

### Table 3. Primers used in this study

Primer name	Sequence (5'-3')	Product size, bp
Primers for cDNA cloning of mLPCAT3, mLPCAT4, and mLPEAT1		
mLPCAT3-1stPCR-F	AATTGGGGGTGAAGCCAC	
mLPCAT3-1stPCR-R	AGGAGTGCTGTGAGAAGGGA	1,617
mLPCAT4-1stPCR-F	TAGAACGTAGCTCGGCACAG	
mLPCAT4-1stPCR-R	AGGCCTCAAGACTGGCTTCT	1,637
mLPEAT1-1stPCR-F	CGACAGAGCACCTGAAGAT	
mLPEAT1-1stPCR-R	GTCCCGCAACTCTCTGTTC	1,542
FLAG-mLPCAT3-2ndPCR-F	CTAGCTAGCCACCATTGGATTACAAGGATGACGATGACAAGGCGTCTACAGCGGACGGGG	
FLAG-mLPCAT3-2ndPCR-R	CCGCTCGAGTCAITCCCTCTTTTTTAACTTTTCTTTTCTTGGC	1,529
FLAG-mLPCAT4-2ndPCR-F	CTAGCTAGCCACCATTGGATTACAAGGATGACGATGACAAGGCCACCACCAGCACCACGGGC	
FLAGmLPCAT4-2ndPCR-R	CCGCTCGAGTCACTGTGTTAGTGACGAGTGTCTGGAGCC	1,621
FLAG-mLPEAT1-2ndPCR-F	CTAGCTAGCCACCATTGGATTACAAGGATGACGATGACAAGGCAGCACGGCCGCCAGCC	
FLAG-mLPEAT1-2ndPCR-R	CCGCTCGAGTCACTGTGCCTTCTTCTTTACAGAATTTGGACTCCG	1,546
Primers for quantitative RT-PCR		
mLPCAT3-QPCR-F	TCAGGATACCTGATTGCTTCCA	
mLPCAT3-QPCR-R	GGATGGTCTGTGCACCAAGTAG	151
mLPCAT4-QPCR-F	TTCGGTTTCAGAGGATACGACAA	
mLPCAT4-QPCR-R	AATGTCTGGATTGTCGGACTGAA	188
mLPEAT1-QPCR-F	CTGAAATGTGTGTGCTATGAGCG	
mLPEAT1-QPCR-R	TGGAAGAGAGGAAGTGGTGTCTG	178
mβ-actin-QPCR-F	GCTGTGCTATGTTGCTCTAGACTT	
mβ-actin-QPCR-R	AATTGAATGTAGTTTCATGGATGC	174