

## Liver X receptor $\alpha$ participates in LPS-induced reduction of triglyceride synthesis in bovine mammary epithelial cells

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### SUPPLEMENTARY FILE

**Table S1 List of primary and secondary antibodies used in immunofluorescence and Western blotting.**

	Antibody Name	Product Number	Dilution
CK-18	P: mouse anti-CK-18 monoclonal antibody	Abcam (ab-668)	1:1000
	S: Alexa fluor 488-labeled goat anti-mouse IgG	Abcam (ab-150117)	1:500
$\beta$ -casein	P: rabbit anti- $\beta$ -casein polyclonal antibody	Bioss(bs-0813R)	1:1000
	S: HRP-labeled goat anti-rabbit IgG	Bioss(bs-0295G)	1:500
$\beta$ -actin	P: rabbit anti- $\beta$ -actin polyclonal antibody	Bioss(bs-10966R)	1:2000
	S: HRP-labeled goat anti-rabbit IgG	Bioss(bs-0295G)	1:500
	P: goat anti-LXR $\alpha$ +LXR $\beta$ polyclonal antibody	Abcam (ab-24362)	1:1000
LXR $\alpha$	S1: Cy3-labeled donkey anti-goat IgG for IF	Abcam (ab-6949)	1:500
	S2: HRP-labeled donkey anti-goat IgG for WB	Abcam (ab-6885)	1:500

Note:P=primary antibody; S=secondary antibody; IF=immunofluorescence; WB=Western blotting

**Table S2 Primer sequences used in the study.**

Gene Name	Sequence	GenBank Accession No.	Length (bp)
<i>LXR<math>\alpha</math></i>	F: CTCAGACCAGCTTCGAGTCA	NM_001014861.1	126
	R: AAATCCACGATCTCCTGCAC		
<i>SREBP1</i>	F: GACACCACCAGCATCAACC	NM_001113302.1	134
	R: AAGGAGAAGAGCACCAGCAG		
<i>ACCI</i>	F: AACGCAGGCATCAGAAGATT	NM_174224.2	119
	R: CGCACTCACATAACCAACCA		
<i>FAS</i>	F: GTGGGCTTGGTGAAGTGTCT	NM_001012669.1	112
	R: AGGACTTCGGGTCTGTCTCA		
<i>CD36</i>	F: CCATCCTTTGCTTTTGCATC	NM_174010.3	115
	R: TGCATTTGCCAATGTCTAGC		
<i>GAPDH</i>	F: GGCATCGTGGAGGGACTTATG	NM_001034034.2	171
	R: GCCAGTGAGCTTCCCGTTGAG		