

**Table S1.** Primer sequence of used for qRT-PCR validation of selected genes.

<b>Gene</b>	<b>Forward Sequence</b>	<b>Reverse Sequence</b>
EGR1	GAGAAGGTGCTGGTGGAGAC	TGGGTTGGTCATGCTCACTA
MAPK1	TGGATTCCCTGGTTCTCTCTAAAG	GGGTCTGTTTTCCGAGGATGA
CCNK	AGTGATGTATCTCGCAGGACG	ACAACCACGGCTCGCTTA
CASP9	CCTGCTTAGAGGACACAGGC	TGGTCTGAGAACCTCTGGCT
BCL2L1	AGGTCTTTTTCCGAGTGGCAGC	GCGTCCCAAAGTAGGAGAGGAG
CDK7	GGCACACCAACTGAGGAACA	AGTCGTCTCCTGCTGCACTG
CDK2	ATGGATGCCTCTGCTCTCACTG	CCCGATGAGAATGGCAGAAAGC
CDKN1A	AGGGGACAGCAGAGGAAG	GCGTTTGGAGTGGTAGAAATCTG
CDK2AP1	AGCATGGCAACGTC TTCACAGT	TGGCATTCCGTTCCGTTTCT
P53	TGCGTGTGGAGTATTTGGATGAC	CAGTGTGATGATGGTGAGGATGG
β-Actin	TGGCACCCAGCACAATGAA	CTAAGTCATAGTCCGCCTAGAAGCA