**Table S3** PCR primers and conditions used in this study

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Primer name** | **Sequence (5′ to 3′)** | **Target gene** | **Amplicon size (bp)**  | **Reference** |  **PCR Condition** |
| *toxR*-F | GTCTTCTGACGCAATCGTTG | *toxR*  | 368 | *Kim et al., 1999* | 94 °C-1 min; 63 °C-1.30 min; 72 °C-1.30 min |
| *toxR*-B | ATACGAGTGGTTGCTGTCATG |  |  |  |  |
|  |  |  |  |  |  |
| *tdh*-F | CCACTACCACTCTCATATGC | *tdh* | 251 | *Tada et al., 1992* | 95 °C-1 min; 58 °C-1 min; 72 °C-1 min |
| *tdh*-B | GGTACTAAATGGCTGACATC |  |  |  |  |
|  |  |  |  |  |  |
| *trh1*-F | AAAAGCGTTCACGGTCAATC | *trh1* | 110 | *Messelhäusser et al., 2010* | 94 °C-1 min; 56 °C-1 min; 72 °C-1.30 min  |
| *trh1*-B | CCAGAAAGAGCAGCCATTGT |  |  |  |  |
|  |  |  |  |  |  |
| *trh2*-F | CCCCAGTTAAGGCAATTGTG | *trh2* | 120 | *Messelhäusser et al., 2010* | 95 °C-1 min; 59.5 °C-1 min; 72 °C-1 min |
| *trh2*-B | AGGCGCTTAACCACTTTGAA |  |  |  |  |