

Table S3. Average nucleotide identity (ANI; lower-left triangle) and digital DNA–DNA hybridization (dDDH; upper-right triangle) values among strains W99^T, S113^T, and S268^T and their closely related type strains

Taxa: 1, strain W99^T (JBSQBU0000000000); 2, strain S113^T (JBSQBV0000000000); 3, strain S268^T (JBWOEC0000000000); 4, *Shimia aestuarii* DSM 15283^T (FOTQ0000000000); 5, *Thiosulfatihalobacter marinus* GL-11-2^T (JAECRZ0000000000); 6, *Shimia abyssi* DSM 100673^T (PYGJ0000000000); 7, *Shimia haliotis* DSM 28453^T (FOSZ0000000000); 8, *Shimia isopora* DSM 26433^T (SMGR0000000000); 9, *Shimia marina* DSM 26895^T (FOMU0000000000); 10, *Shimia sagamensis* DSM 29734^T (FXTY0000000000); 11, *Marinovum algicola* FF3^T (FNYY0000000000); 12, *Marinovum sedimenti* KMM 9989^T (JBSWBS0000000000); 13, *Primorskyibacter aestuariivivens* OITF-36^T (JAQIOZ0000000000); 14, *Parasulfitobacter algicola* 1151^T (JABUFE0000000000); 15, *Pseudaestuaria rosea* H15^T (JACNMP0000000000); 16, *Aestuariibius insulae* DBTF-13^T (JBFONW0000000000).

		dDDH value (%)															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
ANI value (%)	1	–	21.0	19.6	59.6	21.8	19.4	19.3	19.3	19.6	18.8	21.2	20.2	20.2	19.8	19.3	20.1
	2	72.1	–	18.9	20.1	24.9	19.1	19.5	19.2	21.7	19.3	20.3	19.5	20.5	19.0	19.9	18.1
	3	70.7	70.3	–	19.8	18.8	19.0	19.5	18.8	19.1	18.6	20.7	20.7	19.3	18.5	19.1	18.9
	4	94.9	72.0	70.7	–	21.6	19.4	19.3	19.1	19.6	18.9	20.2	20.1	21.0	19.7	19.8	20.1
	5	79.4	72.7	70.5	79.2	–	19.3	19.0	18.8	19.8	18.3	21.0	19.1	20.7	19.5	19.0	19.5
	6	75.7	70.4	69.9	75.7	75.6	–	18.4	18.1	19.6	18.7	18.1	19.4	19.2	18.6	19.4	19.8
	7	74.5	70.9	70.1	74.7	74.4	73.6	–	20.9	20.8	19.9	19.7	19.5	18.9	18.9	19.2	19.4
	8	73.5	70.4	69.8	73.6	73.3	72.3	78.4	–	19.5	19.1	19.3	19.9	19.8	19.0	20.0	19.8
	9	74.4	71.6	70.0	74.4	74.4	73.5	75.1	74.0	–	19.9	23.1	19.4	21.7	18.1	19.5	19.9
	10	73.8	70.5	69.6	73.7	73.4	72.8	75.3	73.9	76.6	–	18.2	18.8	19.3	21.0	19.0	19.5
	11	73.8	73.1	71.0	73.7	74.5	71.6	71.9	71.2	73.0	71.4	–	22.2	21.5	19.9	19.2	18.3
	12	73.0	72.7	70.7	73.2	73.1	71.8	71.8	70.9	71.6	71.6	79.6	–	20.3	20.6	19.7	18.6
	13	73.7	73.2	71.0	73.9	74.5	71.8	72.2	71.1	72.6	71.6	77.3	76.5	–	19.5	19.1	18.7
	14	70.2	69.5	70.4	70.2	70.4	69.8	69.6	68.9	69.7	69.2	70.3	70.4	70.5	–	23.4	18.2
	15	71.6	70.6	71.0	71.5	71.6	70.4	70.4	69.9	70.5	69.8	71.9	71.4	72.1	76.2	–	19.8
	16	70.1	69.8	69.6	69.7	69.8	69.6	70.3	69.1	69.8	69.9	70.1	70.0	70.1	70.4	70.8	–