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

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| --- | --- |
| **Primer name** | **Sequence(5’-3’)** |
| Pm\_8157-F | TTGTCGCGATTACCCTCTGT |
| Pm\_8157-R | GCGCACAGAAAAGAGTTCCA |
| Pm\_8993-F | CACCAACGCACAACTGATGA |
| Pm\_8993-R | TAGGGCAGAGATCAAGGCAG |
| Pm\_7393-F | GTCATCGTAGGTTGGTTCGC |
| Pm\_7393-R | TGCGTATTGGACCTGGGAAT |
| Pm\_7137-F | ACATGGCCAAGAACGACAAC |
| Pm\_7137-R | GCTCCTCAACTTGTGCTCTG |
| Pm\_7267-F | ATGTGTCTTTTCGTCGGTGC |
| Pm\_7267-R | AGGACAGATTGCCCAACGTA |
| Pm\_9172-F | ATCGCTACCATCTCACTCGG |
| Pm\_9172-R | ACAGATGCAATGCCGATCAC |
| Pm\_5739-F | GCTCGACCGATGGATTATGC |
| Pm\_5739-R | GGTCCTCTTCCAAGTCGTCA |
| Pm\_7268-F | CTGCACACATCCCTGACAAC |
| Pm\_7268-R | TCAGTTGCCGGATACACTGT |
| Pm\_369-F | CCTTTCCATCGTCACCAACC |
| Pm\_369-R | CCCTTCTTGGTGATCTGGGT |
| Pm\_8155-F | AGGATCTGGCAGCATCATCA |
| Pm\_8155-R | TGAACCTGATGACACCAGCT |
| Pm\_10238-F | GCGCTGTTGAACTCGATGAT |
| Pm\_10238-R | CCGTCATAGTCTTTGCTGGC |
| Pm\_8156-F | GATGGAGGCAGCTTGATTGG |
| Pm\_8156-R | CCCAGTCTCCCCATCGATTT |
| Pm\_1474-F | CCCTGGCAACCTAACCTACA |
| Pm\_1474-R | GTGATACTGTGAGCTTCGCG |
| Pm\_1830-F | CCGACTTCCCCTACCTCATC |
| Pm\_1830-R | TCTGTGAGTAGGCCCAGTTG |
| Pm\_8240-F | TTCGTCCCGTCTAGCAACTT |
| Pm\_8240-R | AACAGTCTGGGTCAACGTCT |
| actin-F | TCACGTCACCACCTTCAACT |
| actin-R | GTGATCTCCTTCTGCATGCG |