Table S2. PCR conditions.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Target** | **Primer** | **Initial denaturation temperature/time** | **Denaturation****temperature/ time** | **Annealing temperature/ time** | **Extension****temperature/ time** | **Final extension temperature/ time** | **Cycle** |
| V3 | 357F  518R | 94 °C/5 min. | 94 °C/20 sec. | 51 °C/45 sec. | 72 °C/1 min. | 72 °C/7 min. | 30 |
| V1-V5 | 27F 926R | 95 °C/3 min. | 95 °C/30 sec. | 53 °C/30 sec. | 72 °C/1 min. | 72 °C/7 min. | 30 |
| V5-V7 | MB-16SrFM6-16SrR | 95 °C/5 min. | 95 °C/30 sec. | 59 °C/30 sec. | 72 °C/1 min. | 72 °C/7 min. | 30 |
| V3-V7 | M10-337FMB-1159R | 95 °C/3 min. | 95 °C/30 sec. | 53 °C/30 sec. | 72 °C/1,10 min. | 72 °C/7 min. | 30 |
| V1-V3  | M8-A21FMB-1204R | 95 °C/3 min. | 95 °C/30 sec. | 65 °C/30 sec. | 72 °C/1,10 min.  | 72 °C/7 min. | 30 |
| M8-A21FMB-518R\* | 95 °C/3 min. | 95 °C/30 sec. | 65 °C/30 sec. | 72 °C/40 sec. | 72 °C/7 min. | 30 |

\* nested PCR