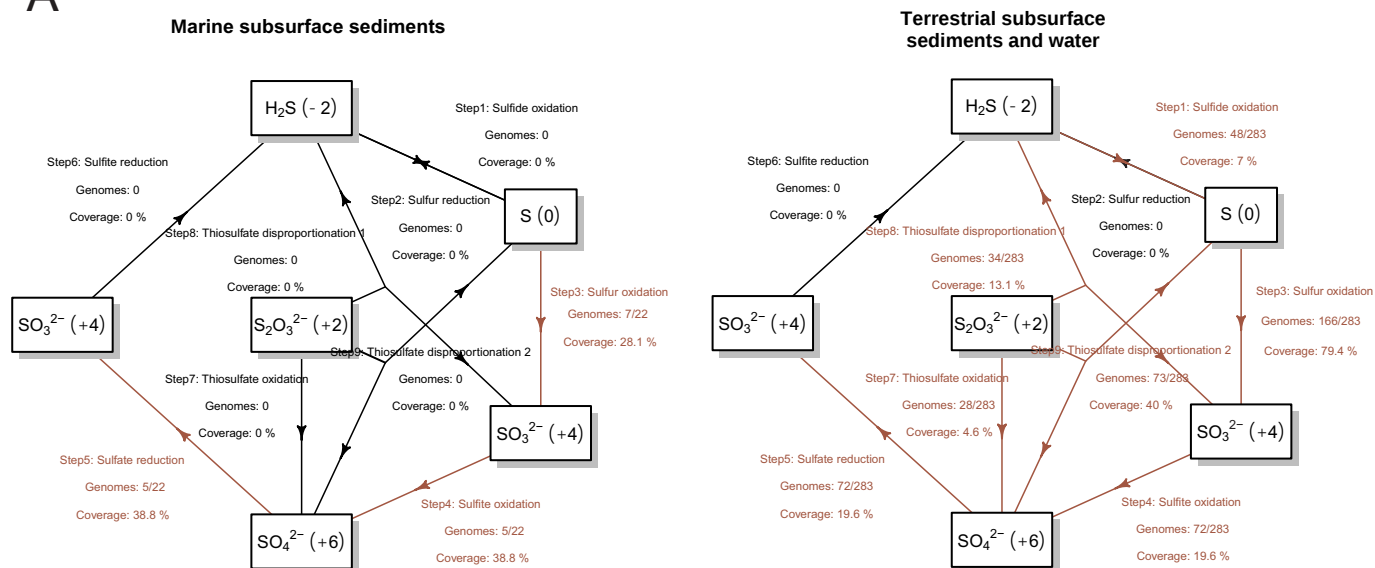
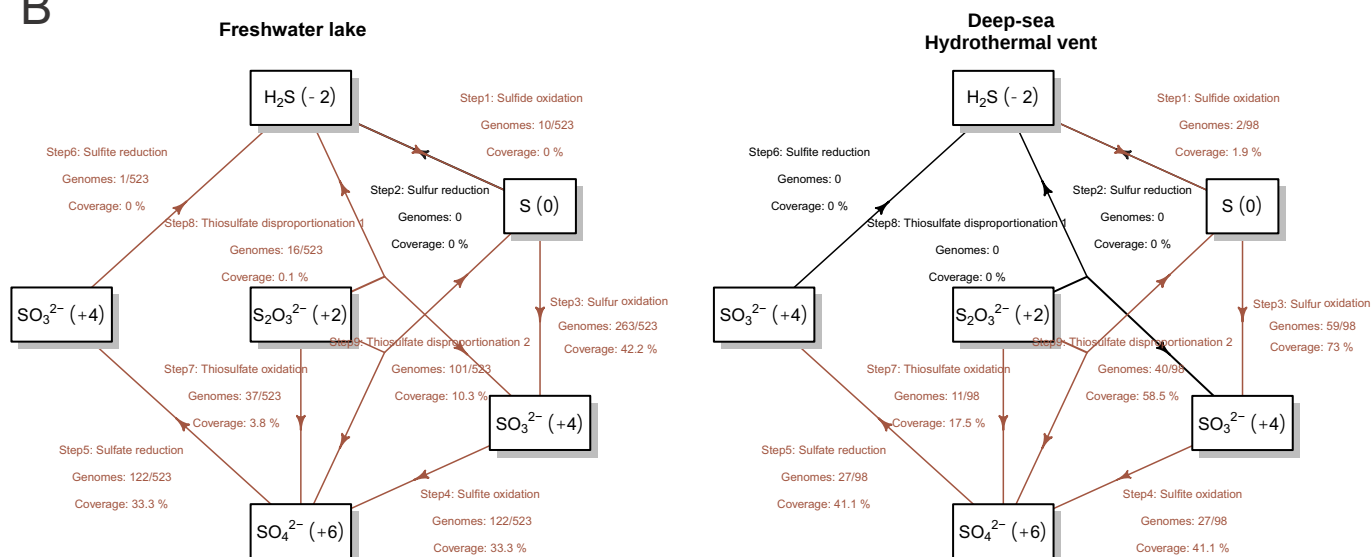


A



B



Supplementary Figure S7. Comparison of sulfur metabolism at the community scale level. (A) Comparison between deep subsurface sediments (marine subsurface) and Rifle (terrestrial subsurface). (B) Comparison between Lake Tanganyika (freshwater) and Guaymas Basin (deep-sea plume). Each arrow represents a single transformation/step within a cycle. Indicated above the arrows in sequential order from top to bottom are: Step number and reaction, number of genomes that can conduct these reactions (and the total genome number of the community), metagenomic coverage expressed as a percentage of the community. The dark red labeled arrows and tags indicate the presence of the transformation/step within the community.