

**Table S1.** List of primers sequencing from 5' to 3' used for RT-qPCR

Genes symbols	Primers sequencing
VEGFA	F - AGG GCA GAA TCA TCA CGA AGT R - AGG GTC TCG ATT GGA TGG CA
HB-EGF	F - ATC GTG GGG CTT CTC ATG TTT R - TTA GTC ATG CCC AAC TTC ACT TT
TNF	F - GAG GCC AAG CCC TGG TAT G R - CGG GCC GAT TGA TCT CAG C
GLUT1	F - TAG AAA CAT GGT TTT GAA ATG CTT R - CCC ACT TAC TTC TGT CTC ACT CC
LDHA	F - TGG AAA TAT TAG GCT ATT CTT GGG C R - GAC TAT TAC ATC CTC TGC TAT TAG TC
HK2	F - ATC CCT GAG GAC ATC ATG CGA R - CTT ATC CAT GAA GTT AGC CAG GCA
PGK1	F - CCG CTT TCA TGT GGA GGA AGA AG R - CTC TGT GAG CAG TGC CAA AAG C
PDL1	F - TGC CGA CTA CAA GCG AAT TAC TG R - CTG CTT GTC CAG ATG ACT TCG G
CTLA4	F - CCA GTT CCT TTC AAT GGT TTG C R - GCC CAT CGA ACT GGA GC
IL6	F - GGC ACT GGC AGA AAA CAA CC R - GCA AGT CTC CTC ATT GAA TCC
MTOR	F - AGC ATC GGA TGC TTA GGA GTG G R - CAG CCA GTC ATC TTT GGA GAC C
$\beta$ -actin	F - CCT CGC CTT TGC CGA TC R - GGA TCT TCA TGA GGT AGT CAG TC