

Table S2. Prime pairs used for RT-qPCR

Gene ID and description	Sequence of primer (5' to 3')
Histone H3	F: ACTAAGCAGACCGCCCGCAGG R: GCGGGCGAGCTGGATGTCCTT
FPRO_01310 Acetyl-CoA synthetase	F: GTACACCTGCCTACCCCAAC R: TTCAGCAGTCTCAAAGCGGT
FPRO_05233 Catalase	F: ACAGCTATGGTGTGGTGACG R: TTACGGTGCTGGCTGATGTT
FPRO_10271 Formamidase	F: AGTCCCTCACGCTACCTCAT R: TATTCGATTGCGCGGAGACA
FPRO_09323 Glycine hydroxymethyltransferase	F: CGGTGGTCTTCGTCTTGGA R: GGCGTCCTTATCAACCGCTA
FPRO_06124 Glutathione reductase	F: GCCTATGGCTTCTCCGTTGA R: GCTCGTAGATGCCGTTTCA
FPRO_01912 Glutathione S-transferase	F: GGCTCTCAACCTCAAGCAGA R: CGGGGTGTGCTGAGATCAAT
FPRO_03658 5-Oxoprolinase (ATP-hydrolysing)	F: ACGGGAGCTATGAGACAGGT R: TCCAAAGCCGACCCATAACC
FPRO_09374 Phosphoenolpyruvate carboxykinase	F: ATCCGACCTTCACGAGAGGA R: TCGAAGTTGATGGCAACGGA
FPRO_12920 Peroxidase	F: GCCACTGTCACCCACGATAA R: GACGAGAGGCGCATTAGGAA
FPRO_06025 Formate dehydrogenase	F: CATCACCACTCCCTTCCACC R: CTGGTGGTCCCAGACATCAC