**Supplementary table 1. qPCR primer sequences**

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| **Taqman ® Primer** |
| **Gene Symbol** | **Taqman ® Primer Context Sequence** |
| RNU6B | CGCAAGGATGACACGCAAATTCGTGAAGCGTTCCATATTTTT |
| hsa-miR-196a | UAGGUAGUUUCAUGUUGUUGG |

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| **SYBR Primers** |
| **Gene Symbol** | **Forward Primer** | **Reverse Primer** |
| **Ubiquitin C** | CCACTCTGCACTTGGTCCTG | CCAGTTGGGAATGCAACAACTTTA |
| **HTT Exon 1** | GCGACCCTGGAAAAGCTGAT | CTGCTGCTGCTGGAAGGACT |
| **Caspase-3** | TCGCTTTGTGCCATGCTG AAA C | TGTTGCCACCTTTCGGTTAACC |
| **BCL2L1** | CGGGATGGGGTAAACTGG | AGGTGGTCATTCAGGTAAGTGG |
| **ANXA1** | ATGAAAGGTGCTGGAACTCG | TCTCCCTTGGTTTCATCCAG |
| **BDNF** | GCC CAATGAAGAAAACAA TAAGG | AGCAGAAAGAGAAGAGG GGC |
| **CBP** | AGCGAAACCAACAAACCATCC | TGGGGTCTATGGGATTTGGGT |
| **PGC1α** | CTAAAGACCCCAAAGGATGC | GCGGTGTCTGTAGTGGCTTG |