**S1 Table.** **Primers used in this study.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  Ref. | Marker | Primer | Sequence (5´- 3´) | Annealing Temperature (oC) | Fragment (bp) | Chromosome | Localization | Locus ID |
| 28 | *Cytochrome b* | CytB-P18 | GACAGGATTGAGAAGCGAGAGAG | 50 | 717 | 1 | 36214 – 37158 | TcCLB.503653.60 |
| CytB-20 | CAAACCTATCACAAAAAGCATCTG |
| 43 | *Nitroreductase* | NTR Fw | TGGATGCCATGAAACGTGTA | 55 | 707 | 28 | 93185 – 94126 | TcCLB.506791.70 |
| NTR Rv | TCAAAACTTTCCCCACCGAAC |
| 41 | *Mevalonate kinase* | Mev-*Quinase* 26 | TTTTTGCATGTCATTTTGG | 58 | 537 | 31 | 778230 – 779216 | TcCLB.509237.10 |
| Mev-*Quinase* 662 | AGCGGTCTTGTAATGAGCAC |
| 41 | *Lathosterol oxidase* | TcSC5D Fw | GGACGTGGCGTTTGATTTAT | 58 | 832 | 22 | 572016 – 572852 | TcCLB.473111.10 |
| TcSC5D Rv | TCCCATCTTCTTCGTTGACT |
| 42 | *Spliced leader Intergenic Region* | UTCC | CGTACCAATATAGTACAGAAACTG | 58 | 475 | 29 | 751202 - 753067 | TcCLB.508209.60 |
| TC2 | CCTGCAGGCACACGTGTGTG |