**Table S1** Housekeeping and target genes used in the real-time PCR assay indicating locus symbol, GenBank accession number, and primer sequence.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Locus Symbol** | **GenBank AccessionNo** | **Forward primer (5' 🡪 3')** | **Reverse primer (5' 🡪 3')** |
| House-keeping | *ACTB* | L08165 | CACAGATCATGTTTGAGACCTT | CATCACAATACCAGTGGTACG |
| *GAPDH* | K01458 | GGGAAGCTTACTGGAATGGCT | GGCAGGTCAGGTCAACAACA |
| *G6PDH* | AI981686 | CGGGAACCAAATGCACTTCGT | GGCTGCCGTAGAGGTATGGGA |
| Target genes | *ADAMTSL1* |  | GGTGTCTGAGAAAGTTGAGCA | AGGCAACACTCTTAGCTCCA |
| *ATP12A* |  | GCCACAATGATGCCAATG | CATCGGTGTGCTCTTCTTCA |
| *AVD* |  | GACCATCGGGACTGTGAAC | GCTGTTACGGCTGTGAGGTA |
| *CD3E* |  | GCTCCATTTGCTGCCATAC | GCTGCGAAGGAAGAAAGAAC |
| *CD7* |  | ACAGTTGTCCCCAGGAGTGT | AAATGACCTCTCCCAAGCAG |
| *CTSD* |  | GTCCTGGGCTGAAGCAGTA | GCCCCTCAACTCCAAAACT |
| *GSAP* |  | GCAGTTTTGAGTAGCCACCAT | GTGTTGGAAACCCAGGTCTGT |
| *MAD2L1* |  | CCATGCCTAATCCCAAGACT | GTTCAAGCCTTTTCCTGCTC |
| *NOV* |  | CCCCACACAACACCAAAAC | TCTAACGGCTGGAAGAAAGC |
| *SOX13* |  | CGAAGGATGAGAGGAGGAAG | CTTGCTGATGCTGGAGTTGT |
| *SPTSSA* |  | ACCATCACCAACGGAACA | GCTGACATAGGCCCACATAA |
| *UBASH3A* |  | CGAGGTGAAGATAGCTTGTGG | CAGCGAACTGCTTTCTGTGT |