

Table S1 Characteristics used to distinguish strain SP218 and SP219 from *S.pneumoniae* and *S.pseudopneumoniae*

Characteristic	SP218	SP219	<i>S. pneumoniae</i> ST556	<i>S. pseudopneumoniae</i> *
Temperature (optimum)°C	37	37	37	37
pH (optimum)	7.2	7.2	7.2	7.2
Sodium deoxycholate	+	+	+	-
Optochin	+	+	+	+
Enzyme activity				
Arginine dihydrolase	-	-	-	-
β -glucosidase	-	-	-	-
β -galactosidase	-	+	-	-
β -glucuronidase	-	-	-	-
α -galactosidase	+	+	+	+
Alkaline phosphatase	-	-	-	-
Alanyl-phenylalanyl-proline	+	+	+	-
Arylamidase				
β -galactosidase	-	-	-	-
Pyroglutamic acid arylamidase	-	-	-	-
n-acetyl- β -glucosaminidase	-	-	-	-
Glycyl-tryptophan arylamidase	+	+	+	-
β -mannosidase	-	-	-	-
Acid production				
Ribose	+	+	-	-
Mannitol	-	-	-	W
Sorbitol	-	-	-	-
Lactose	W	+	W	+
Trehalose	W	+	+	-
Raffinose	-	+	+	-
Glycogen	-	-	-	-
Pullulane	-	-	-	-
Maltose	+	+	+	-
Melibiose	-	-	-	-
Saccharose	-	-	-	-
L-arabinose	+	+	+	-
D-arabitol	-	-	-	-
Melezitose	-	-	-	-
methyl- β D-glucopyranoside	-	-	-	-
Tagatose	-	-	-	-
Cyclode Xtrin	-	-	-	-
Else				
Acetoin production	-	-	-	-
Hydrolysis of hippurate	+	+	-	-

*Lim YK, Park SN, Shin JH, Chang YH, Shin Y, Paek J, Kim H, Kook JK. 2019. *Streptococcus chosunense* sp. nov., Isolated from Human Postoperative Maxillary Cyst. Curr Microbiol 76:1193-1198. <https://doi.org/10.1007/s00284-019-01746-0>

Symbols: +, positive; -, negative; w, weak.