

LPS-induced reduction of triglyceride synthesis and secretion in dairy cow mammary epithelial cells via decreased SREBP1 expression and activity

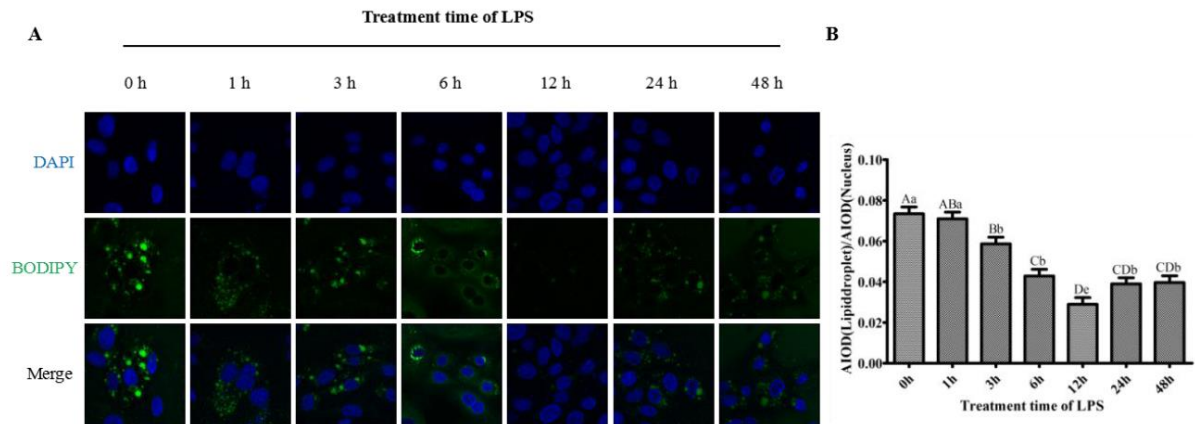
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SUPPLEMENTARY FILE

Supplementary Table S1. Primers for qRT-PCR

Gene	Primer sequence (F)	Primer sequence (R)	GenBank Accession No.	Length (bp)
SREBP1	5'-GACACCACCAGCATCAACC	3'-AAGGAGAAGAGCACCAGCAG	NM_001113302.1	134
ACC1	5'-AACGCAGGCATCAGAAGATT	3'-CGCACTCACATAACCAACCA	NM_174224.2	119
FAS	5'-GTGGGCTTGGTGAAGTGTCT	3'-AGGACTTCGGGTCTGTCTCA	NM_001012669.1	112
GAPDH	5'-GGCATCGTGGAGGGACTTATG	3'-GCCAGTGAGCTTCCCGTTGAG	NM_001034034.2	185

Supplementary Figure S1. BODIPY 493/503 staining of lipid droplets



(A) BODIPY 493/503 staining of lipid droplets. Lipid droplets (green) and DAPI staining (blue). (B) Integral OD analysis of lipid droplets.

Note: The data with different capital letters between two groups showed very significant differences ($P < 0.01$); data with different lower-case letters between two groups showed significant differences ($P < 0.05$); data with the same letters between two groups showed no significant differences ($P > 0.05$).