Table S1 – Bacterial and Archaeal 16S rRNA V6 specific primers used for amplification of the V6 region of 16S rRNA gene. Lowercase base pairs indicate the 454-GS-FLX A (for forward primers) or B (for reverse primers) adapter. Primers originate from Huber et al. (2007)

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| 967F-PP | 5’-gcctccctcgcgccatcagCNACGCGAAGAACCTTANC-3’ |
| 967F-UC1 | 5’-gcctccctcgcgccatcagCAACGCGAAAAACCTTACC-3’ |
| 967F-UC2 | 5’-gcctccctcgcgccatcagCAACGCGCAGAACCTTACC-3’ |
| 967F-UC3 | 5’-gcctccctcgcgccatcagATACGCGARGAACCTTACC-3’ |
| 967F-AQ | 5’-gcctccctcgcgccatcagCTAACCGANGAACCTYACC-3’ |
| 1046R | 5’-gccttgccagcccgctcagCGACAGCCATGCANCACCT-3’ |
| 1046R-PP | 5’-gccttgccagcccgctcagCGACAACCATGCANCACCT-3’ |
| 1046R-AQ1 | 5’-gccttgccagcccgctcagCGACGGCCATGCANCACCT-3’ |
| 1046R-AQ2 | 5’-gccttgccagcccgctcagCGACGACCATGCANCACCT-3’ |
| 958arcF | 5’-gcctccctcgcgccatcagAATTGGANTCAACGCCGG-3’  |
| 1048arcR-major | 5’-gccttgccagcccgctcagCGRCGGCCATGCACCWC-3’ |
| 1048arcR-minor | 5’-gccttgccagcccgctcagCGRCRGCCATGYACCWC-3’ |