

Table 3. Archaeal phylogenetic groups detected in carbonate chimneys from the LCHF.

Phylogenetic affiliation	Clone	$n_{\text{ribo}}^{\text{a}}$	Closest 16S rDNA match ^b (accession number)	Identity (%)
Euryarchaeota				
Methanosarcinales	LC1022-a1	9	Gas hydrate clone Eel-36a2H11 (AF354136)	93
	LC1149-a56	18	Gas hydrate clone Eel-36a2H11 (AF354136)	93
Crenarchaeota				
Marine Group I	LC1231-a51	1	Pacific Ocean clone MBMPA68 (AJ567666)	96
	LC1231-a68	7	Pacific Ocean clone (AJ567632)	98
	LC1231-a76	1	Pacific Ocean clone (AJ567622)	98
	LC1231-a78	5	Deep-sea sediment clone APA4-0cm (AF119138)	98

a. n_{ribo} indicates the number of distinct patterns per sequence type determined by RFLP.

b. Determined by NCBI-BLAST (<http://www.ncbi.nlm.nih.gov/blast>).