

Table S3. The strains belonging to the species *Pseudoalteromonas distincta* according to the genome-based identification by EzBiocloud

GenBank accession number	Original name	Strain	Source	Geographical origin	Country	Year
<a href="#">GCA_000814675.1</a>	<i>Pseudoalteromonas distincta</i>	ATCC 700518(Type)	Marine sponge	Bering Sea, 109 miles east of Kamchatka Peninsula	Russia	1989
<a href="#">GCA_000497935.1</a>	<i>Pseudoalteromonas haloplanktis</i>	AC163	Antarctic marine sponge	-	-	-
<a href="#">GCA_000497995.1</a>	<i>Pseudoalteromonas haloplanktis</i>	TB25	Antarctic marine sponge	-	-	-
<a href="#">GCA_000498015.1</a>	<i>Pseudoalteromonas haloplanktis</i>	TAE79	Water column	-	-	-
<a href="#">GCA_000498035.1</a>	<i>Pseudoalteromonas haloplanktis</i>	TAE80	Water column	-	-	-
<a href="#">GCA_000212655.3</a>	<i>Pseudoalteromonas haloplanktis</i>	ANT/505	-	-	-	-
<a href="#">GCA_005877035.1</a>	<i>Pseudoalteromonas distincta</i>	16-SW-7	Seawater	coastline of Kuril Isls, Okhotsk Sea, Pacific Ocean	Russia	2017
<a href="#">GCA_007786285.1</a>	<i>Pseudoalteromonas elyakovii</i>	SM1926	-	-	-	2017
<a href="#">GCA_008370225.1</a>	<i>Pseudoalteromonas distincta</i>	U2A	Algae surface(host:Fucus)	Willows Beach, Victoria, BC	Canada	2012
<a href="#">GCA_000803085.1</a>	<i>Pseudoalteromonas flavipulchra</i> NCIMB 2033 = ATCC BAA-314	ATCC BAA-314	Sea Water	Nice	France	1978