARS_coronavirus_Sin2679_complete_genome	94.7%	94.7%					
19 AY283797_1_SARS_coronavirus_Sin2748_complete_genome	94.7%	94.7%					
20 AY283799_2_SARS_coronavirus_Sin2774_complete_genome	94.7%	94.7%					
21 AY283800_1_SARS_coronavirus_Frankfurt_1_complete_genome	100.0%	100.0%					
22 AY291451_1_SARS_coronavirus_TW01_complete_genome	100.0%	100.0%					
23 AY297028_1_SARS_coronavirus_ZA01_complete_genome	95.3%	95.3%					
24 AY304486_1_SARS_coronavirus_S23_complete_genome	95.0%	95.0%					
25 AY304488_1_SARS_coronavirus_S216_complete_genome	95.0%	95.0%					
26 AY304495_1_SARS_coronavirus_G250_complete_genome	95.0%	95.0%					
27 AY310120_1_SARS_coronavirus_FRA_complete_genome	100.0%	100.0%					
28 AY313905_1_SARS_coronavirus_GD69_complete_genome	100.0%	100.0%					
29 AY321116_1_SARS_coronavirus_TW2_complete_genome	100.0%	100.0%					
30 AY323977_2_SARS_coronavirus_HSR_1_complete_genome	100.0%	100.0%					
31 AY338174_1_SARS_coronavirus_Taiwan_TC1_complete_genome	77.0%	77.0%					
32 AY338175_1_SARS_coronavirus_Taiwan_TC2_complete_genome	77.0%	77.0%					
33 AY344597_1_SARS_coronavirus_TW0H-Ant_A-complete_genome	95.0%	95.0%					
34 AY345987_1_SARS_coronavirus_CUHK-A092-complete_genome	95.0%	95.0%					
35 AY345988_1_SARS_coronavirus_CUHK-A093-complete_genome	95.0%	95.0%					
36 AY349314_1_SARS_coronavirus_Taiwan_TC1_complete_genome	77.0%	77.0%					
37 AY351750_1_SARS_coronavirus_PUMC01_complete_genome	95.7%	95.7%					
38 AY351680_1_SARS_coronavirus_ZHY_1_complete_genome	100.0%	99.7%					
39 AY357075_1_SARS_coronavirus_PUMC02_complete_genome	95.3%	95.3%					
40 AY357076_1_SARS_coronavirus_PUMC03_complete_genome	95.3%	95.3%					
41 AY362699_1_SARS_coronavirus_TW2C_complete_genome	100.0%	100.0%					
42 AY362699_1_SARS_coronavirus_TW3C_complete_genome	100.0%	100.0%					
43 AY390558_1_SARS_coronavirus_G202_complete_genome	100.0%	100.0%					
44 AY394850_2_SARS_coronavirus_WHU_complete_genome	100.0%	100.0%					
45 AY394877_1_SARS_coronavirus_TW-A_partial_genome	83.0%	83.0%					
46 AY394977_1_SARS_coronavirus_TW-B_partial_genome	83.0%	83.0%					
47 AY394978_1_SARS_coronavirus_TW-C_partial_genome	82.7%	82.7%					
48 AY394980_1_SARS_coronavirus_G2-D_partial_genome	84.7%	84.3%					
49 AY394981_1_SARS_coronavirus_HG28L1-A_partial_genome	83.0%	83.0%					
50 AY394982_1_SARS_coronavirus_HG28L1-B_partial_genome	82.7%	82.7%					
51 AY394983_1_SARS_coronavirus_HG22-A_complete_genome	82.7%	82.7%					
52 AY394984_1_SARS_coronavirus_HG22-A_partial_genome	84.3%	84.3%					
53 AY394985_1_SARS_coronavirus_HG2-Bb_complete_genome	16.7%	16.7%	TGGTTCAGAAATGGACGGCATTC				
54 AY394986_1_SARS_coronavirus_HG2-Cb_complete_genome	83.0%	83.0%					
55 AY394987_1_SARS_coronavirus_HG2-Pb_complete_genome	86.0%	86.0%					
56 AY394988_1_SARS_coronavirus_HG2-Rb_partial_genome	71.3%	71.3%					
57 AY394989_1_SARS_coronavirus_HG2-Sb_partial_genome	95.0%	95.0%					
58 AY394990_1_SARS_coronavirus_HG2-S_b-complete_genome	95.0%	95.0%					
59 AY394991_1_SARS_coronavirus_HG2-SFc_complete_genome	95.0%	95.0%					
60 AY394992_1_SARS_coronavirus_HG2-S_C-complete_genome	95.0%	95.0%					
61 AY394993_1_SARS_coronavirus_HG28L2L_complete_genome	95.0%	95.0%					
62 AY394994_1_SARS_coronavirus_HG2-Bc_complete_genome	95.0%	95.0%					
63 AY394995_1_SARS_coronavirus_HG2-Cc_complete_genome	95.0%	95.0%					
64 AY394996_1_SARS_coronavirus_HG2-Pb_complete_genome	95.0%	95.0%					
65 AY394997_1_SARS_coronavirus_ZS-B_complete_genome	95.0%	95.0%					
66 AY394998_1_SARS_coronavirus_TW3-A_complete_genome	95.0%	95.0%					
67 AY395000_1_SARS_coronavirus_TW3-C_complete_genome	95.0%	95.0%					
68 AY395001_1_SARS_coronavirus_TW4-A_complete_genome	95.0%	95.0%					
69 AY395002_1_SARS_coronavirus_TW5C_complete_genome	95.0%	95.0%					
70 AY395003_1_SARS_coronavirus_TW5-C_complete_genome	83.0%	83.0%					
72 AY395004_1_SARS_coronavirus_TW52B_partial_genome	84.3%	84.3%					
73 AY274349_1_SARS_coronavirus_AS_complete_genome	94.7%	94.7%					
74 AY461660_1_SARS_coronavirus_SdC_complete_genome	95.0%	94.7%					
75 AY463059_1_SARS_coronavirus_ShanghaiQX1_complete_genome	73.7%	73.7%					
76 AY463060_1_SARS_coronavirus_ShanghaiQX2_complete_genome	73.7%	73.7%					
77 AY485277_1_SARS_coronavirus_Sin01-11_complete_genome	100.0%	100.0%					
78 AY485278_1_SARS_coronavirus_Sin03-11_complete_genome	100.0%	100.0%					
79 AY502324_1_SARS_coronavirus_TW10_complete_genome	100.0%	100.0%					
80 AY502324_1_SARS_coronavirus_TW11_complete_genome	100.0%	100.0%					
81 AY502324_1_SARS_coronavirus_TW2_complete_genome	100.0%	100.0%					
82 AY502324_1_SARS_coronavirus_TW3_complete_genome	100.0%	100.0%					
84 AY502328_1_SARS_coronavirus_TW5_complete_genome	100.0%	100.0%					
85 AY502329_1_SARS_coronavirus_TW6_complete_genome	100.0%	100.0%					
86 AY502330_1_SARS_coronavirus_TW7_complete_genome	100.0%	100.0%					
87 AY502331_1_SARS_coronavirus_TW8_complete_genome	100.0%	100.0%					
88 AY502332_1_SARS_coronavirus_TW9_complete_genome	100.0%	100.0%					
89 AY508724_1_SARS_coronavirus_NS-1_complete_genome	94.7%	94.7%					
90 AY559081_1_SARS_coronavirus_Sin842_complete_genome	95.7%	95.3%					
91 AY559082_1_SARS_coronavirus_Sin852_complete_genome	99.7%	96.3%					
92 AY559083_1_SARS_coronavirus_Sin8765V_complete_genome	88.7%	85.3%					
94 AY559085_1_SARS_coronavirus_Sin848_complete_genome	94.7%	94.7%					
95 AY559086_1_SARS_coronavirus_Sin849_complete_genome	94.7%	94.7%					
96 AY559087_1_SARS_coronavirus_Sin3725V_complete_genome	94.7%	94.7%					
97 AY559088_1_SARS_coronavirus_SinP1_complete_genome	94.7%	94.7%					
98 AY559089_1_SARS_coronavirus_SinP2_complete_genome	95.3%	92.7%					
99 AY559091_1_SARS_coronavirus_Sin833_complete_genome	94.7%	94.7%					
100 AY559091_1_SARS_coronavirus_SinN4_complete_genome	94.7%	94.7%					
101 AY559092_1_SARS_coronavirus_SinN5_complete_genome	94.7%	94.7%					
102 AY559093_1_SARS_coronavirus_SinN45_complete_genome	94.7%	94.7%					
104 AY559095_1_SARS_coronavirus_Sin47_complete_genome	96.7%	96.0%					
105 AY559096_1_SARS_coronavirus_Sin805_complete_genome	97.3%	95.7%					
106 AY559097_1_SARS_coronavirus_Sin3408L_complete_genome	94.7%	94.7%					
107 AY595412_1_SARS_coronavirus_LuJ-2004_complete_genome	93.0%	93.0%					

	99.7%	99.0%	-----
108 AY654624.1_SARS_coronavirus_TJF_complete_genome	100.0%	100.0%	-----
109 AY714217.1_SARS_Coronavirus_CDC*200301157_complete_genome	100.0%	100.0%	-----
110 CG903395.1_Sequence_13_from_Patent_WO2004094667	100.0%	99.78	-----
111 CG918584.1_Sequence_1_from_Patent_WO2004096842	95.0%	95.0%	-----
112 CG918585.1_Sequence_2_from_Patent_WO2004096842	95.0%	95.0%	-----
113 CG918598.1_Sequence_15_from_Patent_WO2004096842	100.0%	100.0%	-----
114 NC_004718.3_SARS_coronavirus_complete_genome	100.0%	100.0%	-----
consensus/100%	-----
consensus/90%	-----
consensus/80%	-----
consensus/70%	-----

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