**Table S1 Sequence information of primers for RT-qPCR**

|  |  |  |
| --- | --- | --- |
| **Gene ID** | **Primer** | **Primer sequence（5’-3’）** |
| *Cluster-10585.0* | *Cluster-10585.0-F**Cluster-10585.0-R* | ACCACAAGGGCAATCCACAACTTTCAGGGAGATTTACTGGGGATT |
| *Cluster-6671.20011* | *Cluster-6671.20011-F**Cluster-6671.20011-R* | TCCATCACTGCCAACAAAACTTCAGAACCAGACCAAACCAACC |
| *Cluster-6671.6372* | *Cluster-6671.6372-F**Cluster-6671.6372-R* | GAGGAAAACTCCACTCTTAGCCGTTCTATGCCCTCAAGTATCGC |
| *Cluster-6671.3208* | *Cluster-6671.3208-F**Cluster-6671.3208-R* | GCATCAGTACCCCCTAATAACTTCCTGCCACCCATTCATTCATAACG |
| *Cluster-2681.0* | *Cluster-2681.0-F**Cluster-2681.0-R* | AGAAGGGAATCAAAGCCATCGCTCGGTTTGTAGCCTTGGATTG |
| *Cluster-6671.20378* | *Cluster-6671.20378-F**Cluster-6671.20378R-* | ATTATGCTGCGGAGGTTACTGCTTGGCTCACTAGGTATCACATCGACTAG |
| *Cluster-257* | *Cluster-257-F**Cluster-257-R* | TCATAACCAACAAAATAGTTCCGCGATGGAATGGTTTGAGCAGTGT |
| *Cluster-6671.1138* | *Cluster-6671.1138-F**Cluster-6671.1138-R* | CAAATCTATGGGTTTCTGGGGTCAGTGGTGTCTATGTCTAGTGCCGAG |
| *Cluster-6671.20009* | *Cluster-6671.20009-F**Cluster-6671.20009-R* | CTCATTGTGGACTCAGATGGTGTACACTTTTCCAGTCTCACCTTCAT |
| *Cluster-2940.0* | *Cluster-2940.0-F**Cluster-2940.0-R* | CAACGGAACCCTGGATAGTAAGACCCTCGTTACCACCTCCGTCTC |
| *Cluster-2269.0* | *Cluster-2269.0-F**Cluster-2269.0-R* | CCTCAACAATGTCACGGCAGAAGCAGCCCGAACGCATACAAC |
| *Cluster-4585.0* | *Cluster-4585.0-F**Cluster-4585.0-R* | GTTCCATTTTTGTCATTGTTGCCAGAGGGTGGGTTGTGGTCGT |
| *Cluster-8492.0* | *Cluster-8492.0-F**Cluster-8492.0-R* | AAATGAAAAAGGCGGTGACTCTGGGCAAAGATTGTTGTGGT |
| *Cluster-9048.0* | *Cluster-9048.0-F**Cluster-9048.0-R* | TATGGACGCATCTACAAGGACGTGAGGGATGTTCTGTATCGGTTG |
| *18SrRNA* | *18SrRNA-F**18SrRNA-R* | AAACGGCTACCACATCCACACCAGACTTGCCCTCCA |