**Table S2** Richness and diversity estimates from Illumina libraries of marine sediments from the South China Sea.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sample | Observed OTUs | Chao1 | ACE | Shannon |
| C1 | 312 | 314  | 314  | 3.75  |
| I1 | 234 | 310  | 307  | 2.46  |
| X4 | 217 | 300  | 296  | 2.76  |