

Table S5. Details of RT-qPCR primers and probes used in this study.

Gene Assay	Species	Protocol	Forward Primer	Reverse Primer	UPL Probe No. (Roche)
<i>HEATR2</i>	Human	RT-qPCR	5'-TCTGCCAGGCATCTGAAAA-3'	5'-GCCACAGTCCTCATGACACA-3'	1
<i>TBP</i>	Human	RT-qPCR	5'-CGGCTGTTAACTTCGCTTC-3'	5'-CACACGCCAAGAAACAGTGA-3'	3
<i>Bbs5</i>	Mouse	RT-qPCR	5'-CTACCCGGTTTGAGTTTATATTC-3'	5'-CTGCACTTCTCAACTTAAAGTC-3'	n/a
<i>Dnahc5</i>	Mouse	RT-qPCR	5'-AAGCTGTTGCACCAGACCAT-3'	5'-CCCAGGTGGCAGTTCTGTAG-3'	88
<i>Dnali1</i>	Mouse	RT-qPCR	5'-AGTTCCTGAAACGGACCAAC-3'	5'-TGAGACCCATGTGGAAATGA-3'	97
<i>Dync2li1</i>	Mouse	RT-qPCR	5'-ACCTTAGCGTTGGAGTACAC-3'	5'-TAAGTCCAGCAAGGAGGTTTC-3'	n/a
<i>Foxj1</i>	Mouse	RT-qPCR	5'-GAACTTCTTCCAGAACCTTCCTC-3'	5'-TCCTCCGAACACGAATGTG-3'	71
<i>Heatr2</i>	Mouse	RT-qPCR	5'-CTTCGATGACGTCCCTCAG-3'	5'-GTAGCGGTCCCGGAGATT-3'	46
			5'-CTCCCAACTACCCTGAGCAC-3'	5'-TGGAGAGGTTCTGAAGACC-3'	26
			5'-TCTCAGATGCCGTGGGTCTT-3'	5'-TGCGGTAGAGGTCCTGACTG-3'	n/a
<i>Rfx3</i>	Mouse	RT-qPCR	5'-TGTCACCTCCAGTGTCTCA-3'	5'-TTGAGAACCATTGCAGATTCC-3'	6
<i>Zmynd10</i>	Mouse	RT-qPCR	5'-GCCATCCTTGATGCAACTATC-3'	5'-CAATCAGTCCTCCACCAG-3'	64
<i>Dync2li1</i>	Mouse	ChIP-qPCR	5'-ACTTCCCATGAGGCTGCTCT-3'	5'-GCAGGCTGCAAACACCTAGT-3'	n/a
<i>Heatr2</i>	Mouse	ChIP-qPCR	5'-CATCGTACTAGCGCCGGTTC-3'	5'-CTTCAGCCGCCTCGGTTAAG-3'	n/a