**Supplementary File 1 – List of primers used in RT-qPCR expression analysis.**

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| Gene name | Primer sequences |
| *cdkn2a/b*  (p15/16) | forward – 5’ GAGGATGAACTGACCACAGCA  3’  reverse – 5’ CAAGAGCCAAAGGTGCGTTAC  3’ |
| *bcl2l1*  (Bcl-XL) | forward – 5’ GGGCTTGTTTGCTTGGTTGA 3’  reverse – 5’ AGAACACAGTGCACACCCTT 3’ |
| *cdkn1a*  (p21) | forward – 5’ CAGCGGGTTTACAGTTTCAGC 3’  reverse –5’ TGAACGTAGGATCCGCTTGT 3’ |
| *ppargc1a*  (PGC1a) | forward – 5’ CTGTGGAACCCCAGGTCTGAC3’  reverse – 5’ ACTCAGCCTGGGCCTTTTGCT 3’ |
| *rpl13a* | forward – 5’ TCTGGAGGACTGTAAGAGGTATG 3’   reverse – 5’ AGACGCACAATCTTGAGAGCAG  3’ |