

Table S2. *Proteus* spp. strains included in phylogenetic analysis of 16S rRNA gene sequences retrieved from NCBI database.

Species and strain	Accession no. of 16S rRNA gene
Proteobacteria phylum	
Gammaaproteobacteria class	
Morganellaceae family, <i>Proteus</i> genus	
<i>Proteus alimenterum</i> strain FITM-28	MN625854.1
<i>Proteus alimenterum</i> strain TY6	MK332344.1
<i>Proteus hauseri</i> strain NBRC 105696	AB682269.1
<i>Proteus hauseri</i> strain CEMTC_691	MZ396548.1
<i>Proteus mirabilis</i> strain Prom22	MZ067160.1
<i>Proteus mirabilis</i> strain R18	OL629226.1
<i>Proteus myxofaciens</i> strain NBRC 105711	AB682280.1
<i>Proteus myxofaciens</i> strain GTC 1265	AB273746.1
<i>Proteus myxofaciens</i> strain VITVJ1	OM250031.1
<i>Proteus penneri</i> strain ALK616	KC456586.1
<i>Proteus penneri</i> strain ALK629	KC456594.1
<i>Proteus penneri</i> strain N501	MK629815.1
<i>Proteus terrae</i> strain N5/687	MN749807.1
<i>Proteus terrae</i> strain N5/687	OK083578.1
Other Morganellaceae genera	
<i>Morganella morganii</i> strain JX2021	OL989214.1