

Table 1. the primer sequences of genes

Gene	Forward primer (5' to 3')	Reverse primer (5' to 3')
ACSS2	TGCTTCTTTCCCATCTTCG	GCCCGTGATCCAGTAATAGC
nephrin	GCCTCCTGACCATTGCTAA	TTTCCACTCCAGTCCTACCG
α -SMA	CAGCAAACAGGAATACGACGAA	AACCACGAGTAACAAATCAAAGC
TNF- α	CTCCTCCACTTGGTGGTTTGT	GGTGCCTATGTCTCAGCCTCT
MCP-1	TGCCCTAAGGTCTTCAGCAC	AAGGCATCACAGTCCGAGTC
IL-6	CCTTCCAAAGATGGCTGAAA	AGCTCTGGCTTGTTCCTCAC
TFEB	ACAGTCTCCGTTCCATCACC	GGAGCAGGGAGTCATCTAGG
LAMP1	TGCACACAGGATGGACCTT	TGTGTCATTTGGGCTGATGT
CTSB	TACCTCGCATAGCCAGTGAA	ACTCCCAGAGATCGGCTTG
LC3B	CCTTCCAAAGATGGCTGAAA	AGCTCTGGCTTGTTCCTCAC
raptor	GGCAAGGGCTCTCAGACAT	GGTGCGAATCACAAGACAGA

Table 2. the primer sequences of raptor for ChIP analysis

Gene	Primer pairs (5' to 3')	Primer fragment size(bp)
raptor-1	Forward TTGGGACAAGGTGGAAGCA	146
	Reverse CATTATCCTCCTAGTCTCAGAGCAGT	
raptor-2	Forward TAGACCAGGCTGACCTCCAAC	248
	Reverse GCATTTTCTCAGTCTTAGGTTCTT	
raptor-3	Forward ACTAACAGAGGCTCCCCTAACAC	276
	Reverse AACCAGGGTGCGAGTGAGA	

Table 3. RNA sequences for siRNA interference

siRNA	sense (5' to 3')	antisense (5' to 3')
ACSS2 siRNA	GCCCAUUCUCCAGUAC AATT	UUGUACUGGAGGAAUGGGC TT
Control siRNA	UUCUCCGAACGUGUCAC GUTT	ACGUGACACGUUCGGAGAA TT