

Supplemental. A total of 51 isolates were analyzed by partial *gyrB*/*rpoB* sequencing and conventional biochemical methods for species identification.

Name of isolate	Name of partial <i>gyrB</i> sequence	Acc. no. of partial <i>gyrB</i> sequence	Name of partial <i>rpoB</i> sequence	Acc. No. of partial <i>rpoB</i> sequence	Species identification based on partial <i>rpoB/gyrB</i> sequence	Species identification based on conventional biochemical methods
DK-A.veronii-1	gyrB1	KJ747109	rpoB1*	KJ747157	<i>A. veronii</i>	<i>A. hydrophila</i>
DK-A.veronii-2	gyrB2	KJ747110	rpoB2*	KJ747158	<i>A. veronii</i>	<i>A. veronii</i>
DK-A.besti-3	gyrB3	KJ747111	rpoB3	KJ747159	<i>A. bestiarum</i>	<i>A. caviae</i>
DK-A.media-5	gyrB5	KJ747112	rpoB5	KJ747160	<i>A. media</i>	<i>A. caviae</i>
DK-A.media-6	gyrB6	KJ747113	rpoB6*	KJ747161	<i>A. media</i>	<i>A. caviae</i>
DK-A.caviae-7	gyrB7	KJ747114	rpoB7	KJ747162	<i>A. caviae</i>	<i>A. caviae</i>
DK-A.media-9	gyrB9	KJ747115	rpoB6*	KJ747161	<i>A. media</i>	<i>A. caviae</i>
DK-A.caviae-10	gyrB10	KJ747116	rpoB10*	KJ747163	<i>A. caviae</i>	<i>A. caviae</i>
DK-A.veronii-11	gyrB11	KJ747117	rpoB11*	KJ747164	<i>A. veronii</i>	<i>A. caviae</i>
DK-A.caviae-13	gyrB13	KJ747118	rpoB10*	KJ747163	<i>A. caviae</i>	<i>A. caviae</i>
DK-A.caviae-14	gyrB14	KJ747119	rpoB14	KJ747165	<i>A. caviae</i>	<i>A. caviae</i>
DK-A.caviae-15	gyrB15	KJ747120	rpoB10*	KJ747163	<i>A. caviae</i>	<i>A. caviae</i>
DK-A.caviae-16	gyrB16	KJ747121	rpoB16*	KJ775031	<i>A. caviae</i>	<i>A. caviae</i>
DK-A.hydroph-17	gyrB17	KJ747122	rpoB17	KJ747166	<i>A. hydrophila</i>	<i>A. caviae</i>
DK-A.caviae-18	gyrB18	KJ747123	rpoB16*	KJ775031	<i>A. caviae</i>	<i>A. caviae</i>
DK-A.caviae-19	gyrB19*	KJ747124	rpoB19*	KJ747167	<i>A. caviae</i>	<i>A. caviae</i>
DK-A.media-20	gyrB20	KJ747125	rpoB20	KJ747168	<i>A. media</i>	<i>A. caviae</i>
DK-A.caviae-21	gyrB21	KJ747126	rpoB10*	KJ747163	<i>A. caviae</i>	<i>A. caviae</i>
DK-A.caviae-22	gyrB19*	KJ747124	rpoB16*	KJ775031	<i>A. caviae</i>	<i>A. caviae</i>

DK-A.caviae-23	gyrB23	KJ747127	rpoB23	KJ747169	<i>A. caviae</i>	<i>A. caviae</i>
DK-A.veronii-25	gyrB25	KJ747128	rpoB1*	KJ747157	<i>A. veronii</i>	<i>A. hydrophila</i>
DK-A.veronii-26	gyrB26	KJ747129	rpoB26	KJ747170	<i>A. veronii</i>	<i>A. hydrophila</i>
DK-A.veronii-27	gyrB27	KJ747130	rpoB2*	KJ747158	<i>A. veronii</i>	<i>A. hydrophila</i>
DK-A.hydrop-28	gyrB28	KJ747131	rpoB28	KJ747171	<i>A. hydrophila</i>	<i>A. hydrophila</i>
DK-A.caviae-30	gyrB30	KJ747132	rpoB30	KJ747172	<i>A. caviae</i>	<i>A. hydrophila</i>
DK-A.veronii-31	gyrB31	KJ747133	rpoB31	KJ747173	<i>A. veronii</i>	<i>A. hydrophila</i>
DK-A.veronii-32	gyrB32	KJ747134	rpoB32	KJ747174	<i>A. veronii</i>	<i>A. hydrophila</i>
DK-A.veronii-34	gyrB34	KJ747135	rpoB34	KJ747175	<i>A. veronii</i>	<i>A. hydrophila</i>
DK-A.veronii-36	gyrB36	KJ747136	rpoB1*	KJ747157	<i>A. veronii</i>	<i>A. hydrophila</i>
DK-A.veronii-37	gyrB37	KJ747137	rpoB37	KJ747176	<i>A. veronii</i>	<i>A. hydrophila</i>
DK-A.veronii-38	gyrB38	KJ747138	rpoB38	KJ747177	<i>A. veronii</i>	<i>A. hydrophila</i>
DK-A.veronii-39	gyrB39	KJ747139	rpoB2*	KJ747158	<i>A. veronii</i>	<i>A. hydrophila</i>
DK-A.veronii-40	gyrB40*	KJ747140	rpoB11*	KJ747164	<i>A. veronii</i>	<i>A. hydrophila</i>
DK-A.sp-41	gyrB41	KJ747141	rpoB41	KJ747178	<i>A. salmonicida/ encheleia</i>	<i>A. hydrophila</i>
DK-A.veronii-42	gyrB42	KJ747142	rpoB42	KJ747179	<i>A. veronii</i>	<i>A. hydrophila</i>
DK-A.veronii-45	gyrB45	KJ747143	rpoB45*	KJ775032	<i>A. veronii</i>	<i>A. hydrophila</i>
DK-A.hydrop-46	gyrB46	KJ747144	rpoB46	KJ747180	<i>A. hydrophila</i>	<i>A. hydrophila</i>
DK-A.veronii-47	gyrB40*	KJ747140	rpoB2*	KJ747158	<i>A. veronii</i>	<i>A. hydrophila</i>
DK-A.veronii-49	gyrB49	KJ747145	rpoB1*	KJ747157	<i>A. veronii</i>	<i>A. hydrophila</i>
DK-A.veronii-51	gyrB51	KJ747146	rpoB45*	KJ775032	<i>A. veronii</i>	<i>A. hydrophila</i>
DK-A.veronii-52	gyrB52	KJ747147	rpoB52	KJ747181	<i>A. veronii</i>	<i>A. hydrophila</i>

DK-A.caviae-53	gyrB53	KJ747148	rpoB16*	KJ775031	<i>A. caviae</i>	<i>A. caviae</i>
DK-A.media-54	gyrB54*	KJ747149	rpoB54*	KJ747182	<i>A. media</i>	<i>A. caviae</i>
DK-A.media-57	gyrB57	KJ747150	rpoB57	KJ747183	<i>A. media</i>	<i>A. caviae</i>
DK-A.caviae-58	gyrB58	KJ747151	rpoB58	KJ747184	<i>A. caviae</i>	<i>A. caviae</i>
DK-A.veronii-59	gyrB59	KJ747152	rpoB59	KJ747185	<i>A. veronii</i>	<i>A. veronii</i>
DK-A.caviae-60	gyrB60	KJ747153	rpoB10*	KJ747163	<i>A. caviae</i>	<i>A. caviae</i>
DK-A.media-63	gyrB63	KJ747154	rpoB54*	KJ747182	<i>A. media</i>	<i>A. caviae</i>
DK-A.media-64	gyrB64	KJ747155	rpoB64	KJ747186	<i>A. media</i>	<i>A. caviae</i>
DK-A.media-65	gyrB54*	KJ747149	rpoB65	KJ747187	<i>A. media</i>	<i>A. caviae</i>
DK-A.caviae-66	gyrB66	KJ747156	rpoB19*	KJ747167	<i>A. caviae</i>	<i>A. caviae</i>
Number of unique sequence	48		33			

*) indicate sequences being identical to other sequence

