

## SUPPLEMENTARY MATERIALS

### Primer sequences

Atp5b F:5'-GGGTCAGTCAGGTCATCAGC-3'; R: 5'-CACAATGCAGGAAAGGATCA-3';  
Sca10 F: 5'-CATCTCATCCGTCTGATTGG-3'; R: 5'-GCTGTCCAGGATCAGAGGAA-3';  
Sosc2 F: 5'-CGCGAGCTCAGTCAAACAG-3'; R:5'-AAGAAAGTTCCTTCTGGAGCC-3';  
Nell2 F: 5'-GATGGCTGTAGAAACGGAGG-3'; R: 5'-CCCTCAGAGCACTCGTCAAT-3';  
Peg10 F: 5'-CAGAACGAATAAGGTCCCCA-3'; R: 5'-CATAGCTCGGACAAACAGGG-3';  
 $\beta$ -actin F:5'-AGCTTCTTTGCAGCTCCTTCGTTG-3'; R: 5'-TTCTGACCCATTCCCACCATCACA-3';  
GAPDH F: 5'-AACTTTGGCATTGTGGAAGG-3'; R: 5'-ACACATTGGGGGTAGGAACA-3';  
ICAM-1 F:5'-GCCTCCGGACTTTCGATCTT-3'; R: 5'-GTCAGGGGTGTCGAGCTTTG-3';  
P-Selectin F: 5'-CCCTGGCAACAGCCTTCAG-3'; R: 5'-GGTCCTCAAATCGTCATCC-3';  
Tnf $\alpha$  F: 5'-AGGGTCTGGGCCATAGAACT-3'; R: 5'-CCACCACGCTCTTCTGTCTAC-3';  
VCAM F: 5'-AGTTGGGGATTTCGGTTGTTCT-3'; R: 5'-CCCCTATTCCTTACCACCC-3';  
Acox1 F: 5'-CCTGATTCAGCAAGGTAGGG-3'; R: 5'-TCGCAGACCCTGAAGAAATC-3';  
Cd36 F: 5'-GAGCAACTGGTGGATGGTTT-3'; R: 5'-GCAGAATCAAGGGAGAGCAC-3';  
Cpt1c F:5'-CAAACCTTCCCACCAGTCG-3'; R: 5'-GCAAATGACTTCCTGAGGTTG-3';  
Lcad F:5'-TCTTTTCTCGGAGCATGACA-3' R: 5'-GACCTCTCTACTCACTTCTCCAG-3';  
Vlead F:5'-CTACTGTGCTTCAGGGACACC-3'; R: 5'-CAAAGGACTTCGATTCTGCCC-3';  
Ppara F: 5'-TGTTTGTGGCTGCTATAATTTGC-3'; R: 5'-GCAACTTCTCAATGTAGCCTATGTTT-3';  
Hmgs1 F:5'-AACTGGTGCAGAAATCTCTAGC-3'; R: 5'-GGTTGAATAGCTCAGAACTAGCC-3';  
Hmgs2 F:5'-GAAGAGAGCGATGCAGGAAAC-3'; R: 5'-GTCCACATATTGGGCTGGAAA-3';