**Supplementary Data S2:** Presence of archaeal taxonomic groups that were found to be most abundant in Henderson et al. (*4*) and appear also in the present study. Out of the 10 genera with the highest species abundance identified by Henderson et al. (*4*), 5 genus annotations had representatives in our study.

|  |  |
| --- | --- |
| **Genus** | **Presence in present study** |
| *Methanobacterium* | Present |
| *Methanobrevibacter* | Present |
| *Methanosphaera* | Present |
| *Methanocorpusculum* | Absent |
| *Methanoculleus* | Absent |
| *Methanomicrobium* | Absent |
| *Methanosaeta* | Absent |
| *Methanimicrococcus* | Present |
| *Methanosarcina* | Present |
| *Methanomethylophilus* | Absent |