

Table S4. Previously published microbiological and biochemical characteristics of the four carbonate chimney samples

	Cells·g ⁻¹ dry weight [*]	Archaea [†]	Bacteria [†]	LCMS [†]	Total organic carbon, %	δ ¹³ C _{TOC} , ‰ vs. VPDB
Sample 1 (3,881–1,408)	2.0 × 10 ⁸	25	14	18	ND	ND
Sample 2 (3,869–1,404)	1,200 × 10 ⁸	41	8	32	0.20	-7.8
Sample 3 (3,869–1,443)	1,600 × 10 ⁸	38	10	21	ND	ND
Sample 4 (3,876–1,133)	1.6 × 10 ⁸	24	19	12	0.15	-16.3

Cell densities and proportions of phylogenetic groups are from Schrenk et al. (3). Organic carbon concentrations and isotopic measurements are from Bradley et al. (4).

^{*}Determined by DAPI staining.

[†]Percentage of DAPI-stained cells detected by FISH probe specific to each group.

Some data also from: Schrenk MO. (2005) Exploring the diversity and physiological significance of attached microorganisms in rock-hosted deep-sea hydrothermal environments. University of Washington doctoral dissertation.