|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Gene ID | Sequence | Length | Tm | GC % | Amplicon length | Amplicon Tm | Tm anealing |
| AlLAC14 | GCCTACTACCGCTCCATC | 18 | 63.2 | 61.1 | 140 | 85.9 | 64.1 |
| TACTCCAGAACCTTCACCTTG | 21 | 63.3 | 47.6 |
| AlLAC17.1 | TCTGCTCTTCCTTGCTCTC | 19 | 63.0 | 52.6 | 149 | 83.2 | 62.1 |
| TTAACCGTGATGATGCTCTTG | 21 | 62.5 | 42.9 |
| AlLAC5 | TCCTCCTCTGCTCTCCTT | 18 | 62.9 | 55.6 | 105 | 83.5 | 62.4 |
| CTTCACTGGCGTCTCCTT | 18 | 63.2 | 55.6 |
| AlLAC12.2 | CAGAAGCAAGCCTGTTGTC | 19 | 63.2 | 52.6 | 166 | 86.3 | 64.4 |
| AGCGGAGCAGTTGAAGAG | 18 | 63.6 | 55.6 |
| AlLAC16.1 | CTTGCTCAGGGTCTTGGTA  | 19 | 62.9 | 52.6 | 87 | 78.8 | 59.1 |
| TTGTACGGTGTTCTTCAGTAGT | 22 | 63.2 | 40.9 |