**S2 Table Primers used.** List of forward and reverse primers used for the validation and their expected product sizes.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name**  | **Forward Primer**  | **Reverse primer**  | **Expected product size(bp)**  | **Annealing temperature used (˚C)**  |
| Gene-1  | GTGCGGCCTTGGTGCTGACC  | CGCGCGCAACTTCTGCACTG  | 728 | 64 |
| Gene-2  | CACGGTCGGGTTCACAGGGC  | CGCGGAATCGCTACCGCCAT  | 561 | 64 |
| Gene-3  | GGGGCGGATTCGCACAGCAT  | CAGCCTGGACGACGACTCGC  | 547 | 64 |
| Gene-4  | GCAACAGAATGGCACGCGCA  | CGACAGCGATCTGACGTTGCGT  | 496 | 62 |
| Gene-5  | CCCGACATCGCCACCGTCTT  | CACCATCTGCGCTTTCGGTGC  | 266 | 64 |
| Gene-6  | AGTCCCTGAGGTCGGCAATCGT  | CATCGCTGGCGTTCGTTGAACC  | 225 | 68 |
| Gene-7  | CGCATGACGGTCCAAGACGTG  | GGCGCTAGCTCGCCCTTGTC  | 224 | 66 |
| Gene-8  | GTGTGCAGCGCGCGATTGAG  | ACCGGGATGGTTTAAACGGTTGG  | 195 | 64 |
| Gene-9  | ACCGCCGCTTTCTCCTTCGC  | AAGCGCGCACTTCTCGGGG  | 147 | 62 |