

Table S4. Strains screened for ZmpC protease activity

Species	Strain	ZmpC protease activity
<i>S. pneumoniae</i>	TIGR4	Positive
	R6	Negative
	TIGR4 Δ <i>zmpC</i>	Negative
	TIGR4 Δ <i>zmpB</i>	Positive
	TIGR4 Δ <i>iga</i>	Positive
	274/95	Negative
	276/95	Positive
	415/98	Positive
	14860	Positive
	<i>S. mitis</i>	SK142
SK597		Negative
SK609		Negative
SK564		Negative
SK137		Positive
SK321		Negative
SK579		Negative
SK1073		Negative
SK575		Negative
SK569		Negative
SK1080		Negative
SK616		Negative
<i>S. mitis</i> biovar 2	SK95	Negative
<i>S. oralis</i>	SK2	Negative
	SK141	Negative
	SK23	Negative
	SK255	Negative
	SK313	Negative
	SK610	Negative
	SK100	Negative
	SK10	Negative
	SK304	Negative
	SK1074	Negative
<i>S. pseudopneumoniae</i>	SK1069	Negative
	SK674	Negative
<i>S. sanguinis</i>	SK112	Negative
	SK162	Negative
	SK115	Negative
	SK36	Negative
	SK49	Negative
	SK4	Negative
	SK85	Negative

<i>S. gordonii</i>	SK7 (Challis NCTC 7868)	Negative
<i>G. haemolysans</i>	SK1007 (CCUG 411)	Negative
	SK1008 (CCUG 4815)	Negative
	SK1009 (CCUG 28134)	Negative
	SK1012 (CCUG 37985; ATCC 10379)	Negative
	SK940	Negative
<i>S. infantis</i>	SK1076	Negative
	SK970	Negative
	SK959	Negative
<i>S. anginosus</i>	SK52	Negative
	SK1138	Negative
	SK1267	Negative
<i>S. constellatus</i> subsp. <i>pharyngis</i>	SK1060	Negative
<i>S. intermedius</i>	SK54	Negative
<i>S. parasanguinis</i>	SK236	Negative
<i>S. australis</i>	SK956	Negative
<i>S. cristatus</i>	SK231	Negative
<i>S. peroris</i>	SK958	Negative
<i>Streptococcus</i> new species	SK140	Negative
<i>Streptococcus</i> new species	SK643	Negative