

Supplementary Table 4. Illumina consensus sequences of putative prokaryotic symbionts

Legendrea pespelicani (VLKOV)
Syntrophacae symbiont, partial 16S gene
sequence

TACGGGGGGTGCAAGCGTTGTTGGAATC
ATTGGGCGTAAAGAGCGTGTAGGCGGCTT
AATAAGTCAGATGTGAAAGCCCTGGGCTTA
ACCCAGGAAGGGCATTGAACTGTTAGG
CTAGAGTAGGGGAGAGGAAGATGGAATTC
CTGGTGTAGAGGTGAAATTCGTAGATATCA
GGAAGAACACCAGTGGCGAAGGCGACCTT
CTGGCCCTATACTGACGCTGAGATGCGAA
AGCATGGGTAGCAAACAGG

Legendrea pespelicani (VLKOV)
methanogenic symbiont, partial 16S gene
sequence

CACCGGCAGCTCAAGTGGTGGCCGTTTTT
ATTGGGCCTAAAGCGTTCGTAGCCGGCCT
GATAAGTCTCTGGTGAAATCCCATAGCTTA
ACTGTGGGAATTGCTGGAGATACTATCAGG
CTTGAGGTCTGGGAGAGGTTAGGGGTACTC
CCAGGGTAGGGGTGAAATCCTATAATCCT
GGGAGGACCACCTGTGGCGAAGGCGCCT
AACTGGAACGAACCTGACGGTGAGTAACG
AAAGCCAGGGGCGCGAACC GG

Dactylochlamys pisciformis (VB2A)
methanogenic symbiont, partial 16S gene
sequence

TACCGGCTGCTCGAGTGATGGCCACTATTA
CTGGGTTTAAAGCGTCCGTAGCTGGACTG
TTAGGTCCCTTGGGAAATCTTCACGCTTAA
CGTGAAGGCGTCTAAGAGATACCGGCAGT
CTTGGGACTGGGAGAGGTAAACCGTACTT
CGGGGGTAGGAGTGAAATCTTGTAATCCT
CGAGGGACGACCTATGGCGAAGGCAGTTT
ACCAGAACAGCTTCGACAGTGAGGGACGA
AAGCTGGGGGAGCAAACGGG