

**Table S1.** General genomic features of strains IMCC44359<sup>T</sup>, IMCC44632<sup>T</sup>, and IMCC44653 and the type strains of *Aliikangiella* species

Strains: 1, IMCC44359<sup>T</sup>; 2, IMCC44632<sup>T</sup>; 3, IMCC44653; 4, *A. marina* GYP-15<sup>T</sup>; 5, *A. coralliicola* M105<sup>T</sup>; 6, “*A. maris*” GXAS 306<sup>T</sup>.

Strain	1	2	3	4	5	6
GenBank accession number	CP199292	JBSKFV0 00000000	JBSKFW0 00000000	VIKR0000 0000*	VIKS0000 0000*	JBFDAH0 00000000*
Size (bp)	5,951,045	3,753,390	3,750,766	5,336,331	7,044,713	5,379,662
Number of contigs	1	1	1	8	22	118
G + C content (%)	36.5	40.1	40.2	41.9	41.5	38.5
Number of tRNA	50	43	43	58	41	49
Number of rRNA	6	9	9	5	5	3
Protein coding sequence	4,928	3,229	3,231	4,537	5,428	4,457

\*Genomes of *A. marina* GYP-15<sup>T</sup>, *A. coralliicola* M105<sup>T</sup>, and “*A. maris*” GXAS 306<sup>T</sup> were downloaded from the NCBI GenBank database and annotated in this study for comparative genomic analysis.