**Table S1 Primers used for qRT-PCR and RT-PCR**

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| --- | --- | --- | --- |
| Gene name | Forward primer | Reverse primer | amplicon size (nt) |
| RUMGNA\_00867 (*gyrB*) | ggagcagaccagatccaaat | ccaatatacattcccggtcttt | 68 |
| RUMGNA\_00842 | gggaagcgttgcagtagaac | caccttgatctcggttcctg | 61 |
| RUMGNA\_01058 | atccggaaagaccagactcc | tttccagacgtcgatccaat | 67 |
| RUMGNA\_01638 | ccacaggttcttatgtccgttt | atcaccctttttccgatcaa | 62 |
| RUMGNA\_01811 | ttatcatgtggacgggcttc | tcctgctttccatagtccaga | 69 |
| RUMGNA\_02691 | tgggatggataccatatcttcg | caatggcacgattacaaatca (4R) | 64 |
| RUMGNA\_02692 | ctggaacttggtgcagtaagag (4F) | aatctccatgtcctcatctacca (3R) | 60 |
| RUMGNA\_02693 | tgcaggagtcaaacacaagg (3F) | ccttgccttttggggtgta (2R) | 61 |
| RUMGNA\_02694 | atagactggccacgggatt (2F) | tgtaggaagcactcccttgtatc (1R) | 61 |
| RUMGNA\_02696 | ggtttccgtggcattaaaatc (1F) | ccatcatatctccccagttca | 62 |
| RUMGNA\_03119 | ctgagagtcgtatctccgaagg | atctactgacggaaggaaacga | 60 |
| RUMGNA\_03121 | gggaacagagattacggtgaa | aaccactgggcaaactcatatc | 60 |
| RUMGNA\_03411 | aatcacacctggggatgatatt | ccttctacggaagcattcaca | 60 |
| RUMGNA\_03611 | ttcggaaaacgggaggat | gcttttccagattcggatacc | 61 |
| RUMGNA\_03829 | gaagtaggtgcaaacccatgta | agatccttctgccagtgcat | 60 |
| RUMGNA\_03833 | ccaattacggaaagctggat | tctgctttccatgtatcttcaca | 76 |