

Figure 2f

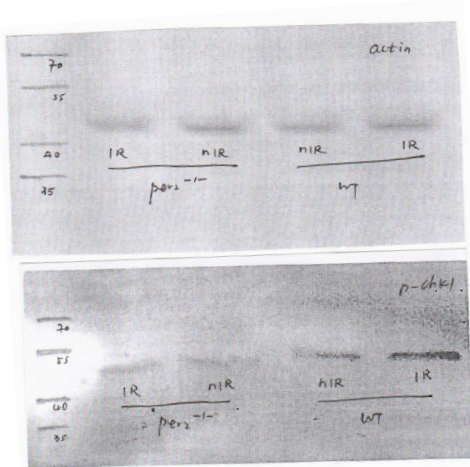


Figure 2g

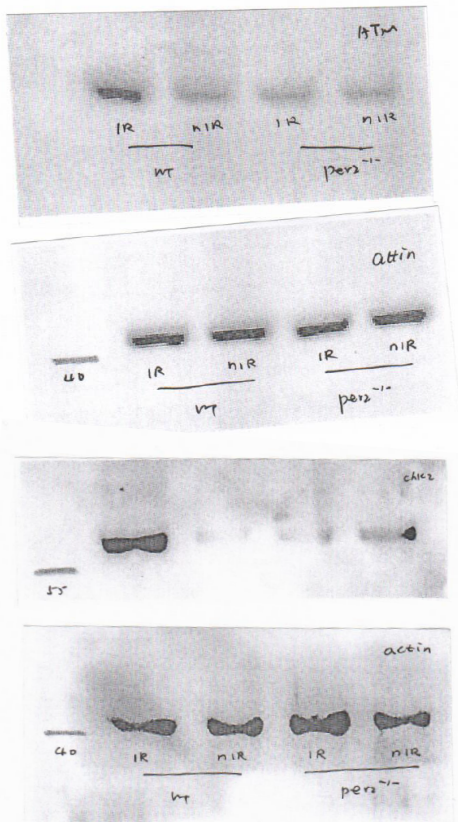


Figure 2h

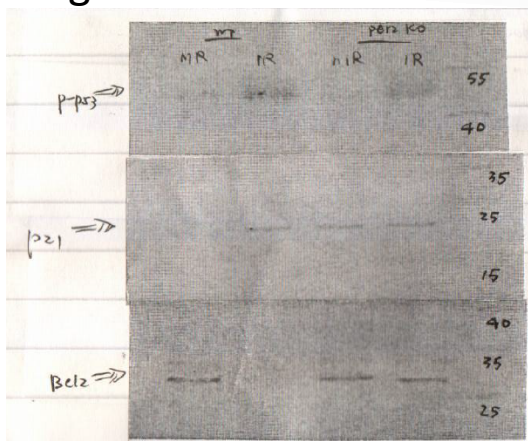


Figure 3b

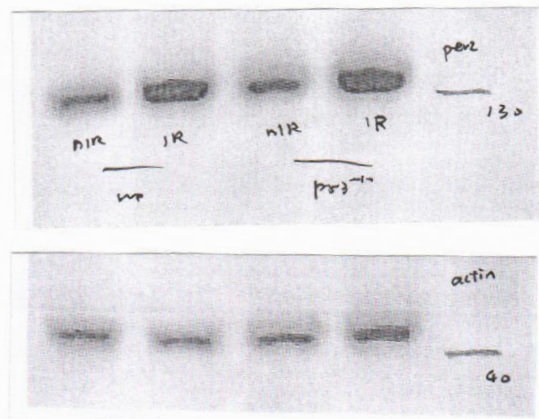


Figure 3c

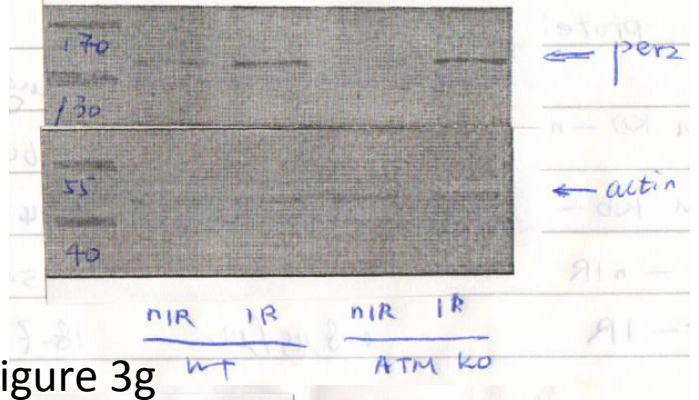
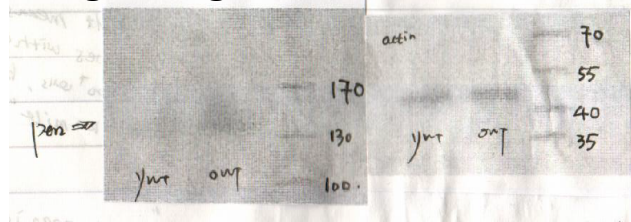
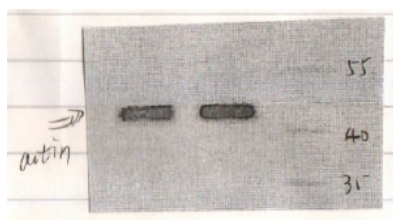
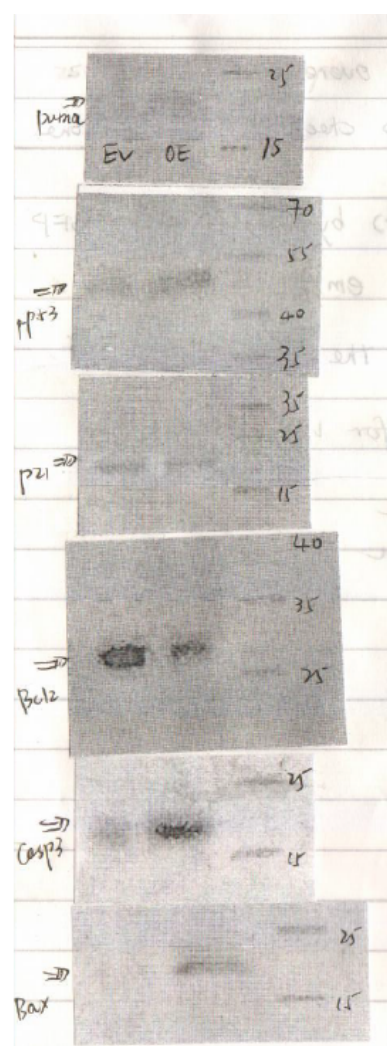


Figure 3g



	OE	EV
par		170
		130
		100
		55
actin		40
	OE	EV
		35



Western blot analysis showing protein levels of Per2 and Actin. The top panel shows Per2 levels, with a molecular weight marker at 130 kDa. The bottom panel shows Actin levels, with a molecular weight marker at 40 kDa. Both panels compare wt and Batf^{-/-} mice under NIR and IR conditions. Per2 levels are significantly increased in wt mice under IR conditions compared to NIR, and this increase is partially suppressed in Batf^{-/-} mice. Actin levels are consistent across all conditions, serving as a loading control.

Botf

1S n1R 1R n1R 1R

WT per⁻¹⁻

actin

5S 4D n1R 1R n1R 1R

WT per⁻¹⁻

Western blot analysis of Per2 and Actin protein levels. The top panel shows Per2 protein levels with a molecular weight marker at 130 kDa. The bottom panel shows Actin protein levels with molecular weight markers at 55 kDa and 40 kDa. The lanes are labeled EV, shRNA1, shRNA2, and OE. Per2 levels are significantly reduced in the shRNA1 and shRNA2 lanes compared to the EV and OE lanes. Actin levels are consistent across all lanes, serving as a loading control.