**Supplemental 1.** Gene-specific primer sets used in quantitative RT-PCR

**Genes Forward primer sequence Reverse primer sequence**

GAPDH GGAAGGTGAAGGTCGGAGTCA GTCATTGATGGCAACAATATCCACT

EVX1 GCTGCGGGTTTCCTTTCATCTTC AGCCCCATTGCCCTCTTCTTTC

TWIST1 GGAGTCCGCAGTCTTACGAG TCTGGAGGACCTGGTAGAGG