**Table S1 – List of primers used in the study.**

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| F1 | 5’GTATAGGATCCATGCCGGAGCGCGTGTCTGTG 3’ |
| ­­­­R1 | 5’GCACTGGATCCGCTCACCTTGAACAGCATCTTAGCG 3’­­­ |
| R2 | 5’ GGATCGGATCCGTCTTCCTGGTGGCGAGC 3’ |
| F2 | 5’ GCTCGCCACCAGGAAGAC CGCCTGCTTTATGGCGTG 3’ |
| R3 | 5’ CACGCCATAAAGCAGGCG GTCTTCCTGGTGGCGAGC 3’ |
| R4 | 5’ GTCGGGGATCCCGTTGTGTTGAAGTTCTTG 3’ |
| F3 | 5’ GGCCCGGATCCTTCGACGCCAAAGTGCAGACC 3’ |
| R5 | 5’ GGCCCGGATCCCTAGCTCACCTTGAACAGCATCTTAGCG 3’ |
| F4 | 5’ TAATAGGATCCCGTCGCCGCGCGCAGCTG 3’ |
| R6 | 5’ GGCCCGGATCCCTAGTCTTCCTGGTGGCGAGC 3’ |