

<b>Gene Name</b>	<b>Forward Primer</b>	<b>Reverse Primer</b>	<b>Probe (Universal Probe Library-Roche)</b>
ALAS1	GAAATGAATGCCGTGAGGAA	CCTCCATCGGTTTTCACT	#40
HO1	GGGTGATAGAAGAGGCCAAGA	AGCTCCTGCAACTCCTCAA	#42
FPN	GCTCTAGCTGTGAAAGCTGGTC	AGTTCCTCCAGGGGTTTT	#35
FT-H	GCCAGAACTACCACCAGGAC	CATCATCGCGGTCAAAGTAG	#1
FT-L	GCTGAACCAGGCCCTTTT	TCCAGGAAGTACAGAGATGG	#37
DMT1	CATGCTGGCCTTTTCCTAA	AACATCCCAGCACAAACACC	#76
SOD1	TCATCAATTCGAGCAGAAGG	GCAGGCCTTCAGTCAGTCC	#60
SOD2	AATCAGGATCCACTGCAAGG	TAAGCGTGCTCCACACAT	#3
CATALASE	TCATCAGGGATCCCATATTGTT	CCTTCAGATGTGTCTGAGGATTT	#76
THIOREDOXIN1	TGAGGAGAAAGCTGTGGAGAA	CCATTCCAATGGCCAAAA	#60

**Table S3**