

**Table S2: Primer sequences used in RT-qPCR, Related to STAR Methods Section – RNA analysis**

Gene	Forward primer	Reverse primer
Human SIRT1	TAGCCTTGTCAGATAAGGAAGG A	ACAGCTTCACAGTCAACTTTGT
Murine SIRT1	TGTGACAGAGAGATGGCTGG	ATCTTCCAGATCCTCAAGCG
Human VEGF	AGCTGCGCTGATAGACATCC	CTACCTCCACCATGCCAAGT
Murine VEGF	CTGTAACGATGAAGCCCTGGA G	TGGTGAGGTTTGATCCGCAT
Murine MHC-I	GCCAACTATGCTGGAGCTGAT GCCC	GGTGCGTGGAGCGCAAGTTTGTCA TAAG
Murine MHC-IIa	GGCACAAACTGCTGAAGCAGA GGC	GGTGCTCCTGAGGTTGGTCATCAG C
Murine MHC-IIb	GAGCTACTGGATGCCAGTGAG CGC	CTGGACGATGTCTTCCATCTCTCC
Murine MHC-IIx	GGCAGCAGCAGCTGCCGAAGC AGAGTCTGG	GAGTGCTCCTCAGATTGGTCATTAG C
Murine HPRT	GTTAAGCAGTACAGCCCCAAA	AGGGCATATCCAACAACAACTT
Murine GAPDH	AGGTCGGTGTGAACGGATTTG	TGTAGACCATGTAGTTGAGGTCA
Human HEY1	AACTGTTGGTGGCCTGAATC	AATTCTTTGTGTTGCTGGGG
Human HEY2	TTCAAGGCAGCTCGGTAAC	GGGCATTTTACTTCCCCAAT
Human HES1	TCAACACGACACCGGATAAAC	GCCGCGAGCTATCTTTCTTCA
Human NRARP	TCAACGTGAACTCGTTCGGG	ACTTCGCCTTGGTGATGAGAT
Human NOTCH1	GCAACAGCTCCTTCCACTTC	GCCTCAGACACTTTGAAGCC
Human Actin	GTTGTGACGACGAGCG	GCACAGAGCCTCGCCTT
Human HPRT	ACCCTTTCAAATCCTCAGC	GTTATGGCGACCCGCAG