

Table S1 Primers used for experimental validation by qRT-PCR analysis

Gene name ¹	Accession number	Primer		Size(bp)
		Direction	Sequence (5' to 3')	
MMP16	XM_001926617.6	F	CAGAAAGTGGCAGCACAAAC	241
		R	ATCCTCCCTCTCCATCAAA	
SCD	XM_021072070	F	TGCTGATCCCCACAATTCCC	352
		R	CTCCCGGGGGCTAATAGTCT	
Elov15	XM_021098832	F	TGTGAGTTGTGCCCAATGCT	166
		R	CTGATGGAAGAGGTCCTACGG	
FABP4	NM_001002817	F	GACAGGAAAGTCAAGAGCACC	228
		R	CGGGACAATACATCCAACAGAGT	
TLR3	NM_001097444.1	F	ACAAAACCAGCAACACGAC	187
		R	TTGGAAAGCCCATAAAGAG	
PPAR γ	NM_214379.1	F	TTATTGACCCAGAAAGCG	88
		R	AGGATTTTCATACCGCAGG	
THBS4	XM_021084490.1	F	TTGTGACGAGGATGCTGAT	259
		R	GTCTTGCTGGTTACGATTG	
β -actin	XM_003124280	F	GATCGTGCGGGACATCAA	180
		R	AGGAAGGAGGGCTGGAAGAG	

¹MMP16, matrix metalloproteinase 16; SCD, stearoyl-CoA desaturase; Elov15, fatty acid elongase-5; FABP4, fatty acid-binding protein 4; TLR3, toll like receptor 3; PPAR γ , peroxisome proliferator-activated receptor gamma; THBS4, thrombospondin-4.