

Distribution and activity of sulfur-metabolizing bacteria along the temperature gradient of Porcelana phototrophic hot spring mats

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Supplementary Table Legends

Table S1: PCR primer sequences for aprA and soxB and PCR parameters., Table S2: porcelana hot spring physicochemical parameters.

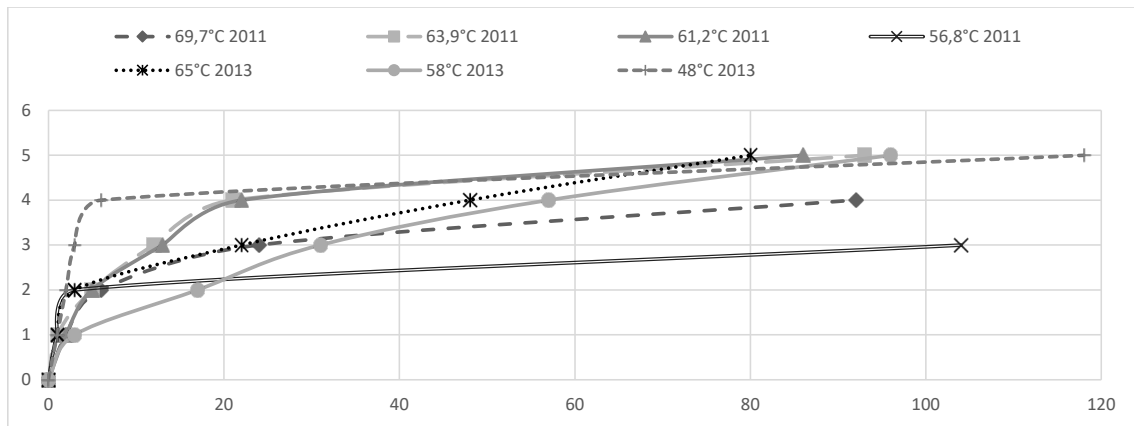
Table S3: gene names and KO IDs of sulfur cycle-associated pathways.

Table S4: gene counts for sul-fur-associated KO IDs grouped at order level in metagenomes and metatranscriptomes obtained from Porcelana hot spring.

Table S5: aprA and soxB CDS recovered from metagenomes and OTUs from Porcelana hot spring.

Table S6: Genomic taxonomy of aprA- or soxB-containing MAGs obtained from Porcelana hot spring according GTDB r89.

a) *aprA*



b) *soxB*

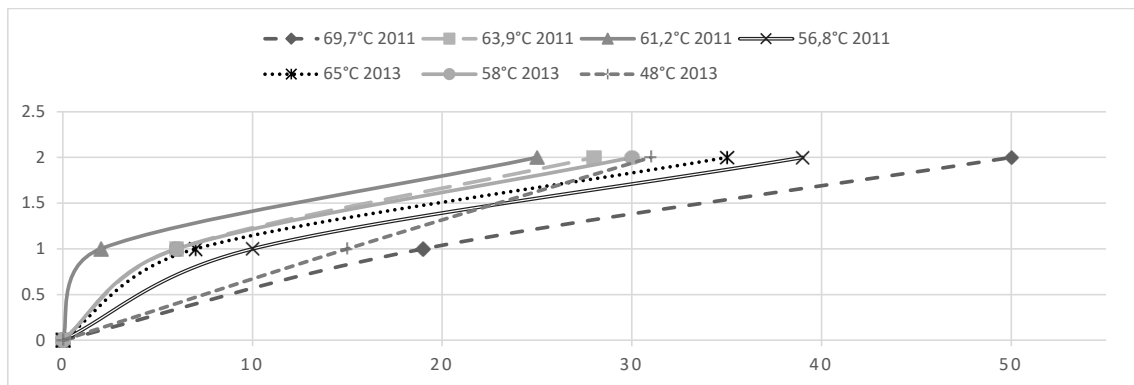


Figure S1. Rarefaction curves for *aprA* (a) and *soxB* (b) genes.