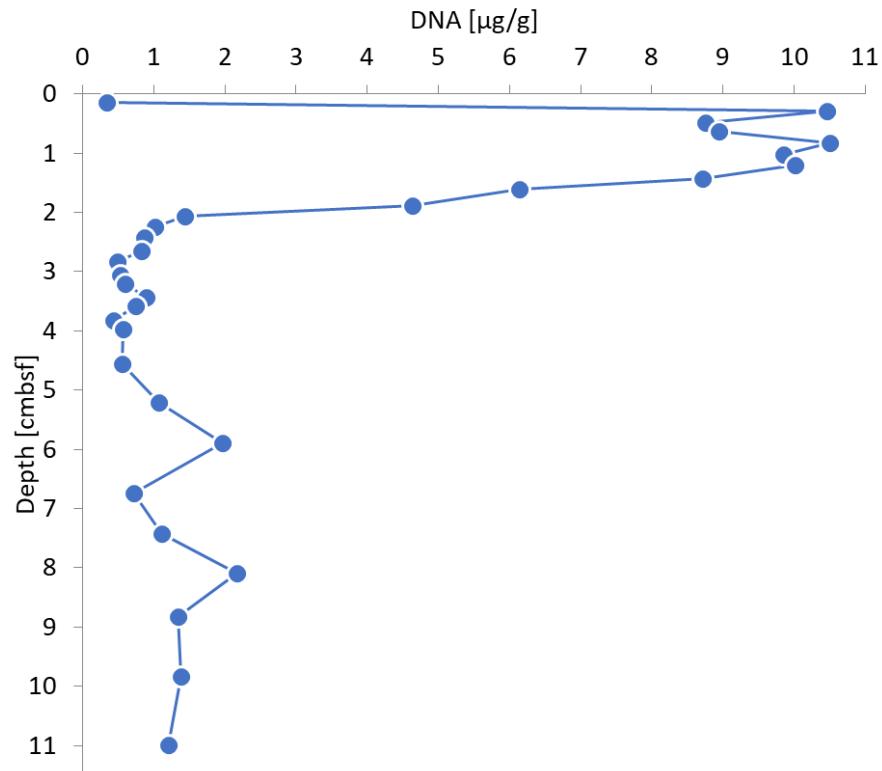


**Supplementary Materials for
Microbial communities of hydrothermal Guaymas Basin surficial sediment
profiled at 2 millimeter-scale resolution**

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Supplemental Figure 1. DNA concentration of Guaymas core 4868-7. Measured values are based on sediment wet weight.

Supplemental Table 1. In-situ thermal gradient for core 4868-10. Surface temperature is 3°C.

Depth [cmbsf]	Temperature [°C]
10	59.2
20	100.9
30	111.8
40	114.6
50	115.9

Supplementary Table 2. Sequence of 16S rRNA gene DGGE band 1.2, in 3' to 5' orientation, primer sequences excluded.

AGCCTGACGCAGCGACGCCGCGTGGAGGATGAAGGCCTCGGGTTGTAAACTCCTGTCTGAAGAGAAG
AATTCCCGATTATCGGGTTACGGTATCTCNNAGGAAGCYCCGCCAActNCGTGCCANCNNCCGCG
GTAAAACNTAGGGGGcAACGTTGCTCNGAATTACTGGGCTTAAGGGRACGCAGGTGGTTAAGCAAG
TCGATAATGAAATCCCAGGGCTCAACTCGGAATTGTTATCGAAACTGCTTAAC TGAGGATAGTTAGG
AGAACGGAATTCCCGGTGGARYGGTGAAATCGTAGATATCGGGAGGAACACCAGAGGCRAAGGC GG
TTCTCTGAACTATTCTGACMCTGAGGTACGAAAGCTAGGGGAGCAAACGGGATTAGATAACCCGGTA
GTCCTAGCTGTAAACGATGGCACTANATGTTCTGTGTTAKCGGAGTATCGTAGTTAACGC GTTMA
GTGCCCCGCCCTGGGGATTACGGTCGCAAGGMTAAAActCAAAGGAATTGACGG