### SUPPLEMENTARY TABLE

Supplementary Table 1. List of primers for qRT-PCR used in this study.

| Gene name | Primer sequences (5’-3’) | Product size (bp) | Accession number |
|-----------|--------------------------|-------------------|------------------|
| **p53** | F: TGAGGTTCTGTTTGTGCTTGC 
R: CCATCAAGTGTTTTTTTTCTTTTG | 165 | XM_030245923.1 |
| **Bax** | F: TTTGCTTCAGGGTTTCTACCC 
R: ATCCCTGCACTCCATGGTT | 162 | XM_011250780.3 |
| **Caspase-3** | F: AAGGCTGGAACCCCTTGTTT 
R: GCACCTTGCCTTCAATGAGT | 220 | XM_030243266.1 |
| **Bcl2** | F: TCGCTACCGTCGTGACTTCGC 
R: GCATCCCAGCTCCGTATCC | 273 | NM_009741.5 |
| **Sod1** | F: CACTCTCAGGAGACATTCCA 
R: CCCAGCATTTCCAGTCTTTG | 110 | XM_021185540.2 |
| **Gpx1** | F: CCAGGAGAATGGCAAGAATGAA 
R: AGGAAGGTAAAGAGCGGGTGAG | 138 | XM_021207183.2 |
| **Kdm5a** | F: CCAGCCTTTTCTACCAATGT 
R: ATAGGGCGCTCTTATCAG | 146 | XM_029478250.1 |
| **Kdm5b** | F: AAGCAGCTCTGCTGCTAGCA 
R: GAAGGCAATGGCTATCAG | 73 | XM_017312617.2 |
| **Kdm5c** | F: GGCTGACATTTCCATCAAAG 
R: AGCATACTCCCTCCTCTCTG | 88 | XM_017318443.2 |
| **GAPDH** | F: CAGGGTGTCCTCCTGCAGGCTTCA 
R: GTGGGTTGGTCCAGGGGTTTCTTA | 190 | NM_001289726.1 |