

Table S3. Average amino acid identity (AAI) and percentage of conserved proteins (POCP) among strains D3-12^T and G2-2^T and their closely related taxa of the family *Roseobacteraceae*

Taxa: 1, strain D3-12^T (CP104793); 2, strain G2-2^T (CP170201-3); 3, *Rhodalgimonas zhirmunskyi* 10Alg 79^T (JANFFA0000000000); 4, *Ponticoccus litoralis* KCCM 90028^T (JBDNCH0000000000); 5, *Aquicoccus porphyridii* L1 8-17^T (VINQ000000000); 6, *Marimonas lutisalis* GH1-19^T (SKCI000000000); 7, *Marimonas arenosa* KCTC 52189^T (JANHAX0000000000); 8, *Cognatishimia maritima* DSM 28223^T (FQWM000000000)

		POCP value (%)							
		1	2	3	4	5	6	7	8
AAI value (%)	1	—	61.3	68.3	45.6	62.0	65.2	64.6	51.3
	2	75.0	—	66.2	44.5	62.9	62.4	62.5	52.4
	3	74.1	74.4	—	50.3	68.6	70.5	70.4	57.0
	4	67.5	67.6	67.6	—	46.8	46.5	46.6	46.9
	5	74.4	74.7	74.1	67.8	—	66.6	65.2	53.9
	6	75.9	75.9	75.5	68.6	80.3	—	77.7	53.4
	7	76.6	76.6	75.1	67.9	76.1	78.5	—	53.7
	8	69.1	68.4	68.9	67.5	68.7	69.4	68.8	—