Primers for qRT-PCR

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| **Target** | **Primer** | **Sequence (5’~3’)** | **Gene Bank Accession No.** |
|
| GAPDH | Forward  | GAACATCATCCCAGCGTCCA | NC\_006088.5 |
| Reverse | CGGCAGGTCAGGTCAACAAC |
| IL2RB | Forward  | TCCAATTGATCCCAGTGCCC | NC\_006088.5 |
| Reverse | TGGCTGTATTGGCTTGGGAG |
| CD8A | Forward  | AGCCACGTCAACAAGGACAT |  NC\_006091.5 |
| Reverse | ACGATGGTGACGATCAGAGC |
| NK lysin | Forward  | GATGGTTCAGCTGCGTGGGATGC | DQ186291 |
| Reverse | CTGCCGGAGCTTCTTCAACA |
| IFNG | Forward  | CCTGATGGCGTGAAGAAGGT | NM\_205149.1 |
| Reverse | CTCCTCTGAGACTGGCTCCT |
| Granzyme K | Forward | CGGGAAGCAACTGTTGAAAT | XM\_423832 |
| Reverse | GAGTCTCCCTTGCAAGCATC |
| Granzyme A | Forward  | ACTCATGTCGAGGGGATTCA | NM\_204457.1 |
| Reverse | TGTAGACACCAGGACCACCA |
| Perforin | Forward  | ATGGCGCAGGTGACAGTGA | XM\_425355 |
| Reverse | TGGCCTGCACCGGTAATTC |
| JARID2 | Forward  | CATGCACTAAGGAGGTGGGG |  NC\_006089.5 |
| Reverse | CTGGCGTACTCTTTCCAGCA |
| IL18RAP | Forward  | TTCCGAGGGCTCTGAAACAC | NC\_006088.5  |
| Reverse | GCAAGCTGCCTTGAGGGTAT  |
| IRAK2 | Forward  | TGAACAGATGTCTCGGGTGC | NC\_006099.5 |
| Reverse | TGGACCATCACATGCCAGAA |
| ROCK1 | Forward  | ACTGGGTTTTACGTTGTCGTTT | NC\_006089.5 |
| Reverse | TACAAAGCAAGAGGCCGACA  |

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| **Target** | **Primer** | **Sequence (5’~3’)** | **Gene Bank Accession No.** |
|
| CCL4 | Forward | CAGACTAGAAAGGCCCACGG | NC\_006106.5 |
| Reverse | CTCCCTTAAATGCGCTCCCT |
| CCL5 | Forward | GATGACTGCCGTAGCTGTGT | NC\_006106.5 |
| Reverse | GCCCCAAACGGAGATGAAGA |
| FOXO3 | Forward  | GTGCAGCAATGCAGTGTCAA | XM\_001234495.6 |
| Reverse | ACACCAAAGCCTTCCCCAAA  |
| FOXO1 | Forward  | AGTTGGGTGTCAGGCTAGGA | NC\_006088.5 |
| Reverse | TGCTGCCAACTCTGACGAAA |
| CCND1 | Forward  | TGTCGTTCGAACCCCTCAAG | NC\_006092.5 |
| Reverse | TTGCAGTAACTCGTCGGGTC  |
| GATA3 | Forward | CACAGAAGGCAGGGAGTGTG | NM\_001008444.1 |
| Reverse | GATCGCCGTTGGCATTTCTC |
| IL31RA | Forward  | GCTGGGGCAATGTGCACTAA | NC\_006127.5 |
| Reverse | GCCAACACAAACCTCCCTCT |
| FOXP3 | Forward  | CCTAAAGAGCCCCAGCAACA | NM\_001024827.1 |
| Reverse | TGGCCAGGCTGGATTGTTAG |
| S1PR4 | Forward  | CCGAGCTCAGAATGGACCTC | NC\_006115.5 |
| Reverse | GAGCCCGATCCTGATACAGC  |