

**Supplemental Table.** Primers for quantitative RT-PCR

Primer name	Primer sequences	
Mouse METTL3	forward	5'-CTGGGGCACTTGGATTTAAGGAA-3'
	reverse	5'-TGAGAGGTGGTGTAGCAACTT-3'
Mouse METTL14	forward	5'-GAGCTGAGAGTGCCGATAGC-3'
	reverse	5'-GCAGATGTATCATAGGAAGCCC-3'
Mouse WTAP	forward	5'-GAACCTCTTCCTAAAAAGGTCCG-3'
	reverse	5'-TTAACTCATCCCGTGCCATAAC-3'
Mouse FTO	forward	5'-GACACTTGGCTTCCTTACCTG-3'
	reverse	5'-CTCACCACGTCCCGAAACAA-3'
Mouse ALKBH5	forward	5'-GCATACGGCCTCAGGACATTA-3'
	reverse	5'-TTCCAATCGCGGTGCATCTAA-3'
Human METTL14	forward	5'-AGTGCCGACAGCATTGGTG-3'
	reverse	5'-GGAGCAGAGGTATCATAGGAAGC-3'
Mouse MCP-1	forward	5'-TAAAAACCTGGATCGGAACCAA-3'
	reverse	5'-GCATTAGCTTCAGATTTACGGGT-3'
Mouse IL-6	forward	5'-TAGTCCTTCCTACCCCAATTTCC-3'
	reverse	5'-TTGGTCCTTAGCCACTCCTTC-3'
Mouse TNF- $\alpha$	forward	5'-CCCTCACACTCAGATCATCTTCT-3'
	reverse	5'-GCTACGACGTGGGCTACAG-3'
Human MCP-1	forward	5'-CAGCCAGATGCAATCAATGCC-3'
	reverse	5'-TGGAATCCTGAACCCACTTCT-3'
Human IL-6	forward	5'-CCTTCAAAGATGGCTGAAA-3'
	reverse	5'-GCTCTGGCTTGTTCCTCACT-3'
Human TNF- $\alpha$	forward	5'-GAGGCCAAGCCCTGGTATG-3'
	reverse	5'-CGGGCCGATTGATCTCAGC-3'
Human Sirt1	forward	5'-TAGCCTTGTCAGATAAGGAAGGA-3'
	reverse	5'-ACAGCTTCACAGTCAACTTTGT-3'
18S	forward	5'-CGGCTACCACATCCAAGGAA-3'
	reverse	5'-CCTGTATTGTTATTTTCGTCACCT-3'