

Supplementary Table S5. Virulence factors were identified by type and the counts for each *Aeromonas* strain.

Strain	Flp		MSHA		Tap		Type I			Iron		Other
	type IV pili	Lateral flagella	type IV pili	Polar flagella	type IV pili	Type I fimbriae	T2SS	T3SS	T6SS	Toxin	uptake	
<i>A. popoffii</i> CIP 105493	0	1	17	60	16	5	14	0	22	10	9	3
<i>A. rivuli</i> DSM 22539	1	31	16	63	14	2	15	0	20	3	9	4
<i>A. dhakensis</i> AAK1	0	1	17	65	19	5	15	0	21	9	9	4
<i>A. piscicola</i> LMG 24783	13	32	17	71	21	4	14	37	21	6	9	4
<i>A. molluscorum</i> 848	0	1	17	54	12	2	14	0	0	3	9	4
<i>A. jandaei</i> CECT 4228	0	32	16	71	19	5	15	35	19	4	9	2
<i>A. allosaccharophila</i> CECT 4199	1	1	17	60	19	0	15	2	0	3	9	2
<i>A. media</i> WS	0	0	5	35	12	2	15	0	2	4	8	3
<i>A. caviae</i> CECT 838	0	32	16	63	21	2	15	0	19	3	9	3
<i>A. schubertii</i> strain WL1483	0	30	16	68	13	5	15	37	2	2	9	6
<i>A. salmonicida</i> ATCC 33658	10	32	10	66	20	5	15	5	15	5	9	4
<i>A. australiensis</i> CECT 8023	0	1	17	59	20	0	15	0	0	3	9	1
<i>A. simiae</i> CIP 107798	0	11	17	61	13	2	15	0	20	2	6	3
<i>A. taiwanensis</i> LMG 24683	0	32	16	65	13	2	15	0	0	3	9	4
<i>A. lacus</i> AE122	0	32	17	67	20	2	15	35	20	3	9	2
<i>A. veronii</i> CECT 4257	13	1	17	60	20	5	14	0	0	4	9	4
<i>A. hydrophila</i> ATCC 7966	13	1	14	65	19	5	15	0	22	12	9	4
<i>A. eucrenophila</i> CECT 4224	0	32	17	65	21	2	15	0	20	3	9	3
<i>A. sobria</i> CECT 4245	0	1	17	58	21	5	15	0	24	5	9	2
<i>A. bestiarum</i> CECT 4227	0	1	17	65	18	5	15	0	23	12	9	5
<i>A. encheleia</i> CECT 4342	0	32	16	65	18	2	15	38	20	3	9	3
<i>A. tecta</i> CECT 7082	0	32	17	65	19	2	15	34	20	3	9	3
<i>A. finlandensis</i> 4287D	4	32	16	69	19	4	15	37	21	3	9	2
<i>A. aquatica</i> MX16A	0	1	17	60	22	5	15	0	22	12	9	5
<i>A. bivalvium</i> CECT 7113	0	31	16	63	21	2	14	0	22	3	9	4
<i>A. enteropelogenes</i> CECT 4487	0	32	17	70	19	0	15	0	19	5	8	5
<i>A. diversa</i> CECT 4254	0	32	17	69	15	0	15	34	0	5	9	1
<i>A. fluvialis</i> LMG 24681	0	1	17	63	19	0	15	0	1	3	9	2
<i>A. sanarellii</i> LMG 24682	0	1	15	65	14	2	15	0	0	3	9	3