

**Table S6: Primers****Primers used for RT-PCR analysis**

Gene	Forward Primer 5'-3'	Reverse Primer 5'-3'	Ta
BAX	CTCTGAGCAGATCATGAAGACAGG	GAAAACATGTCAGCTGCCACTCG	65
CAMTA1	GCGAGGAGGAGGAGGATGTGGC	CTCATTAGTGTTCCAGCGGTGCC	65
CCAR1	CACTGGTCTCCTTCGTTGGATGGACC	GTCTTTGGATCAAGTTTAGACCAATGGGTAGG	70
CELF2	CTGCAGATAGTGAAAAGTCCAACGCTGTGG	CCCAGGTGGCAGTGTTGAGCTGCTGC	70
FIP1L1	GAGGTGCGAGCGCCTAGTGTCGGAG	GCGATGATGATGAAGATGATGTTTCATGTCCAC	65
LEF1	GAGAGAGAACTACAGGAATCTGCATCAG	CAAGCTTCCATCTCCAGAAGAGGTCC	70
LUC7L	CTG CCT GAG AGA AGT CGT CGC G	CGT CCC AGC CAG GAT GTC ATG GG	65
MKK7	CGACCTCAACCTGGATATCAGCC	GGAGCTCTCTGAGGATGGCGAGC	65
MTF2	AAGATATGAGCATGTTCTGGAGGC	GTATATGGGCCAGGTGGACGACC	65
PRPF3	CTGTTTGAGGCTGTGGAGGAAGGC	GGAGCTTAGTCAGCATGCCAGGG	65
RBM3	GTCAAGGACCGGGAGACTCAGCGG	GCAGACTTGCCTGCATGATCCACACGG	70
RNF34	AGGAGGTGCGCAGTGTGAGGAGC	CTGAATGGACCGGTGGCTCCTGC	70
SMARCA4	CTCGTGGATCATCAAGGACGACG	CGCTTCCGTGATGATTTCTTCTGC	65
TRA2A	TGGTTGCCGACTCTTTCCTCTTCC	CTACGAGATCCTGACCTGCTCTCC	70
ZDHHC20	CTTGGGTGATGGTTGCAGTTTTCC	CTGAGATTCACTGTCCAACAAGCG	65
TNF- $\alpha$	CACCATGAGCACTGAAAGCATGATCCG	GGCCAGAGGGCTGATTAGAGAGAGG	60
B2M	CTCGCGCTACTCTCTTTCTGG	ATGGATGAAACCCAGACACATAGC	60

**Primers used for cloning and *in vitro* transcription**

Gene	Primer 5'-3'	Ta
MKK7I1-2 NdeI-F	GGAATTCATATGCCTCCTCCTCGTTTATGATTTGATTTTC	65
MKK7I1-2 PstI-R	AAAACCTGCAGTAACTGGATGGGGAAAAGGAAGAAA	65
MKK7I2-3 PstI-F	AAAACCTGCAGCAGGTACCAGCCTTTTTATCATCGC	70
MKK7I2-3 BglII-R	GGAAGATCTGGACGCCATTCTGCGGCCGGG	70
MKK7I1-2 T7-F	TAATACGACTCACTATAGGCCTCCTCCTCGTTTATGATTTGATTTTC	70
MKK7I2-3-R	GGACGCCATTCTGCGGCCGGG	70
Beta-globin T7-F	TAATACGACTCACTATAGGGACCAATAGAACTGGGCATATGG	65
Beta-globin-R	CTTCTCTGTCTCCACATGCCAG	65
JNK1a1- BamHI-F	cgcGGATCCagcagaagcaagcgtgacaaca	65
JNK1a1-XbaI-R	ctagtctagaTCACTGCTGCACCTGTGCTAAAG	65
MKK7cDNA-BamHI-F	CGCGGATCCATGGCGGCGTCCCTCCCTGGAAC	65
MKK7cDNA-EcoRI-R	CCGGAATTCCTACCTGAAGAAGGGCAGGTGGGGC	65
MKK7-LcDNA-R	GGTCTTCCGGAAGCGCATCTTCC	65