

Additional file 1. General features of *S. mutans* NN2025 and UA159

Features	Strains	
	NN2025	UA159 <sup>1</sup>
Serotype	<i>c</i>	<i>c</i>
Length of sequence	2,013,587	2,030,921
G+C content	36.85%	36.83%
Open Reading frames		
Percentage of coding	85.18%	85.82%
Protein coding region	1895	1960
Average gene length (bp)	903.2	889.3
RNA		
ribosomal RNA	5	5
transfer RNA	65	65
Tansposon or Insertion sequence (IS)		
full length	6	7
partial	13	15

<sup>1</sup>The genomic sequences of *S. mutans* UA159 (NC004350) was obtained through the website of the National Center of Biological Information (NCBI, <http://www.ncbi.nlm.nih.gov>).