

Table S1. Primers list used for RT-qPCR analysis.

Primer Name	Gene	Sequence 5'-3'	Tm	Efficiency (%)	Reference
EF α _F	<i>Elongation factor- (reference gene)</i>	TGCTGGTGGTGTGGGTGAGT	60	95,18	[41]
EF α _R		CCTCAAACCGCTTCTGGCTGT			
IgM_F	<i>Immunoglobulin M</i>	TGAGGAGAACTGTGGGCTACACT	60	99,98	[38]
IgM_R		TGTTAATGACCACTGAATGTGCAT			
IgM_Prove		CATCAGATGCAGGTCC			
IgT_F	<i>Immunoglobulin T</i>	CAACACTGACTGGAACAACAAGGT	60	107,77	[38]
IgT_R		CGTCAGCGGTTCTGTTTTGGA			
IgT_Prove		AGTACAGCTGTGTGGTGCA			
COX-2_F	<i>Cyclooxygenase 2</i>	CAGTGCTCCCAGATGCCAAG	60	102,34	[41]
COX-2_R		GCGAAGAAGGCGAACATGAG			
IL1B_F6	<i>Interleukin-1B</i>	GATCTGGAGGTATCCCATCA	60	122,36	[41]
IL1B_R6		CACAGCACTCTCCAGCAAGA			
MHCII_F	<i>Major histocompatibility complex II</i>	CTCCTCAAAGGACCTGCAGG	60	104,72	[41]
MHCII_R		TCAGGACCTTTGTTCCAGGC			
TLR22_3_F	<i>Toll-like recePtor 22</i>	TGCCTTCTAACCCTCTCCCT	61	91,36	[41]
TLR22_3_R		CGCTGCTCTCAGACAGGAAG			
FerritinM_F1	<i>Ferritin M</i>	TATCACCACGATTGCGAAGC	60	102,66	[41]
FerritinM_R1		CTCGTCGCTGTTCTCCTTGA			
GSHPx_F1	<i>Glutathione peroxidase</i>	TAAAGTGGTGCTGATCGAGA	54	100,23	[41]
GSHPx_R1		GTTCTCCTGATGTCCGAAC			
Blv r_F1	<i>Biliverdin reductase</i>	AAACAGATCCACCAGCCAGG	59	106,7	[41]
Blv r_R1		ACAGCCGACTTTAAGCAGCT			
Hep_F1	<i>Hepcidin</i>	GCTGTTCCTTTCTCCGAGGTGC	59	111,07	[41]
Hep_R1		GTGACAGCAGTTGCAGCACCA			
HO_F2	<i>Heme oxygenase</i>	GTCCTCTCGAGTGGTGAAGC	61	94,21	[41]
HO_R2		ATCTCTGAGTCCCTGGCCAA			
ALA s_F1	<i>Aminolevulinate synthase</i>	GGTAGGATGCCTGCTGACTG	63	105,52	[41]
ALA s_R1		CCCCAAGCCTGTTTTGCTGA			
ALA d_F2	<i>Aminolevulinate dehydratase</i>	CCACTCGCCCATCCATCATA	59	126,72	[41]
ALA d_R2		ACACCTCACATGGACACTGT			
SOD_F1	<i>Superoxide dismutase</i>	CCGTATTCTTTGAGCAGGAG	54	104,98	[41]
SOD_R1		AGCCGTTGGTGTGTCTC			