

**S1 Table. Mitis group genomes included in the Initial Database**

<b>Organism</b>	<b>Strain</b>	<b>GenBank Accession number</b>
<i>Streptococcus gordonii</i>	CH1	NC_009785.1
<i>Streptococcus mitis</i>	B6	NC_013853.1
<i>Streptococcus oligofermentans</i>	AS 1.3089	NC_021175.1
<i>Streptococcus oralis</i>	Uo5	NC_015291.1
<i>Streptococcus parasanguinis</i>	ATCC 15912 T	NC_015678.1
<i>Streptococcus parasanguinis</i>	FW213	NC_017905.1
<i>Streptococcus pneumoniae</i>	70585	NC_012468.1
<i>Streptococcus pneumoniae</i>	670-6B	NC_014498.1
<i>Streptococcus pneumoniae</i>	A026	NC_022655.1
<i>Streptococcus pneumoniae</i>	AP200	NC_014494.1
<i>Streptococcus pneumoniae</i>	ATCC 700669	NC_011900.1
<i>Streptococcus pneumoniae</i>	CGSP14	NC_010582.1
<i>Streptococcus pneumoniae</i>	D39	NC_008533.1
<i>Streptococcus pneumoniae</i>	G54	NC_011072.1
<i>Streptococcus pneumoniae</i>	gamPNI0373	NC_018630.1
<i>Streptococcus pneumoniae</i>	Hungary19A	NC_010380.1
<i>Streptococcus pneumoniae</i>	INV104	NC_017591.1
<i>Streptococcus pneumoniae</i>	INV200	NC_017593.1
<i>Streptococcus pneumoniae</i>	JJA	NC_012466.1
<i>Streptococcus pneumoniae</i>	OXC141	NC_017592.1
<i>Streptococcus pneumoniae</i>	P1031	NC_012467.1
<i>Streptococcus pneumoniae</i>	R6	NC_003098.1
<i>Streptococcus pneumoniae</i>	SPN032672	NC_021003.1
<i>Streptococcus pneumoniae</i>	SPN033038	NC_021004.1
<i>Streptococcus pneumoniae</i>	SPN034156	NC_021006.1
<i>Streptococcus pneumoniae</i>	SPN034183	NC_021028.1
<i>Streptococcus pneumoniae</i>	SPN994038	NC_021026.1
<i>Streptococcus pneumoniae</i>	SPN994039	NC_021005.1
<i>Streptococcus pneumoniae</i>	SPNA45	NC_018594.1
<i>Streptococcus pneumoniae</i>	ST556	NC_017769.2
<i>Streptococcus pneumoniae</i>	Taiwan19F	NC_012469.1
<i>Streptococcus pneumoniae</i>	TCH8431	NC_014251.1
<i>Streptococcus pneumoniae</i>	TIGR4	NC_003028.3
<i>Streptococcus pseudopneumoniae</i>	IS7493	NC_015875.1
<i>Streptococcus sanguinis</i>	SK36	NC_009009.1