

S2 Table. Primer sequences used for DNA methylation analysis. Gpx1: glutathione peroxidase 1; Prdx3: peroxiredoxin 3; Sod2: superoxide dismutase 2, mitochondrial; Trx1: thioredoxin 1.

Gene	EPITYPER Primer sequence
<i>Gpx1</i>	(F)aggaagagagGGGATTTTGAGATTTAGAGTTGGTT (R)cagtaatacgactcactatagggagaaggctATTCTCAATAACAACACCTTACCC
<i>Prdx3</i>	(F)aggaagagagTTAGGTTTGGGTGTTTTAGTGAAGA (R)cagtaatacgactcactatagggagaaggctCCCTTAAATCTACTACCCACTAACTCC
<i>Sod2</i>	(F)aggaagagagATGTTAGGTTAGGTTTTAGGGAAGG (R)cagtaatacgactcactatagggagaaggctTCCCCTATACCAAATTAATAAAAACC
<i>Trx1</i>	(F)aggaagagagTTAGTGTAGTTTGGGGATTGTTTTA (R)cagtaatacgactcactatagggagaaggctCCCTAATCTAAAAATACACCTCTACC