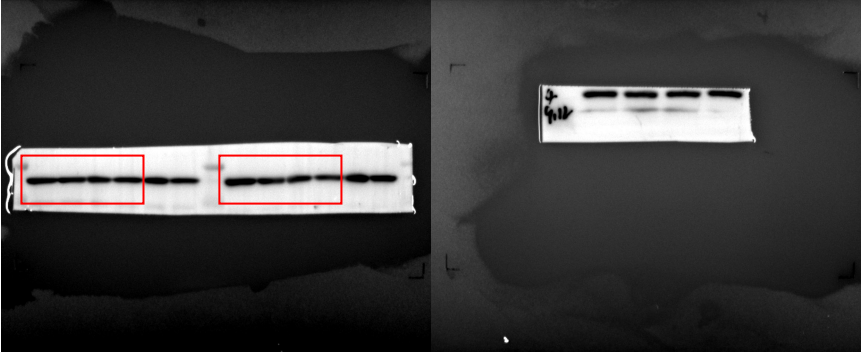
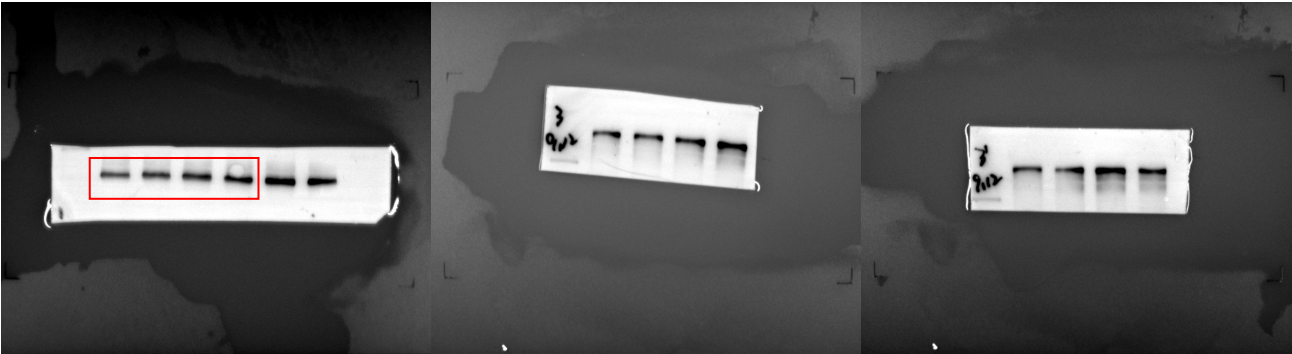
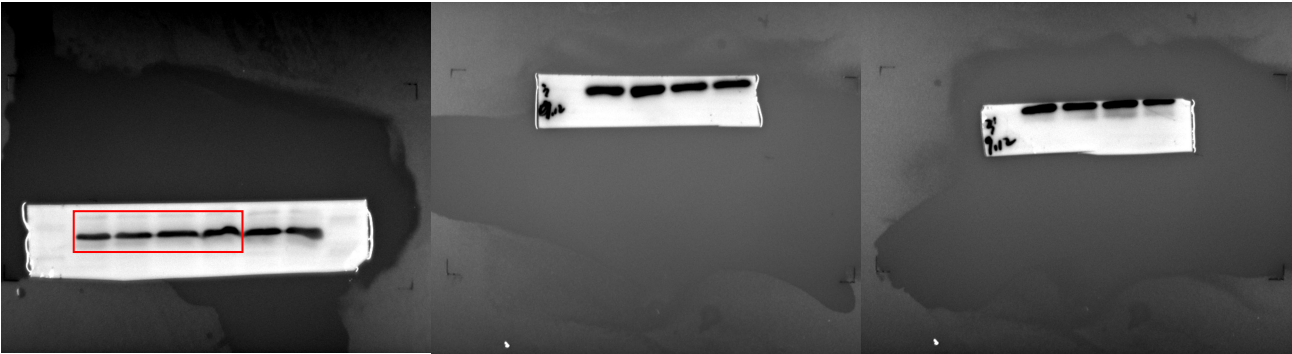
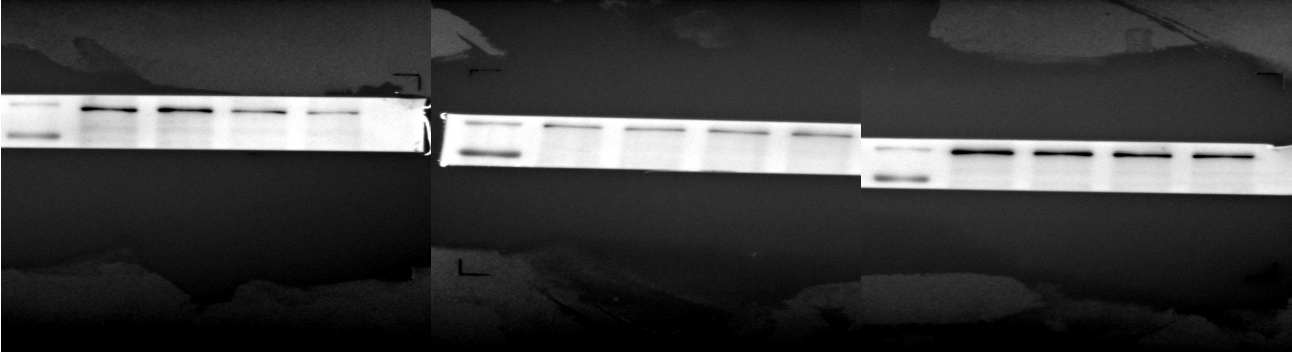
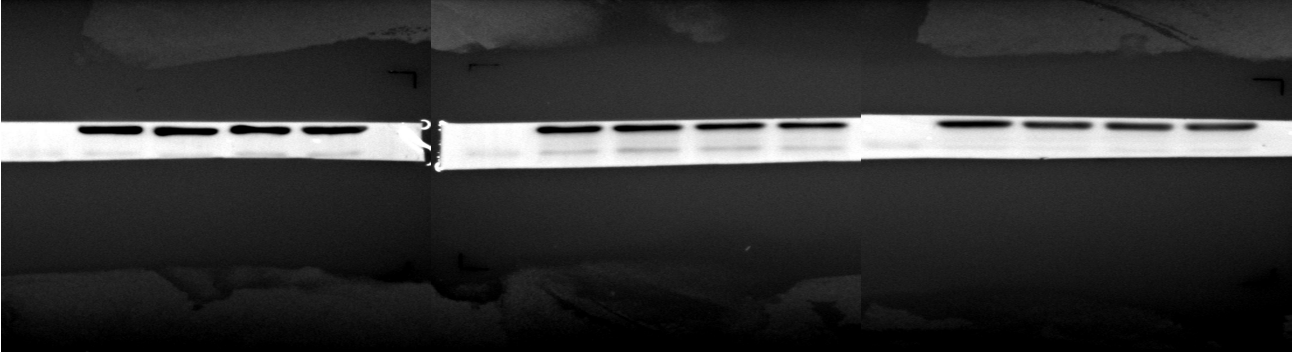
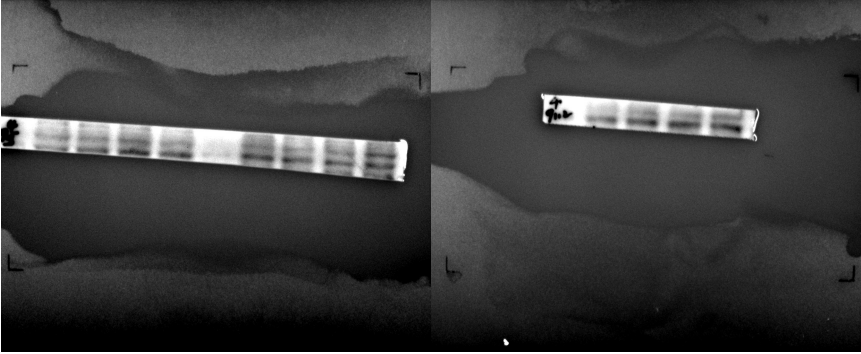
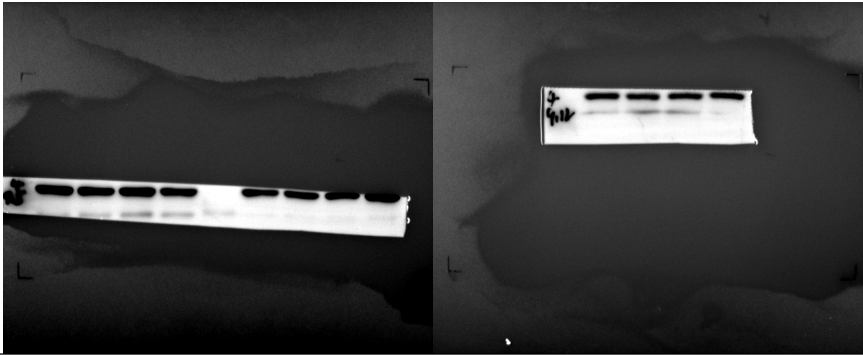
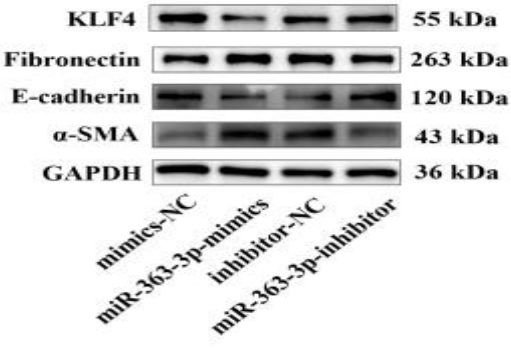


Gene	Each gene with 2-3 figures showed three times repeated experiment, the red box indicates the bands used for analysis in this study	5 channels: Marker,0 μM CdCl₂,5 μM CdCl₂,10 μM CdCl₂,15 μM CdCl₂ 7 channels: Marker,0 μM CdCl₂,5 μM CdCl₂,10 μM CdCl₂,15 μM CdCl₂, 20 μM CdCl₂,25 μM CdCl₂ 15 channels: Marker,0 μM CdCl₂,5 μM CdCl₂,10 μM CdCl₂,15 μM CdCl₂, 20 μM CdCl₂,25 μM CdCl₂,Marker,0 μM CdCl₂,5 μM CdCl₂,10 μM CdCl₂,15 μM CdCl₂, 20 μM CdCl₂,25 μM CdCl₂,Marker,
the relevant Figure 1f in manuscript	f KLF4 55 kDa Fibronectin 263 kDa E-cadherin 120 kDa α-SMA 43 kDa GAPDH 36 kDa 0 5 10 15 CdCl₂ (μM)	
KLF4		

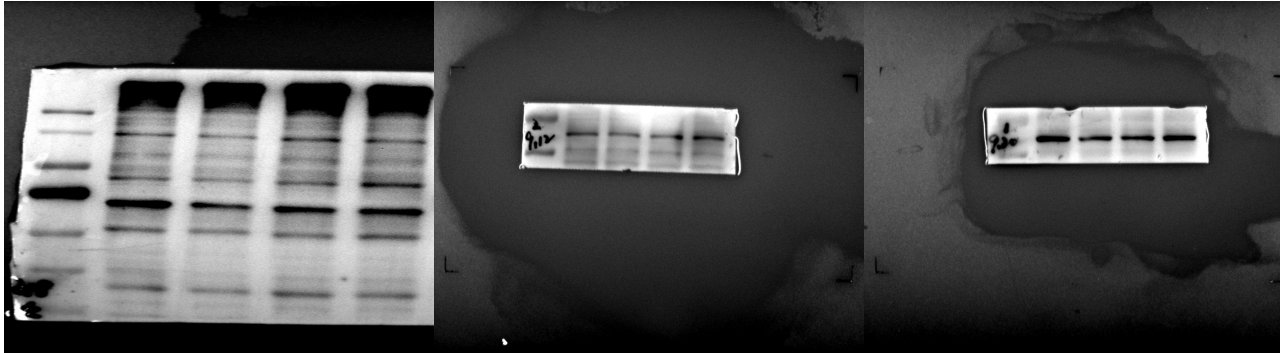
GAPDH corresponding to KLF4	
Fibronectin	
GAPDH corresponding to Fibronectin	

E-cadherin	
GAPDH corresponding to E-cadherin	
α-SMA	

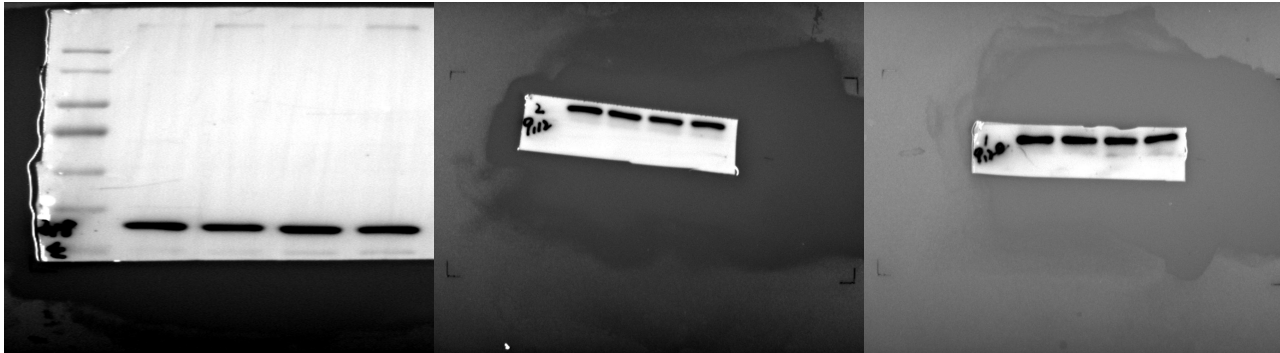
GAPDH corresponding to α-SMA	
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Gene	Each gene with 3 figures showed three times repeated experiment	5 channels: Marker,Mimics-NC,miR-363-3p-mimics,Inhibitor-NC,MiR-363-3p-inhibitor
the relevant Figure 2h in manuscript	h  KLF4 55 kDa Fibronectin 263 kDa E-cadherin 120 kDa α-SMA 43 kDa GAPDH 36 kDa mimics-NC miR-363-3p-mimics inhibitor-NC miR-363-3p-inhibitor	

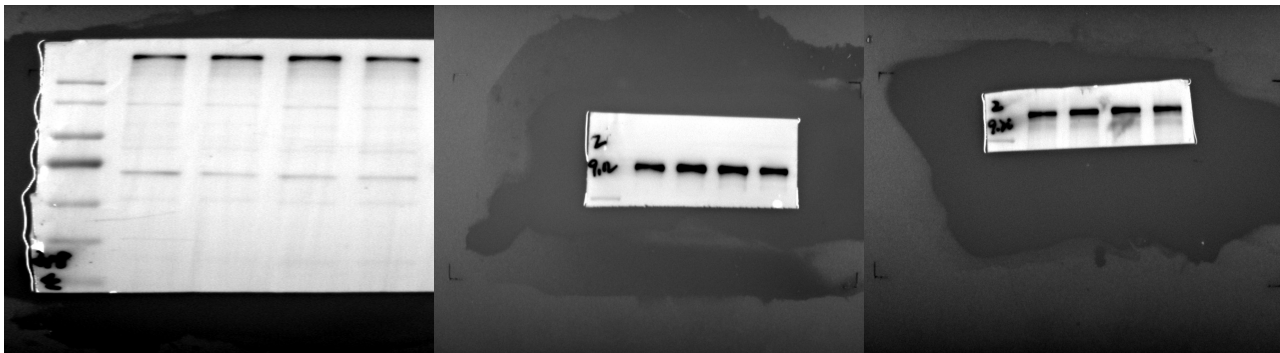
KLF4

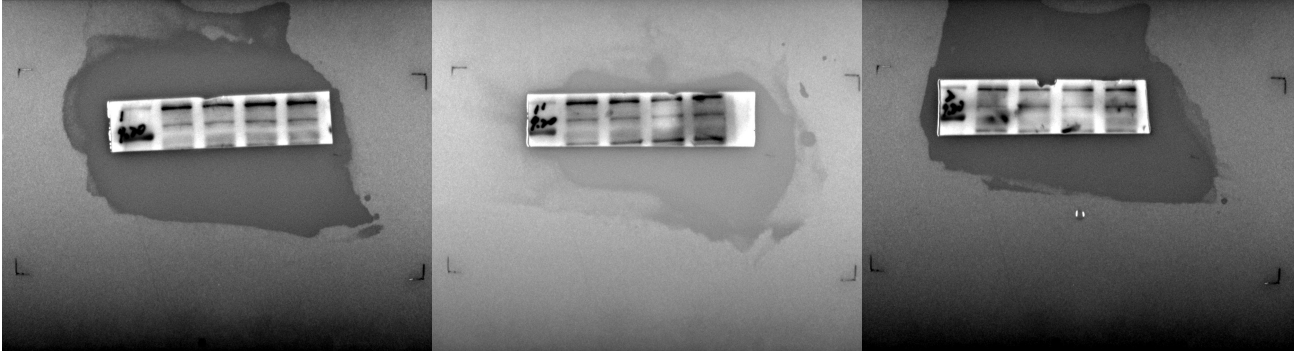
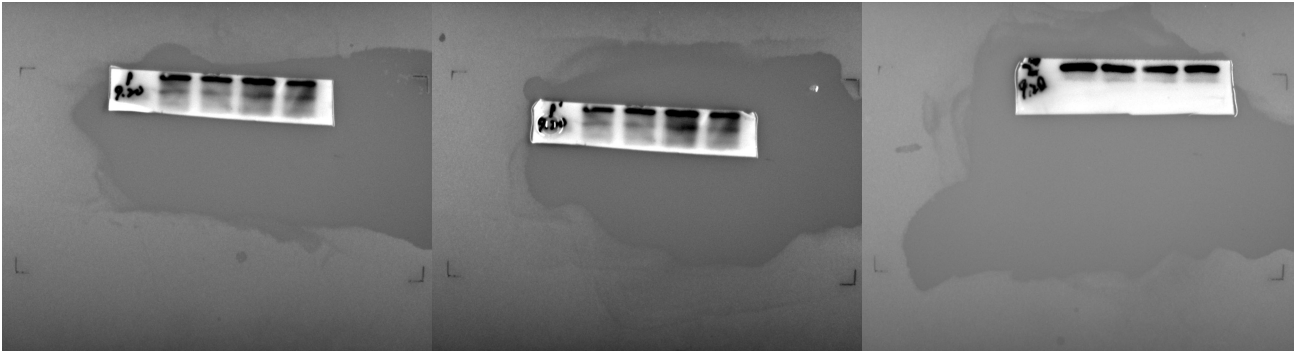


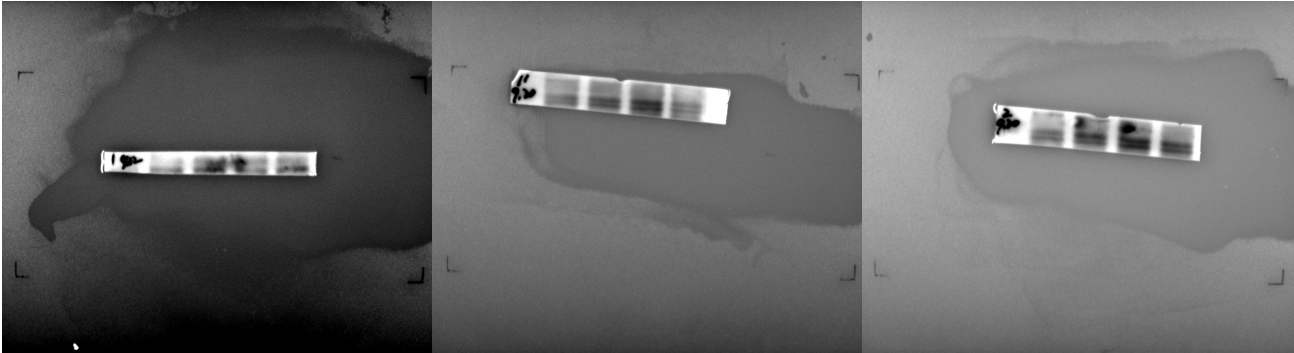
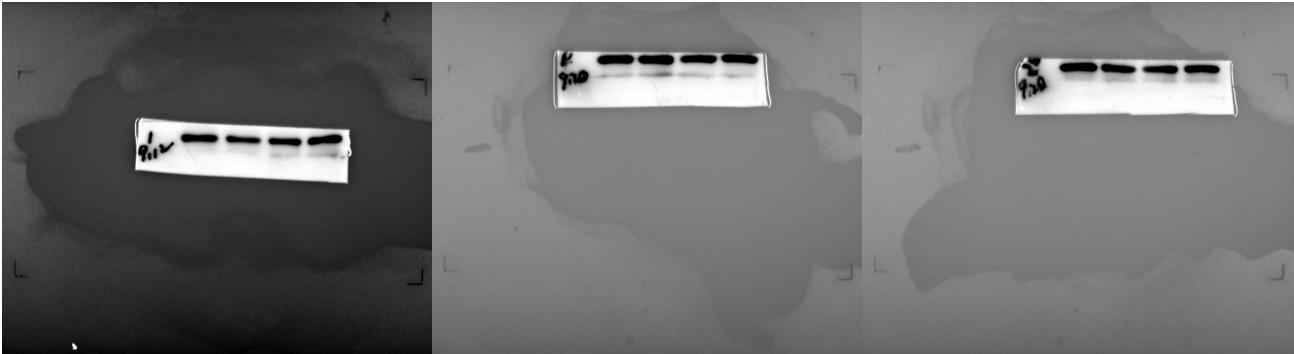
GAPDH
corresponding to
KLF4

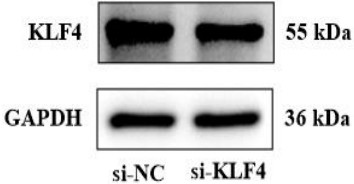
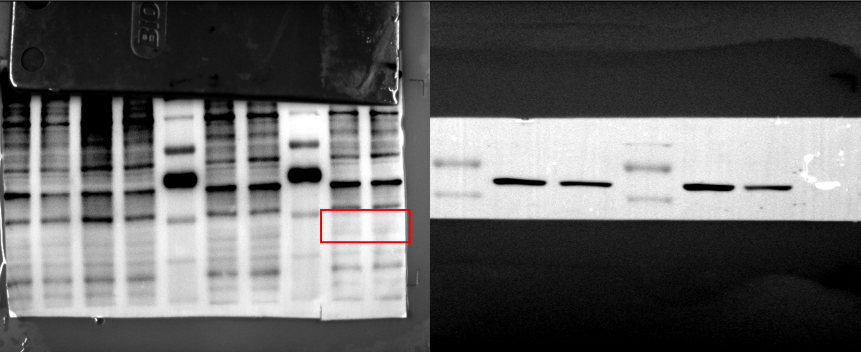
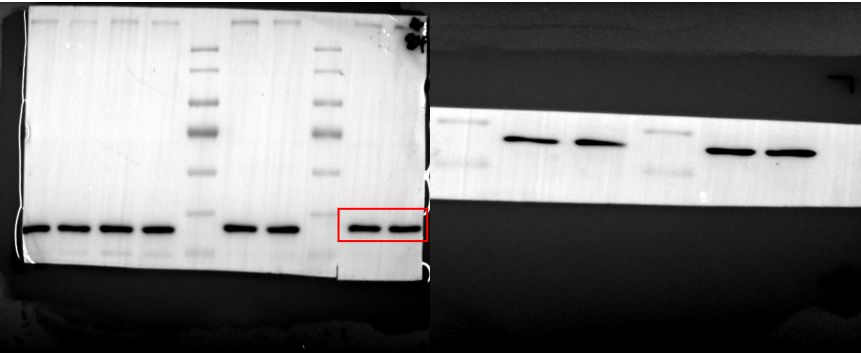


Fibronectin



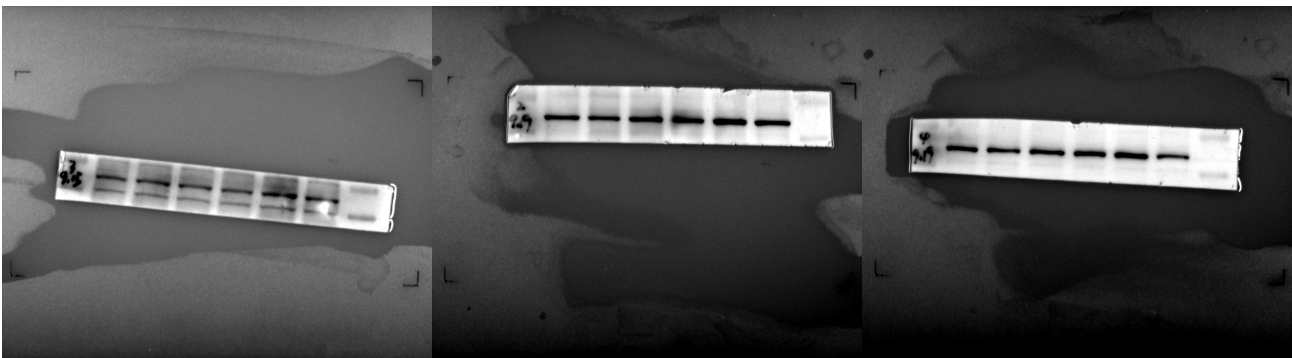
GAPDH corresponding to Fibronectin	
E-cadherin	
GAPDH corresponding to E-cadherin	

α -SMA	
GAPDH corresponding to α -SMA	

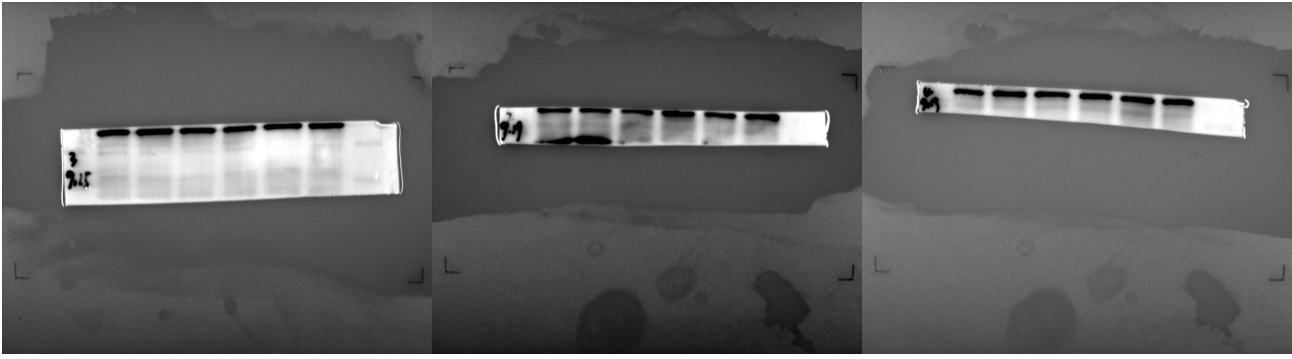
Gene	Each gene with 2 figures showed three times repeated experiment, the red box indicates the bands used for analysis in this study	6 channels: Marker,si-NC,si-KLF4,Marker,si-NC,si-KLF4 10 channels: Mimics-NC,miR-363-3p-mimics,Inhibitor-NC,MiR-363-3p-inhibitor, Marker,si-NC,si-KLF4,Marker,si-NC,si-KLF4
the relevant Figure 3f in manuscript	f  KLF4 55 kDa GAPDH 36 kDa si-NC si-KLF4	
KLF4		
GAPDH corresponding to KLF4		

Gene	Each gene with 3 figures showed three times repeated experiment	8 channels: Marker,15 μ M CdCl ₂ ,15 μ M CdCl ₂ +Inhibitor-NC,15 μ M CdCl ₂ +MiR-363-3p-inhibitor, 15 μ M CdCl ₂ +MiR-363-3p-inhibitor+siNC, 15 μ M CdCl ₂ +MiR-363-3p-inhibitor+siKLF4 10 channels: Marker,Mimics-NC,miR-363-3p-mimics,Inhibitor-NC,MiR-363-3p-inhibitor, Marker,Mimics-NC,miR-363-3p-mimics,Inhibitor-NC,MiR-363-3p-inhibitor																																																																													
the relevant Figure 3c and 3i in manuscript	C <table><tr><td>KLF4</td><td></td><td></td><td></td><td></td><td>55 kDa</td></tr><tr><td>Fibronectin</td><td></td><td></td><td></td><td></td><td>263 kDa</td></tr><tr><td>E-cadherin</td><td></td><td></td><td></td><td></td><td>120 kDa</td></tr><tr><td>α-SMA</td><td></td><td></td><td></td><td></td><td>43 kDa</td></tr><tr><td>GAPDH</td><td></td><td></td><td></td><td></td><td>36 kDa</td></tr></table><table><tr><td>15 μM CdCl₂</td><td>-</td><td>+</td><td>+</td><td>+</td></tr><tr><td>miR-363-3p inhibitor-NC</td><td>-</td><td>-</td><td>+</td><td>-</td></tr><tr><td>miR-363-3p inhibitor</td><td>-</td><td>-</td><td>-</td><td>+</td></tr></table> i <table><tr><td>KLF4</td><td></td><td></td><td>55 kDa</td></tr><tr><td>Fibronectin</td><td></td><td></td><td>263 kDa</td></tr><tr><td>E-cadherin</td><td></td><td></td><td>120 kDa</td></tr><tr><td>α-SMA</td><td></td><td></td><td>43 kDa</td></tr><tr><td>GAPDH</td><td></td><td></td><td>36 kDa</td></tr></table><table><tr><td>15 μM CdCl₂</td><td>+</td><td>+</td></tr><tr><td>miR-363-3p inhibitor</td><td>+</td><td>+</td></tr><tr><td>si-NC</td><td>+</td><td>-</td></tr><tr><td>si-KLF4</td><td>-</td><td>+</td></tr></table>		KLF4					55 kDa	Fibronectin					263 kDa	E-cadherin					120 kDa	α-SMA					43 kDa	GAPDH					36 kDa	15 μ M CdCl ₂	-	+	+	+	miR-363-3p inhibitor-NC	-	-	+	-	miR-363-3p inhibitor	-	-	-	+	KLF4			55 kDa	Fibronectin			263 kDa	E-cadherin			120 kDa	α-SMA			43 kDa	GAPDH			36 kDa	15 μ M CdCl ₂	+	+	miR-363-3p inhibitor	+	+	si-NC	+	-	si-KLF4	-	+
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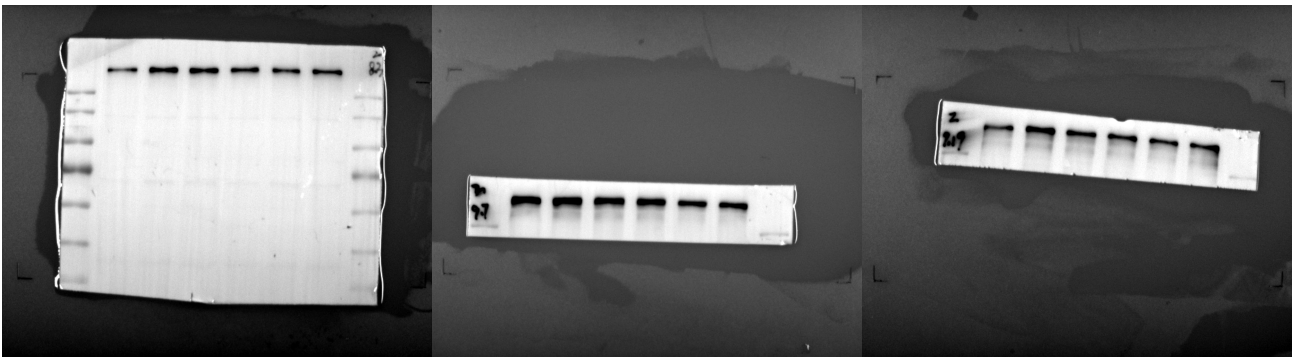
KLF4

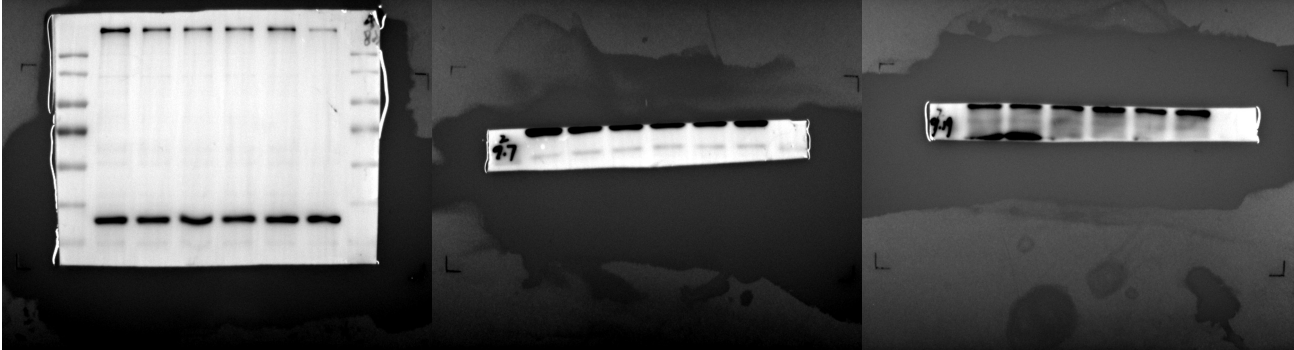
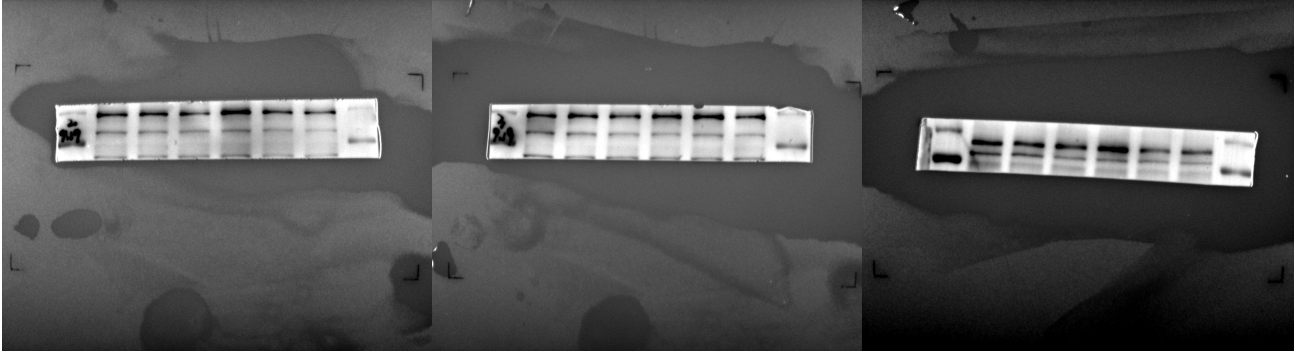
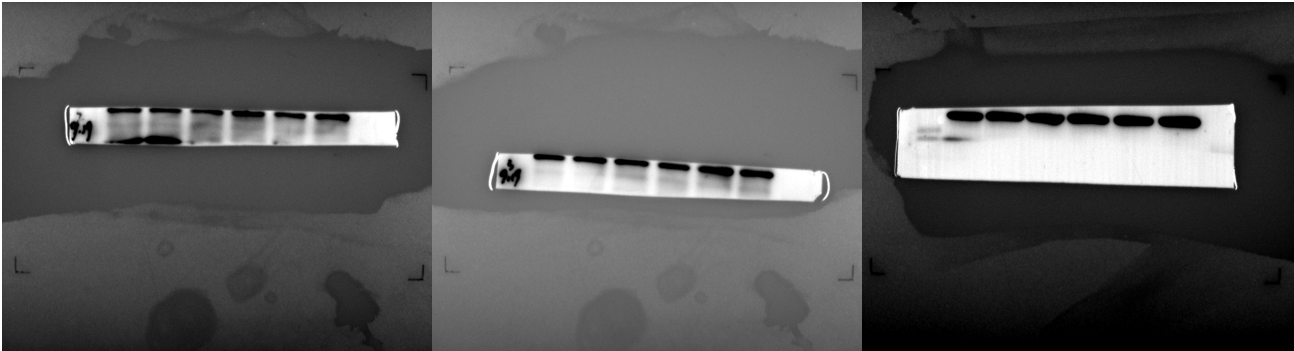


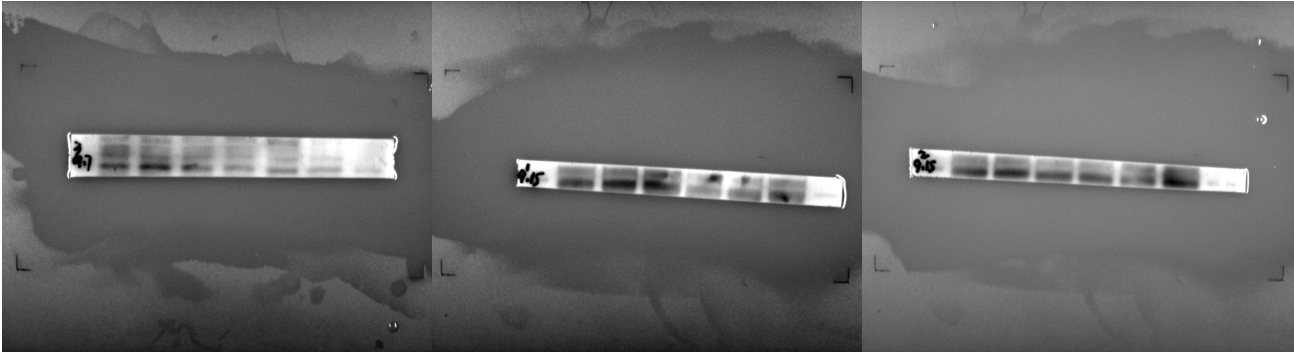
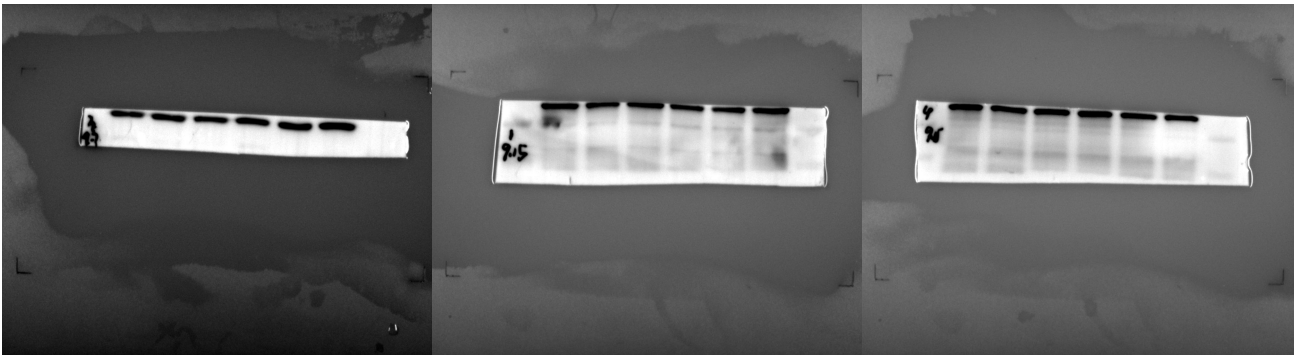
GAPDH
corresponding to
KLF4



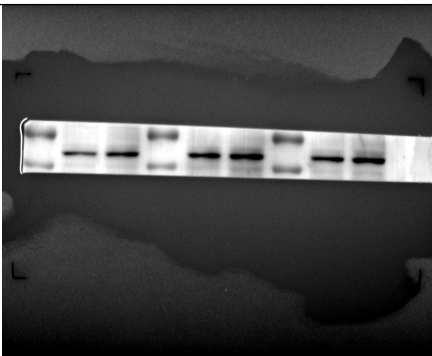
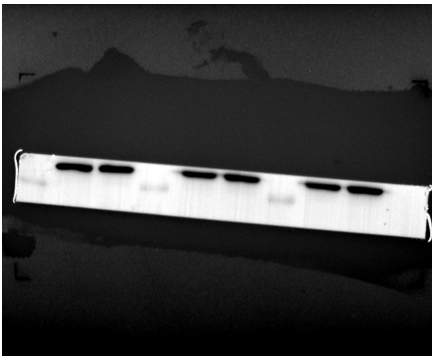
Fibronectin

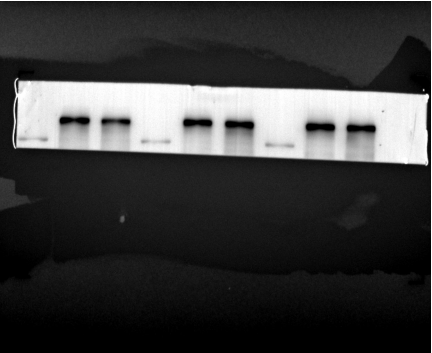
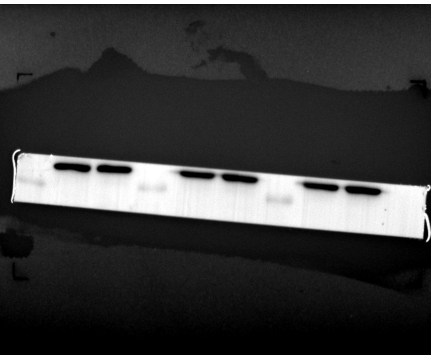


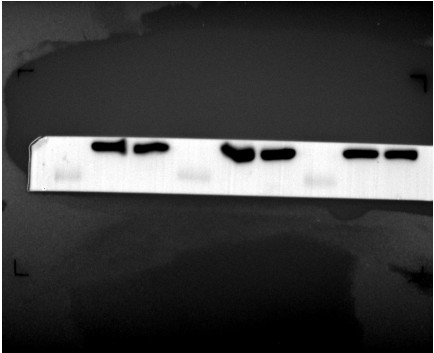
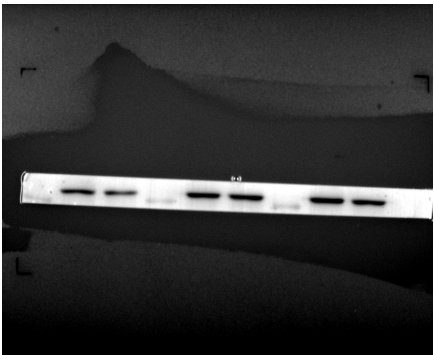
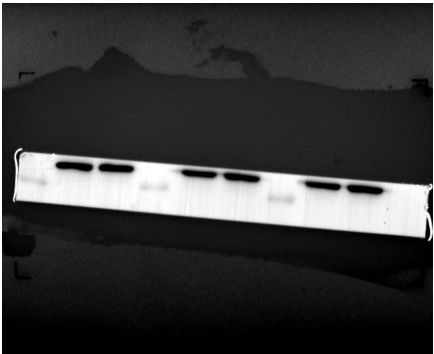
GAPDH corresponding to Fibronectin	
E-cadherin	
GAPDH corresponding to E-cadherin	

α-SMA	
GAPDH corresponding to α-SMA	

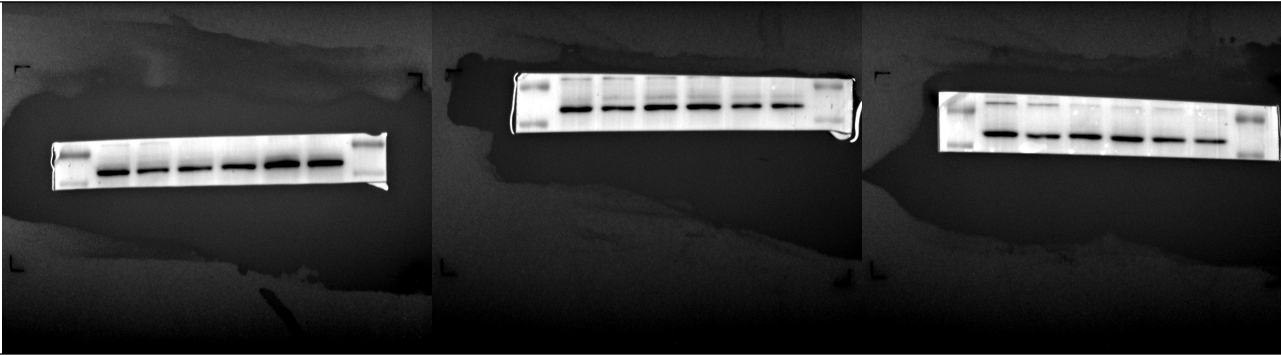
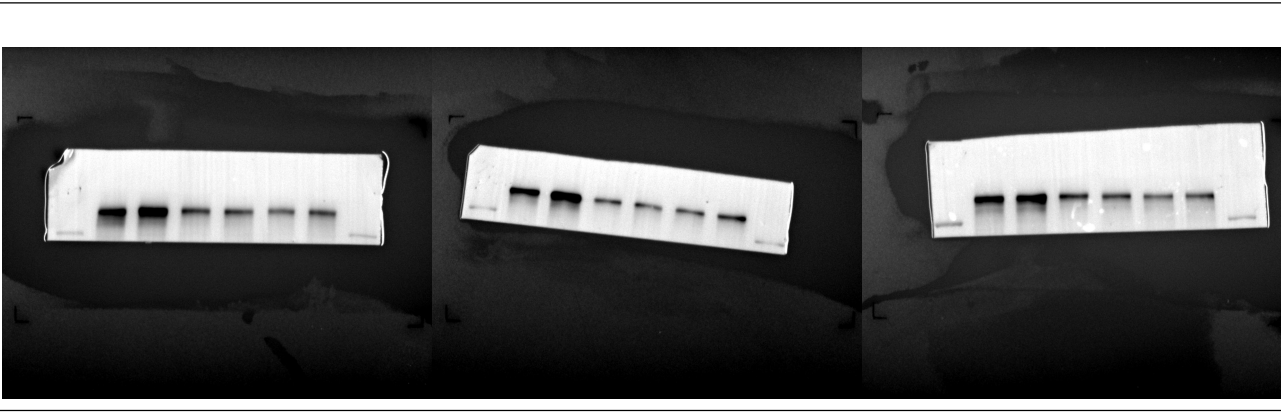
Gene	Each gene with 1 figures showed three times repeated experiment	9 channels: Marker,PLC5-ciR,PLC5-ciR-hsa_circ_0075684, Marker,PLC5-ciR,PLC5-ciR-hsa_circ_0075684, Marker,PLC5-ciR,PLC5-ciR-hsa_circ_0075684
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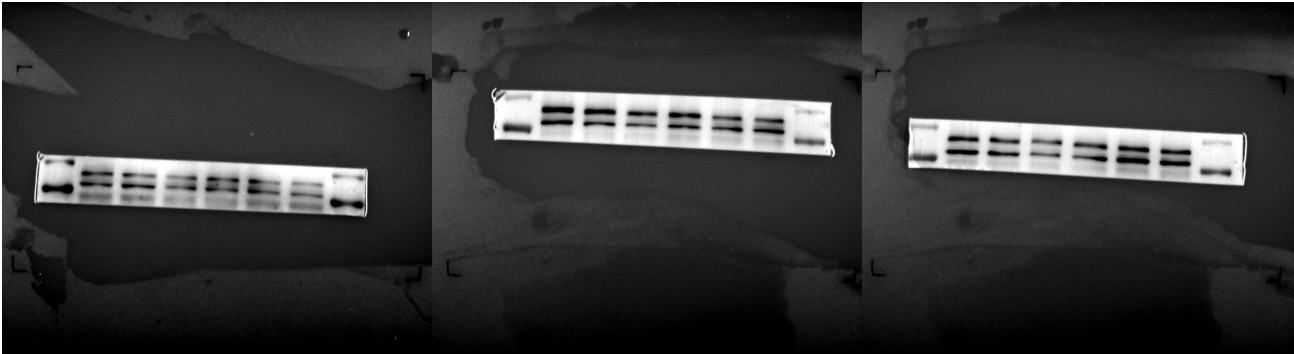
the relevant Figure 4c in manuscript	C <table><tr><td>KLF4</td><td></td><td></td><td>55 kDa</td></tr><tr><td>Fibronectin</td><td></td><td></td><td>263 kDa</td></tr><tr><td>E-cadherin</td><td></td><td></td><td>120 kDa</td></tr><tr><td>α-SMA</td><td></td><td></td><td>43 kDa</td></tr><tr><td>GAPDH</td><td></td><td></td><td>36 kDa</td></tr><tr><td>PLC5-ciR</td><td>+</td><td>-</td><td></td></tr><tr><td>PLC5-ciR-hsa_circ_0075684</td><td>-</td><td>+</td><td></td></tr></table>	KLF4			55 kDa	Fibronectin			263 kDa	E-cadherin			120 kDa	α -SMA			43 kDa	GAPDH			36 kDa	PLC5-ciR	+	-		PLC5-ciR-hsa_circ_0075684	-	+	
KLF4			55 kDa																										
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PLC5-ciR	+	-																											
PLC5-ciR-hsa_circ_0075684	-	+																											
KLF4																													
GAPDH corresponding to KLF4																													

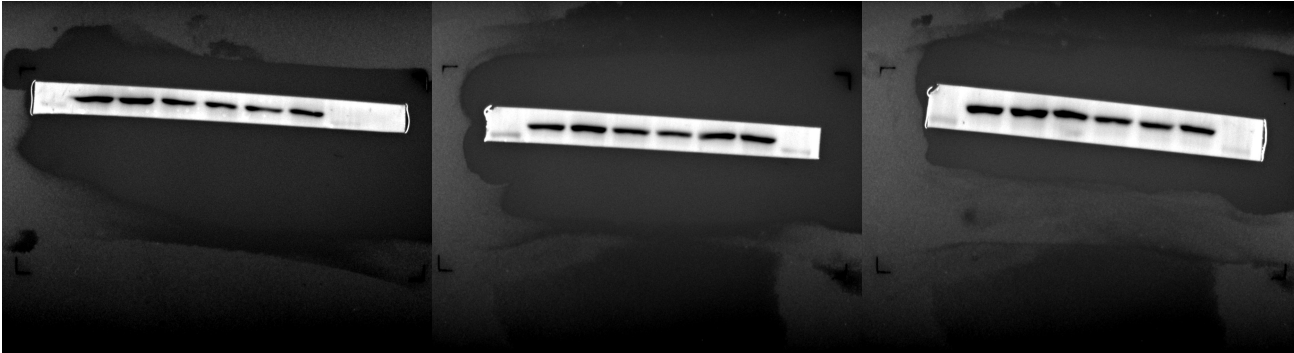
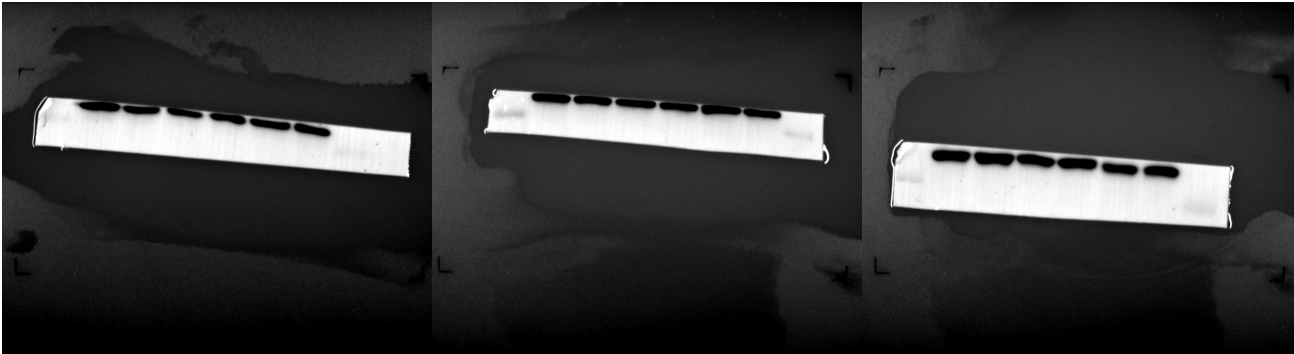
Fibronectin	
GAPDH corresponding to Fibronectin	
E-cadherin	

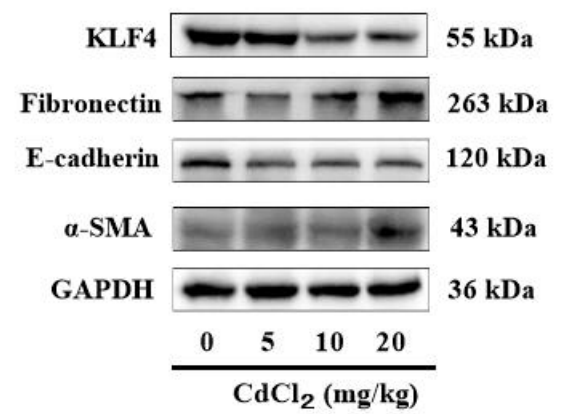
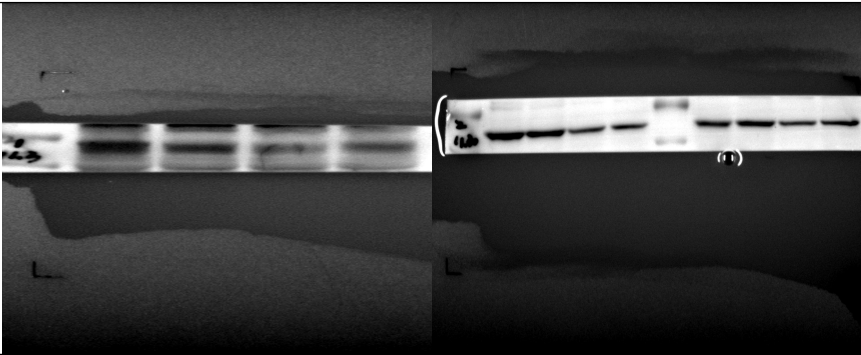
GAPDH corresponding to E-cadherin	 A Western blot image showing a single row of bands. There are six distinct bands of varying intensity, all appearing at the same vertical position, indicating they represent the same protein (E-cadherin) across different samples.
α-SMA	 A Western blot image showing a single row of bands. There are six distinct bands of varying intensity, all appearing at the same vertical position, indicating they represent the same protein (α-SMA) across different samples.
GAPDH corresponding to α-SMA	 A Western blot image showing a single row of bands. There are six distinct bands of varying intensity, all appearing at the same vertical position, indicating they represent the same protein (α-SMA) across different samples.

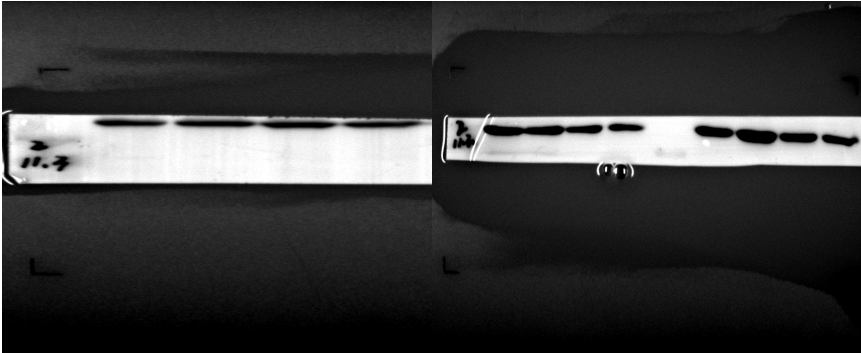
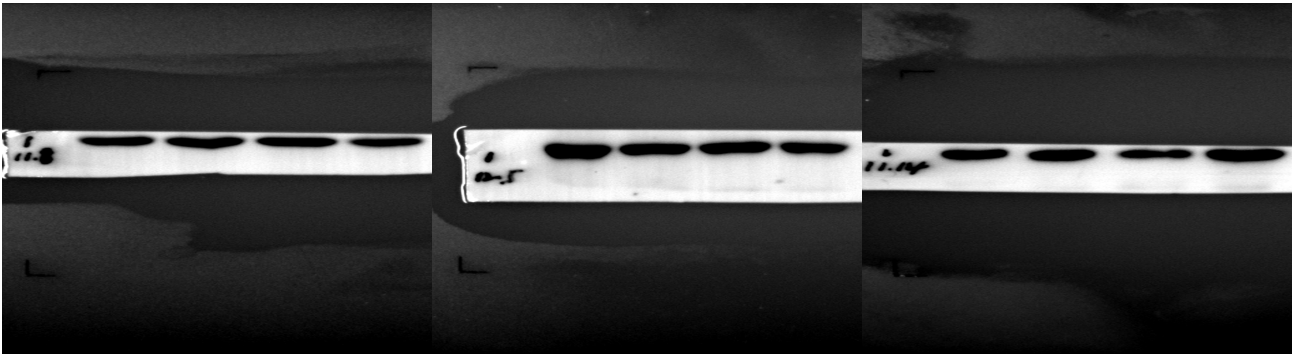
Gene	Each gene with 3 figures showed three times repeated experiment	8 channels: Marker, 15 μ M CdCl ₂ , 15 μ M CdCl ₂ +PLC5-ciR, 15 μ M CdCl ₂ +PLC5-ciR-hsa_circ_0075684, 15 μ M CdCl ₂ +PLC5-ciR-hsa_circ_0075684+miR-363-3p mimics-NC, 15 μ M CdCl ₂ +PLC5-ciR-hsa_circ_0075684+miR-363-3p mimics, Marker																																																			
the relevant Figure 4f and 4i in manuscript	f<table><tr><td>KLF4</td><td></td><td>55 kDa</td></tr><tr><td>Fibronectin</td><td></td><td>263 kDa</td></tr><tr><td>E-cadherin</td><td></td><td>120 kDa</td></tr><tr><td>α-SMA</td><td></td><td>43 kDa</td></tr><tr><td>GAPDH</td><td></td><td>36 kDa</td></tr><tr><td>15 μM CdCl₂</td><td>- + + +</td><td></td></tr><tr><td>PLC5-ciR</td><td>- - + -</td><td></td></tr><tr><td>PLC5-ciR-hsa_circ_0075684</td><td>- - - +</td><td></td></tr></table> i<table><tr><td>KLF4</td><td></td><td>55 kDa</td></tr><tr><td>Fibronectin</td><td></td><td>263 kDa</td></tr><tr><td>E-cadherin</td><td></td><td>120 kDa</td></tr><tr><td>α-SMA</td><td></td><td>43 kDa</td></tr><tr><td>GAPDH</td><td></td><td>36 kDa</td></tr><tr><td>15 μM CdCl₂</td><td>+ +</td><td></td></tr><tr><td>PLC5-ciR-hsa_circ_0075684</td><td>+ +</td><td></td></tr><tr><td>miR-363-3p mimics-NC</td><td>+ -</td><td></td></tr><tr><td>miR-363-3p mimics</td><td>- +</td><td></td></tr></table>		KLF4		55 kDa	Fibronectin		263 kDa	E-cadherin		120 kDa	α -SMA		43 kDa	GAPDH		36 kDa	15 μ M CdCl ₂	- + + +		PLC5-ciR	- - + -		PLC5-ciR-hsa_circ_0075684	- - - +		KLF4		55 kDa	Fibronectin		263 kDa	E-cadherin		120 kDa	α -SMA		43 kDa	GAPDH		36 kDa	15 μ M CdCl ₂	+ +		PLC5-ciR-hsa_circ_0075684	+ +		miR-363-3p mimics-NC	+ -		miR-363-3p mimics	- +	
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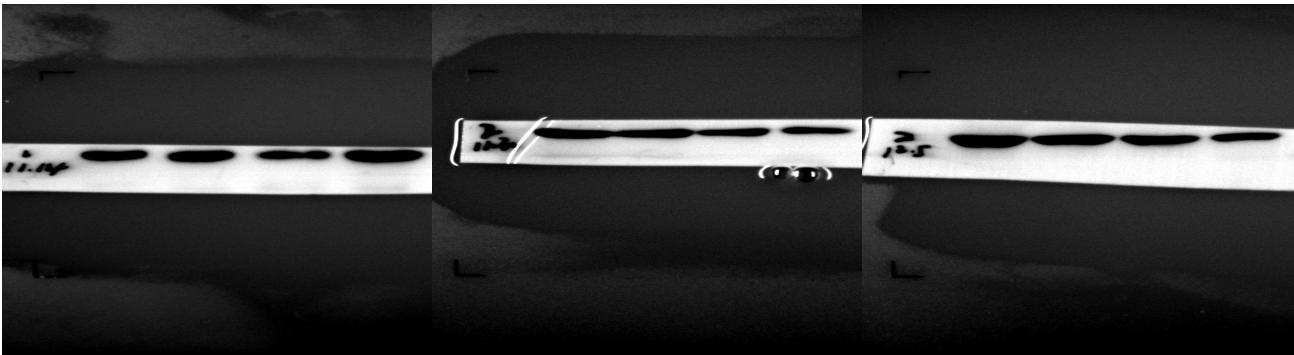
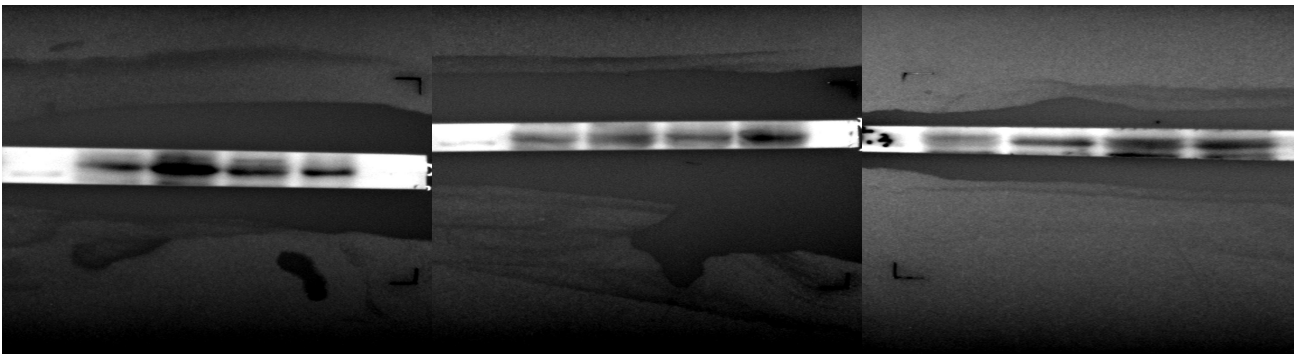
KLF4		
GAPDH corresponding to KLF4		
Fibronectin		

GAPDH corresponding to Fibronectin	
E-cadherin	
GAPDH corresponding to E-cadherin	

α -SMA	
GAPDH corresponding to α -SMA	

Gene	Each gene with 2-3 figures showed three times repeated experiment 5 channels: Marker, 0 mg/kg CdCl₂, 5 mg/kg CdCl₂, 10 mg/kg CdCl₂, 20 mg/kg CdCl₂ 10 channels: Marker, 0 mg/kg CdCl₂, 5 mg/kg CdCl₂, 10 mg/kg CdCl₂, 20 mg/kg CdCl₂, Marker, 0 mg/kg CdCl₂, 5 mg/kg CdCl₂, 10 mg/kg CdCl₂, 20 mg/kg CdCl₂
the relevant Figure 5e in manuscript	e  KLF4 55 kDa Fibronectin 263 kDa E-cadherin 120 kDa α-SMA 43 kDa GAPDH 36 kDa 0 5 10 20 CdCl₂ (mg/kg)
KLF4	

GAPDH corresponding to KLF4	 Western blot image showing GAPDH protein levels corresponding to KLF4. The blot consists of two panels. The left panel shows a single lane with a band labeled '11.7'. The right panel shows a single lane with a band labeled '11.7' and a control band labeled '11.7'.
Fibronectin	 Western blot image showing Fibronectin protein levels. The blot consists of three panels. The left panel shows a single lane with a band labeled '11.8'. The middle panel shows a single lane with a band labeled '12.5'. The right panel shows a single lane with a band labeled '11.8'.
GAPDH corresponding to Fibronectin	 Western blot image showing GAPDH protein levels corresponding to Fibronectin. The blot consists of three panels. The left panel shows a single lane with a band labeled '11.8'. The middle panel shows a single lane with a band labeled '11.8'. The right panel shows a single lane with a band labeled '11.8'.

E-cadherin	 Western blot analysis of E-cadherin protein levels. The image consists of three panels showing bands across multiple lanes. The first panel shows a strong band in the first lane, with fainter bands in subsequent lanes. The second panel shows a strong band in the first lane, with fainter bands in subsequent lanes. The third panel shows a strong band in the first lane, with fainter bands in subsequent lanes.
GAPDH corresponding to E-cadherin	 Western blot analysis of GAPDH protein levels corresponding to E-cadherin. The image consists of three panels showing bands across multiple lanes. The first panel shows a strong band in the first lane, with fainter bands in subsequent lanes. The second panel shows a strong band in the first lane, with fainter bands in subsequent lanes. The third panel shows a strong band in the first lane, with fainter bands in subsequent lanes.
α -SMA	 Western blot analysis of α -SMA protein levels. The image consists of three panels showing bands across multiple lanes. The first panel shows a strong band in the first lane, with fainter bands in subsequent lanes. The second panel shows a strong band in the first lane, with fainter bands in subsequent lanes. The third panel shows a strong band in the first lane, with fainter bands in subsequent lanes.

GAPDH
corresponding to
 α -SMA

