

Figure S1

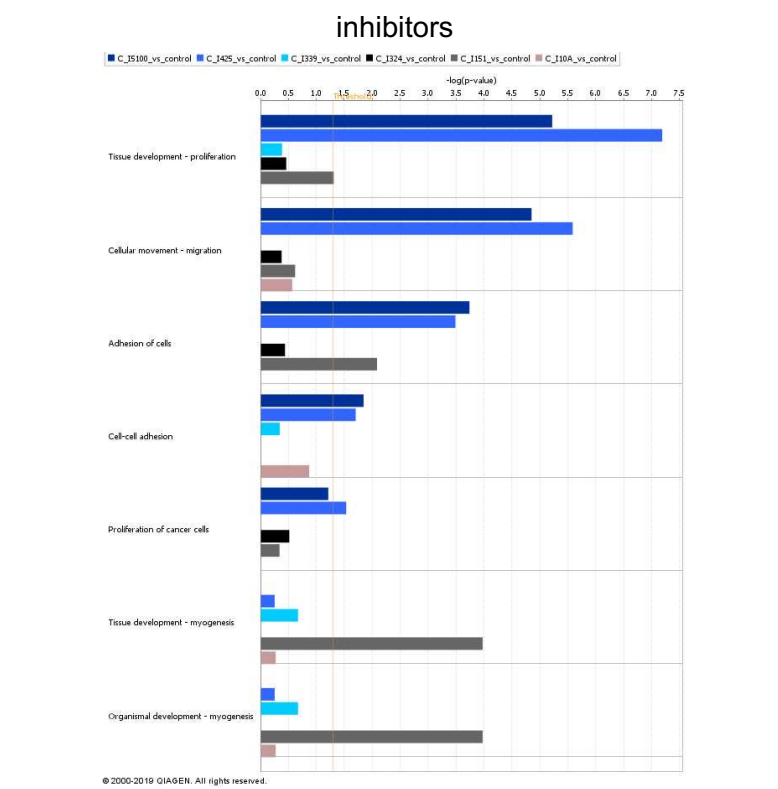
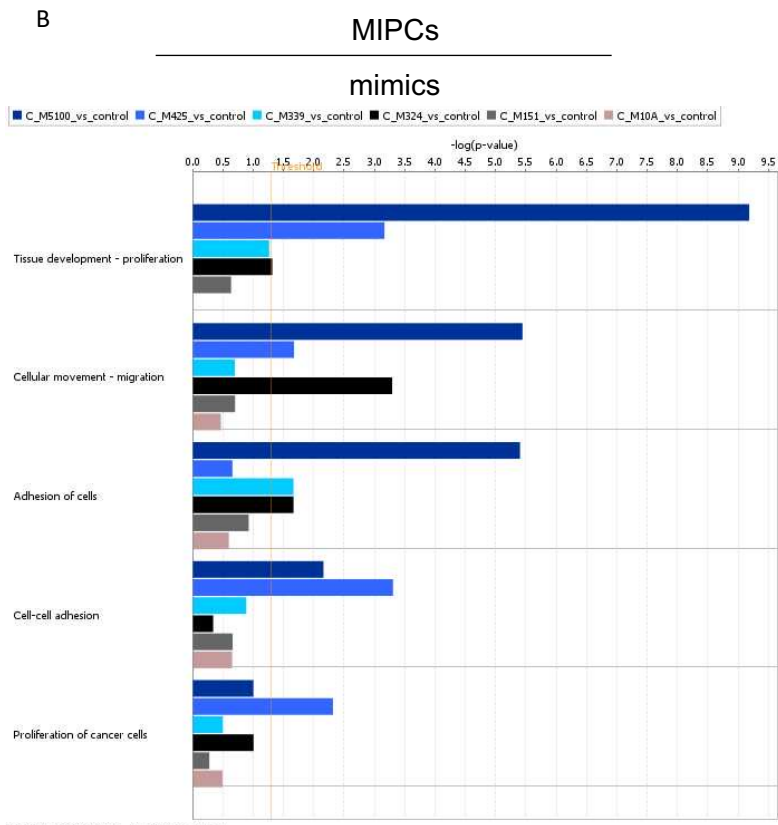
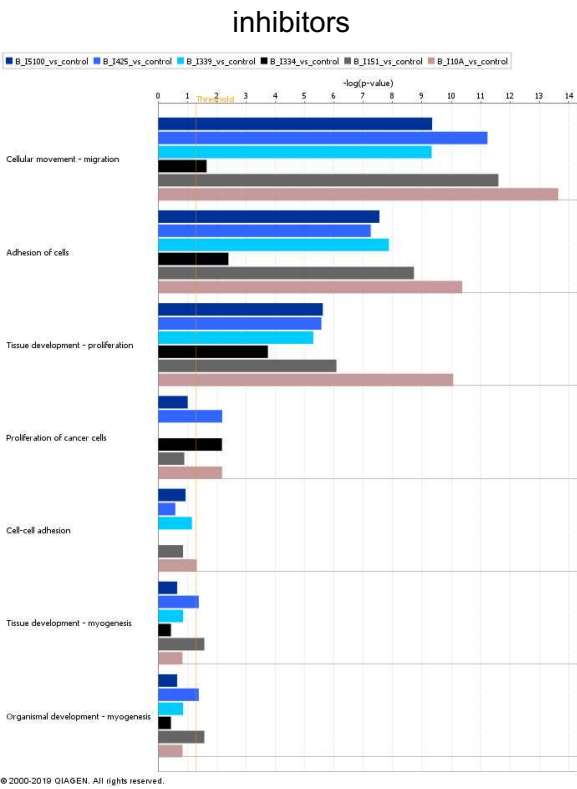
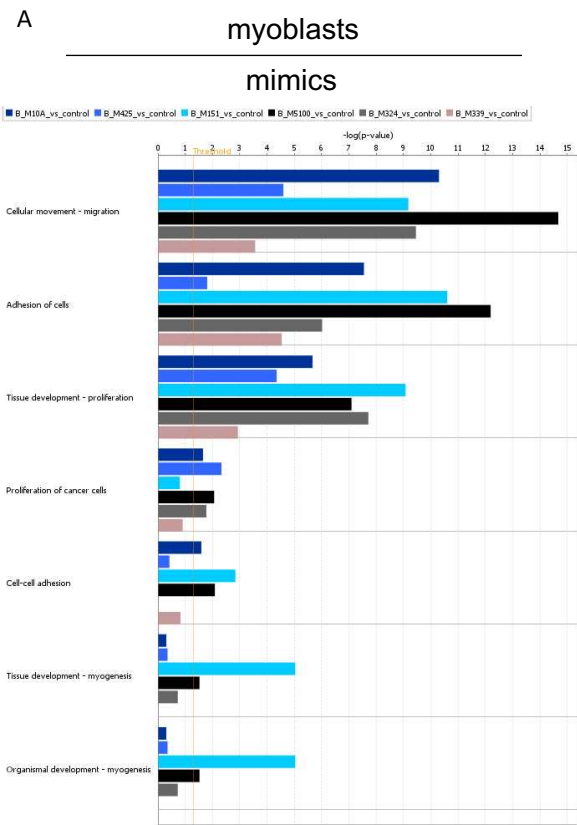
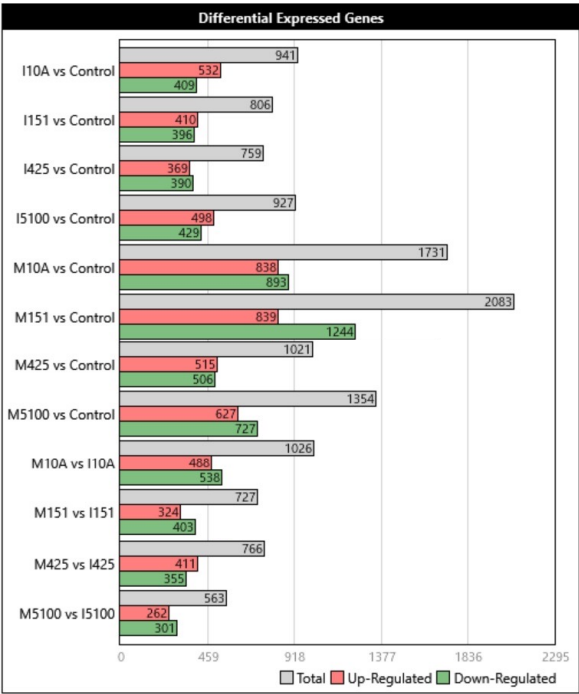


Figure S2

A

myoblasts



MIPCs

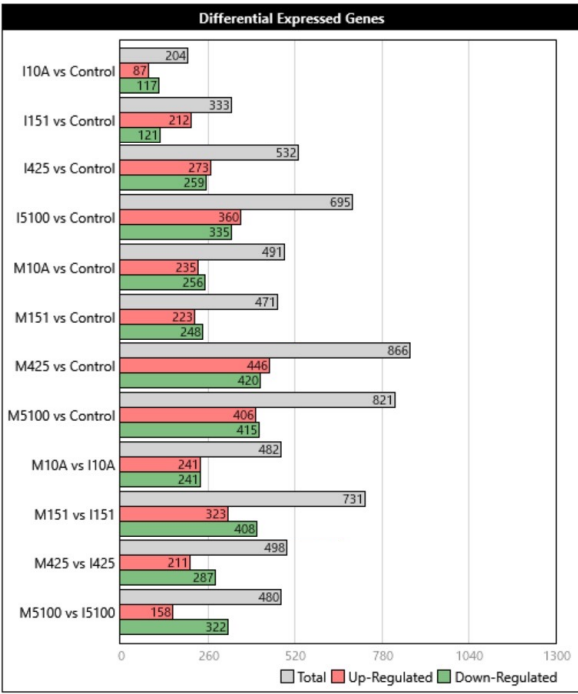


Figure S3

A

	miR10a	miR10a/ inh10a	miR425	miR425/ inh425	miR5100	miR5100/ inh5100
<i>Acta1</i>						
<i>Ilk</i>				↓	↓	
<i>Mmp12</i>						
<i>Dll1</i>						
<i>Jag1</i>						
<i>Jag2</i>						
<i>Hes1</i>						
<i>Hey1</i>						
<i>Pax7</i>						
<i>Myf5</i>						
<i>Myod</i>		↑				
<i>Mef2c</i>						
<i>Myog</i>						
<i>Musk</i>						
<i>Myh3</i>						

B

	miR10a	miR10a/ inh10a	miR425	miR425/ inh425	miR5100	miR5100/ inh5100
<i>Acta1</i>	↓		↓		↓	
<i>Ilk</i>	↑			↓		↓
<i>Mmp12</i>	↓		↓	↓	↓	↓
<i>Dll1</i>	↓		↓		↓	
<i>Jag1</i>						
<i>Jag2</i>			↓	↑	↓	
<i>Hes1</i>						
<i>Hey1</i>	↑					
<i>Pax7</i>	↓		↓	↑	↓	
<i>Myf5</i>	↓		↓	↑	↓	↓
<i>Myod</i>	↓		↓		↓	
<i>Mef2c</i>	↓	↓	↓		↓	↓
<i>Myog</i>	↓		↓		↓	
<i>Musk</i>	↓		↓		↓	
<i>Myh3</i>	↓		↓		↓	

Figure S3

C

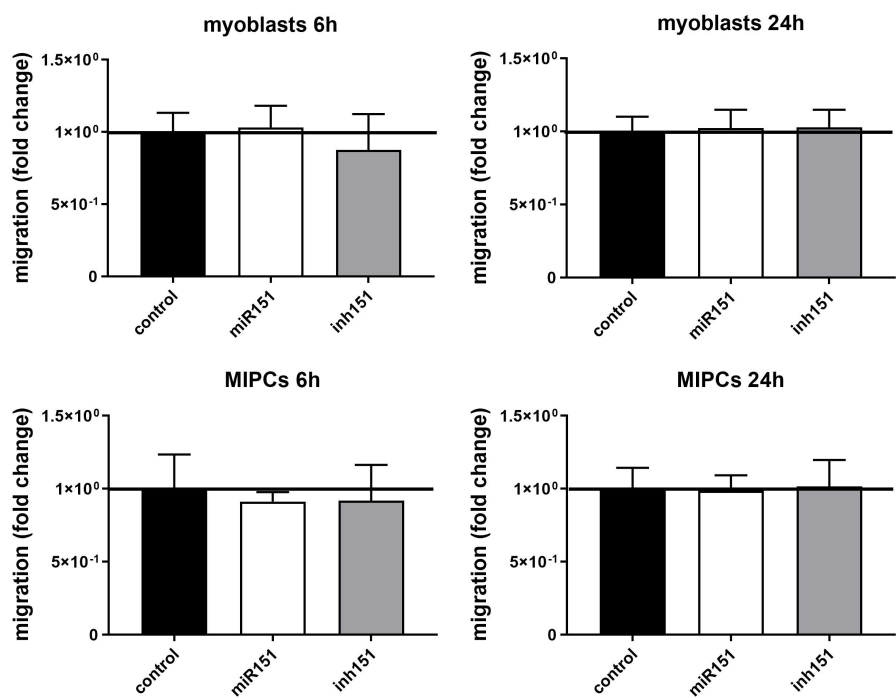
	miR10a	miR425	miR5100
<i>Acta1</i>			
<i>Ilk</i>			
<i>Mmp12</i>			
<i>Dll1</i>			
<i>Jag1</i>			
<i>Jag2</i>			
<i>Hes1</i>			
<i>Hey1</i>			
<i>Pax7</i>			
<i>Myf5</i>			
<i>Myod</i>			
<i>Mef2c</i>			
<i>Myog</i>			
<i>Musk</i>			
<i>Myh3</i>			

D

	miR10a	miR425	miR5100
<i>Acta1</i>			↓
<i>Ilk</i>			
<i>Mmp12</i>			
<i>Dll1</i>			
<i>Jag1</i>			
<i>Jag2</i>			
<i>Hes1</i>		↑	
<i>Hey1</i>			
<i>Pax7</i>			
<i>Myf5</i>		↓	↓
<i>Myod</i>			
<i>Mef2c</i>			↓
<i>Myog</i>			
<i>Musk</i>			
<i>Myh3</i>			

Figure S4

A



B

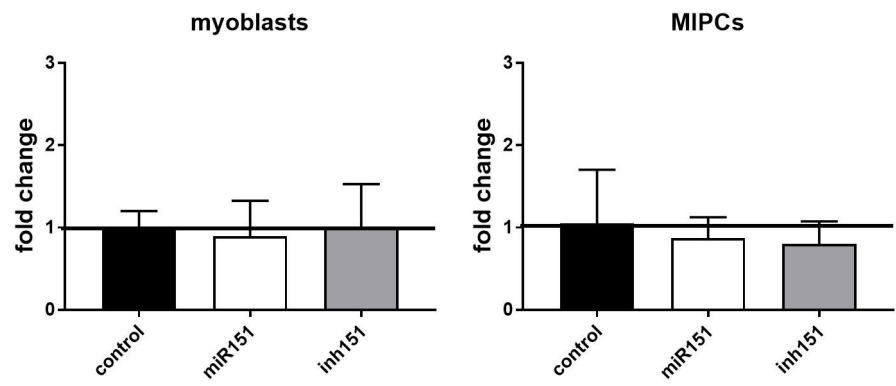
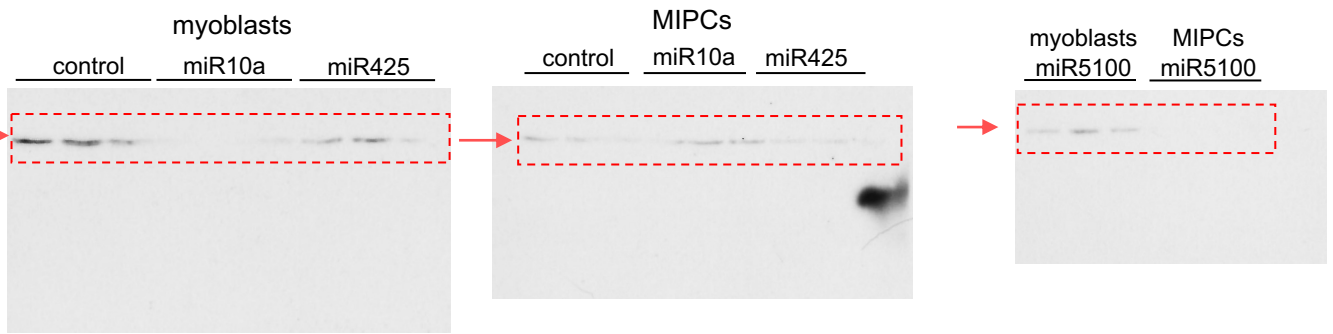
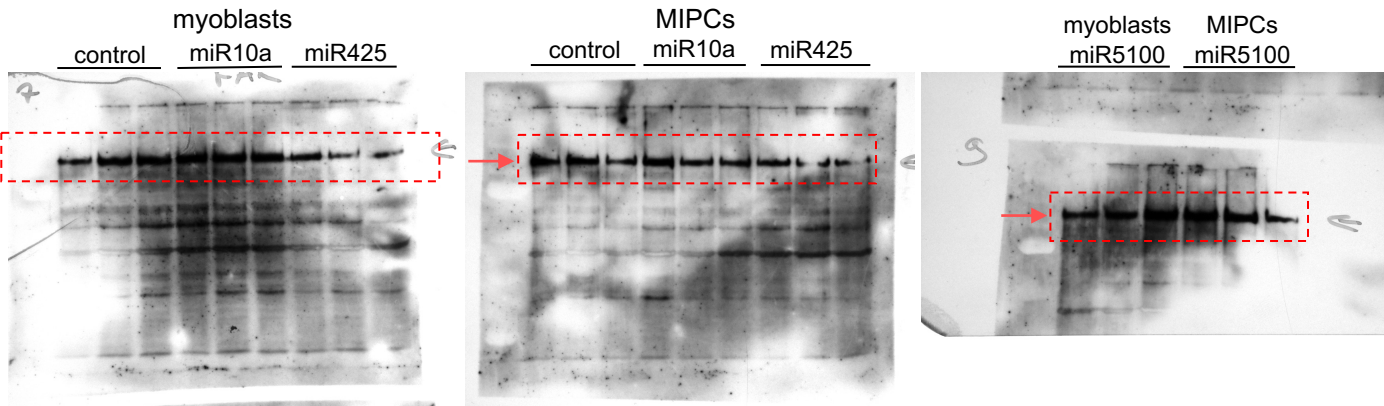


Figure S5

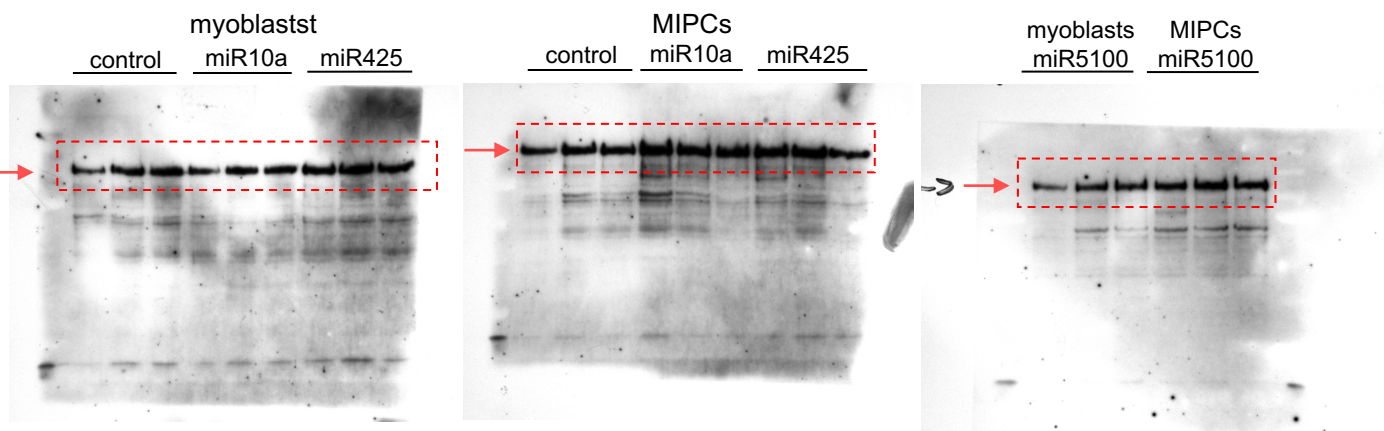
A NICD (~110 KDa)



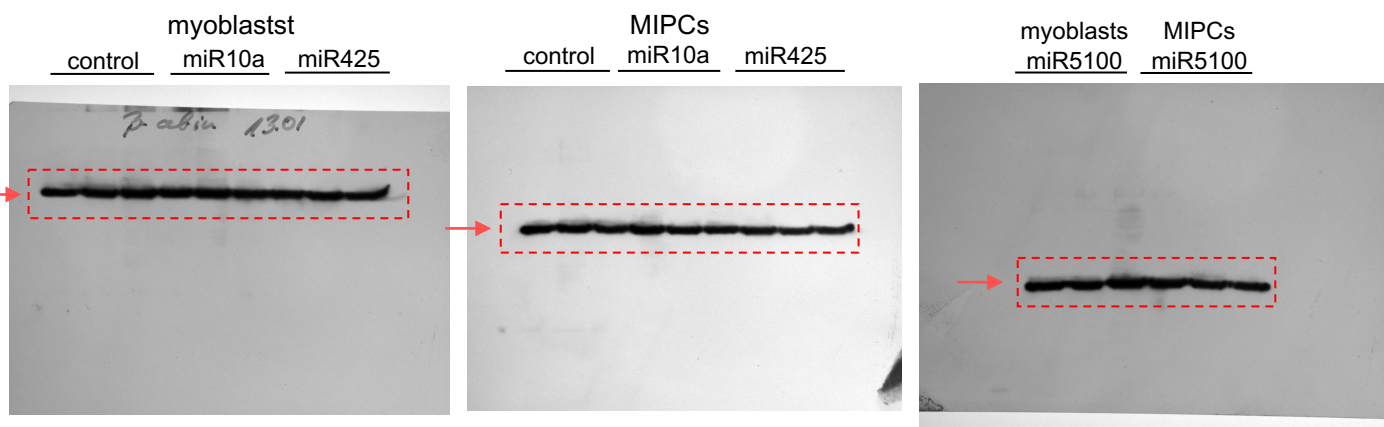
B FAK (~120 KDa)



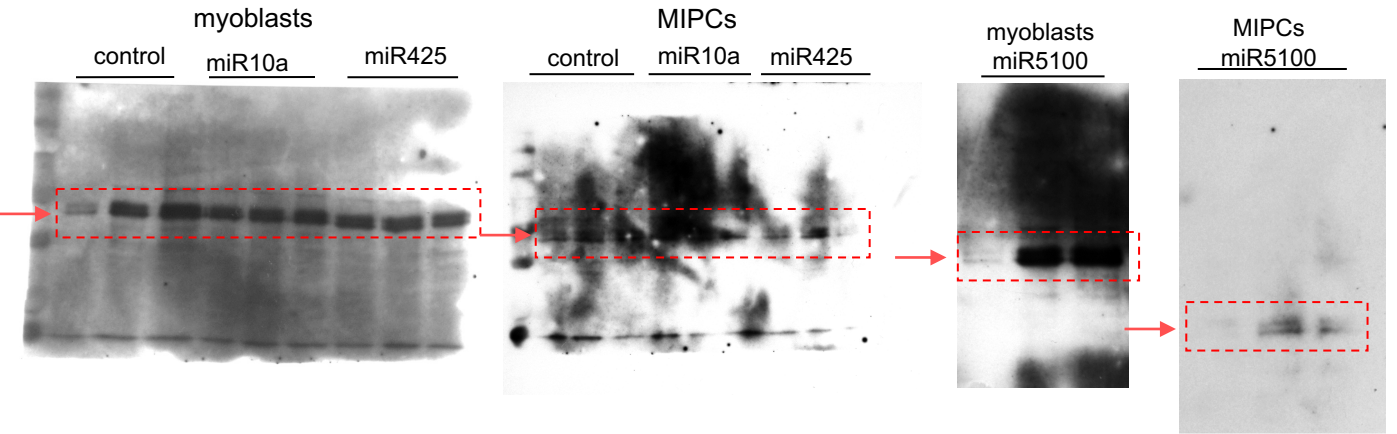
C pFAK (~120 KDa)



D β -actin (~40 KDa)



E MYOD (~45 KDa)



F α -tubulin (~50 KDa)

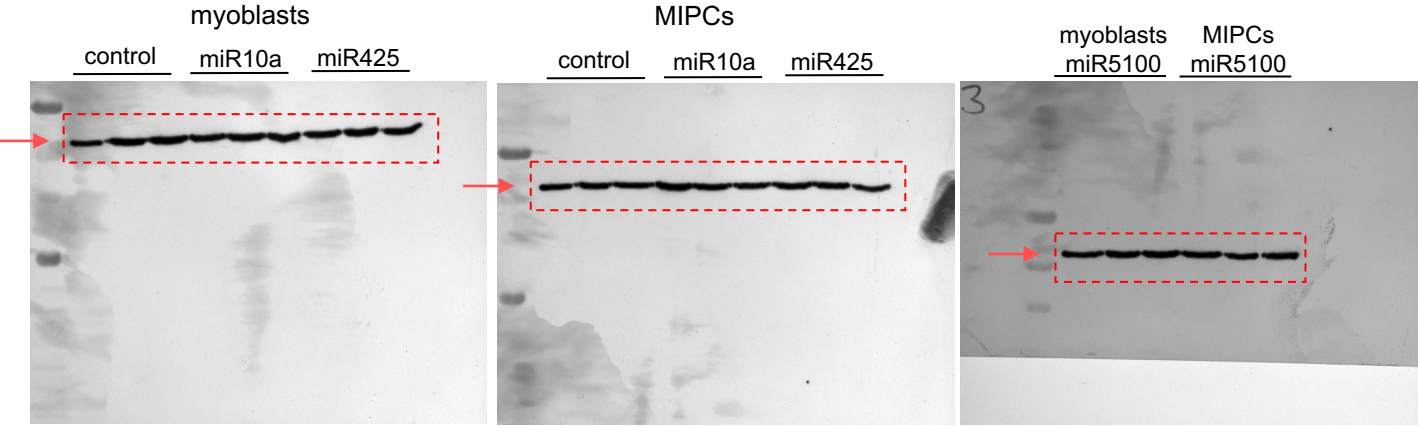
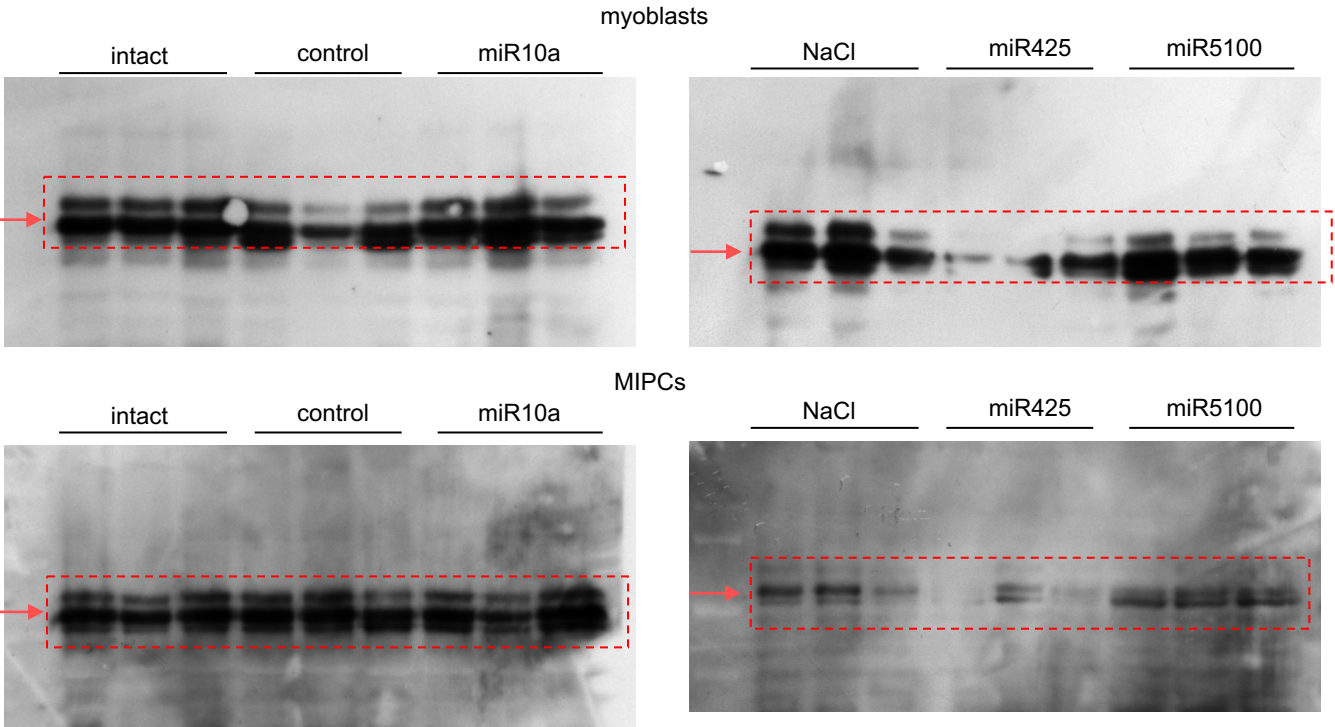
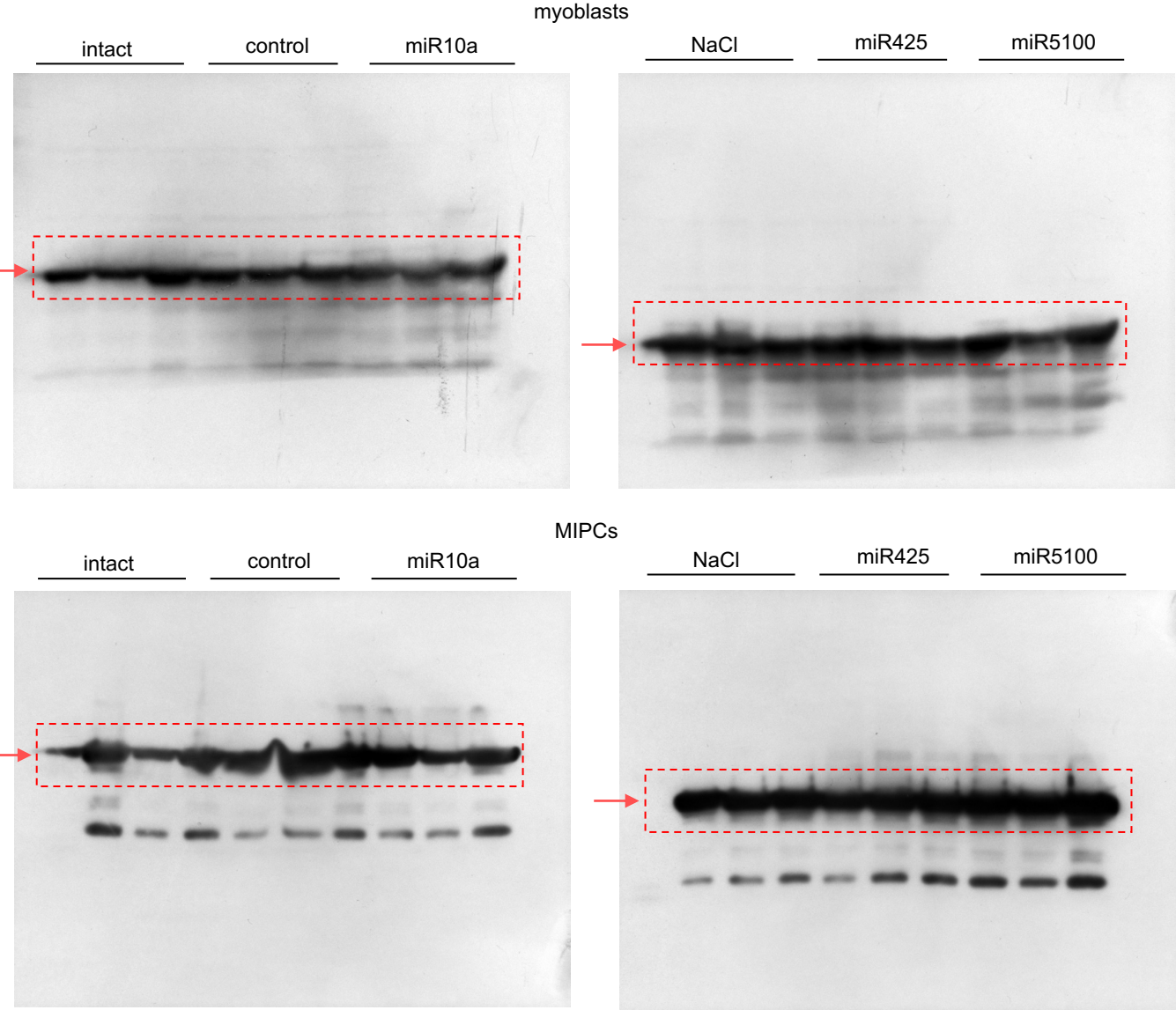


Figure S6

A MYOD (~45 KDa)



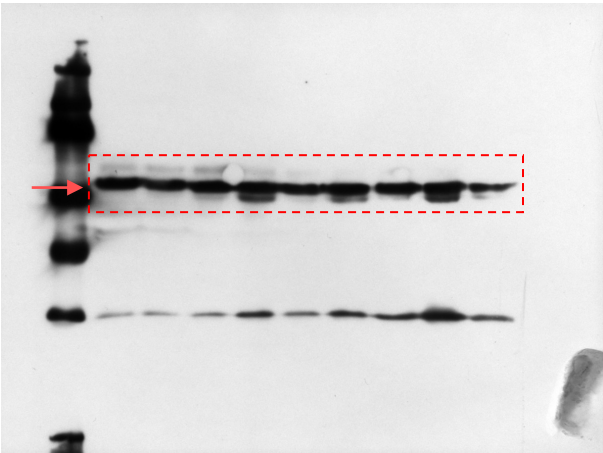
B MCK (~45 KDa)



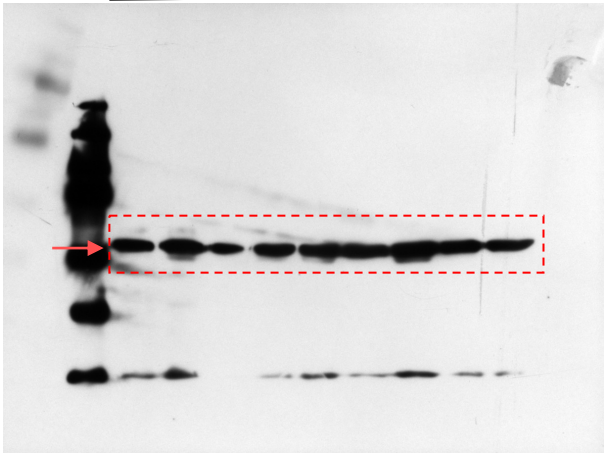
C α -tubulin (~50 KDa)

myoblasts

intact control miR10a

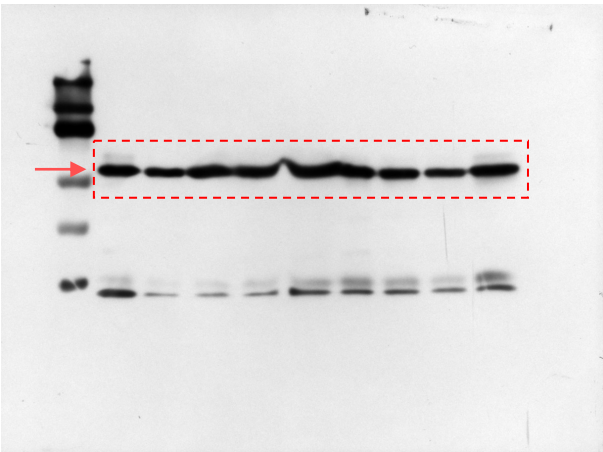


NaCl miR425 miR5100



MIPCs

intact control miR10a



NaCl miR425 miR5100

