

Table S2 – Genes used in the MLSA analyses. RAST indicates that genes were annotated and identified using RAST annotations otherwise the locus_tag is indicated. When multiple locus_tag are indicated, the one used is in bold.

Strain	<i>16S rRNA</i>	<i>ftsZ</i>	<i>gapA</i>	<i>gyrB</i>	<i>mreB</i>	<i>pyrH</i>	<i>recA</i>	<i>rpoA</i>	<i>topA</i>	<i>fur</i>
<i>P. damselae</i> subsp. <i>damselae</i> CIP 102761	AB032015	VDA_001180	VDA_001240	VDA_003250	VDA_003504	VDA_001360	VDA_001282	VDA_003464	VDA_002384	VDA_002511
<i>P. damselae</i> subsp. <i>piscicida</i> D121	RAST	RAST	RAST	RAST	RAST	RAST	RAST	RAST	RAST	RAST
<i>P. damselae</i> subsp. <i>damselae</i> ATCC 33539	NR_040831 ; NR_119052.1; FJ971859	UB36_13705	UB36_17335	UB36_18700	UB36_13420	UB36_20750	UB36_17065	UB36_20875	UB36_04120	UB36_04870
<i>Photobacterium</i> sp. SKA34	AF255623	SKA34_2240 2	SKA34_2205 2	SKA34_1733 3	SKA34_2272 9	SKA34_2134 9	SKA34_2175 5	SKA34_2297 7	SKA34_0341 9	SKA34_0265 9
<i>Photobacterium</i> sp. AK15 (marinum)	NR_133050.1	C942_04822	C942_01118	C942_02909	C942_04764	C942_03492	C942_01172	C942_02953	C942_01398	C942_01251
<i>P. profundum</i> 3TCK	DQ027054.1	P3TCK_243 70	P3TCK_2473 6	P3TCK_2292 9	P3TCK_2407 0	P3TCK_2544 0	P3TCK_2501 6	P3TCK_2387 0	P3TCK_2790 4	P3TCK_1601 4
<i>P. profundum</i> SS9	AB003191 ; PSU91586	PBPRA3211	PBPRA3132	PBPRA0011	PBPRA3270	PBPRA2966	PBPRA3068	PBPRA0345	PBPRA2477	PBPRA1035
<i>P. leiognathi</i> subsp. <i>mandapamensis</i> svers.1.1.	KC456610.1	RAST	RAST	RAST	RAST	RAST	RAST	RAST	RAST	RAST
<i>P. leiognathi</i> Irivu.4.1	NR_115541.1 ; AY204498.1	RAST	RAST	RAST	RAST	RAST	RAST	RAST	RAST	RAST
<i>P. leiognathi</i> ATCC 25521	D25309.1	UB42_05010	UB42_10705	UB42_10125	UB42_05295	UB42_15885	UB42_10975	UB42_19320	UB42_03440	UB42_15530
<i>P. leiognathi</i> ATCC 33979	-	UB34_03160	UB34_06890	UB34_12385	UB34_02875	UB34_16825	UB34_07160	UB34_19695	UB34_11980	UB34_13820
<i>P. angustum</i> S14	AJ630163.2	VAS14_1991 1	VAS14_2023 1	VAS14_2235 7	VAS14_1962 6	VAS14_2096 6	VAS14_2049 6	VAS14_1933 6	VAS14_1841 4	VAS14_1767 6
<i>P. angustum</i> ATCC 25915	NR_119046.1	UB33_14340	UB33_16680	UB33_17120	UB33_14050	UB33_19385	UB33_16410	UB33_20160	UB33_12670	UB33_04410
<i>P. angustum</i> ATCC 33977	-	UB35_14360	UB35_16015	UB35_16905	UB35_14070	UB35_19055	UB35_15750	UB35_20175	UB35_01635	UB35_02395
<i>P. angustum</i> ATCC 33975	AY900628.1	UB39_10920	UB39_15480	UB39_18015	UB39_10630	UB39_17475	UB39_15210	UB39_20870	UB39_10245	UB39_00400
<i>P. halotolerans</i> DSM 18316	NR_042975.1	RAST	RAST	RAST	RAST	RAST	RAST	RAST	RAST	RAST
<i>P. galathea</i> S2753	KR704916 ; FJ457476	EA58_05035	EA58_04580	EA58_08470	EA58_05325	EA58_18525	EA58_04325	EA58_08130	-	EA58_03265
<i>P. halotolerans</i> MELD1	KC903134.1	KY46_10315	KY46_09915	KY46_18430	KY46_10600	KY46_18145	KY46_19655	KY46_21110	KY46_05665	KY46_04475
<i>P. phosphoreum</i> ANT-2200	EU881910.1	PPBDW_I20 087	PPBDW_I201 68	PPBDW_I100 65	PPBDW_I200 29	PPBDW_I203 04	PPBDW_I202 20	PPBDW_I103 38	PPBDW_I217 35	PPBDW_500 29
<i>P. phosphoreum</i> ATCC 11040	NR_119047.1 ; NR_115205.1; AY341437.1	UB41_05570	UB41_09335	UB41_11210	UB41_12100	UB41_17225	UB41_09585	UB41_19395	UB41_00885	UB41_01500
<i>P. gaetbulicola</i> Gung47	NR_117271.1 ; GQ260188.1	H744_2c070 7	H744_2c0784	H744_2c0322	H744_2c0648	H744_2c0925	H744_2c0841	H744_2c0600	H744_2c2703	H744_2c1241

<i>P. gaetbulicola</i> AD005a	RJ45_01325	RJ45_05475	RJ45_25915	RJ45_14550	RJ45_16640	RJ45_03805	RJ45_17415	RJ45_17760	RJ45_22920	RJ45_13565
<i>P. sanctipauli</i> A-394	NR_126301.1; KF748537.1; NR_126275.1; KC751088.1	RAST	RAST	RAST	RAST	RAST	RAST	RAST	RAST	RAST
<i>P. swingsii</i> CAIM 1393	NR_117351.1; GQ386822.1	AB733_1352 5	AB733_21045	AB733_18230	AB733_13235	AB733_17490	AB733_21315	AB733_22840	AB733_00535	AB733_10315
<i>P. ganghwense</i> DSM 22954	NR_043295.1; AY960847.2	ABT57_1962 5	ABT57_18865	ABT57_22530	ABT57_19910	ABT57_00220	ABT57_19135	ABT57_10545	ABT57_01030	ABT57_2390 0
<i>P. aquae</i> CGMCC 1.12159	NR_133815.1; JQ948040.1	ABT56_0925 5	ABT56_07995	ABT56_20835	ABT56_08970	ABT56_03810	ABT56_07730	ABT56_21155	ABT56_02290	ABT56_0305 5
<i>P. kishitanii</i> GCSL-A1-3	UA42_22830	UA42_10690	UA42_16515	UA42_17650	UA42_10405	UA42_17110	UA42_16770	UA42_22285	UA42_03665	UA42_04315
<i>P. kishitanii</i> GCSL-A1-2	UA40_22770	UA40_10935	UA40_16310	UA40_17100	UA40_11220	UA40_20535	UA40_16565	UA40_22275	UA40_05810	UA40_06525
<i>P. kishitanii</i> ATCC BAA-1194	NR_042852.1; AY341439.1	UB40_07970	UB40_14090	UB40_16315	UB40_08255	UB40_19380	UB40_14340	UB40_20590	UB40_01490	UB40_00845
<i>P. kishitanii</i> GCSL-A1-1	UA41_22745	UA41_06365	UA41_15730	UA41_16960	UA41_06650	UA41_20485	UA41_15985	UA41_22160	UA41_03300	UA41_03950
<i>P. kishitanii</i> GCSL-A1-4	UA38_22550	UA38_09245	UA38_14910	UA38_15685	UA38_08960	UA38_19805	UA38_15165	UA38_21845	UA38_12435	UA38_05395
<i>P. iliopiscarium</i> ATCC 51761	AY849432.1	UB37_10495	UB37_13050	UB37_09940	UB37_11510	UB37_11190	UB37_17965	UB37_18570	UB37_01590	UB37_13790
<i>P. iliopiscarium</i> ATCC 51760	NR_111990.1; AY643710.1; NR_043067.1	UB38_13970	UB38_10860	UB38_13175	UB38_12625	UB38_12205	UB38_10615	UB38_18020	UB38_01660	UB38_01080
<i>P. aphoticum</i> JCM 19237 (C119)	JCM19237_74 8	JCM19237_2 573	JCM19237_4 425	JCM19237_6 778, JCM19237_6 779	JCM19237_2 485, JCM19237_2 486	JCM19237_8 80	JCM19237_4 500	JCM19237_7 18	JCM19237_4 151	JCM19237_5 54
<i>P. aphoticum</i> DSM 25995	FN796493.1	ABT58_0204 0	ABT58_19985	ABT58_01355	ABT58_02325	ABT58_18090	ABT58_19735	ABT58_21575	ABT58_14605	ABT58_1373 0
<i>Vibrio pacinii</i> DSM 19139	AJ316194	DQ907366.1	DQ907300.1	AB298264.1	KP635265.1	AJ842486.1	AJ580850.1	AJ842674.1	DQ907508.1	BS19_RS178 60