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

|  |  |
| --- | --- |
| 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’  |