

## Dimethylsulfoniopropionate sulfur and methyl carbon assimilation in *Ruegeria* species

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### Supplementary Material

**Table S1. DMSP genes in *Ruegeria pomeroyi* DSS-3 and *Ruegeria lacuscaerulensis* ITI-1157<sup>a</sup>.**

Reaction <sup>b</sup>	Gene	<i>R. pomeroyi</i> DSS-3	<i>R. lacuscaerulensis</i> ITI-1157
1	<i>dddD</i>	SPO1703	—
1	<i>dddP</i>	SPO2299	SL1157_2466
1	<i>dddQ</i>	SPO1596	SL1157_0332
1	<i>dddW</i>	SPO0453	—
2	<i>prpE</i>	SPO2934	SL1157_2163
3	<i>acuI</i>	SPO1914	SL1157_2966
4	<i>dmdA</i>	SPO1913	SL1157_2967
5	<i>dmdB</i>	SPO2045, SPO0677	SL1157_1815, SL1157_2728
6	<i>dmdC</i>	SPO3804, SPO0298, SPO2915	SL1157_0694, SL1157_2180
7	<i>dmdD</i>	SPO3805	—
7	<i>acuH</i>	SPO0147	SL1157_0807
8	<i>aldH</i>	SPO0097	SL1157_1245
9	<i>mtoX</i>	SPOA0269	—

<sup>a</sup>: Locus tags for the pathways detailed in **figure 1** are shown. Multiple locus tags indicate the presence of additional homologues. “—” indicates the absence of a gene homologue.

<sup>b</sup>: Numbers reference the reactions depicted in **figure 1**.