SUPPORTING INFORMATION

Milk fat globule membranes ameliorate diet-induced obesity in mice by

modulating glucolipid metabolism, body inflammation, and oxidative stress

Haowen Ji a, b, Xiaojun Zhu a, b, Jiaxin Qiu a, b, Shouwen Zhang c, Jiajun Li d, Lu Liu a, b,

*, Xiaodong Li a, b, *, Muhammad Muneeb a, b

^a Food College, Northeast Agricultural University, No.600 Changiang St., Xiangfang

Dist, 150030, Harbin, China

^b Key Laboratory of Dairy Science, Ministry of Education, Northeast Agricultural

University, No. 600 Changjiang St., Xiangfang Dist, 150030, Harbin, China

^c Postdoctoral research station of Heilongiiang Yaolan Dairy Technology stock

Company Ltd, 150010, Harbin, China

d Heilongiiang Yaolan Dairy Technology stock Company Ltd, 150010, Harbin, China

*Corresponding author:

Lu Liu

E-mail: liulu89824@163.com

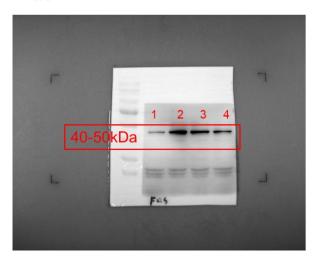
E-mail: hrblxd@163.com

Xiaodong Li

Raw images of western blot in Figure 4

Number	1	2	3	4
Group	LFD	HFD	MFGM ₁	MFGM ₂

Fas



β-Actin



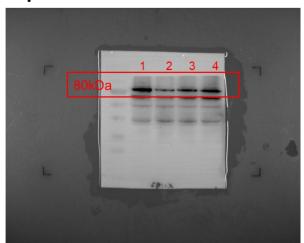
Scd1



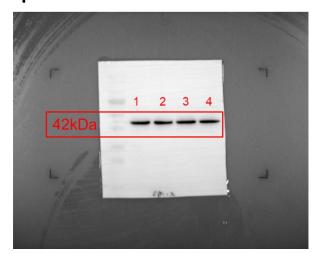
β-Actin



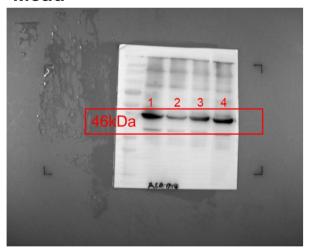
Cpt-1α



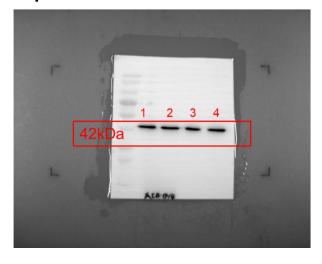
β-Actin



Mcad



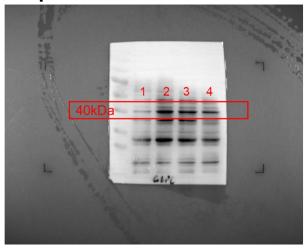
β-Actin



Raw images of western blot in Figure 5

Number	1	2	3	4
Group	LFD	HFD	MFGM ₁	MFGM ₂

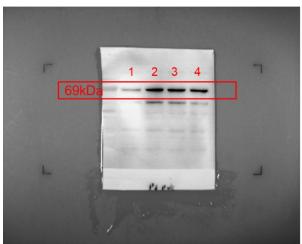
G6pase



β-Actin



PEPCK



β-Actin



Raw images of western blot in Figure 8

Number	1	2	3	4
Group	LFD	HFD	MFGM ₁	MFGM ₂

IL-6



β-Actin



TNF-α



β-Actin

