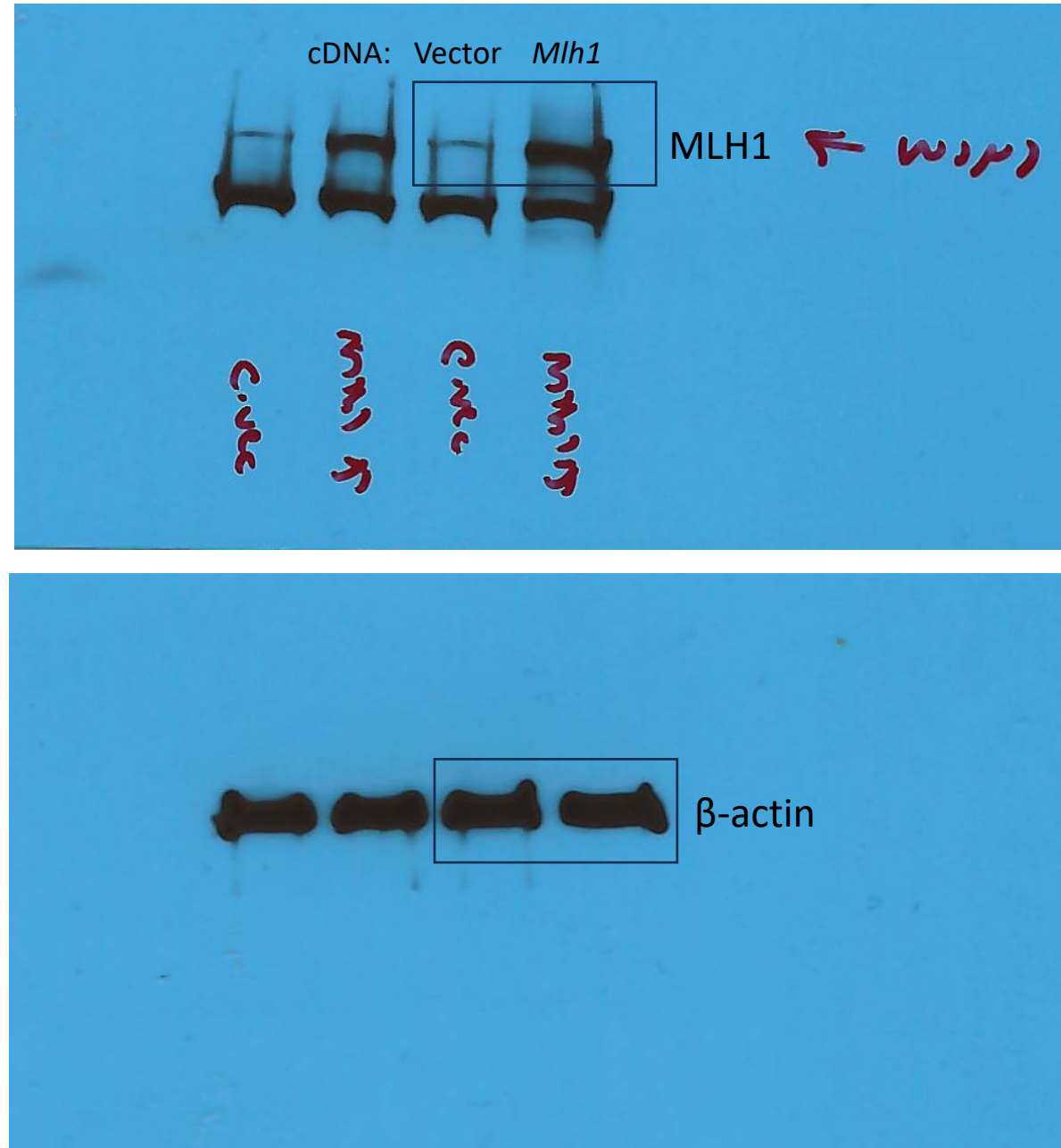


Full unedited blot Figure 1F

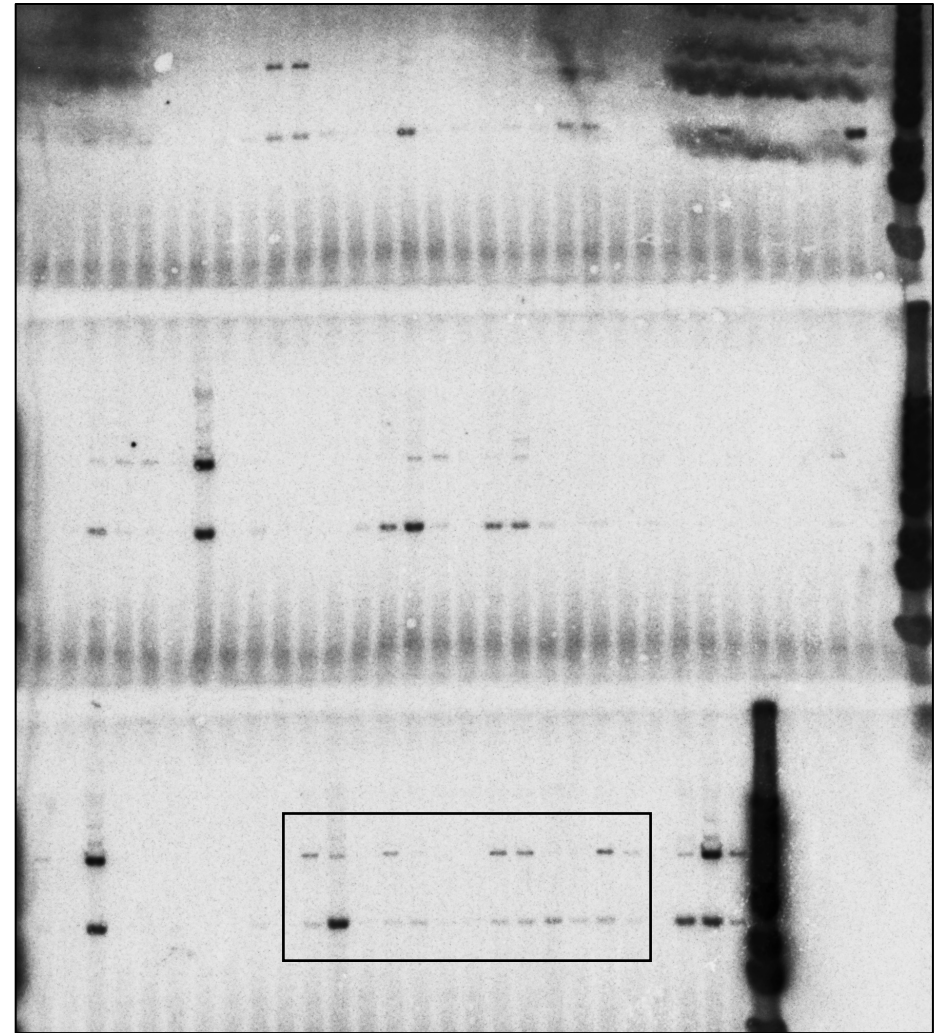


Full unedited blot Figure 1G

cDNA: Vector

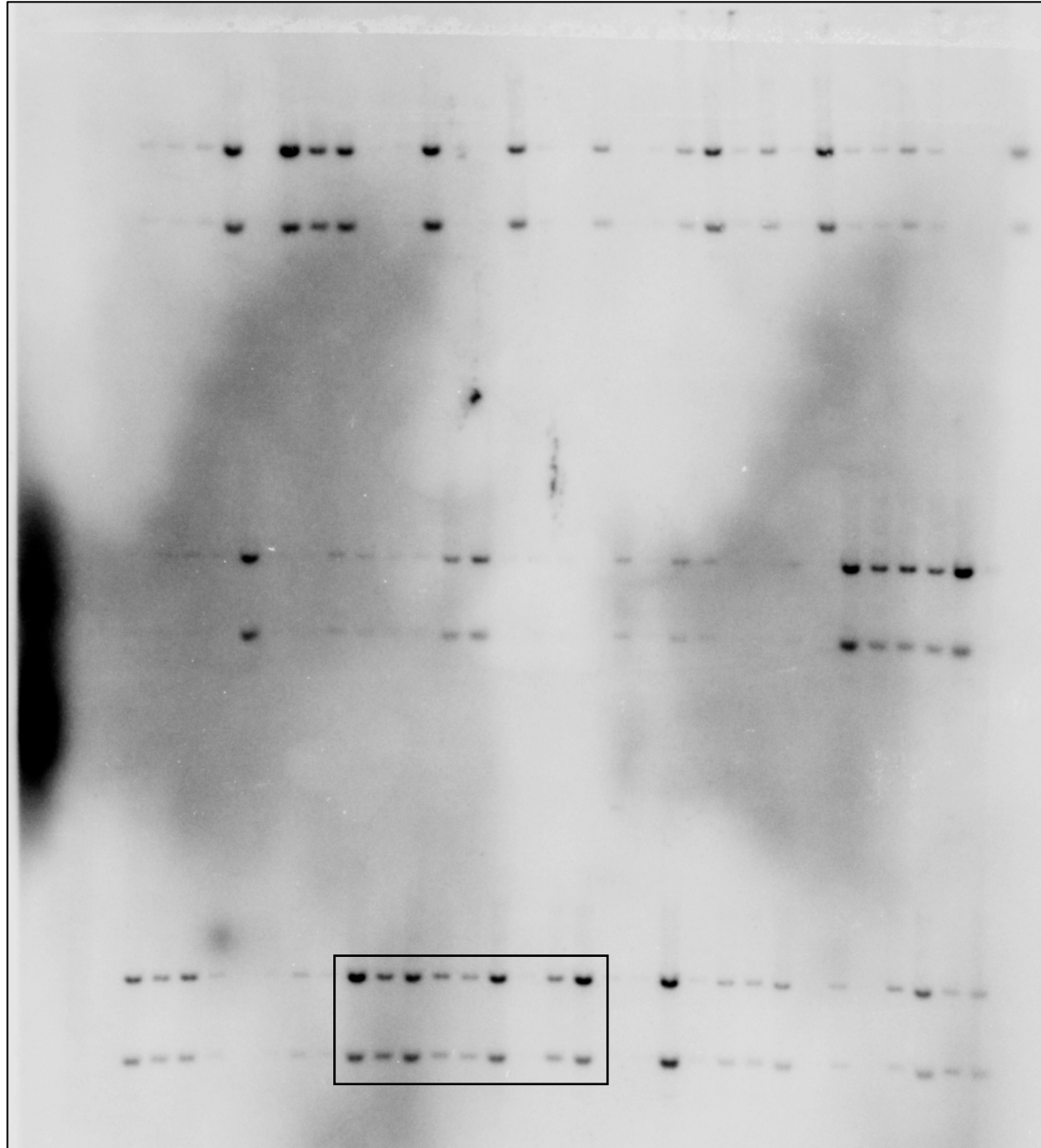


cDNA: *Mlh1*



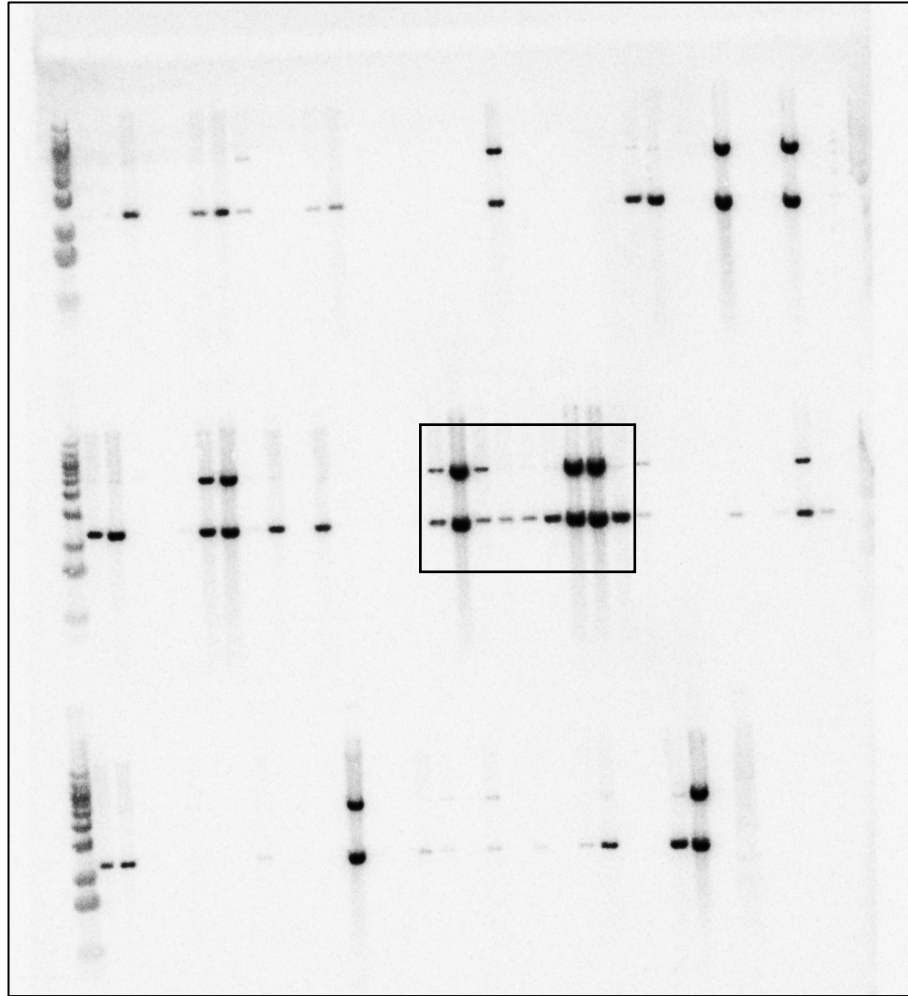
Full unedited blot for Supplemental Figure 1A

DMSO

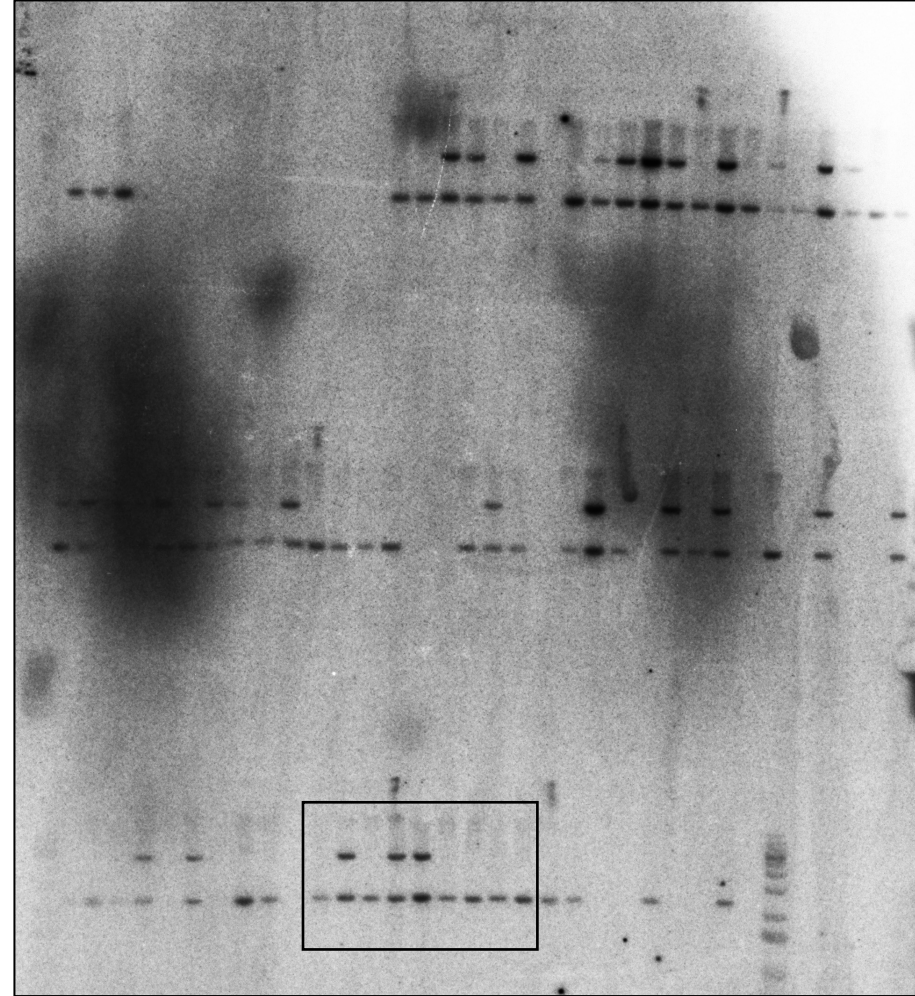


Full unedited blot for Supplemental Figure 1A

Mirin#1

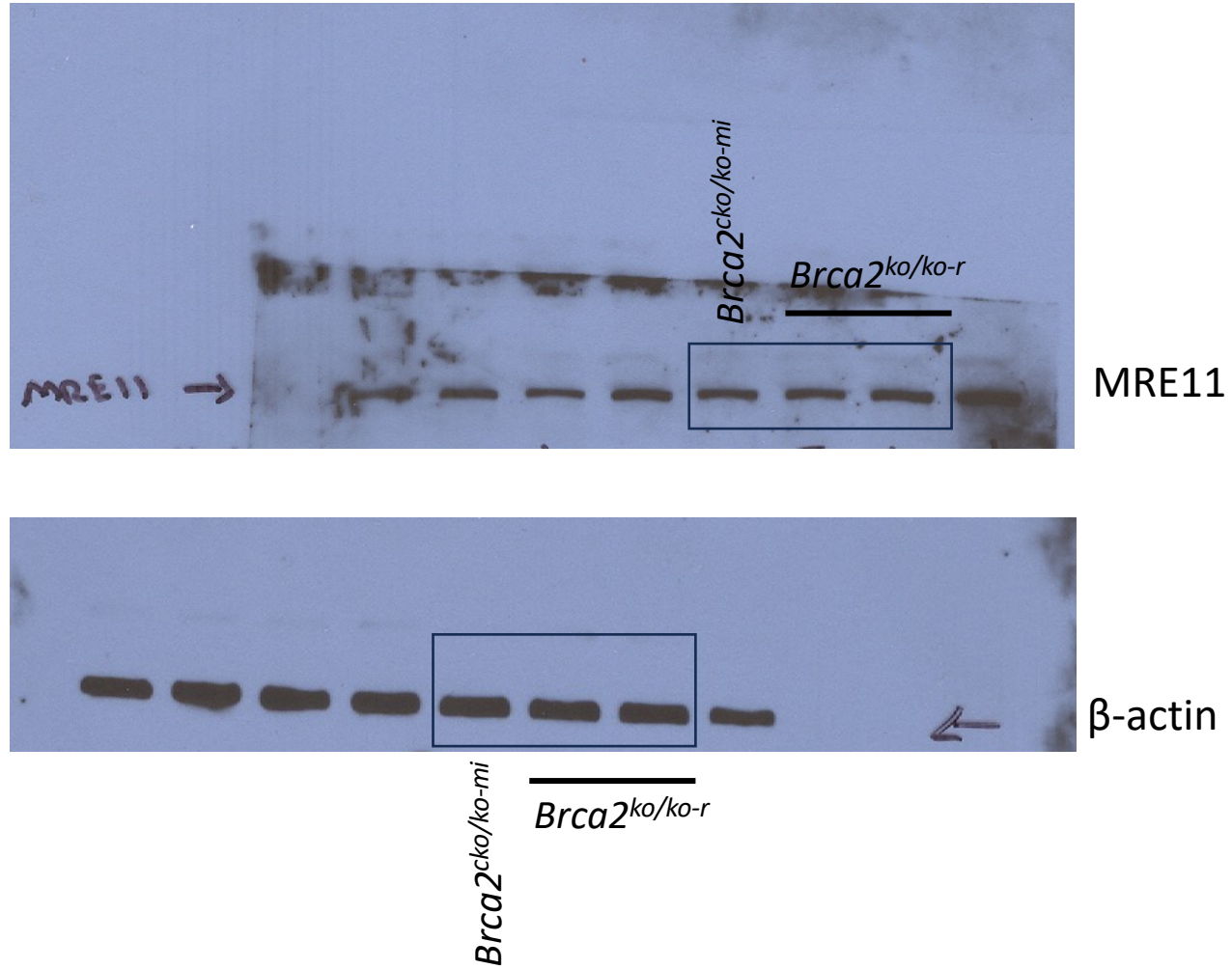


Mirin#2

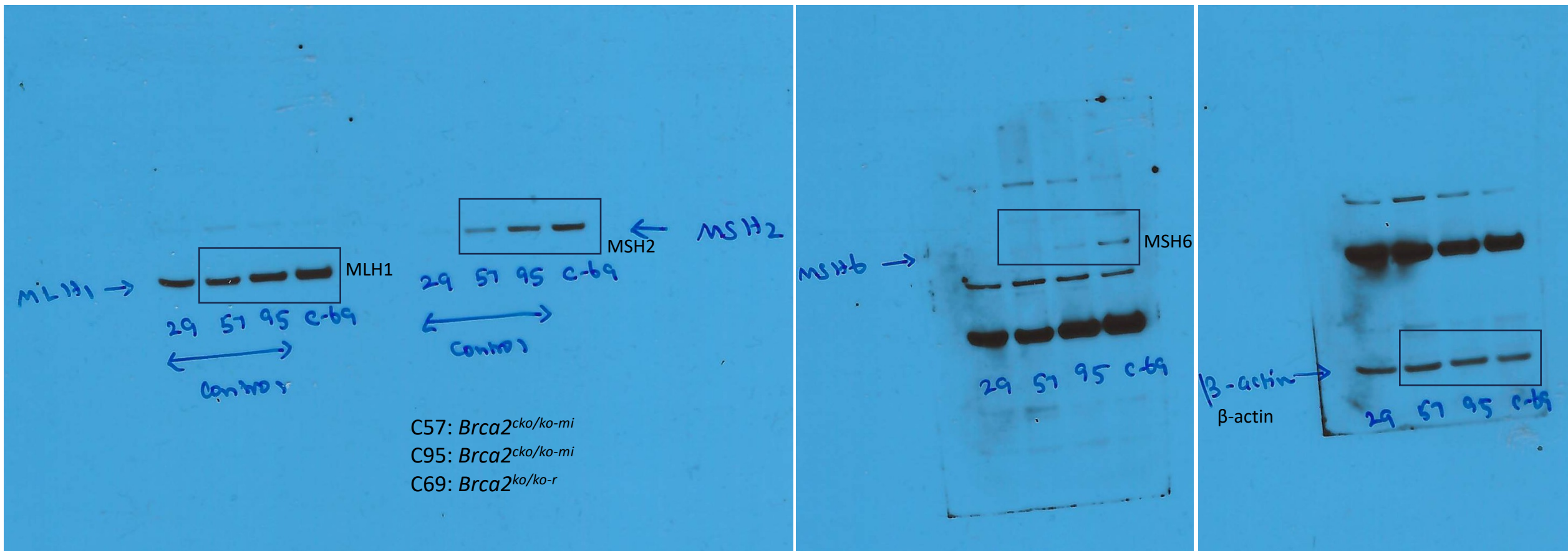




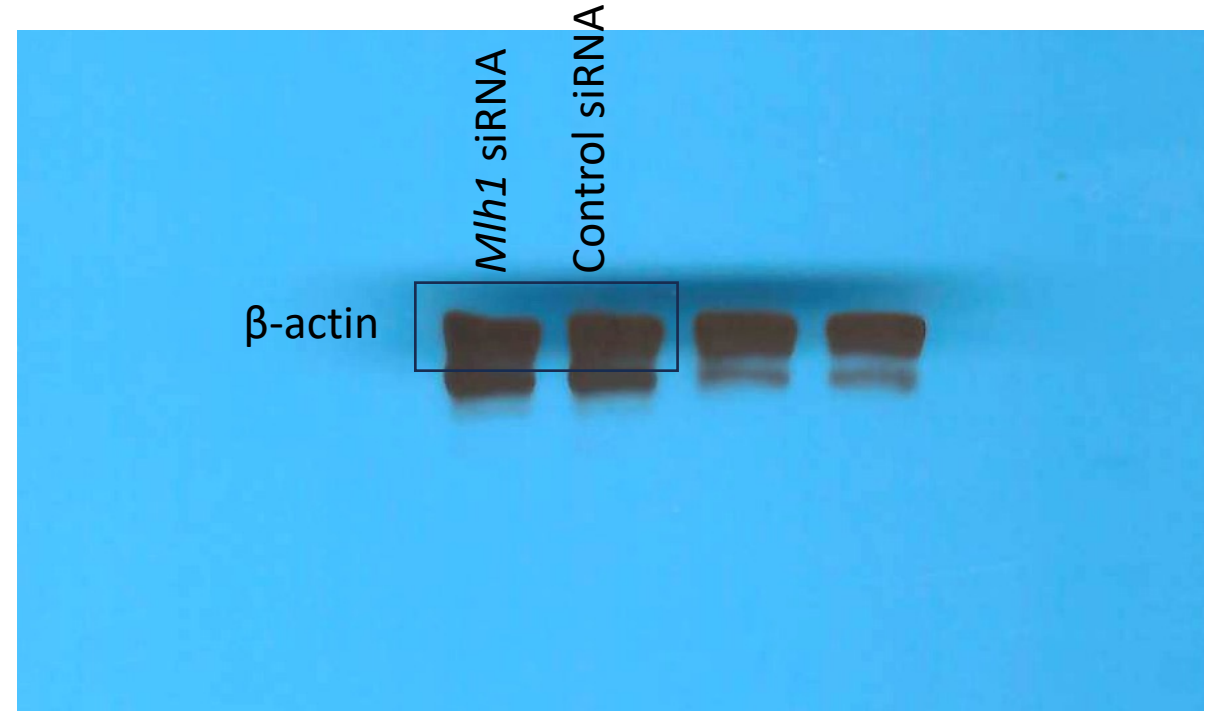
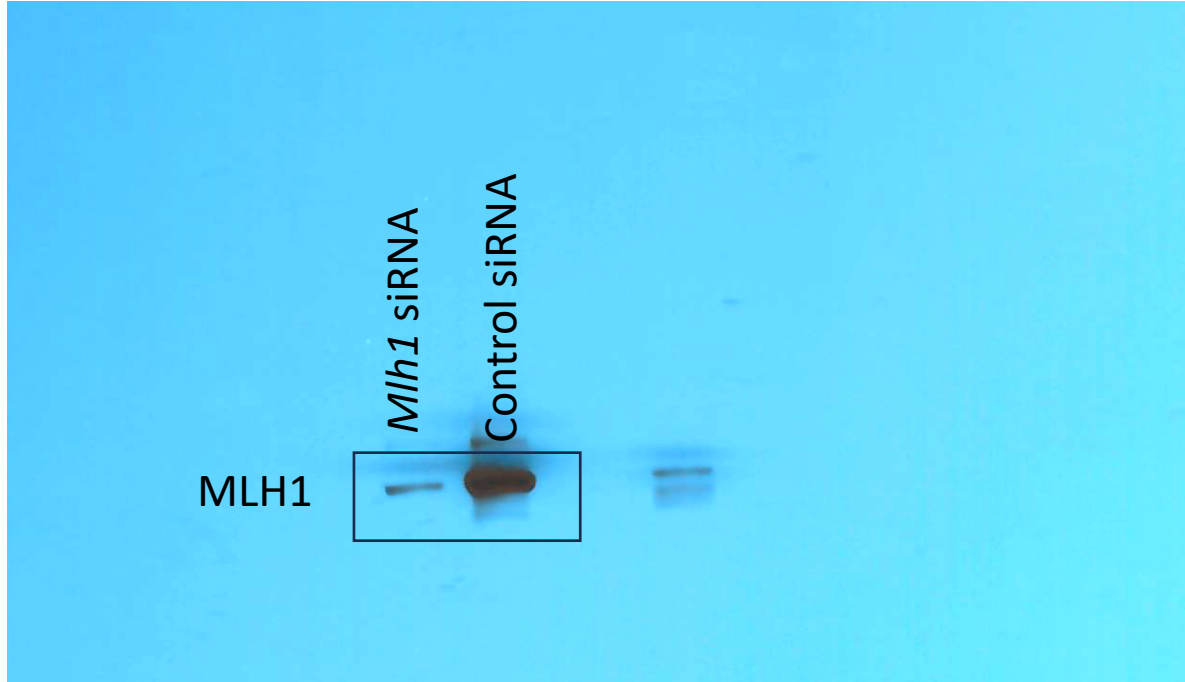
Full unedited blot for Supplemental Figure 1D



# Full unedited blot for Supplemental Figure 1E

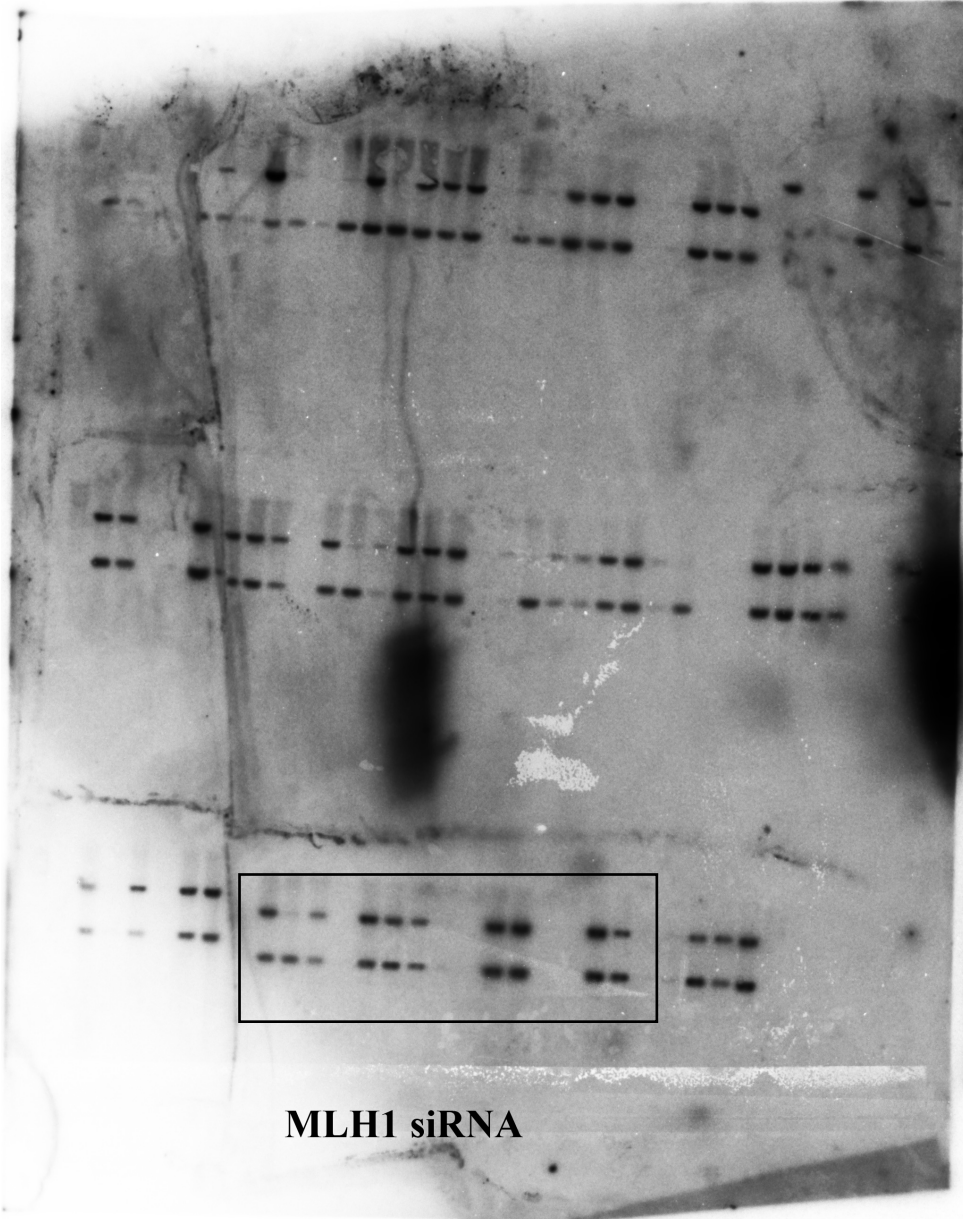


Full unedited blot for Supplemental Figure 2A

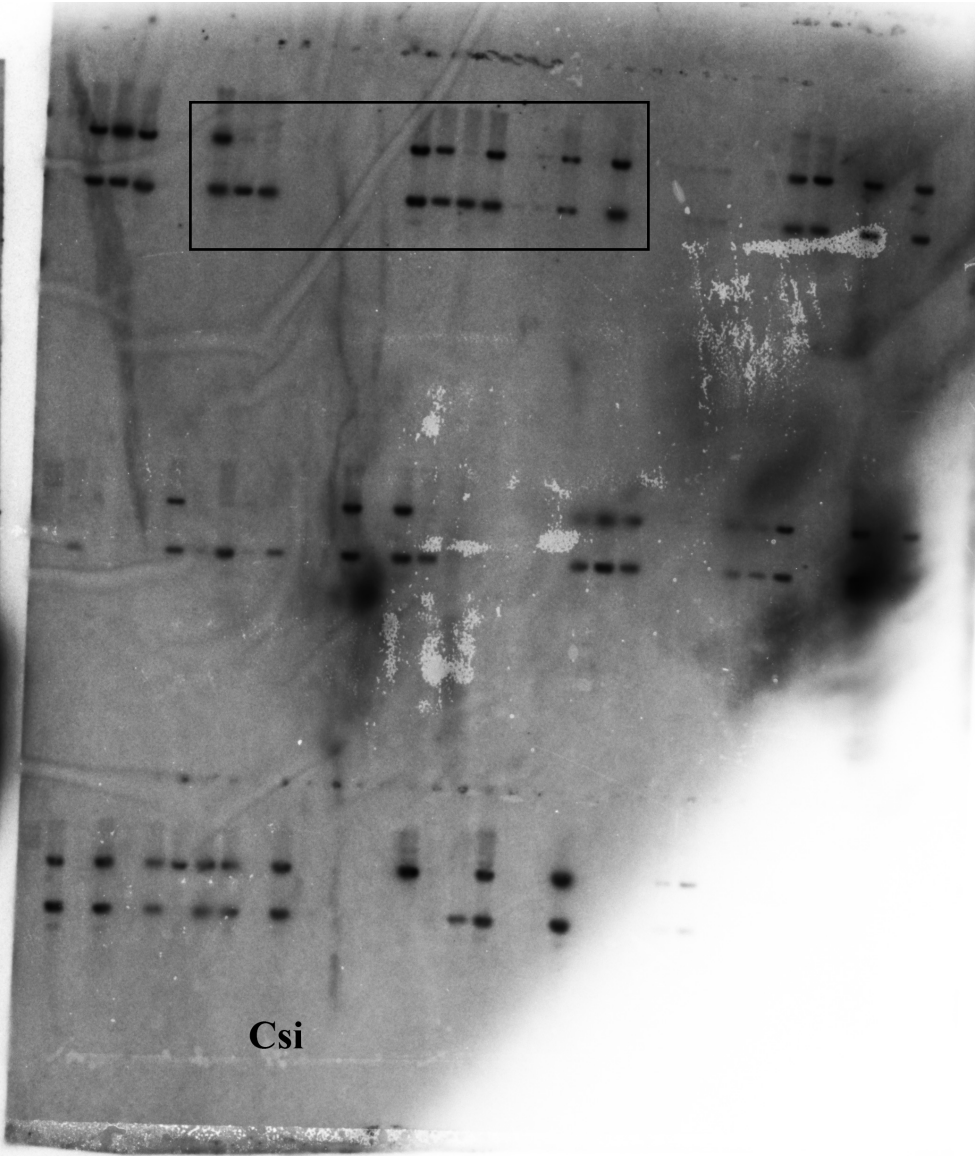


Full unedited blot for Supplemental Figure 2D

*Mlh1* siRNA: DMSO



Control siRNA: DMSO

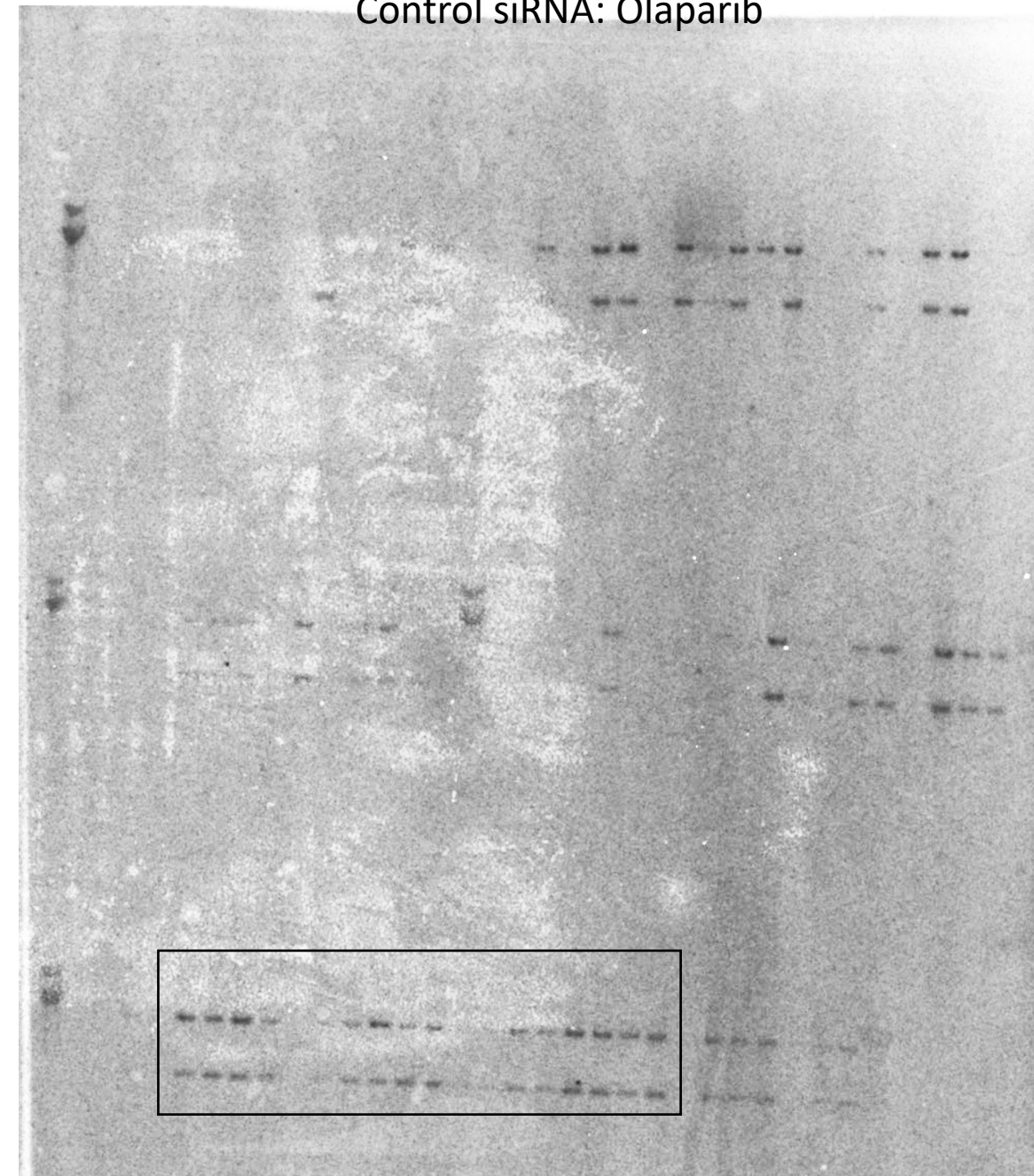
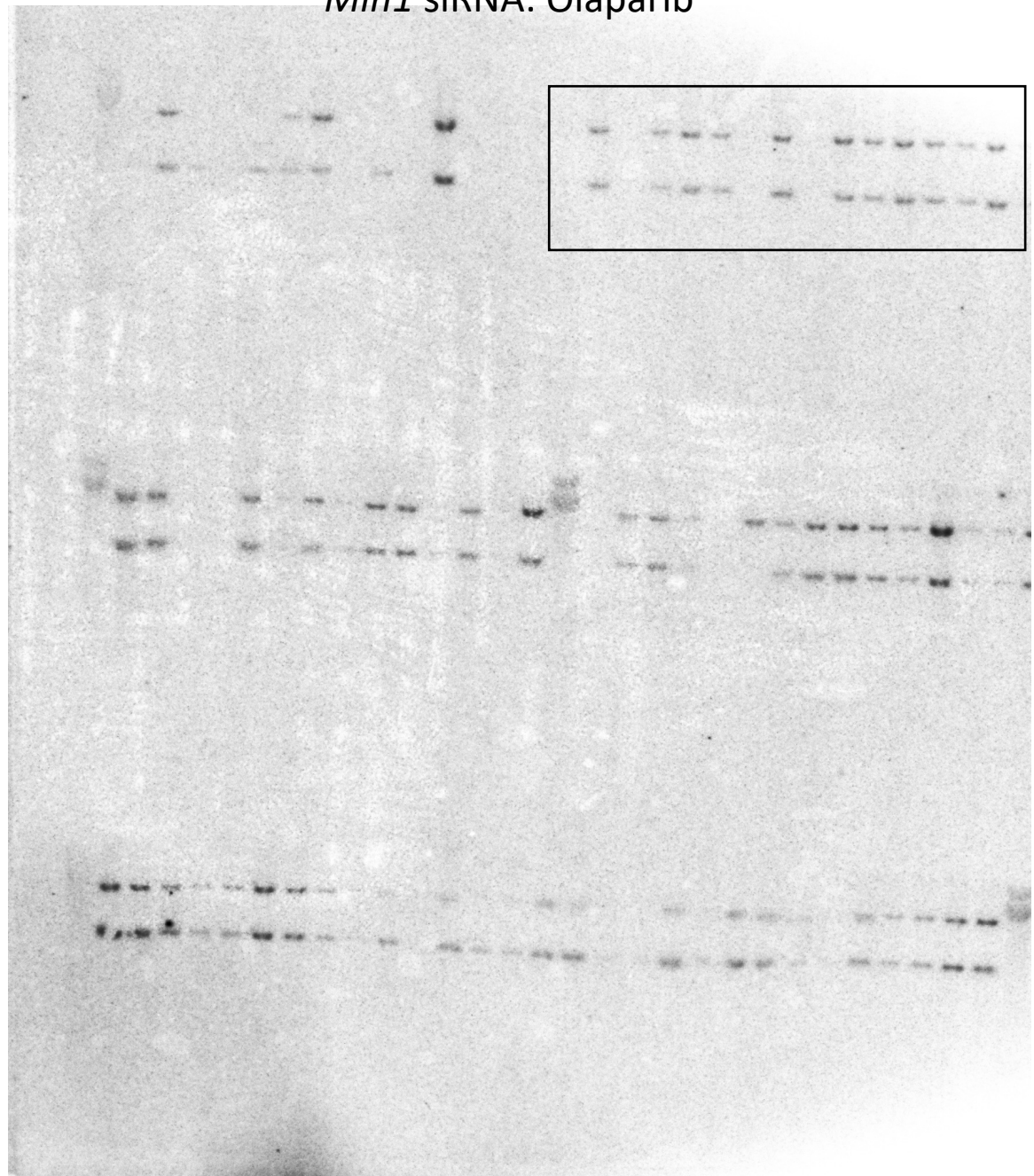




Full unedited blot for Supplemental Figure 2D

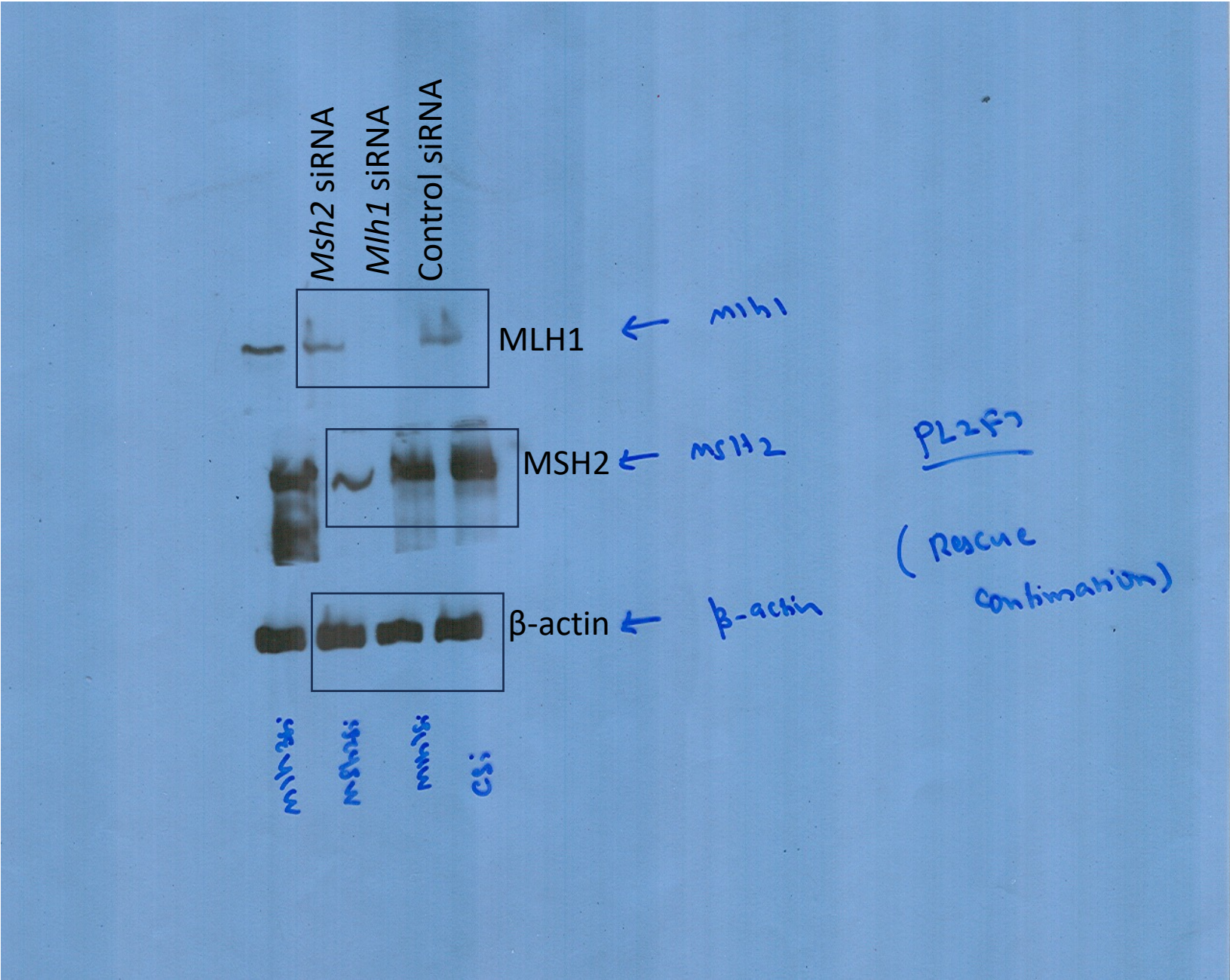
*Mlh1* siRNA: Olaparib

Control siRNA: Olaparib

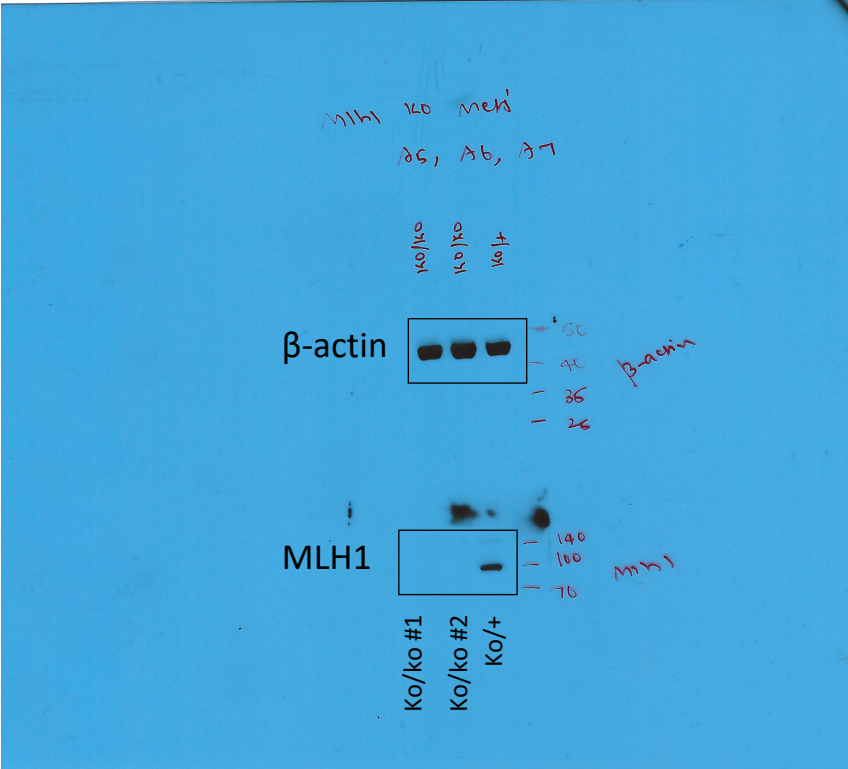




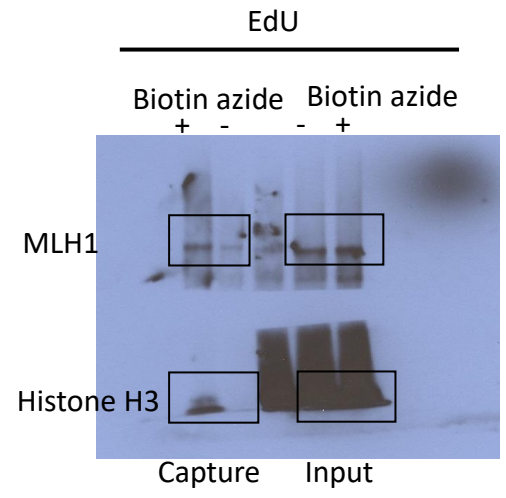
Full unedited blot for Supplemental Figure 2E



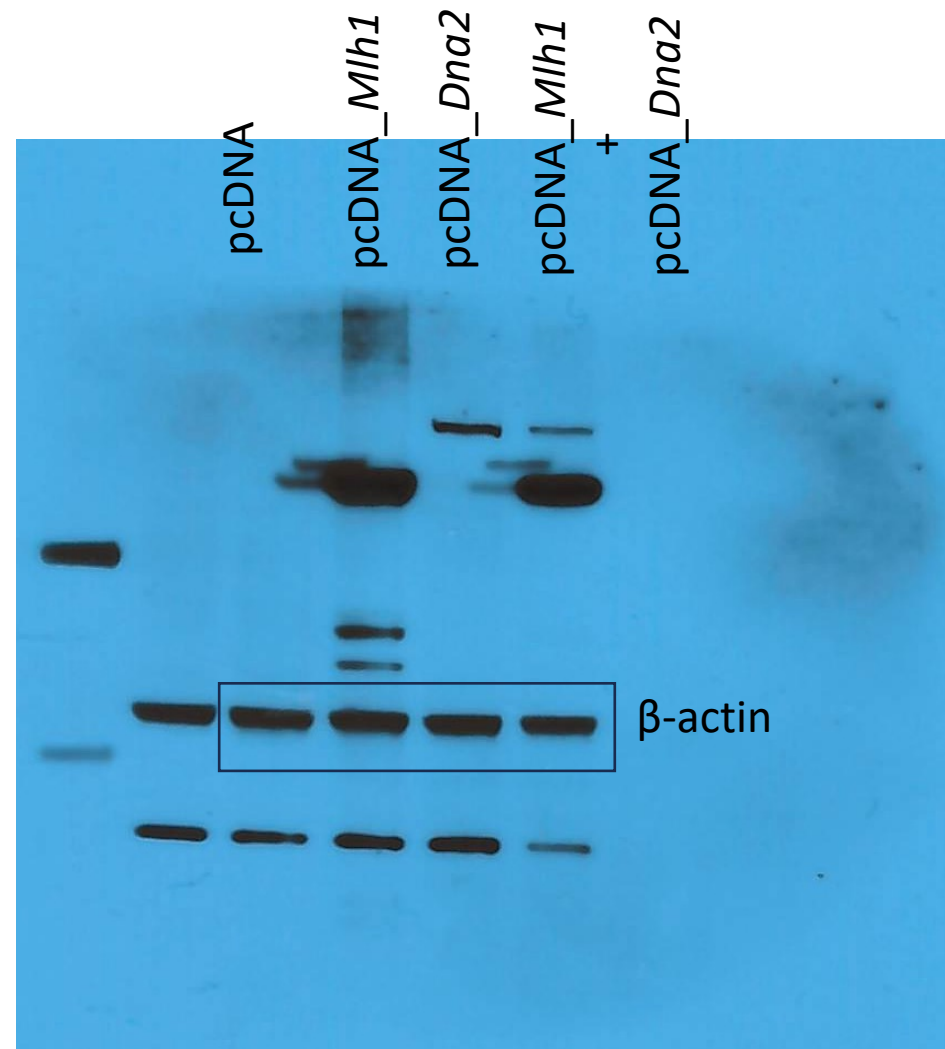
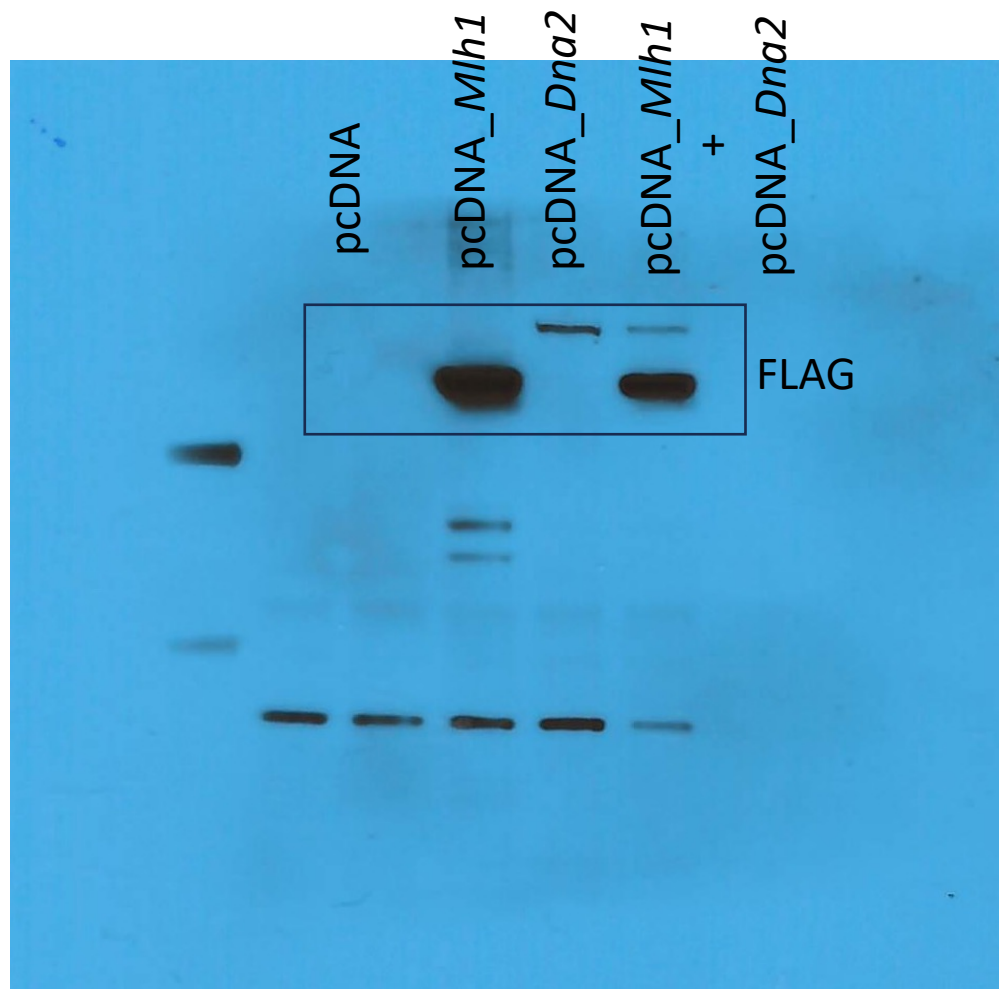
Full unedited blot for Figure 2D



# Full unedited blot for Supplemental Figure 4F



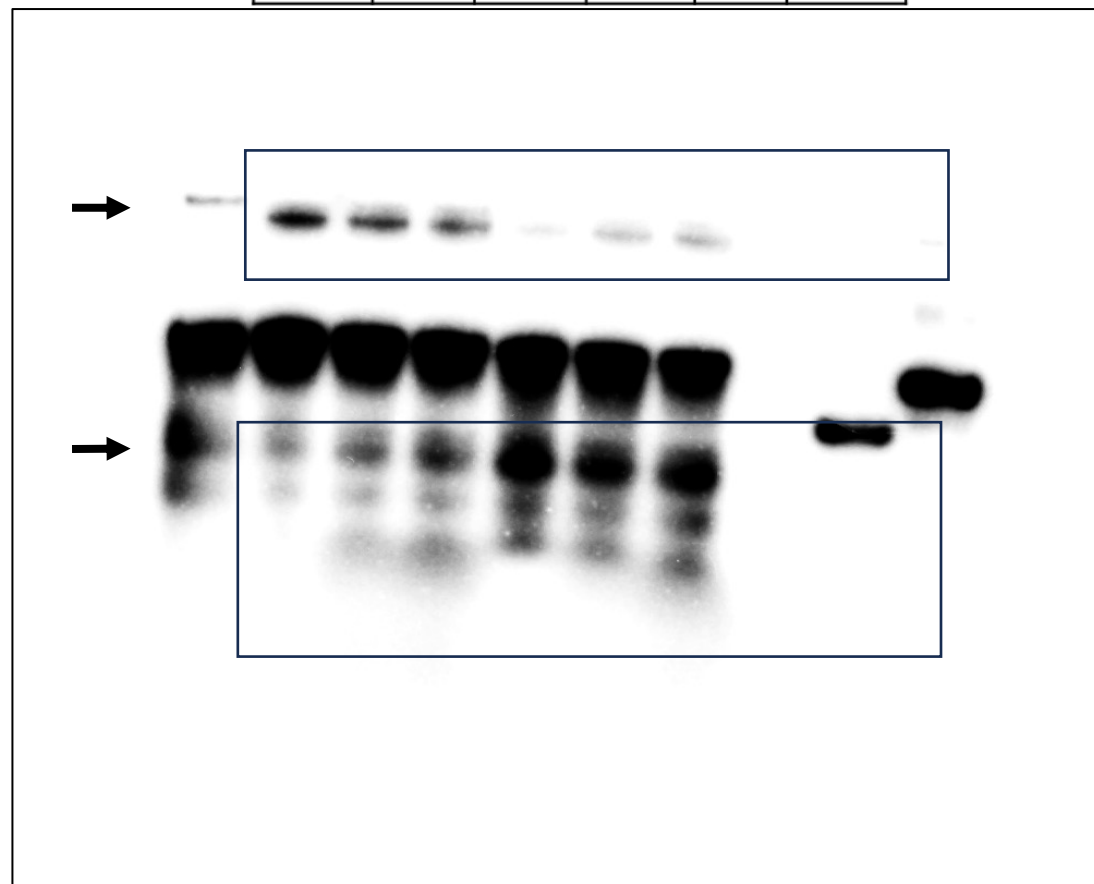
Full unedited blot for Figure 3C





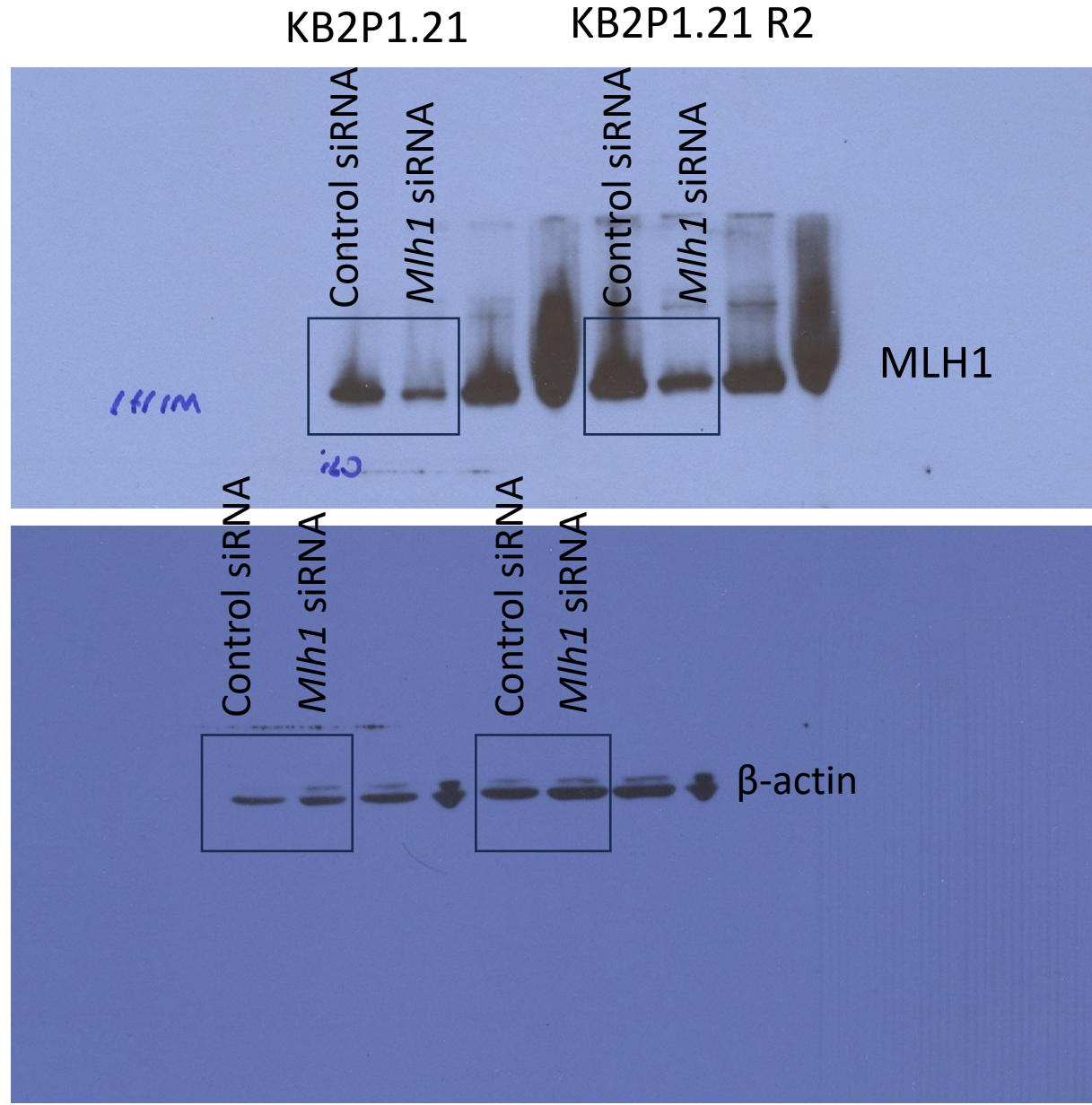
Full unedited blot for Figure 3F

-	+	+	+	+	+	RNA flap substrate
-	+	+	-	+	+	MLH1
-	-	-	+	+	+	FEN1

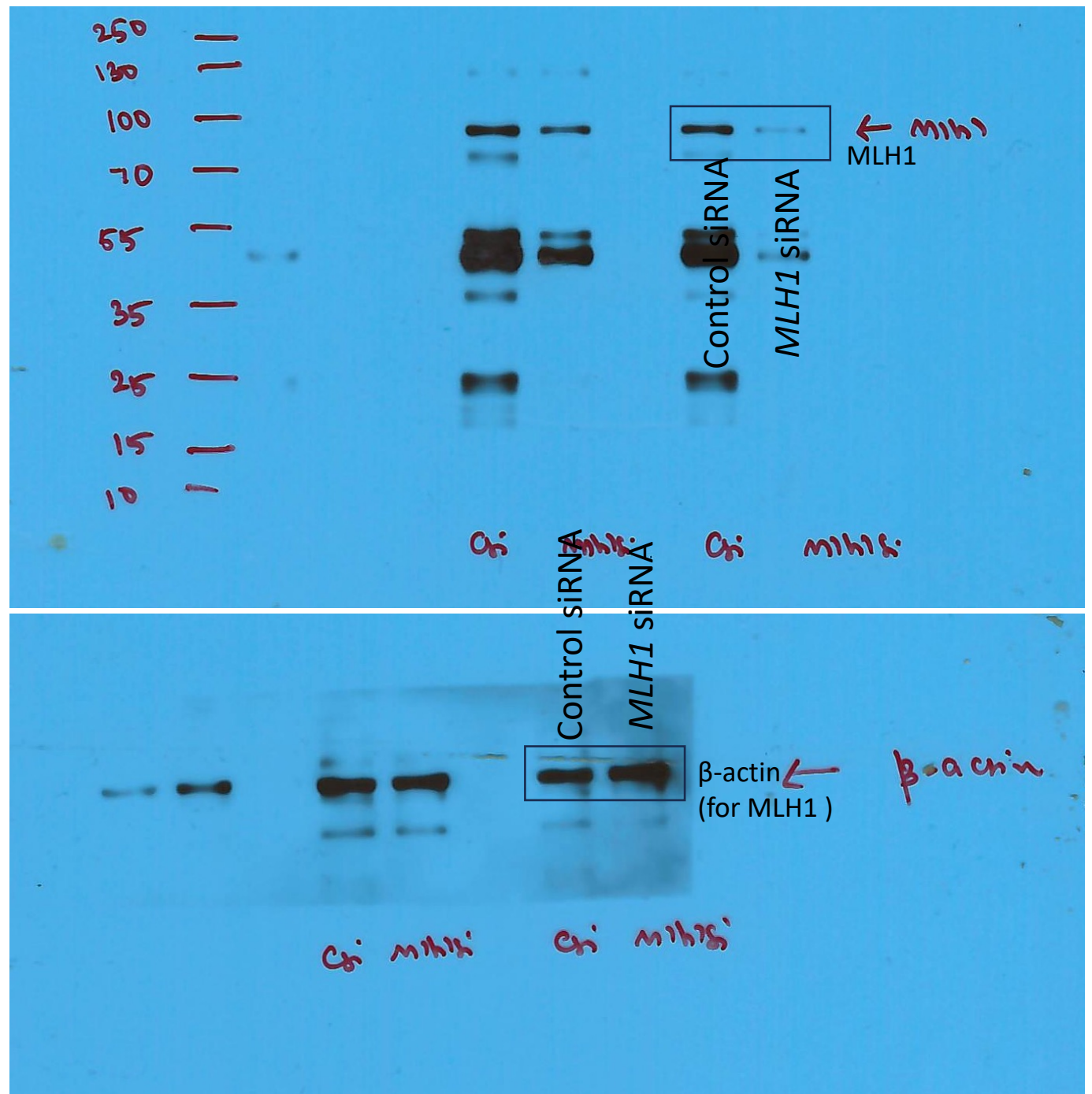




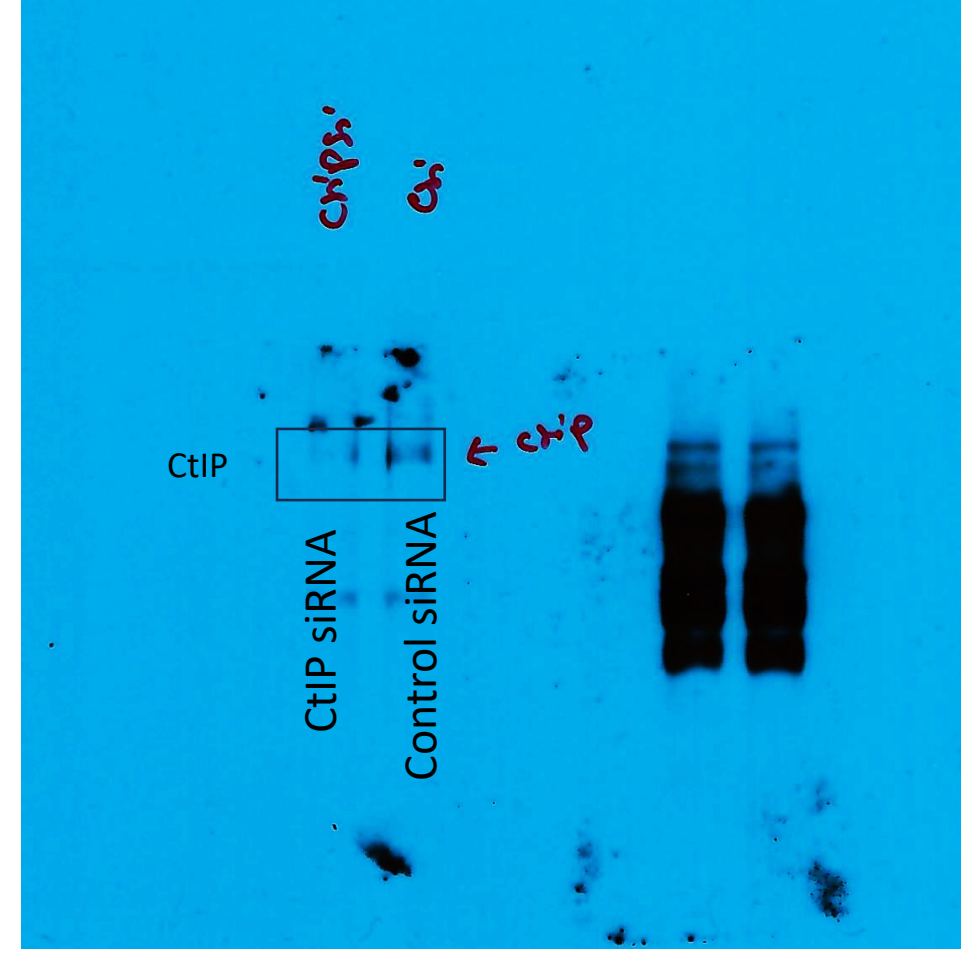
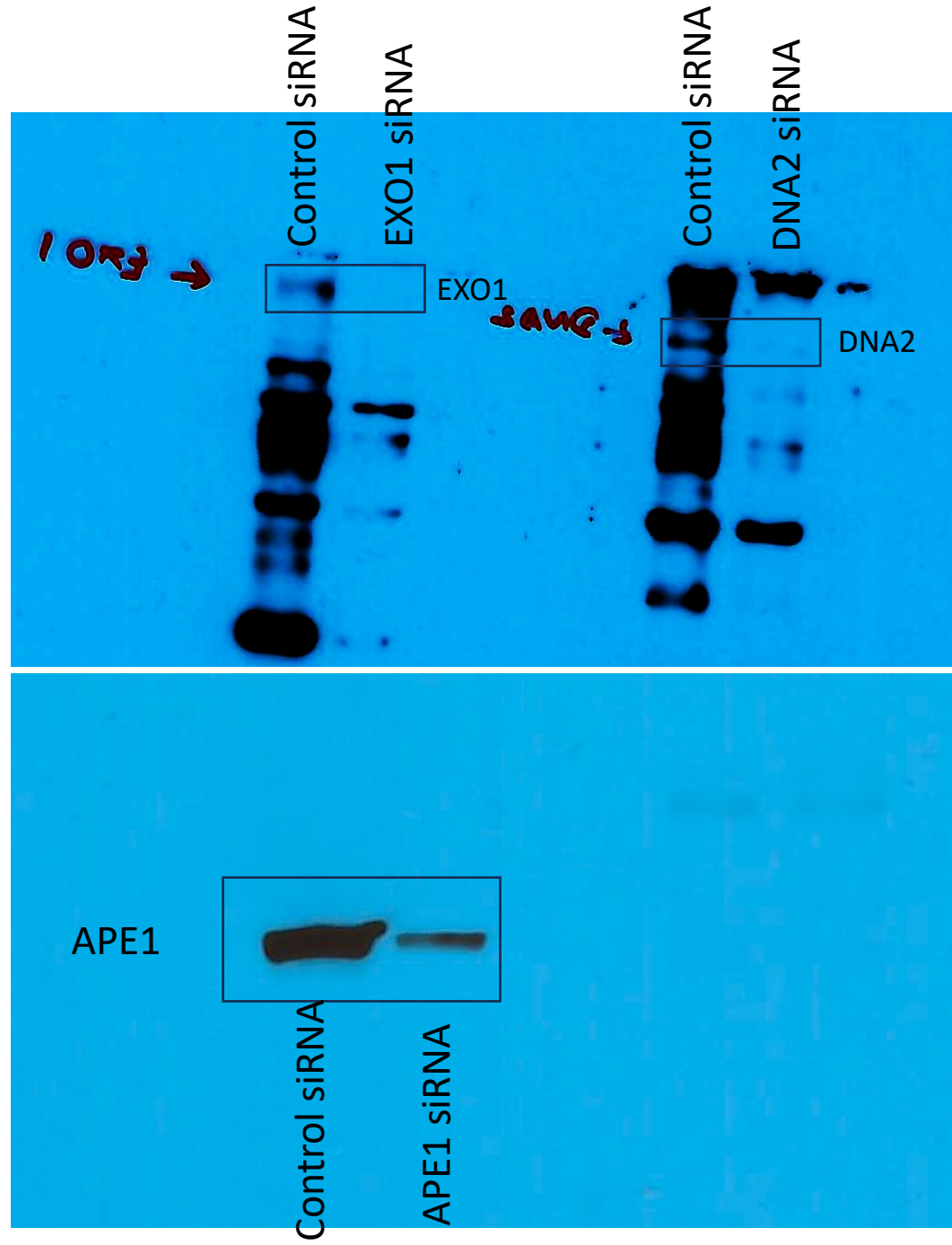
Full unedited blot for Supplemental Figure 6C



Full unedited blot for Supplemental Figure 6E

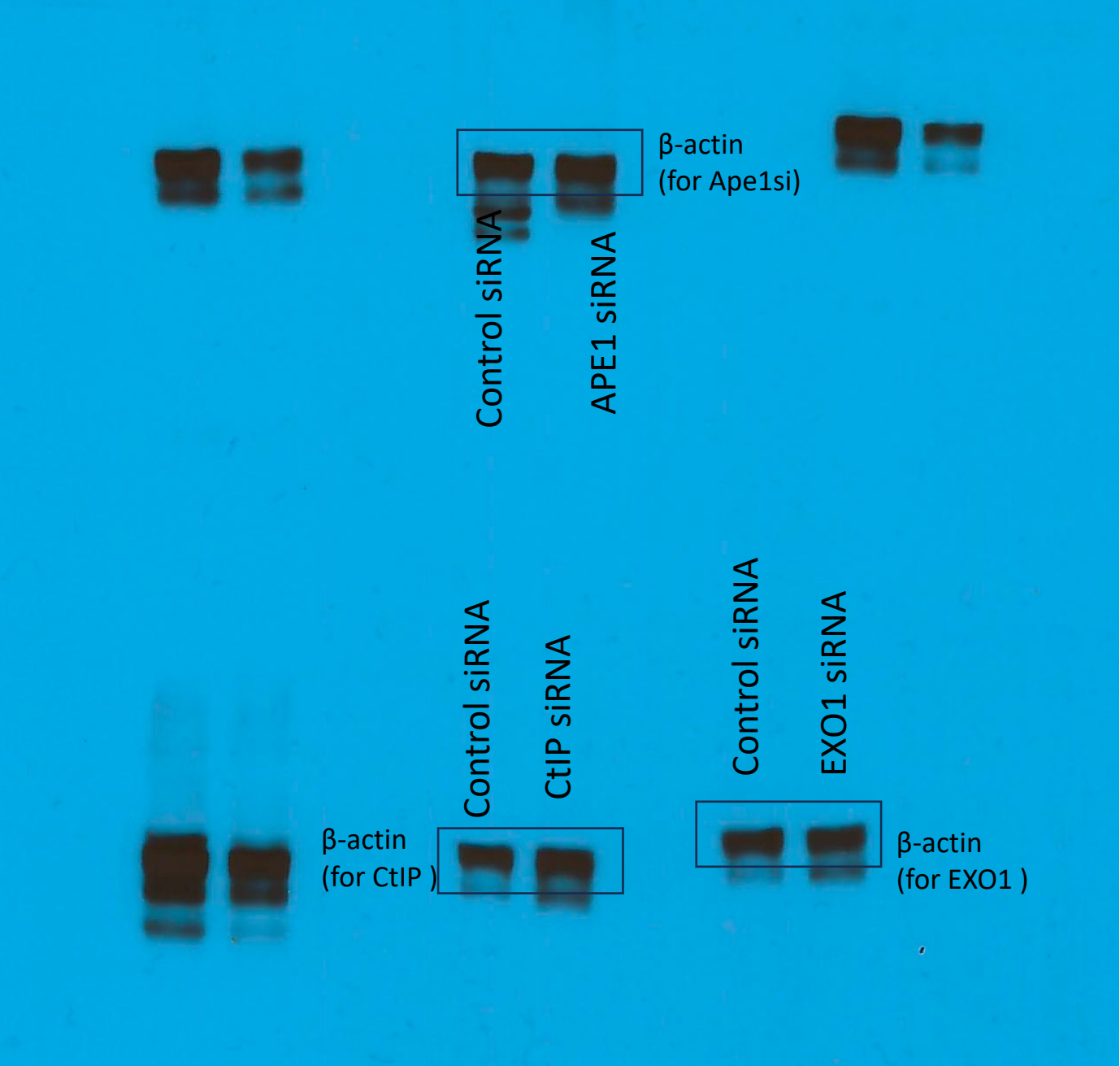
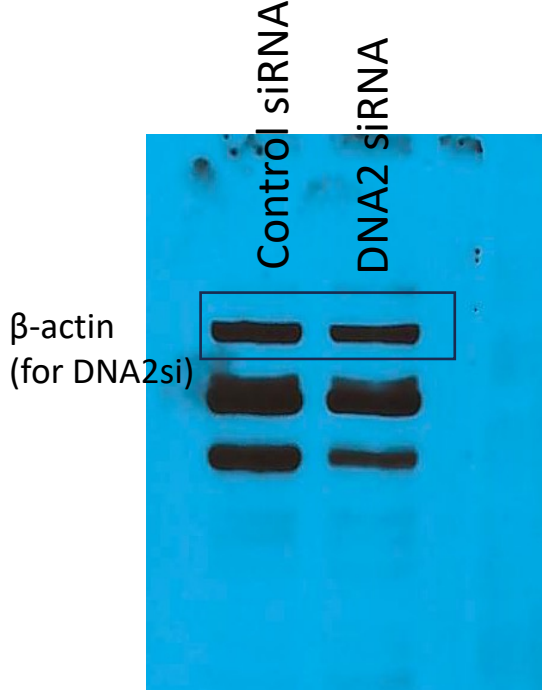


Full unedited blot for  
Supplemental Figure 6E

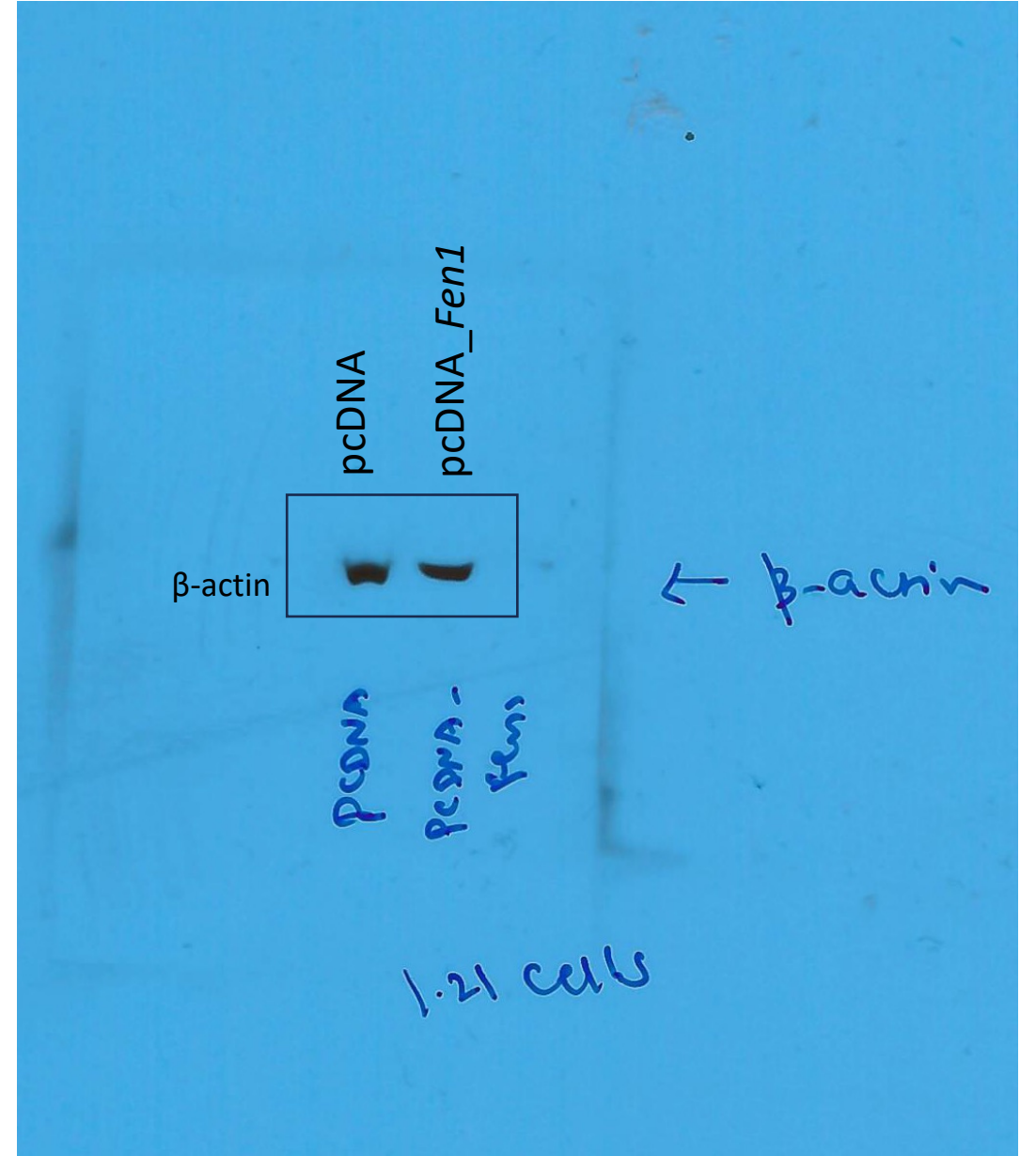
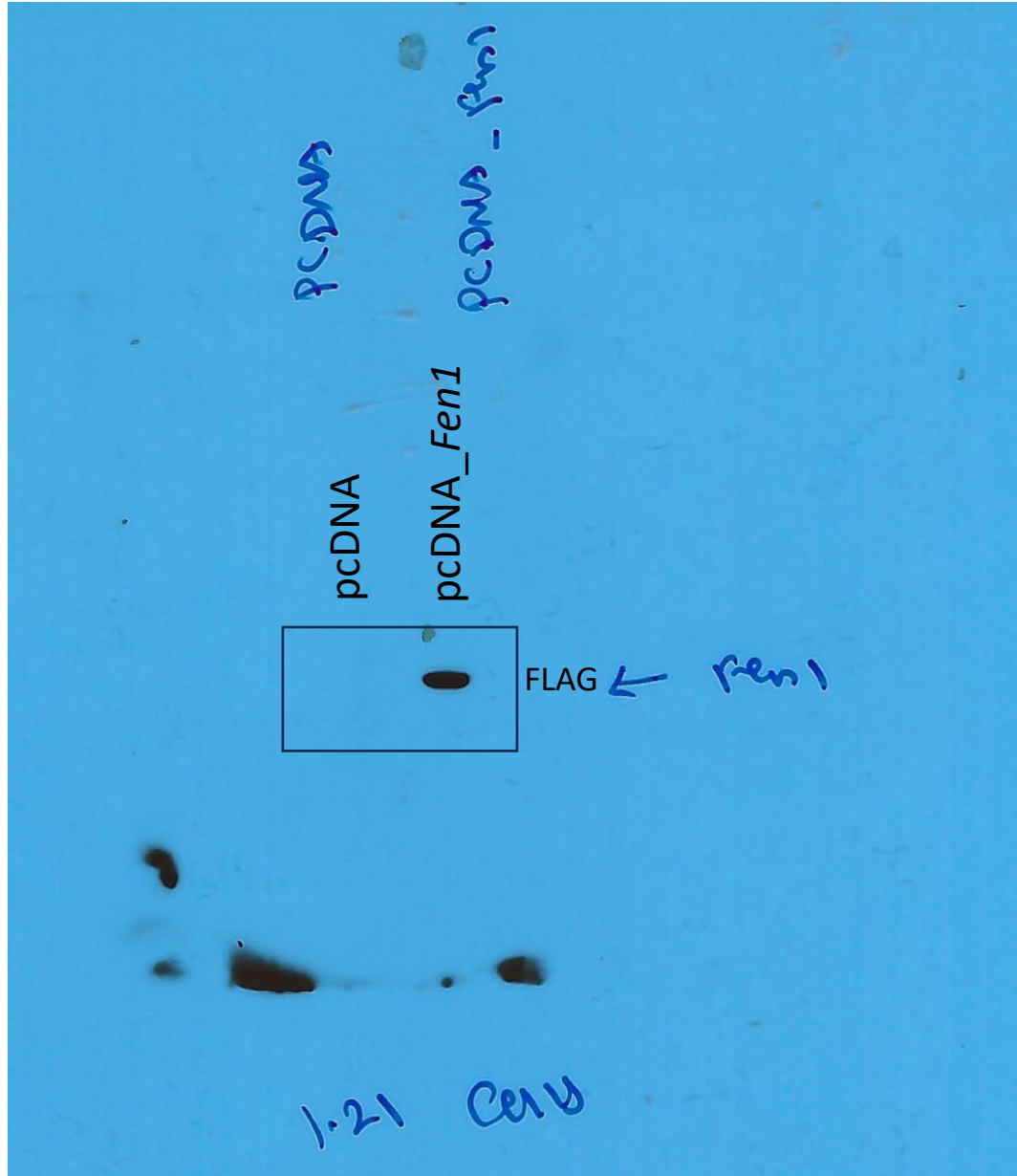




Full unedited blot for Supplemental Figure 6E

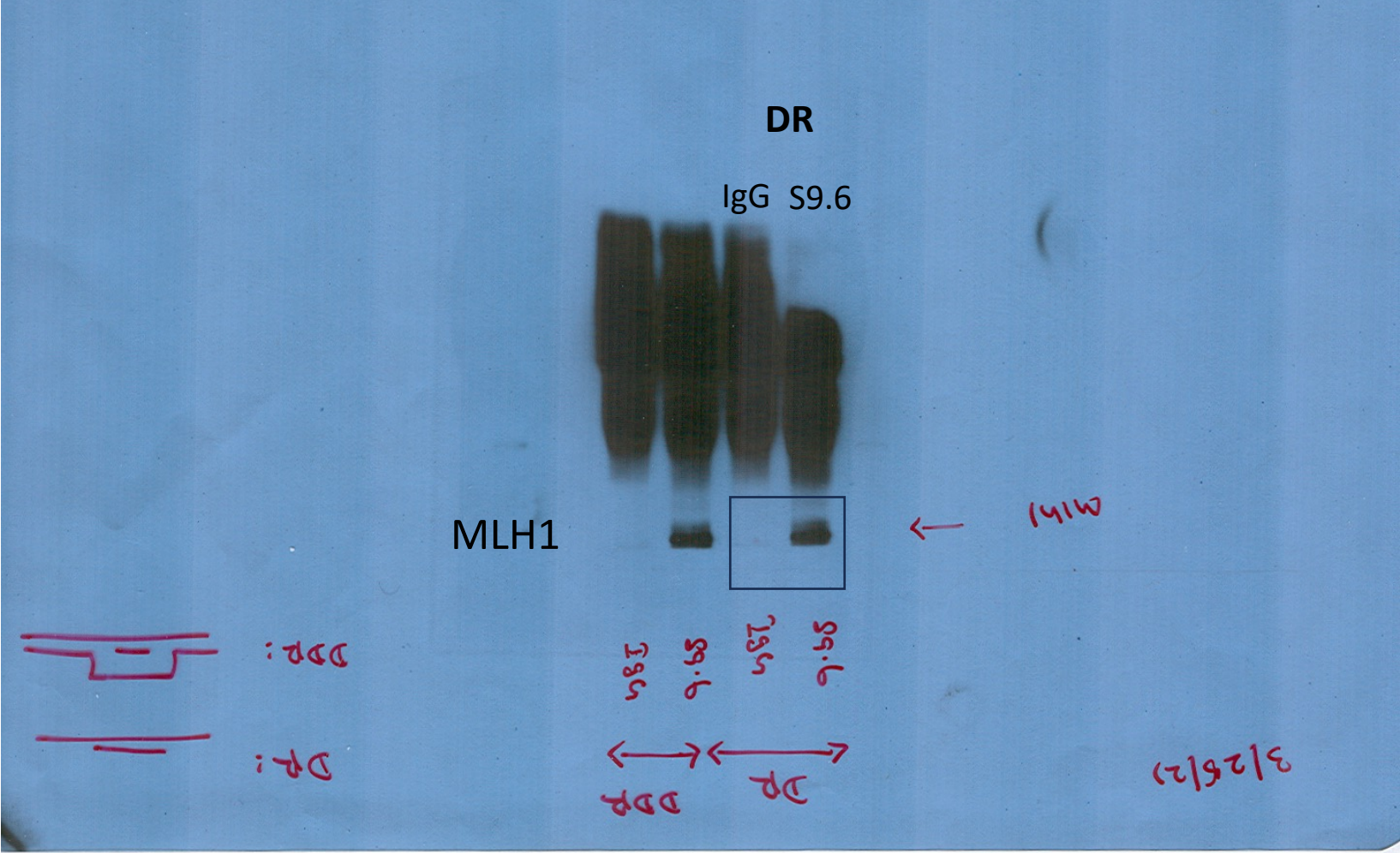


Full unedited blot for Supplemental Figure 8A





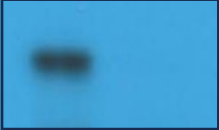
Full unedited blot for Supplemental Figure 8C



Full unedited blot for Supplemental Figure 8D

MLH1

IP: FEN1 IgG

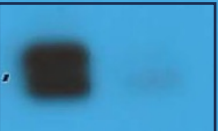


— 75  
— 100  
— 140

*MLH1*

FEN1

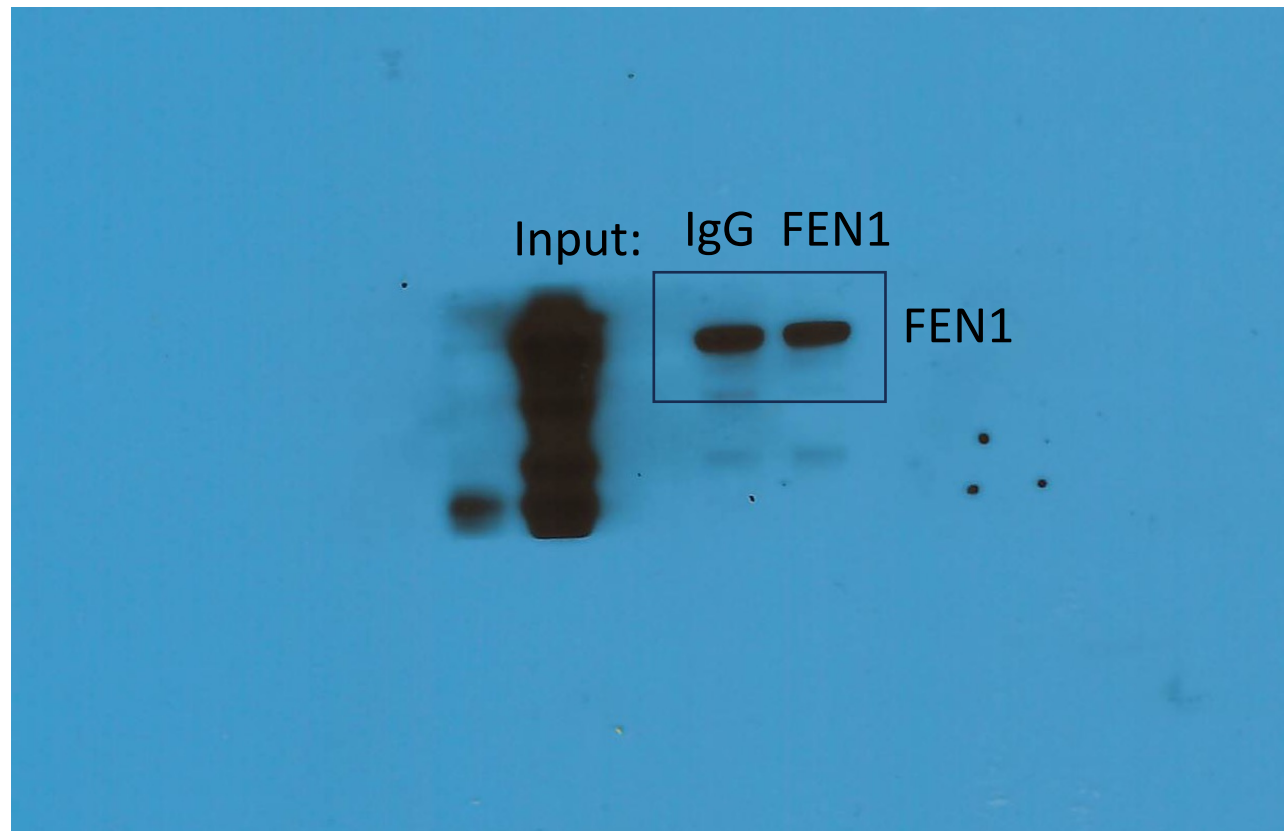
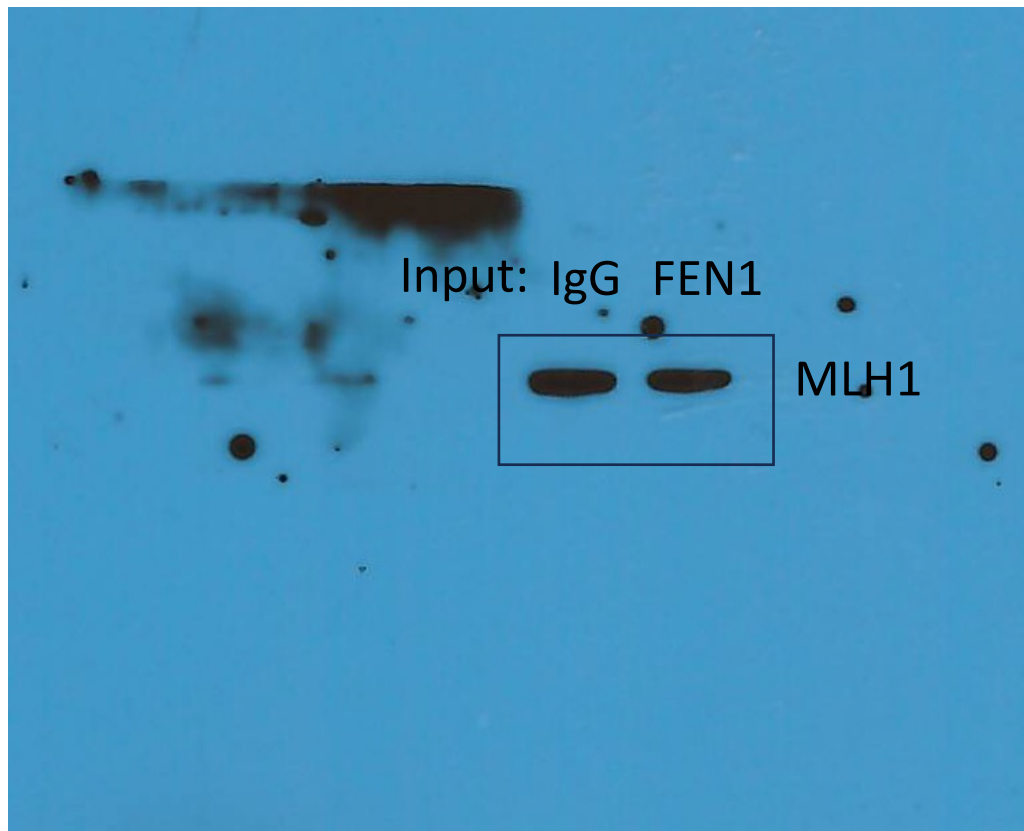
IP: FEN1 IgG



— 32  
— 40  
— 60

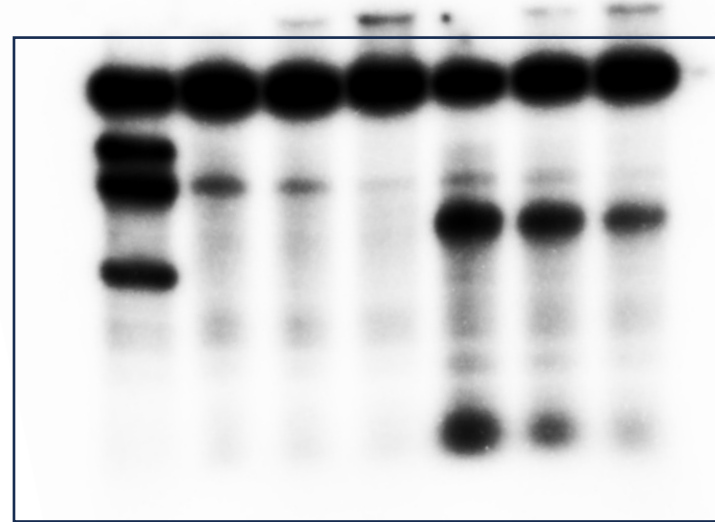
*FEN1*

Full unedited blot for Supplemental Figure 8D



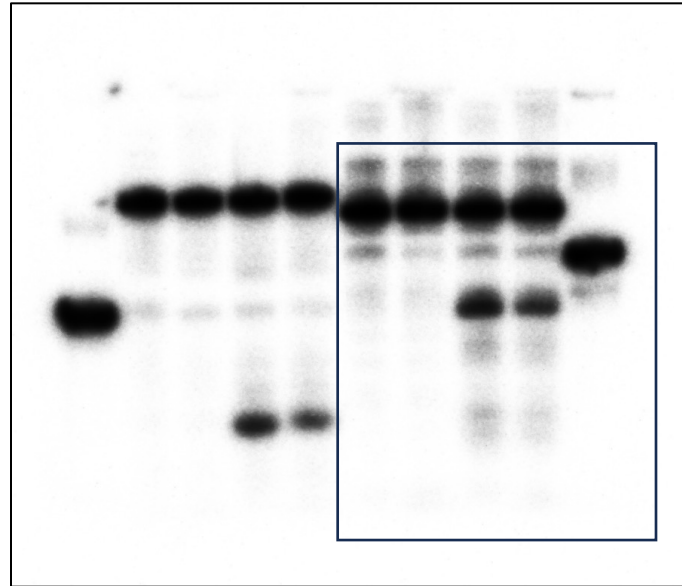
# Full unedited gel for Supplemental Figure 8E

DNA flap substrate	-	+	+	+	+	+	+
MLH1 proetin	-	-	+	+	-	+	+
FEN1 protein	-	-	-	-	+	+	+



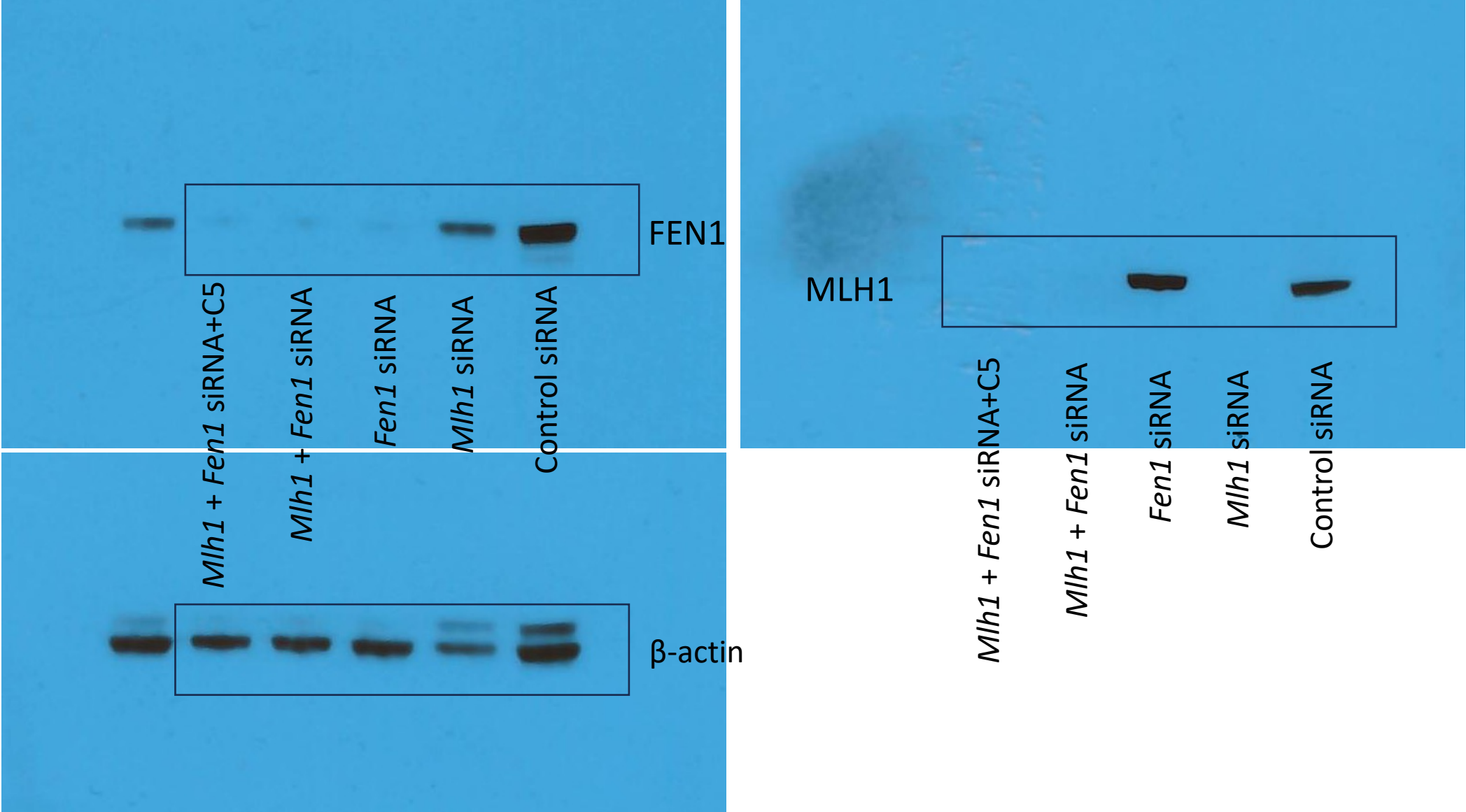
Full unedited gel for Supplemental Figure 8F

-	+	+	+	DNA flap substrate
-	-	+	+	MLH1 protein
-	-	-	+	FEN1 protein

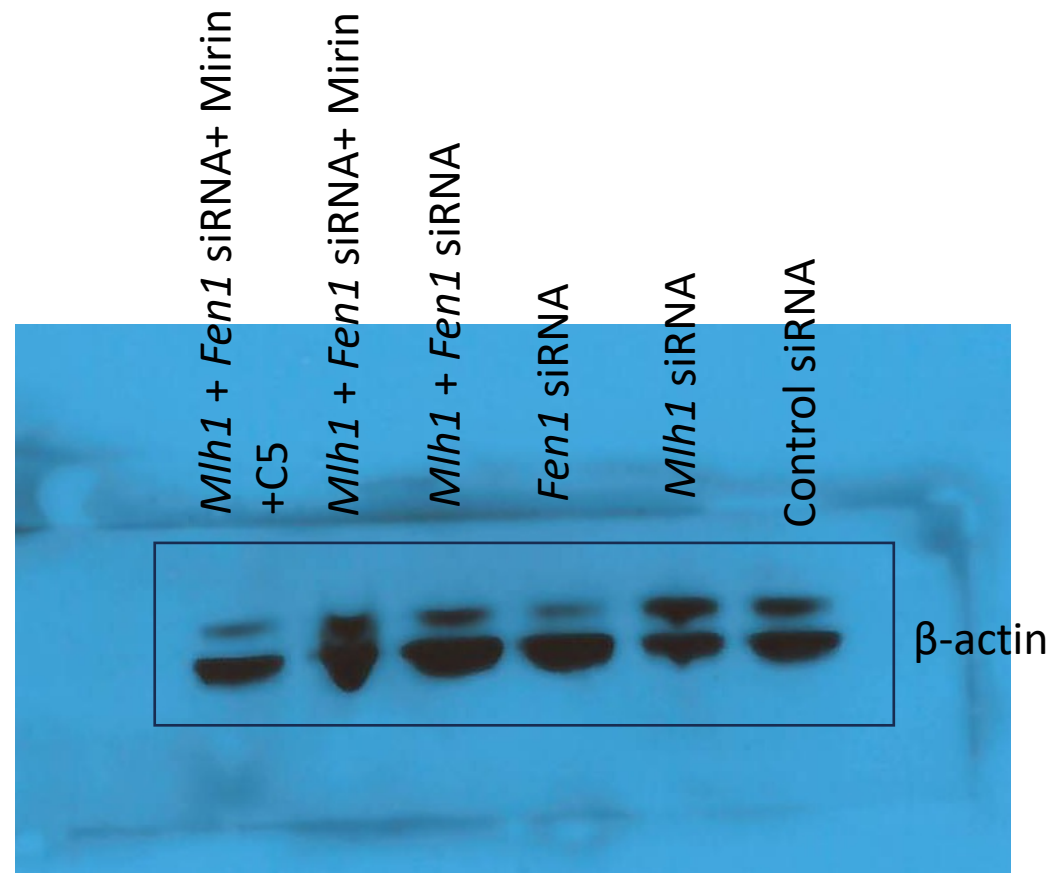
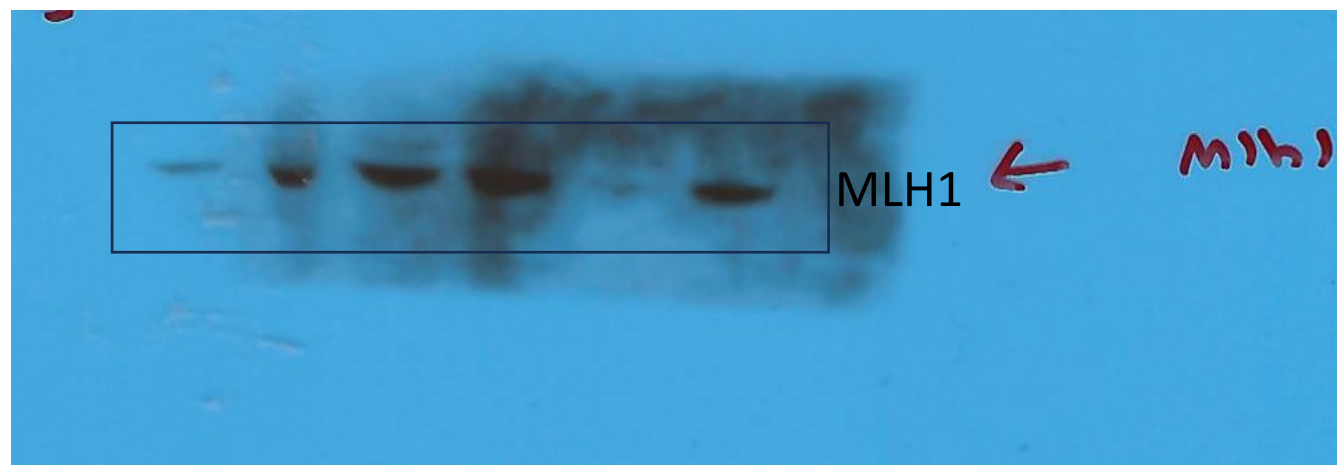
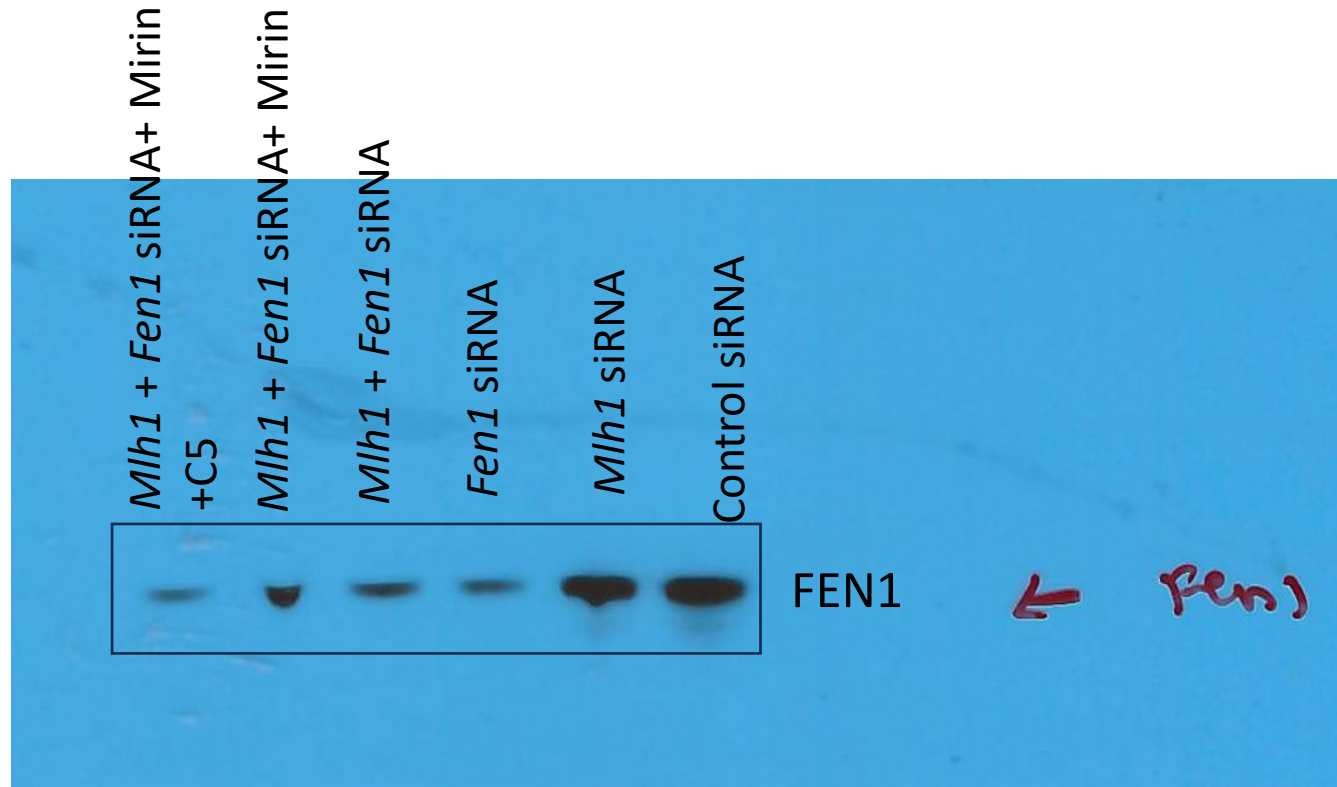




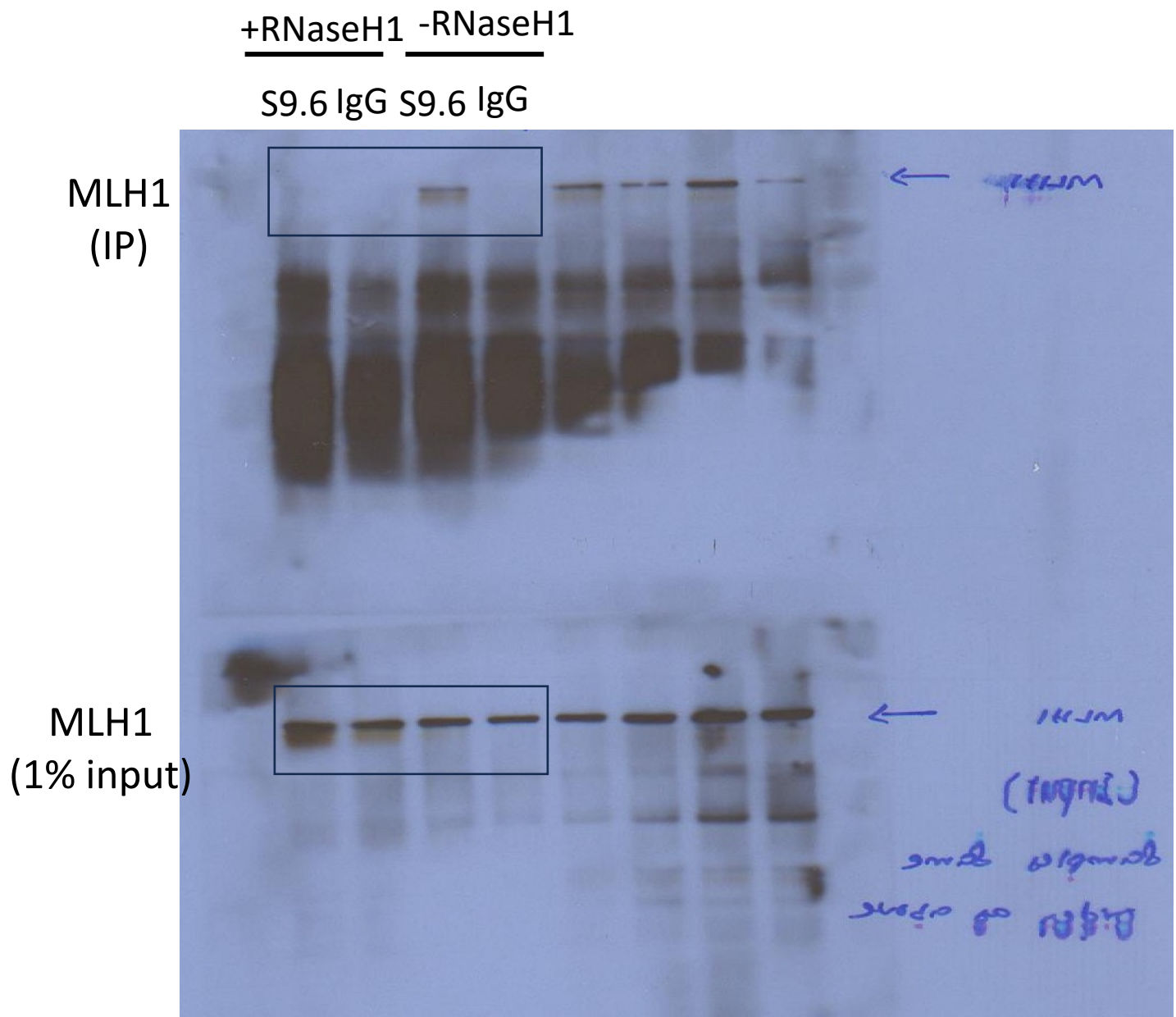
Full unedited blot for Supplemental Figure 8G



Full unedited blot for Supplemental Figure 8H

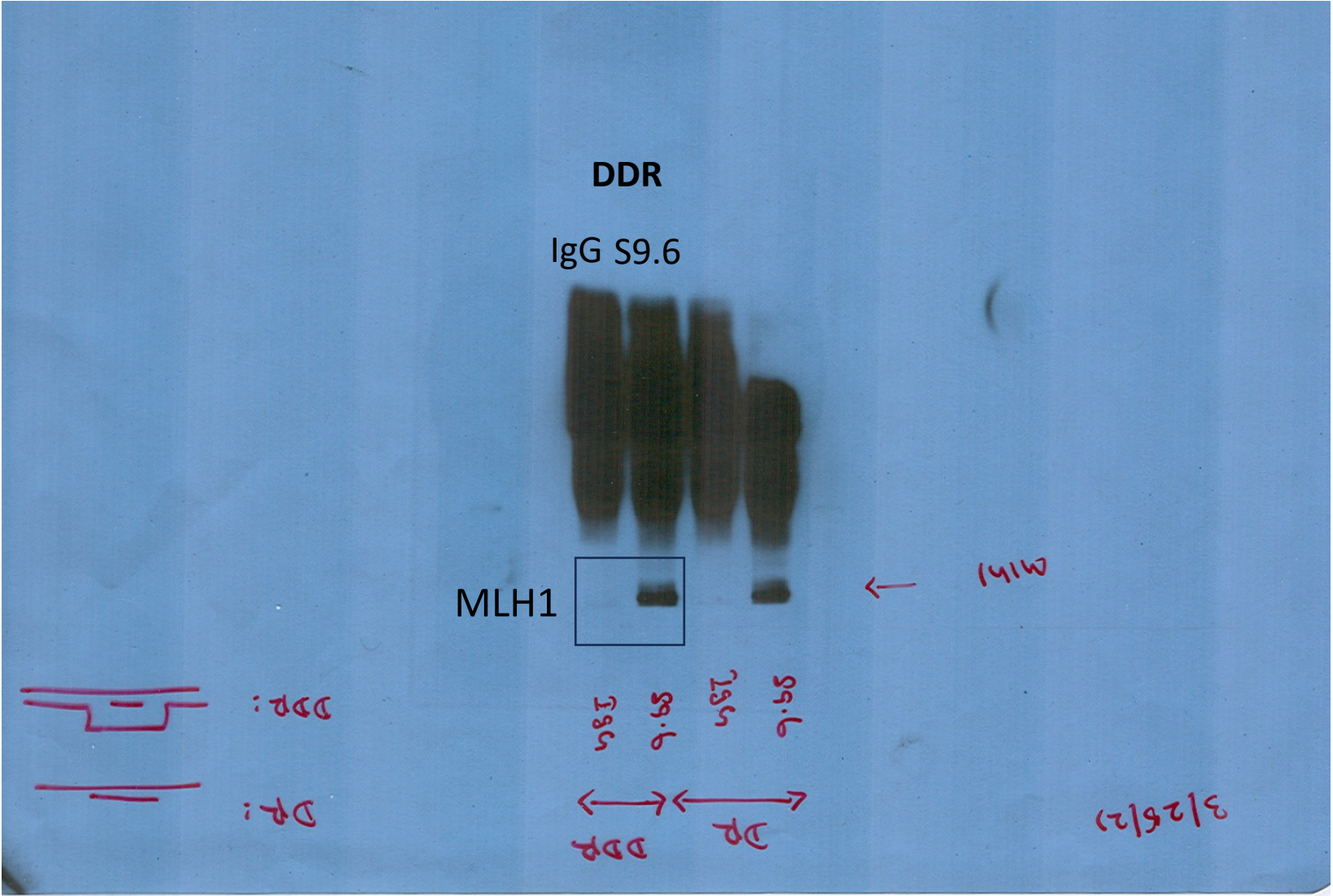


Full unedited blot for Figure 4D





Full unedited blot for Figure 4E

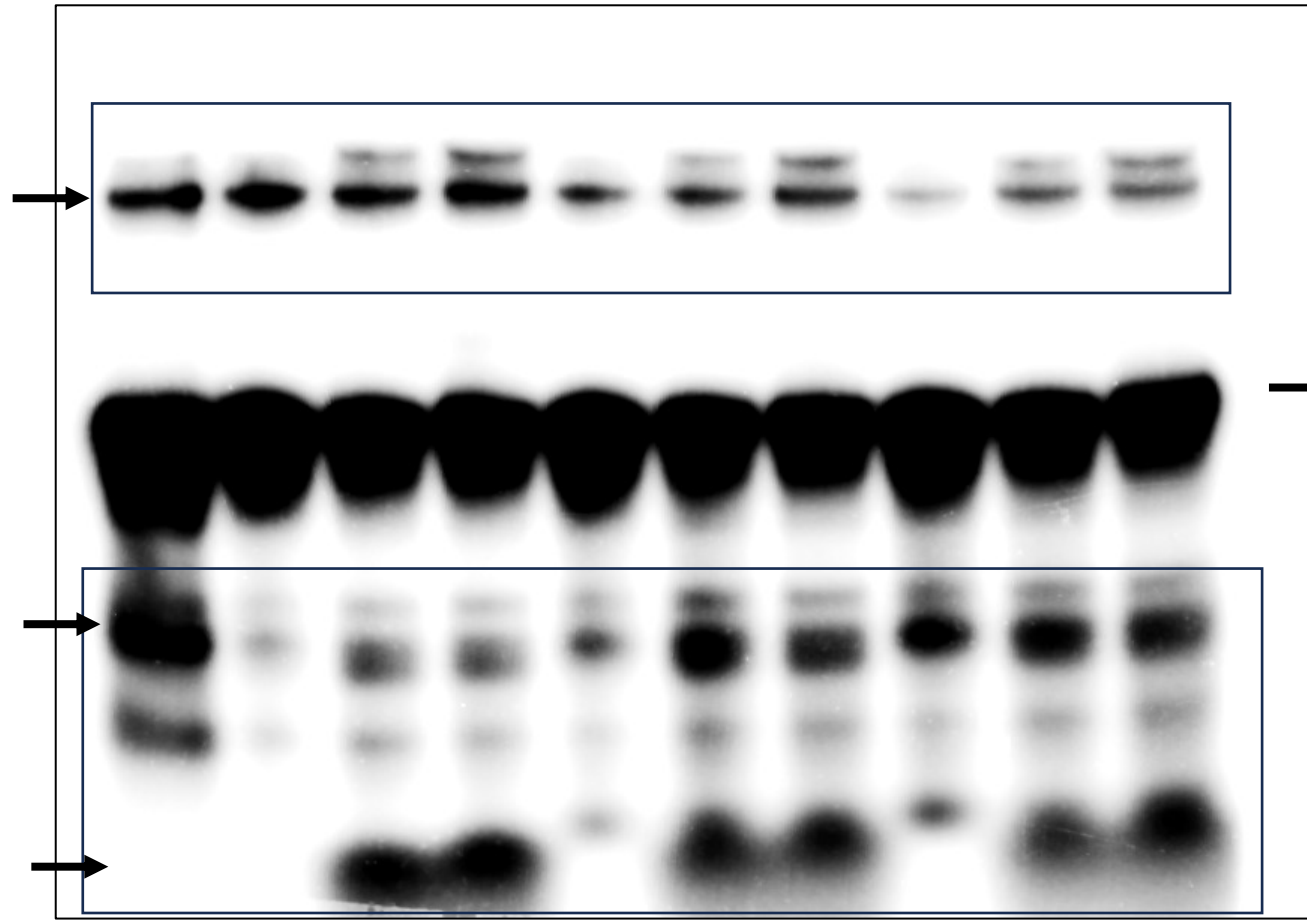




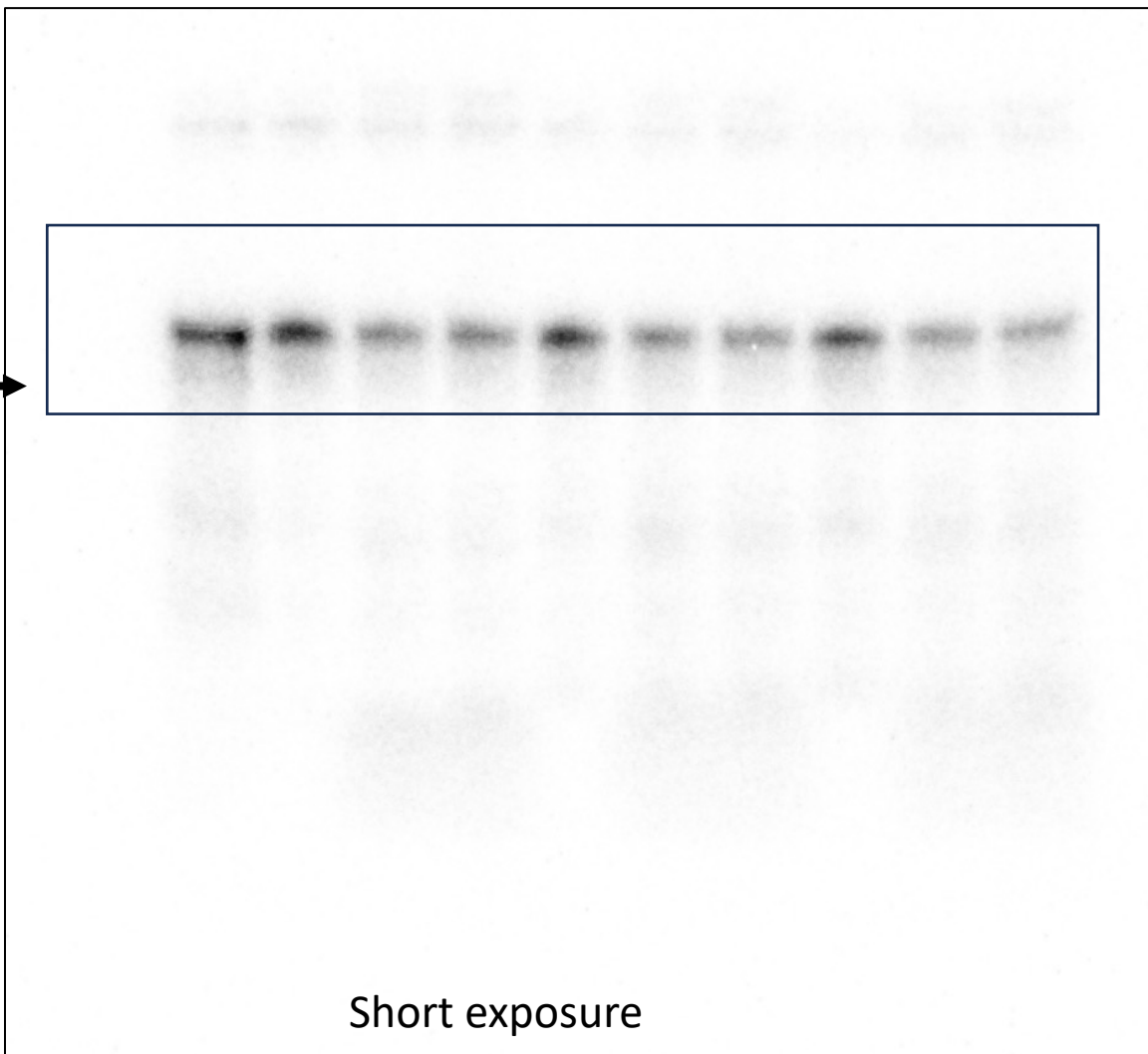
Full unedited gel for Figure 4F

25ng 50ng : FEN1

RNA oligo	-	+	+	-	+	+	-	+	+	MLH1	
	+	+	+	+	+	+	+	+	+		Substrate
	-	-	-	+	+	+	+	+	+		
	-	-	-	+	+	+	+	+	+		

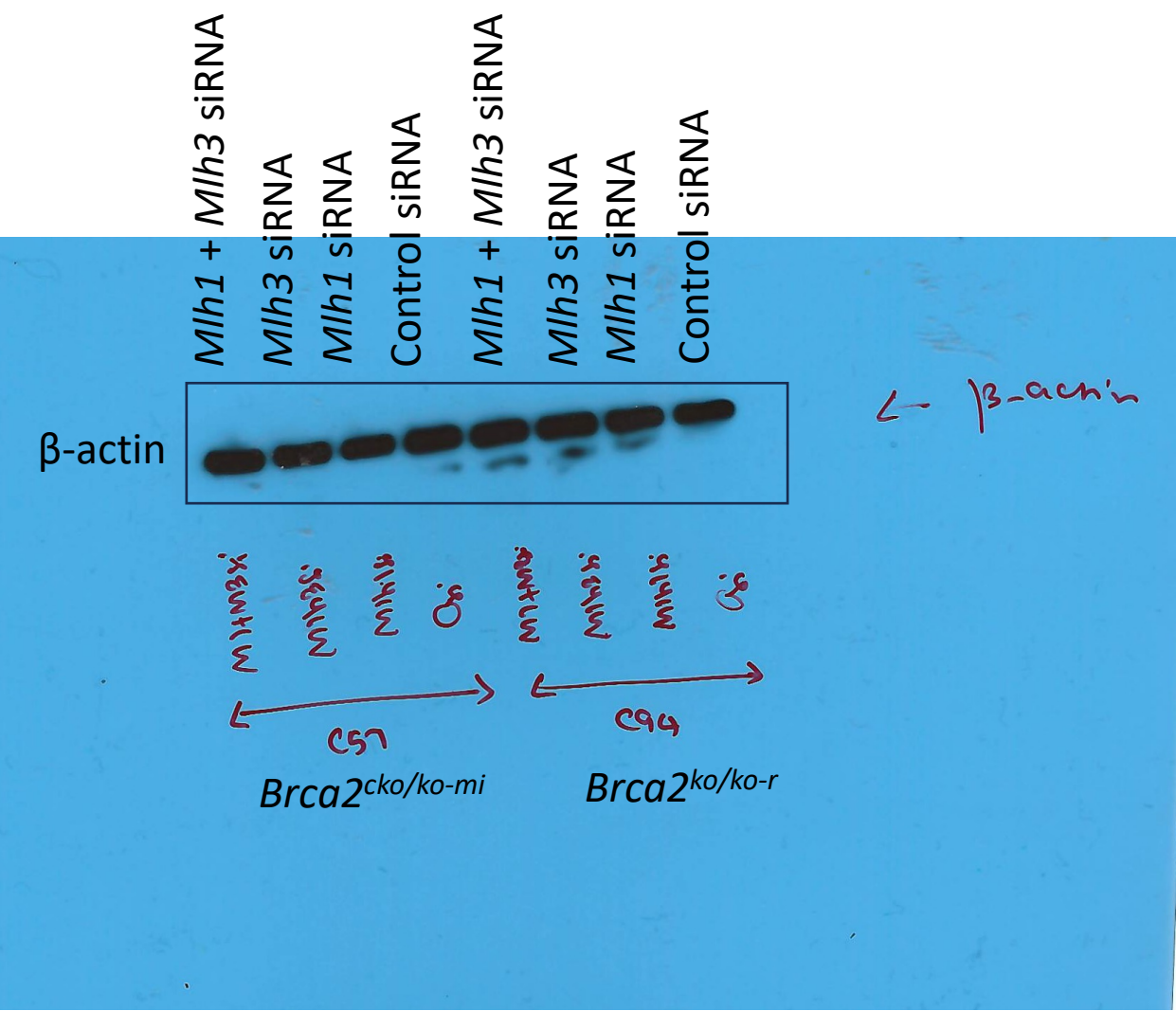
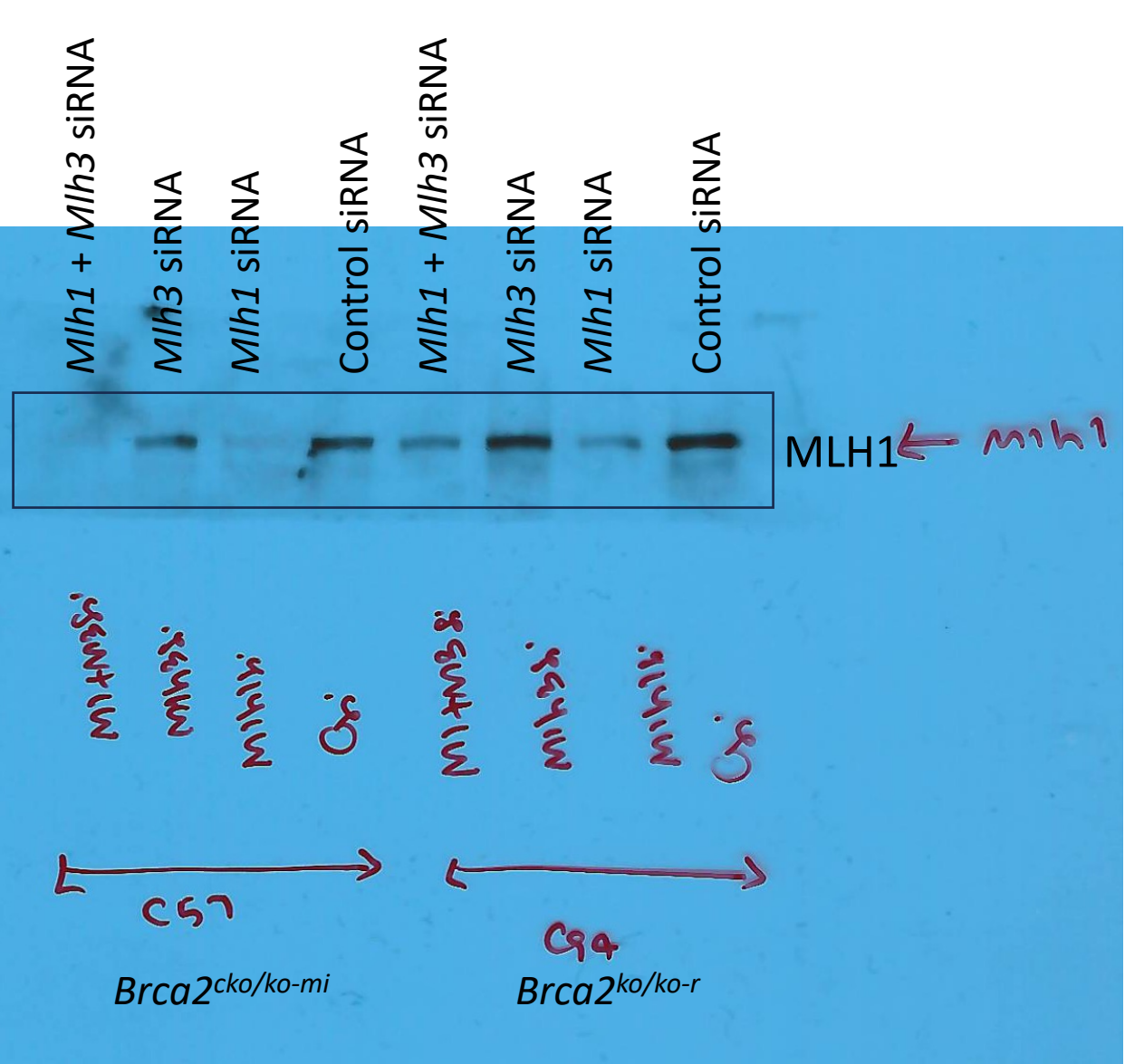


Long exposure

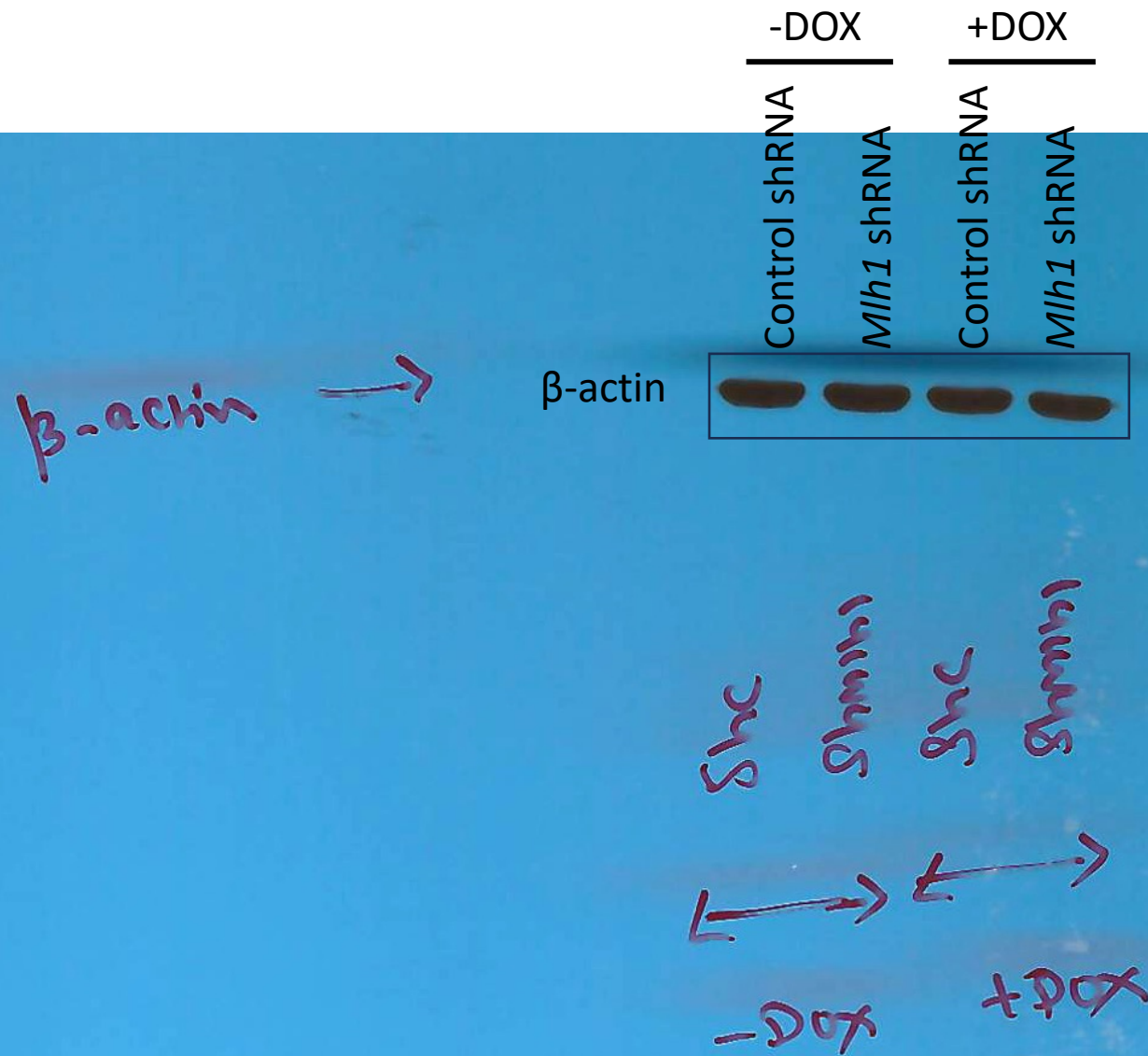
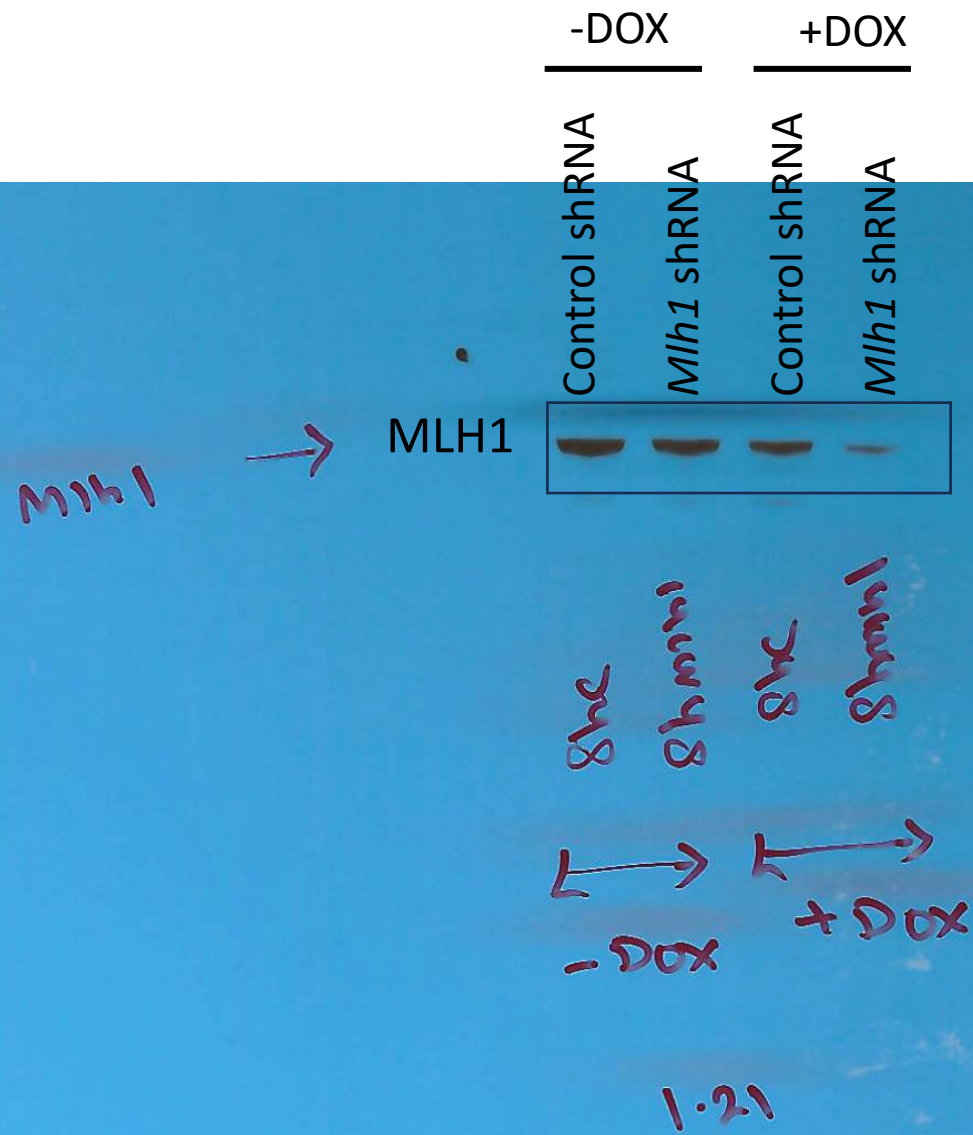


Short exposure

Full unedited blot for Figure 4H

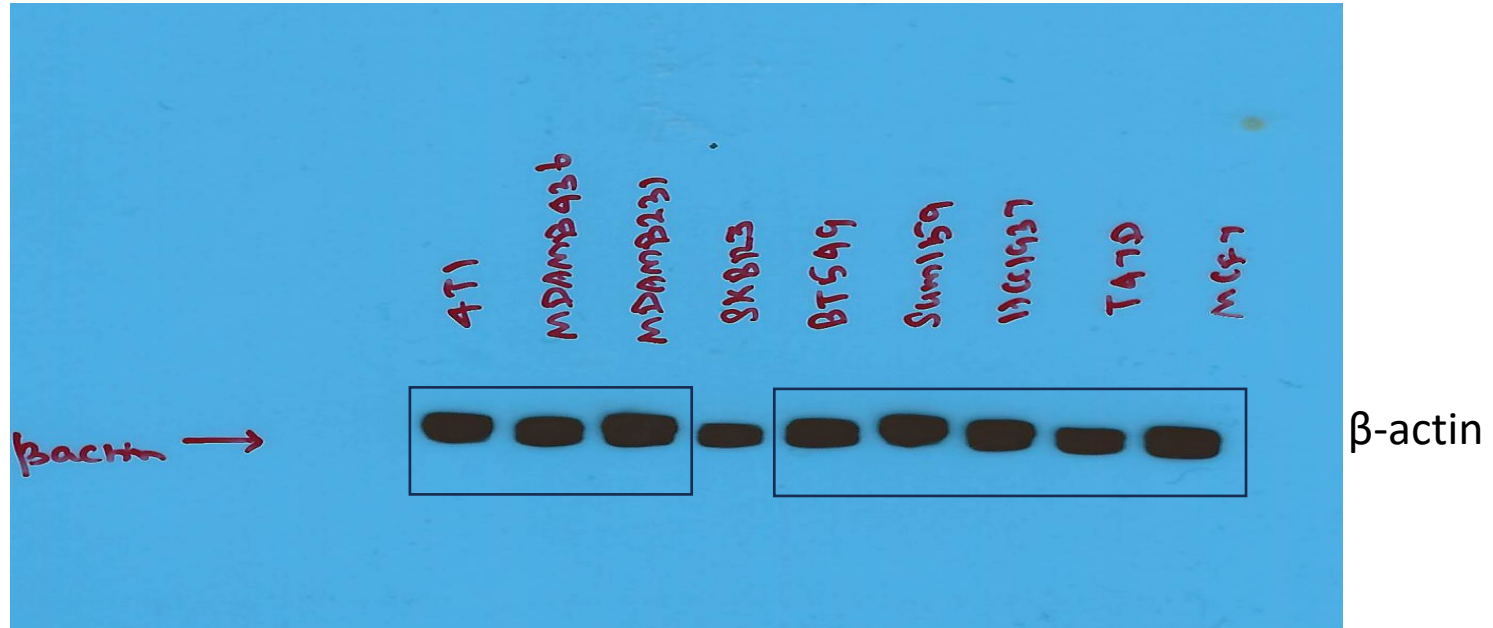
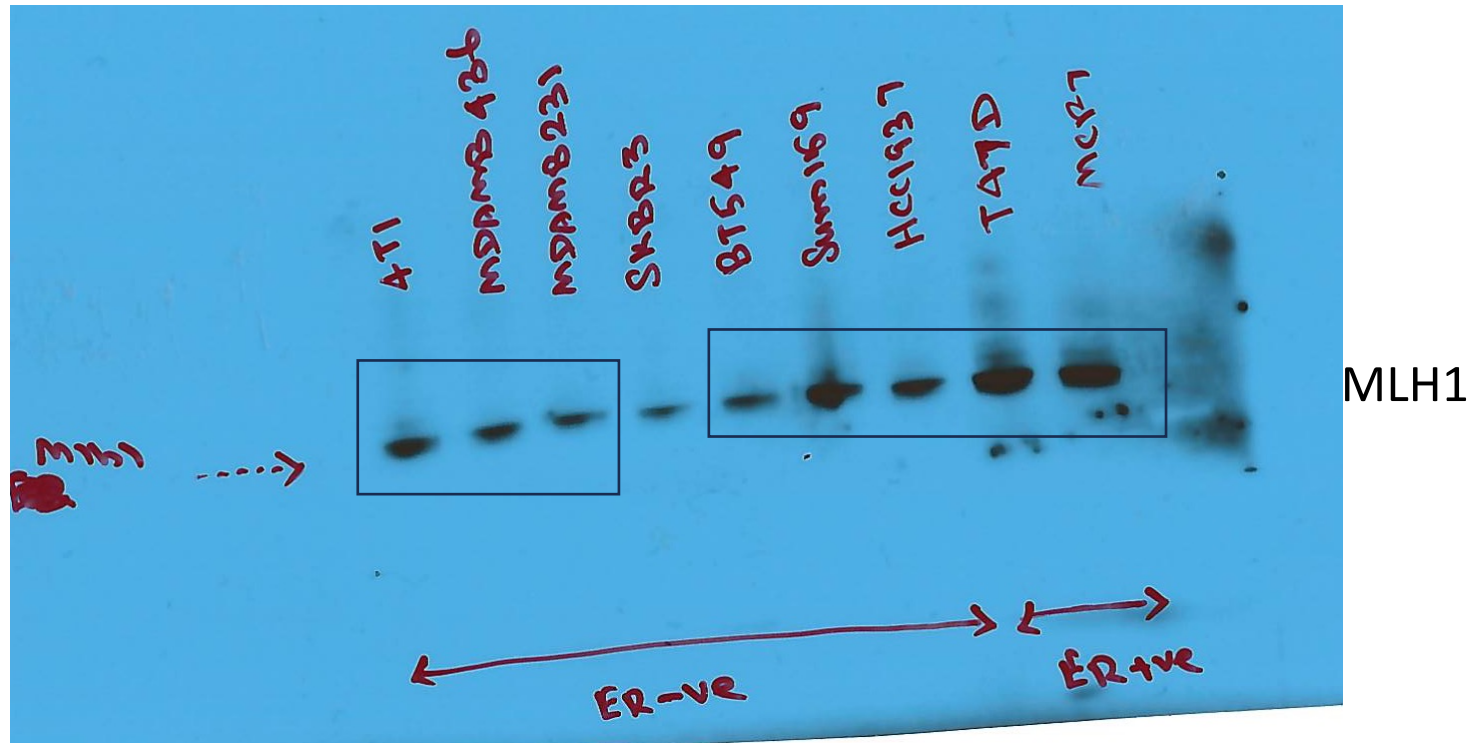


Full unedited blot for Figure 6B



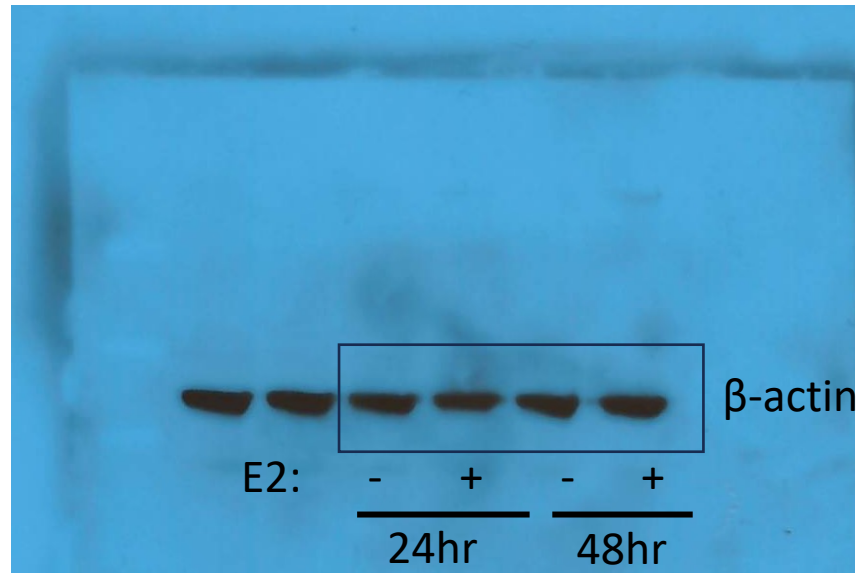
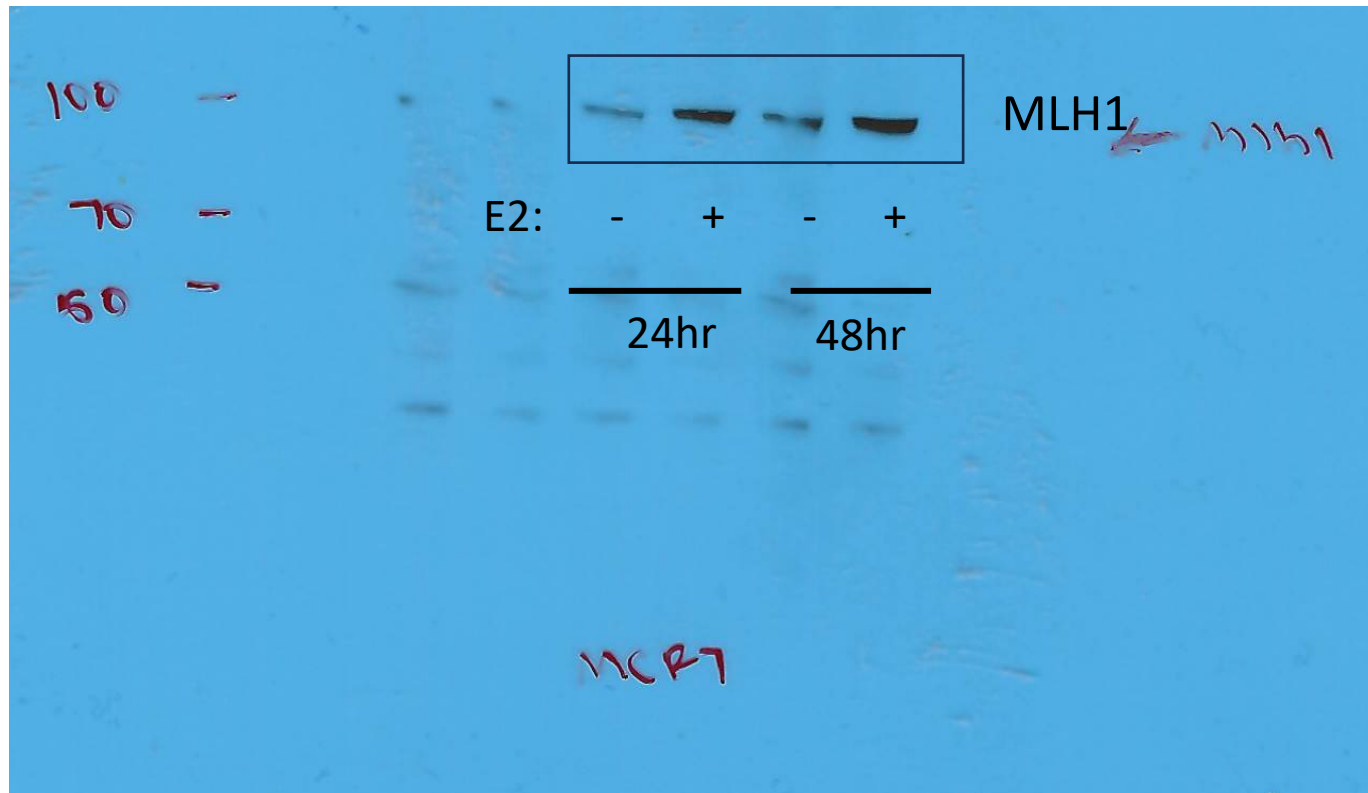


Full unedited blot  
for Figure 7B

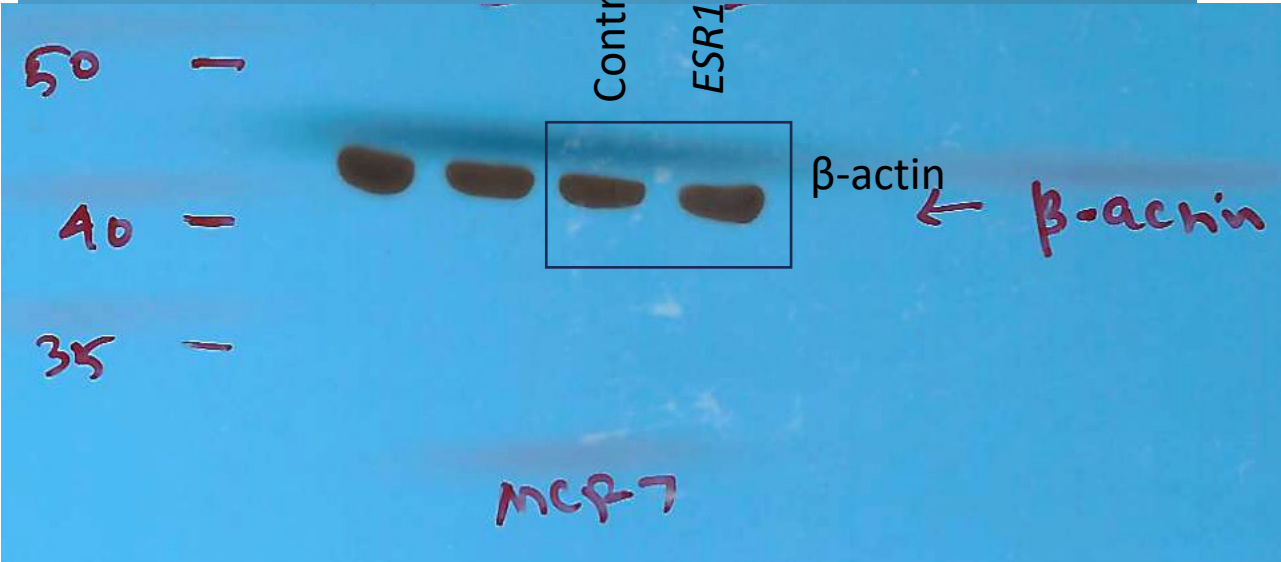
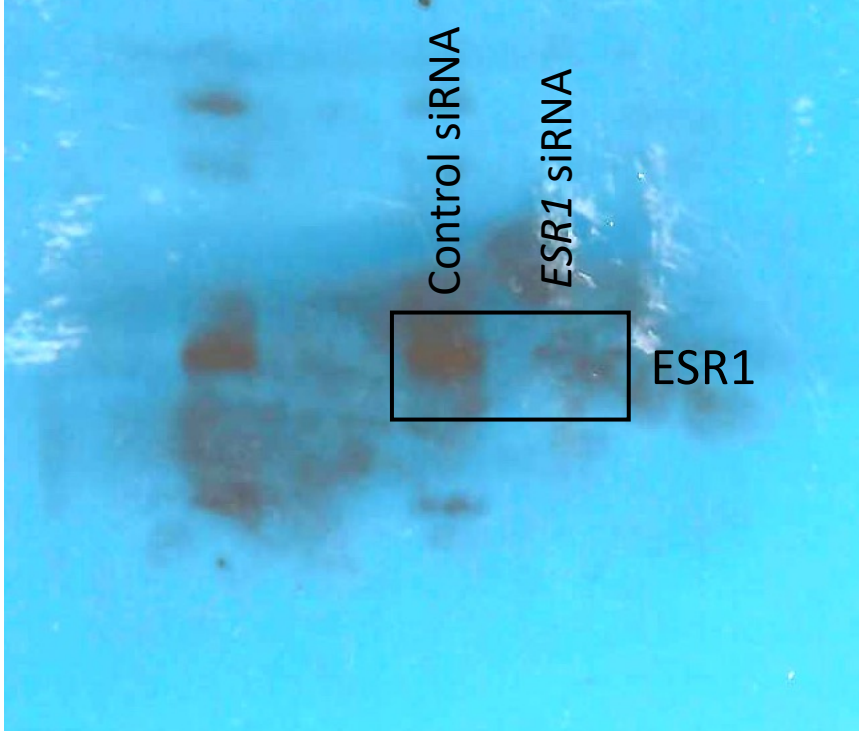
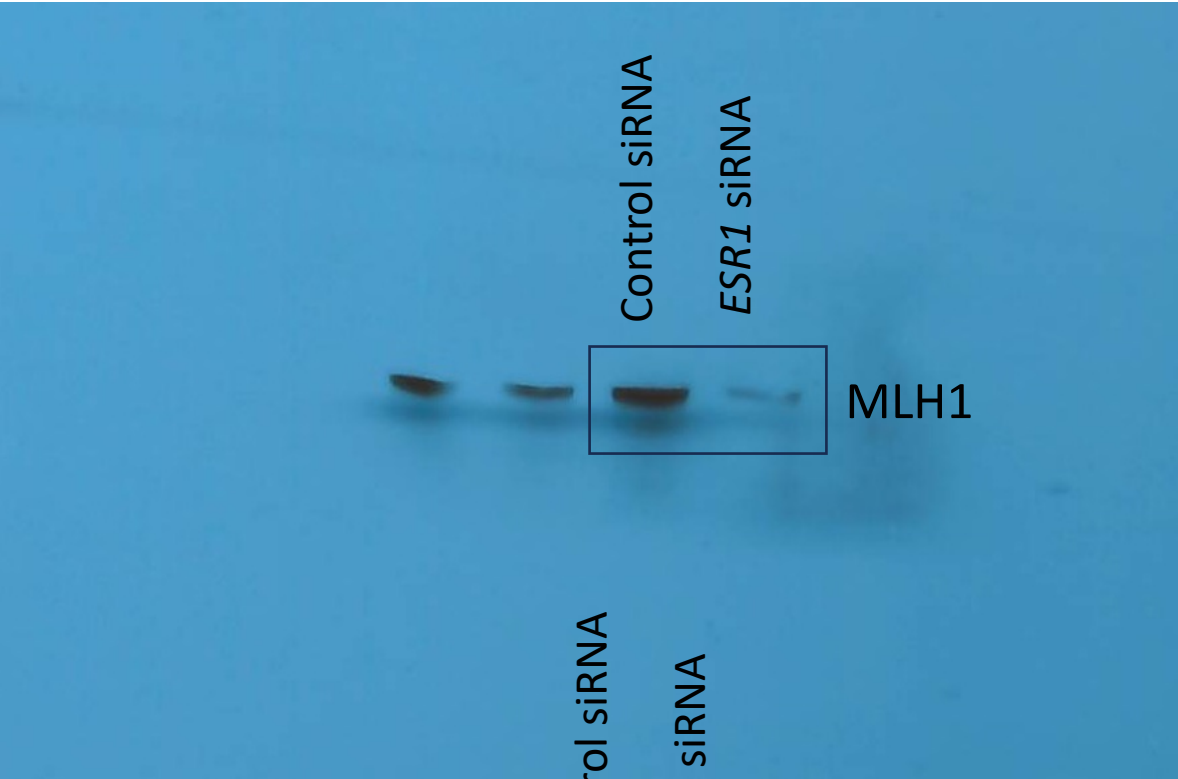




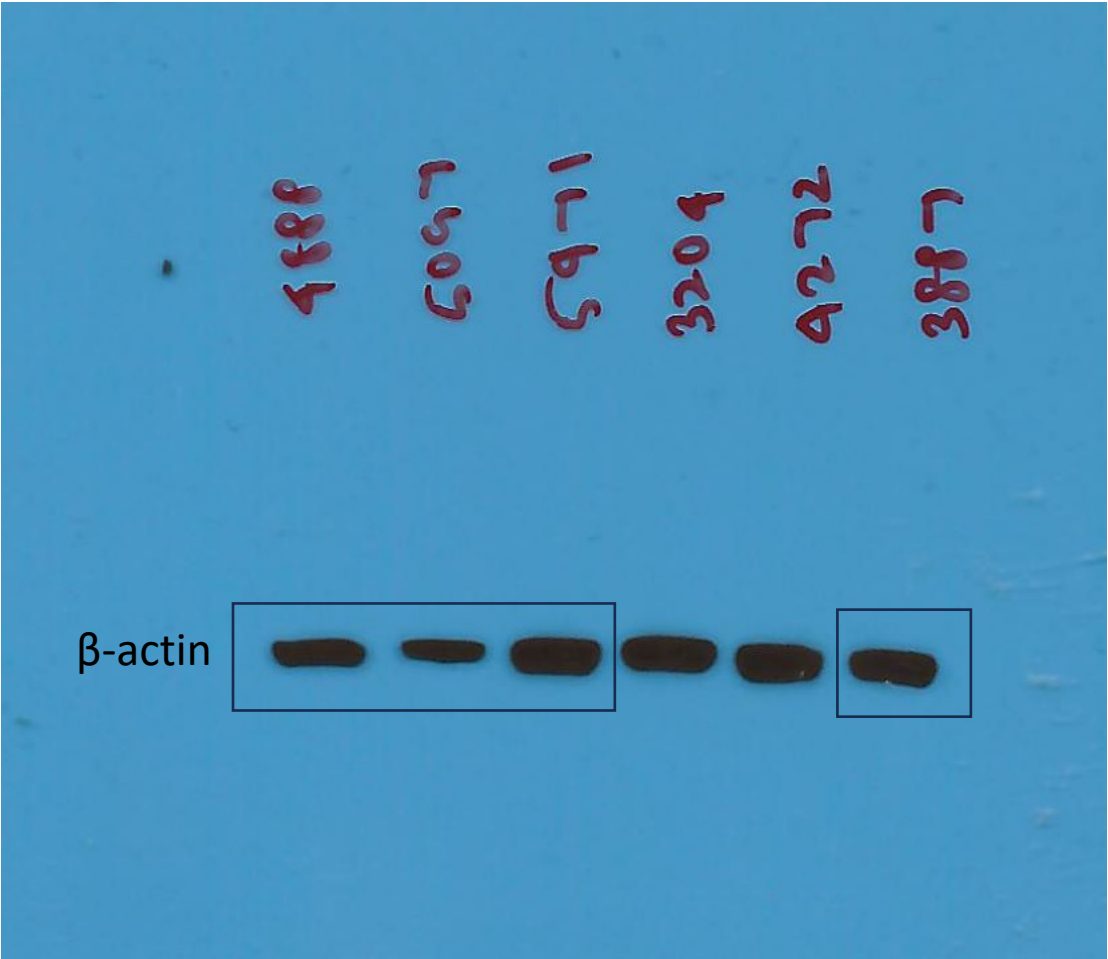
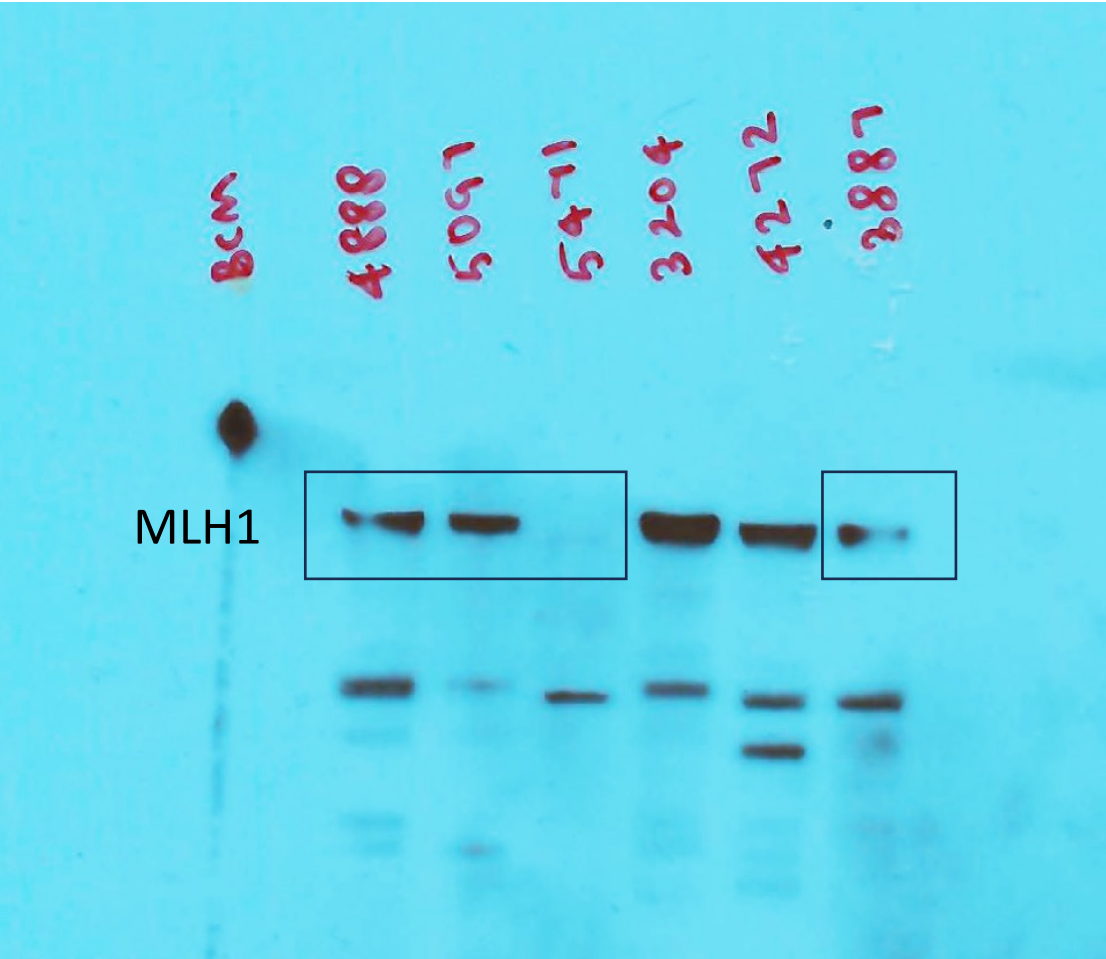
Full unedited blot for Figure 7C



Full unedited blot for Figure 7D



Full unedited blot for Figure 7E



Full unedited  
blot for Figure 7J

