

**S1 Table.** 16 rRNA genes similarity of BUN33 strain ( CP022390.1) and all type strains of the genus *Alcaligenes* using MAFFT

<b>Type strain</b>	<b>AB920 828.1</b>	<b>AJ2429 86.1</b>	<b>AJ937 889.1</b>	<b>CP02 2390.1</b>	<b>CP0 3215 3.2</b>	<b>CP03 2153.1</b>	<b>CP032 153.3</b>	<b>KR96 7368.1</b>	<b>D880 08.1</b>	<b>AY296 718.1</b>	<b>U9692 7.1</b>
<b>AB920 828.1</b>	100	98.71	98.08	98.65	98.65	98.79	98.65	97.16	98.15	96.88	88.52
<b>AJ242 986.1</b>	98.71	100	99.71	99.79	99.79	99.65	99.5	98.3	98.65	97.31	89.05
<b>AJ937 889.1</b>	98.08	99.71	100	99.91	99.91	99.72	99.54	97.97	98.5	97.19	87.39
<b>CP022 390.1</b>	98.65	99.79	99.91	100	100	99.87	99.74	98.36	98.84	96.84	89.54
<b>CP032 153.2</b>	98.65	99.79	99.91	100	100	99.87	99.74	98.36	98.84	96.84	89.54
<b>CP032 153.1</b>	98.79	99.65	99.72	99.87	99.87	100	99.87	98.23	98.71	96.71	89.67
<b>CP032 153.3</b>	98.65	99.5	99.54	99.74	99.74	99.87	100	98.1	98.57	96.57	89.81
<b>KR967 368.1</b>	97.16	98.3	97.97	98.36	98.36	98.23	98.1	100	97.41	95.56	88.87
<b>D8800 8.1</b>	98.15	98.65	98.5	98.84	98.84	98.71	98.57	97.41	100	97.34	88.75
<b>AY296 718.1</b>	96.88	97.31	97.19	96.84	96.84	96.71	96.57	95.56	97.34	100	87.11
<b>U9692 7.1</b>	88.52	89.05	87.39	89.54	89.54	89.67	89.81	88.87	88.75	87.11	100