

**SUPPLEMENTARY TABLE 5. Primer sequences.**

Forward (F) and reverse (R) primer sequences are given for primers used in qRT-PCR and qPCR.

<b>Sequence Name</b>	<b>Sequence</b>
Mef2b F	GAT TGG GCA CCT CAA GAA GC
Mef2b R	CTC CTT GCA CAG ACT GCG G
NRF1 F	GGA CAT CCT CAA CTC CAC GG
NRF1 R	GGC TCT GAG TTT CCG AAG CA
PPAR $\gamma$ F	GAC GGG CTG AGG AGA AGT CA
PPAR $\gamma$ R	CCA TGG TAA TTT CAG TAA AGG G
PGC1 $\alpha$ F	AGT GAC ATA GAG TGT GCT GCT C
PGC1 $\alpha$ R	CGC AGG CTC ATT GTT GTA CTG
nucleosome mapping F	CAG GGG ATC TTT GCT ATT TGC C
nucleosome mapping R	CTT CAA GCA TCA CAC TGT GAC