

Table S2 Real-time PCR primers used in this study

Target gene	Forwardprimer(5'→3')	Reverseprimer(5'→3')	Amplicon
GAPDH	TGTTGCCATCAATGACC CCTT	CTCCACGACGTACTC AGCG	202
GPX1	TCTGGCTACTCTCTCGTT TCCT	ATGAGTCACCGGGAT TTTGC	98
GPX3	AGAAGTCGAAGATGGA CTGCC	AGAGGACGTATTTGC CAGCAT	120
GPX4	AGCAAGATCTGCGTGAA CGG	GGTGAAGTTCCACTT GATGGC	108
DIO1	GGCGAGAAGACGGGTA TGAC	ACGGACCTTCAAGAC GAACC	102
DIO2	ACAAACAGGTGAAATTG GGTGA	ACAAACAGGTGAAAT TGGGTGA	146
DIO3	TGACACTGATGTGCTGA GCC	GATTTCCAGTGAGCC AGGCA	131
SELENOF	TCGAAAGCACCCAGTGA TTGT	TCCACTCCAGAGCCT GATCC	135
SELENOH	GGACTGGGATTAAGAAG GGGC	GGACACAAAGCCAAA TCTCCC	109
SELENOI	TTCTCCATGCTTGCTGTT CA	GGCAAAAGCTGTTCC AACCA	112
SELENOK	CGTCTCTTTCAGCAGCC AATG	GCCCCTGTCGGTTTCT GTAT	120
SELENOM	CTTTCGTCACGCAGGAC ATTC	TCTCTTCGCGGGTCAT TTCA	141
SELENON	GGTTCTCCCCTGCTCAG TTC	CCCGTAAAGCCACTC CATGT	125
SELENOO	GCAGAGAAATGCTGCCT TCTT	TCATGTTGTCGGTGTT GAGC	110
SELENOP	TATGTAAGCAACCCCCA GCC	GCACAGGTATCAGCT GGCTT	107
SELENOS	CTGGCGGATGAGGCTAA GAA	CACTGTGAAAAGCGT GCGTA	101
SELENOT	TCTCTGTTTGCCTTGGGT TGA	AAGAGATGAGCGTCA ACAACAC	100
SELENOW	CCGAGGCTCCATCCTTT CTG	CAATAAACGACTCGG ACGGC	148
TXNRD1	ATGTCATGTGAGGACGG TCG	TCTGCCCTCCTGATAA GCCT	138
TXNRD2	TACTAGCCCCGACACTC AGA	TATGGGTGTCAGCTC AGGC	112

TXNRD3	GGGGCAGGCATTATGTG ACT	AGAGACAACCTGTAG CCCCA	132
SEPHS2	AGTACGGAGAGGGTCAC CAA	CCACGAGGCAGGACT TCAAT	106
