

**Supplementary Table 2.** Quantitative PCR primer sequences

Gene Symbol	Forward	Reverse
$\beta$ -actin	TATAAAACCCGGCGGCGCA	TCATCCATGGCGAACTGGTG
ACAD	TGGAAGCCACACGGTTGCTAAC	CATCCACTCGATGCACTTGCTTG
BCKDH	ATGGCTATGCCATCTCCACACC	CAAACACATCGTTGCCGTCCAC