

Table SI. Sequences of siRNA and shRNA

Name	Type	Sources	Target sequences (5'→3')
GABP α	siRNA	Ambion	GCTAGAACTTCTTACTGATAA
NRF1	siRNA	Ambion	CCACGTTAGATGAATATACTA
Control	siRNA	Ambion	AGTCGTAAGGCTAAGCTGCTT
PGC1 β	shRNA	MilliporeSigma	CCCTCGAGGAATACCTCAATA
NF κ B-p65	shRNA	MilliporeSigma	GCCTTAATAGTAGGGTAAGTT
LMP1	shRNA	MilliporeSigma	GCTACTGTTCTGGCTGTAT
Control	shRNA	MilliporeSigma	CAGTATCCGATTAGCCAGTTG

si-, small interfering; sh-, short hairpin.

Table SII. Sequences of primers for reverse transcription-quantitative PCR.

Gene	Species	Analysis	Primer sequence (5'→3')
LMP1	EBV	mRNA	F: ccttctcctagccatcatcc
			R: ggtgttcatcagtgtgtcgtg
β-actin	Human	Genome	F: t g tagcctgtacatcctccca
			R: ggtctgcagttgtacctgga
BMRF1	EBV	Genome	F: gg t tttacaggtctggcatca
			R: acccggggacttttatcttct
β-actin	Human	mRNA	F: gatgcagaaggagatcactgc
			R: atactcctgcttgcctgatcca
PGC1β	Human	mRNA	F: gacgctctatcatgcacctca
			R: tgatgttggtaggatgtggc
NFκB-p65	Human	mRNA	F: atcccatctttgacaatcgtg
			R: gtcccgtgaatacacctcaa
GABPα	Human	mRNA	F: tttcttgggttgatgaag
			R: tacaatcatgtcccacgt
NRF1	Human	mRNA	F: cgaggacacctcttacgatga
			R: tcaatacatgaggccgttc
DRP1	Human	mRNA	F: agacaaggttgcctctggagg
			R: t g tggactggctggcataatt
OPA1	Human	mRNA	F: aggaaagctcttccaatgaa
			R: tgccttagcatgcttgtctt
MFN2	Human	mRNA	F: atcaatggcattttgagcag
			R: actgatgcctctcactttgga
PGC1β	Human	ChIP	F: cagaagaagcaggtgtctcg
			R: cctcagcaaggggtaaagc
DRP1	Human	ChIP	F: aatttacggccttctctctgc
			R: gttgtagttctggagcggagg