

Supplementary Table 7. List of primers used for qRT-PCR and ChIP-qPCR in this study

Species	Application	Gene	Forward primer (5'-3')	Reverse primer (5'-3')
worm	qRT-PCR	<i>cbp-1</i>	GCTGCGAAGAATCAACCACC	TTGTGTGGTATCGGAATGACA
worm	qRT-PCR	<i>cbp-2</i>	TCAGTTGAATGCTGCAAAGACAG	AGCACATCTTTGATTTTCCCGC
worm	qRT-PCR	<i>cbp-3</i>	TGCGGGAAAATCAAAGATGTGC	ACAAACACCAACCGAATTCTGAAA
worm	qRT-PCR	<i>cco-1</i>	ACCCAGATCCACTTGAGCACGC	TGTCCGGAATCTTGCTCACACATGC
worm	qRT-PCR	<i>mrps-5</i>	ACGTCGCCCACGTGGATTCTG	TGAAGACCTTTTCGTTCCGGCCAGT
worm	qRT-PCR	<i>hsp-6</i>	AGAGCCAAGTTCGAGCAGAT	TCTTGAACAGTGGCTTGACAC
worm	qRT-PCR	<i>timm-23</i>	GTTTCCCGGCAAATGACACC	AACGATTGCTCCAGACGGTT
worm	qRT-PCR	<i>clec-70</i>	TGCCTATTGCAACGACCTGG	CACACGGCGTTAGTTTGGTG
worm	qRT-PCR	<i>asp-10</i>	GTCTCTGCAGAAGTCCACCA	TGGCATCTTTTCTCCAGCA
worm	qRT-PCR	<i>clec-4</i>	GGGATATGGAGCGACACTGG	TCGCAAATCTTCTGGCCCTT
worm	qRT-PCR	<i>lys-2</i>	GCTGCGATTGCAAATACCGA	TGGCAGTTGGATTGTTTGGC
worm	qRT-PCR	<i>mtp-18</i>	TGTCGTCGCCTTCGGATATG	TCTGCCATAACACGGTGTCC
worm	qRT-PCR	<i>clec-160</i>	GGACGACTCCAAAGCAGGAA	CCACCTTGTCCATTCCCTC
worm	qRT-PCR	<i>spg-7</i>	AAGGTGAAGTTCGCCGATGT	CTTCCGGTTCAGGAGGTC
worm	qRT-PCR	<i>gdh-1</i>	AAGCTATTCGGCCGCTACTC	TGTCACGACGGATTGGGAAG
worm	qRT-PCR	<i>clec-42</i>	CATCAAATGCGCTCAGTCGG	ATCATCGCGTCACAGTCTCC
worm	qRT-PCR	<i>clec-66</i>	ATGACCCGAGAAGTACCCGA	GGTGAACACTGAGCGCTTG
worm	qRT-PCR	<i>sptl-2</i>	CGGGAACCTCGTACCAATGTG	AACTCCCAAGAACTCAGCGA
worm	qRT-PCR	<i>hsp-60</i>	GGAAGCCCCAAAGATCACAAA	CAGCCTCCTCATTAGCCTTG
worm	qRT-PCR	<i>lonp-1</i>	CGATGATGGCCATTGTGCAG	CGCTTTGAAACATCAATTTTCATCCA
worm	qRT-PCR	<i>ctsa-1</i>	AGCTGCTCCAGCTACGGATA	GTTCCAGGCGTACTCGTTGT
worm	qRT-PCR	<i>cpr-5</i>	TGTGTGACTCCTGCACTTC	CCATCCGAGGATCTTGACGG
worm	qRT-PCR	<i>cpr-8</i>	TGGCAACAAACAGGGTCAC	ACTCGAGCCCACATTCTGTTT
worm	qRT-PCR	<i>sqst-1</i>	GATCCTCCGACCACTCCAAA	TGGAAGTGGTGGAAACGATCA
worm	qRT-PCR	<i>dct-1</i>	GGCTCCAACCTTACCACTCC	GCAAATCCTACTGCTGCTCC
worm	qRT-PCR	<i>pmp-3</i>	GTTCCCGTGTTCACACTCAT	ACACCGTCGAGAAGCTGTAGA
mouse	qRT-PCR	<i>Hspd1</i>	TCTTCAGGTTGTGGCAGTCA	CCCCTCTTCTCCAAACACTG
mouse	qRT-PCR	<i>Hspa9</i>	AATGAGAGCGCTCCTTGCTG	CTGTTCCCCAGTGCCAGAAC
mouse	qRT-PCR	<i>Lonp1</i>	ATGACCGTCCCGGATGTGT	CCTCCACGATCTTGATAAAGCG
mouse	qRT-PCR	<i>Asns</i>	TTGACCCGCTGTTTGGAATG	CGCCTTGTTGGTTGTAGATTTTAC
mouse	qRT-PCR	<i>Actn1</i>	GACCATTATGATTCCCAGCAGAC	CGGAAGTCCTCTTCGATGTTCTC
human	qRT-PCR	<i>HSPD1</i>	GGGTAACCGAAGCATTCTGC	CTGCACTCTGTCCCTCACTC
human	qRT-PCR	<i>HSPA9</i>	TGGTGAGCGACTTGTGGAAT	ATTGGAGGCACGGACAATTTT
human	qRT-PCR	<i>LONP1</i>	CCCGCGCTTTATCAAGATT	AGAAAGACGCCGACATAAAG
human	qRT-PCR	<i>ASNS</i>	ATCACTGTCGGGATGTACCC	TGATAAAAGGCAGCCAATCC
human	qRT-PCR	<i>DDX21</i>	CTCAAAGGCCGAGGAGTGAC	GGCCTCTCTTCTGTCTTGC
human	qRT-PCR	<i>SLC3A2</i>	ACCCCTGTTTTAGCTACGG	GGTCTTCACTCTGGCCCTTC
human	qRT-PCR	<i>CARD9</i>	GGTCATCCGCAAACGGAAAG	CTTGTACAGCTGCGGGTAGT
human	qRT-PCR	<i>p300</i>	CGATCTGATGGATGGTCGGG	TCTCCACATGGTGCTTGCTAT
human	qRT-PCR	<i>ACTB</i>	GTCATCACCATTGGCAATGAG	CGTCATACTCCTGCTTGCTG
worm	ChIP-qPCR	<i>hsp-6</i>	GCACGATCATTCTTGCTTTCC	CAGGAGTTTGTGGTTCCAAGA
worm	ChIP-qPCR	<i>hsp-60</i>	TCAGTCATTACCTGCTTCCCAGACG	CCTTTCTGGCGAGGCCGAAGCATCT
worm	ChIP-qPCR	<i>timm-23</i>	TCCGATAGCCCGTGAAATGAG	AGTGTGAGTTGGGTTACCGC
mouse	ChIP-qPCR	<i>Hspd1</i>	CAGGCATGGTGGTTAGCAGA	GGACTGTGGGTAGTCGAAGC
mouse	ChIP-qPCR	<i>Hspa9</i>	TGGAGGTTTCCAGAAGCGTAG	GCTCTGCTGGCGCTTATCA