**Supplementary Table 1. Primer sequences used for qPCR**

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| **Gene** | **Primer Sequence (5'-3')** | |
| GADD45A | F | GCTCAACGTAATCCACATTC |
| R | GAGATTAATCACTGGAACCC |
| CDKN1A | F | CAGCATGACAGATTTCTACC |
| R | CAGGGTATGTACATGAGGAG |
| HMOX1 | F | CAACAAAGTGCAAGATTCTG |
| R | TGCATTCACATGGCATAAAG |
| ATF3 | F | AGAAAGAGTCGGAGAAGC |
| R | TGAAGGTTGAGCATGTATATC |
| GAPDH | F | TCCACTGGCGTCTTCACC |
| R | GGCAGAGATGATGACCCTTTT |