

Supplementary Materials for

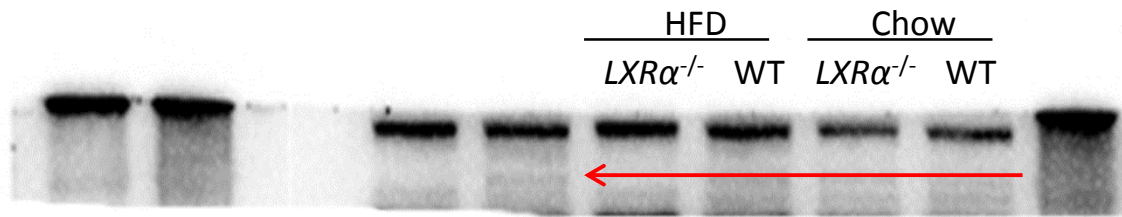
Restoration of lipid homeostasis between TG and PE by the LXR α -ATGL/EPT1 axis ameliorates obesity

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Tanwei Gu¹, Ping Yu¹, Weimin Liang¹, Xi Zhang¹, Shuwen
Liu¹, Huichang Bi¹, Shilong Zhong^{1 2*} and Lan Tang^{1*}*

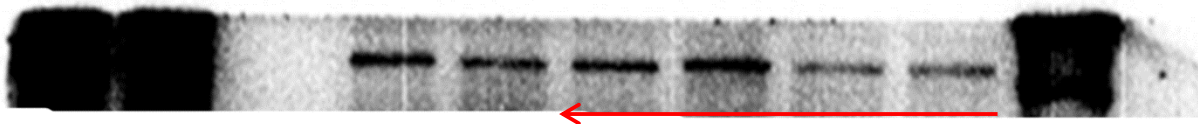
*Corresponding Author Address: NMPA Key Laboratory for Research and Evaluation of Drug Metabolism, Guangdong Provincial Key Laboratory of New Drug Screening, School of Pharmaceutical Sciences, Southern Medical University, Guangzhou 510515, China. Tel. /fax: +86 20-61648596. Email: Email: Lan Tang, tl405@smu.edu.cn; Shilong Zhong, zhongsl@hotmail.com.

Full unedited gel for Figure 2:

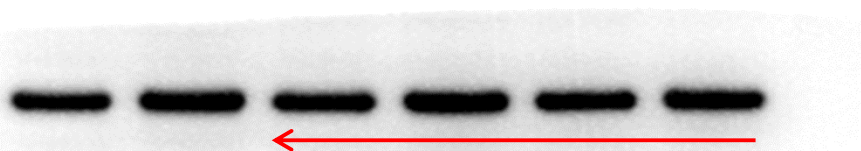
p-p65 antibody (1:1000 dilution, 65kDa,3033T, CST, USA)



p65 antibody (1:1000 dilution, 65kDa,8242T, CST, USA)

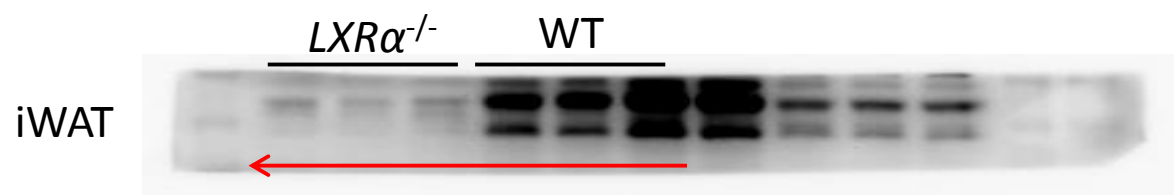
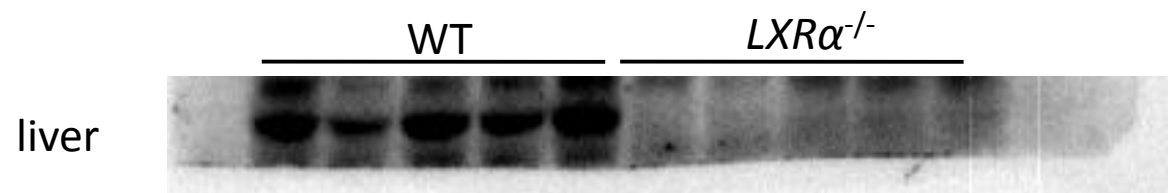


GAPDH antibody (1:3000 dilution, ab8345, Abcam, USA)

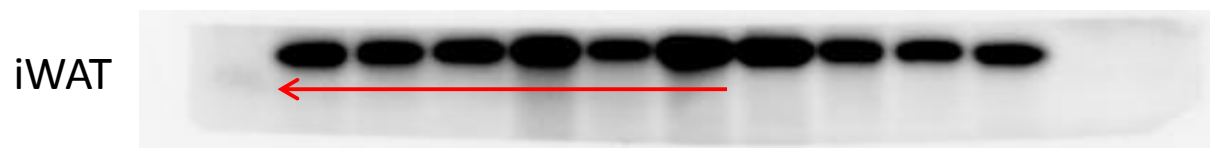
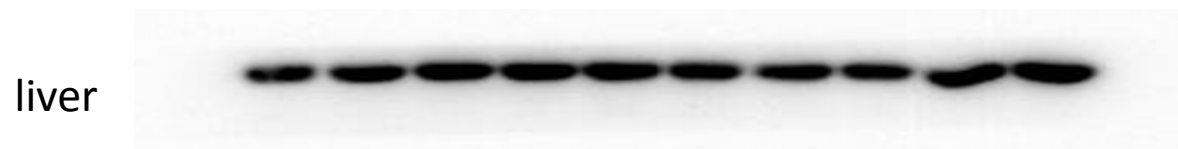


Full unedited gel for Figure S2:

LXR α antibody (1:500 dilution, ab41902, Abcam, USA)

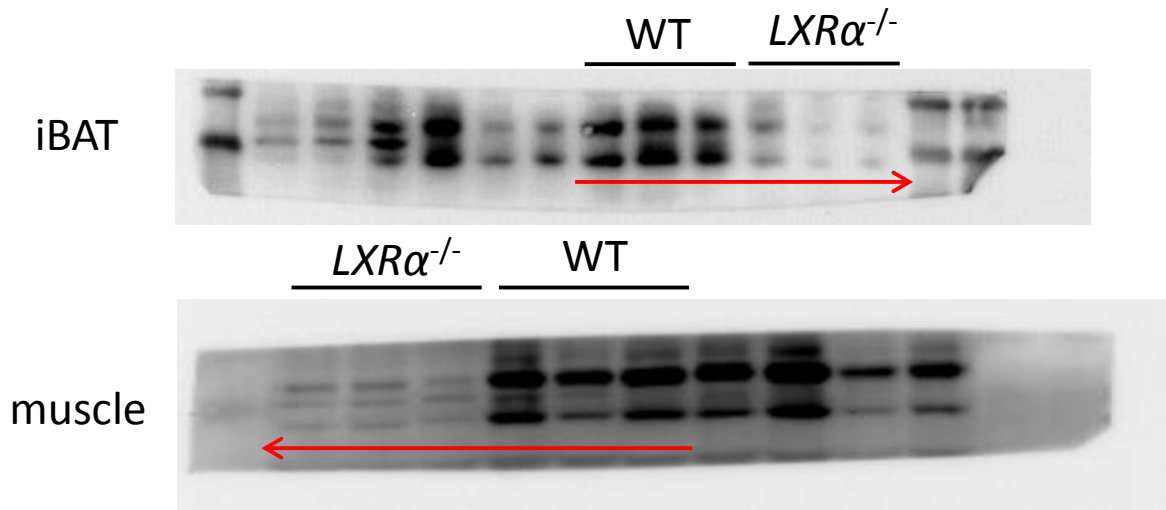


GAPDH antibody (1:3000 dilution, ab8345)

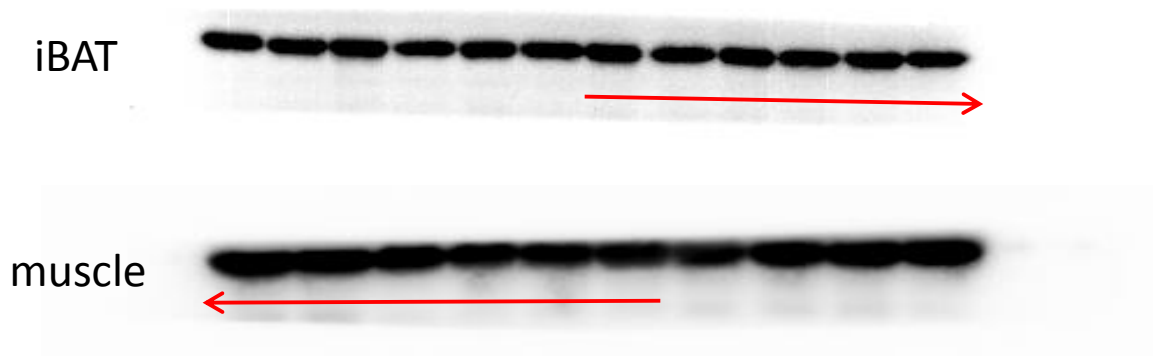


Full unedited gel for Figure S2:

LXR α antibody (1:500 dilution, ab41902, Abcam, USA)

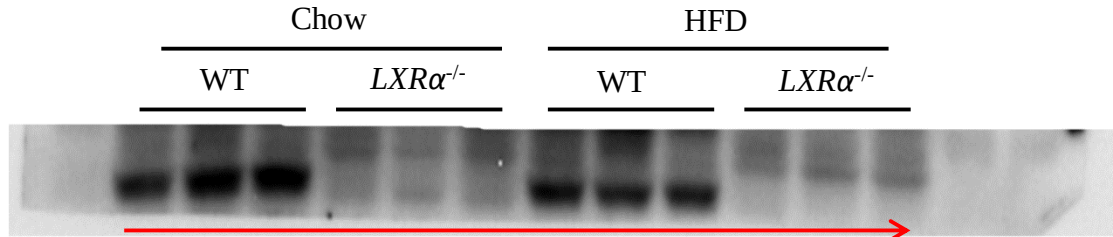


GAPDH antibody (1:3000 dilution, ab8345)

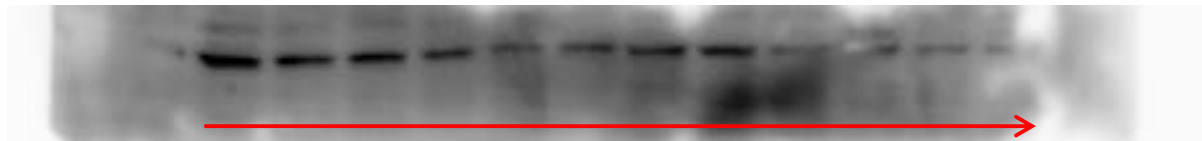


Full unedited gel for Figure 4:

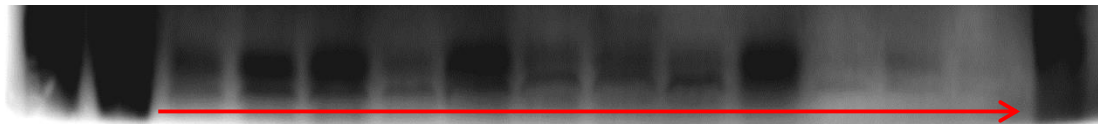
LXR α antibody (1:500 dilution, ab41902, Abcam, USA)



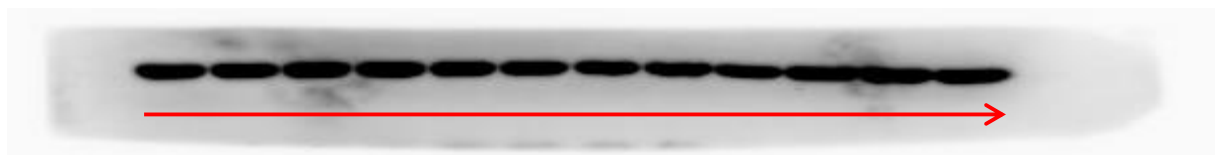
ATGL antibody (1:500 dilution, DF7756, Affinity, China)



EPT1 antibody (1:250 dilution, ab194554)

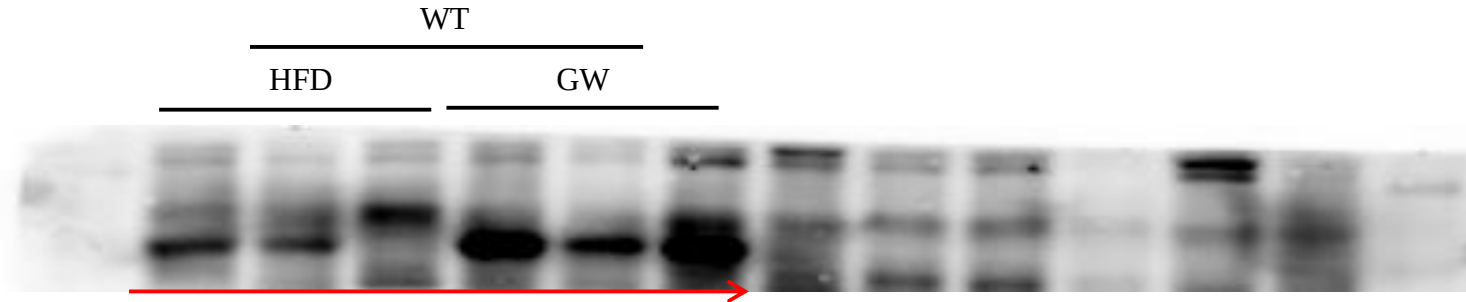


GAPDH antibody (1:3000 dilution, ab8345)

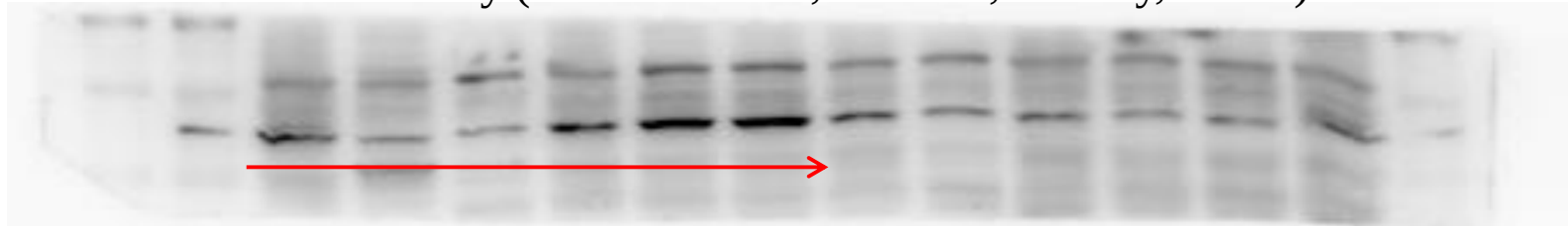


Full unedited gel for Figure 5:

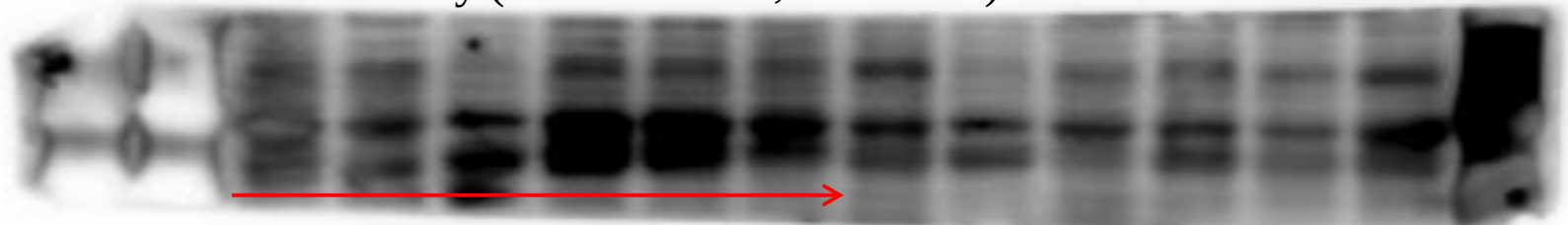
LXR α antibody (1:500 dilution, ab41902, Abcam, USA)



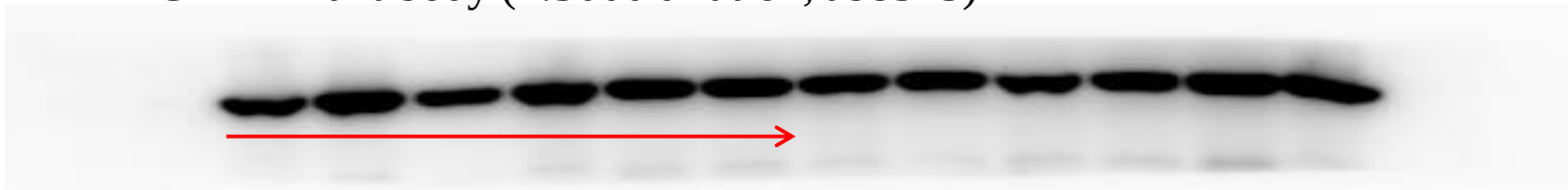
ATGL antibody (1:500 dilution, DF7756, Affinity, China)



EPT1 antibody (1:250 dilution, ab194554)

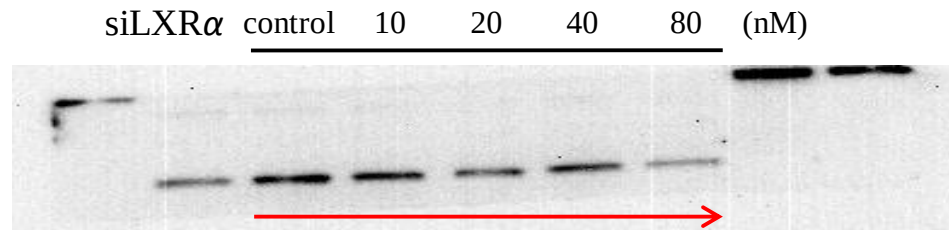


GAPDH antibody (1:3000 dilution, ab8345)

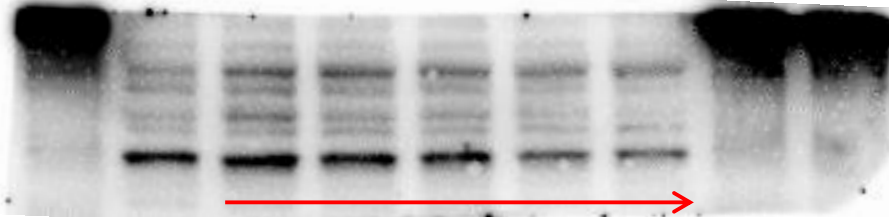


Full unedited gel for Figure 6B:

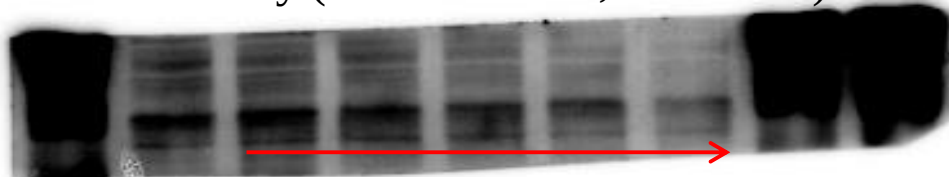
LXR α antibody (1:500 dilution, ab176323, Abcam, USA)



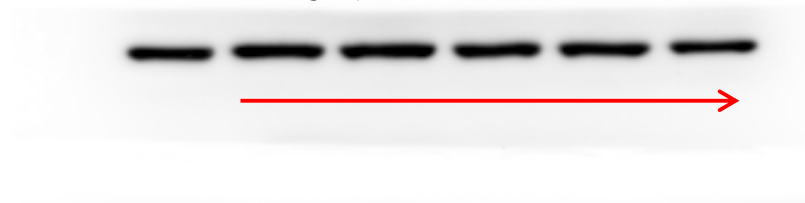
ATGL antibody (1:500 dilution, DF7756, Affinity, China)



EPT1 antibody (1:250 dilution, ab194554)



GAPDH antibody (1:3000 dilution, ab8345)

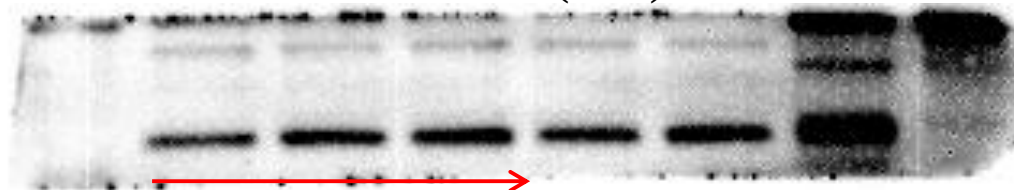


Full unedited gel for Figure 6D:

LXR α antibody (1:500 dilution, ab176323, Abcam, USA)

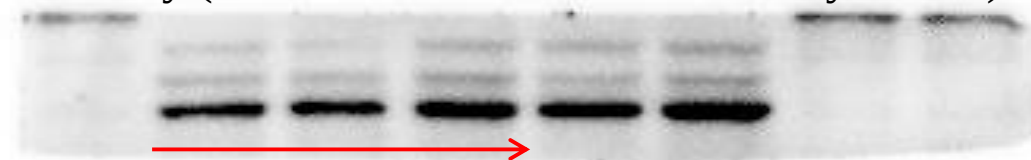
GW 0 2.5 5 (mM)

LXR α



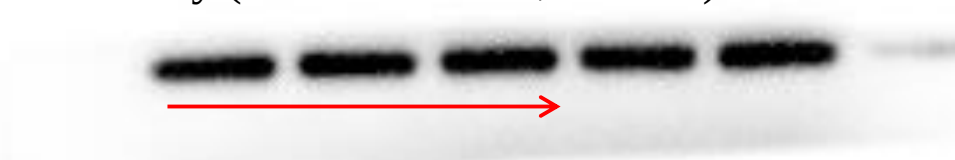
ATGL antibody (1:500 dilution, DF7756, Affinity, China)

ATGL



GAPDH antibody (1:3000 dilution, ab8345)

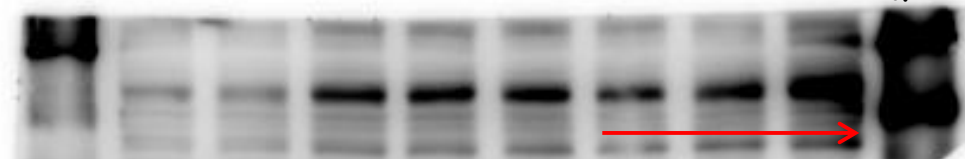
GAPDH



EPT1 antibody (1:250 dilution, ab194554)

GW 0 2.5 5 (μ M)

EPT1



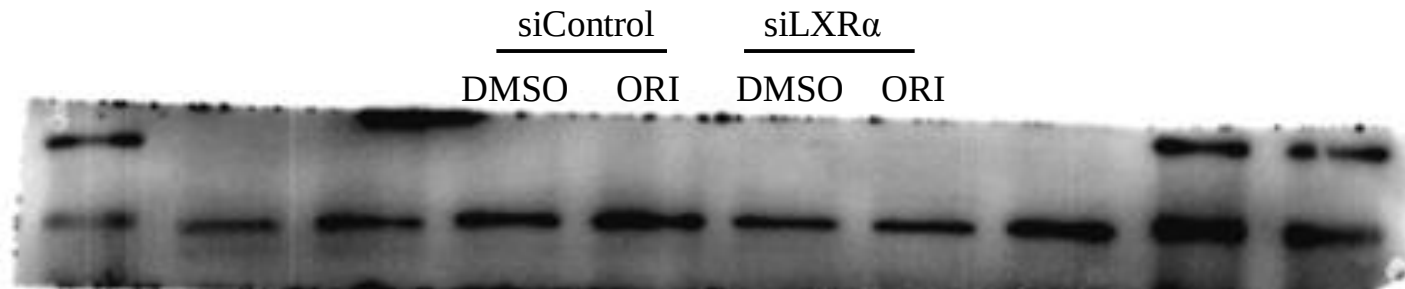
GAPDH antibody (1:3000 dilution, ab8345)

GAPDH



Full unedited gel for Figure 8:

LXR α antibody (1:500 dilution, ab176323, Abcam, USA)

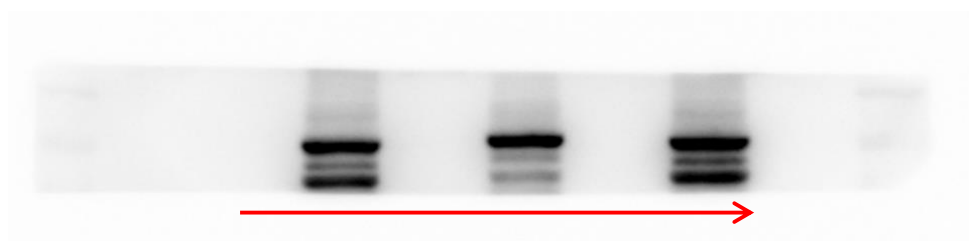


GAPDH antibody (1:3000 dilution, ab8345)



Full unedited gel for Figure S10:

LXR α antibody (1:500 dilution, ab41902, Abcam, USA)



GAPDH antibody (1:3000 dilution, ab8345)

