

Figure S1 Anti-tumor effect of endostar combined with cisplatin in vitro. A549 cells were treated with endostar, cisplatin or endostar + cisplatin. (A) Cell viability was measured by MTT. (B) Cell proliferation was determined by colony formation assay. (C) Wound healing assay was used to assess cell migration. (D) Flow cytometry was used to detect cell apoptosis. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, compared to the corresponding group.

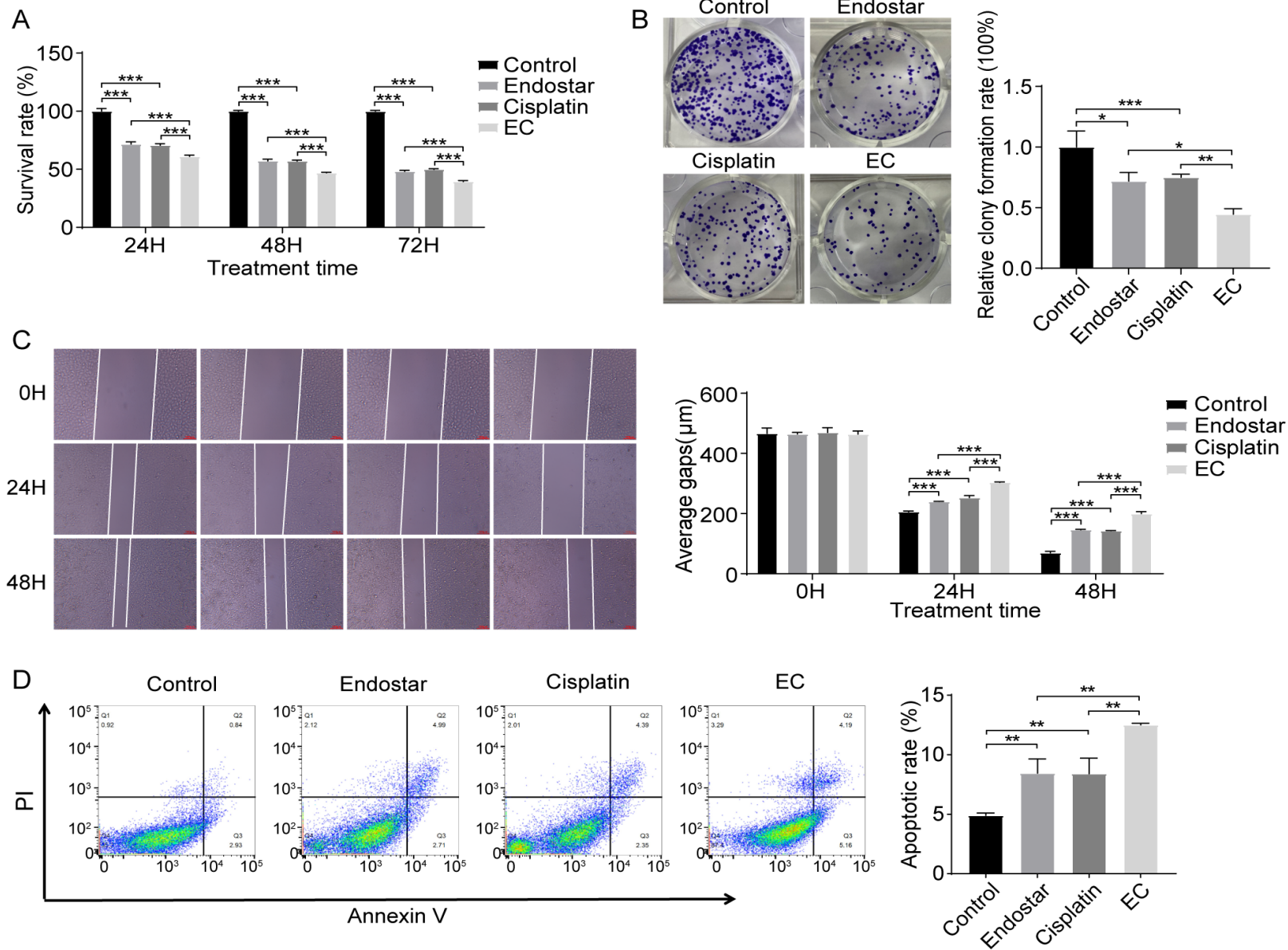


Figure S2. Top10 GO terms

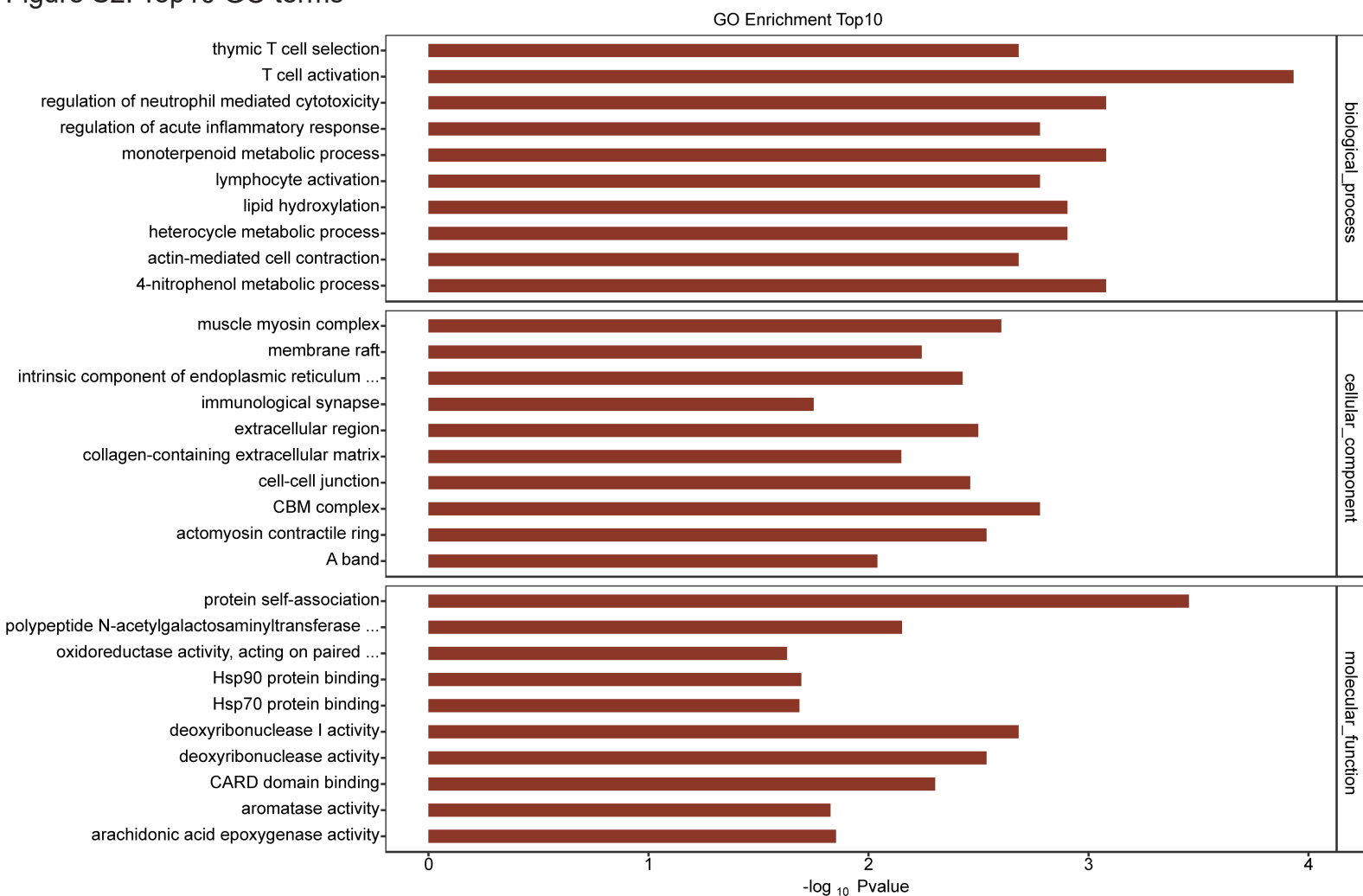


Figure S3. KEGG pathway enrichment analysis

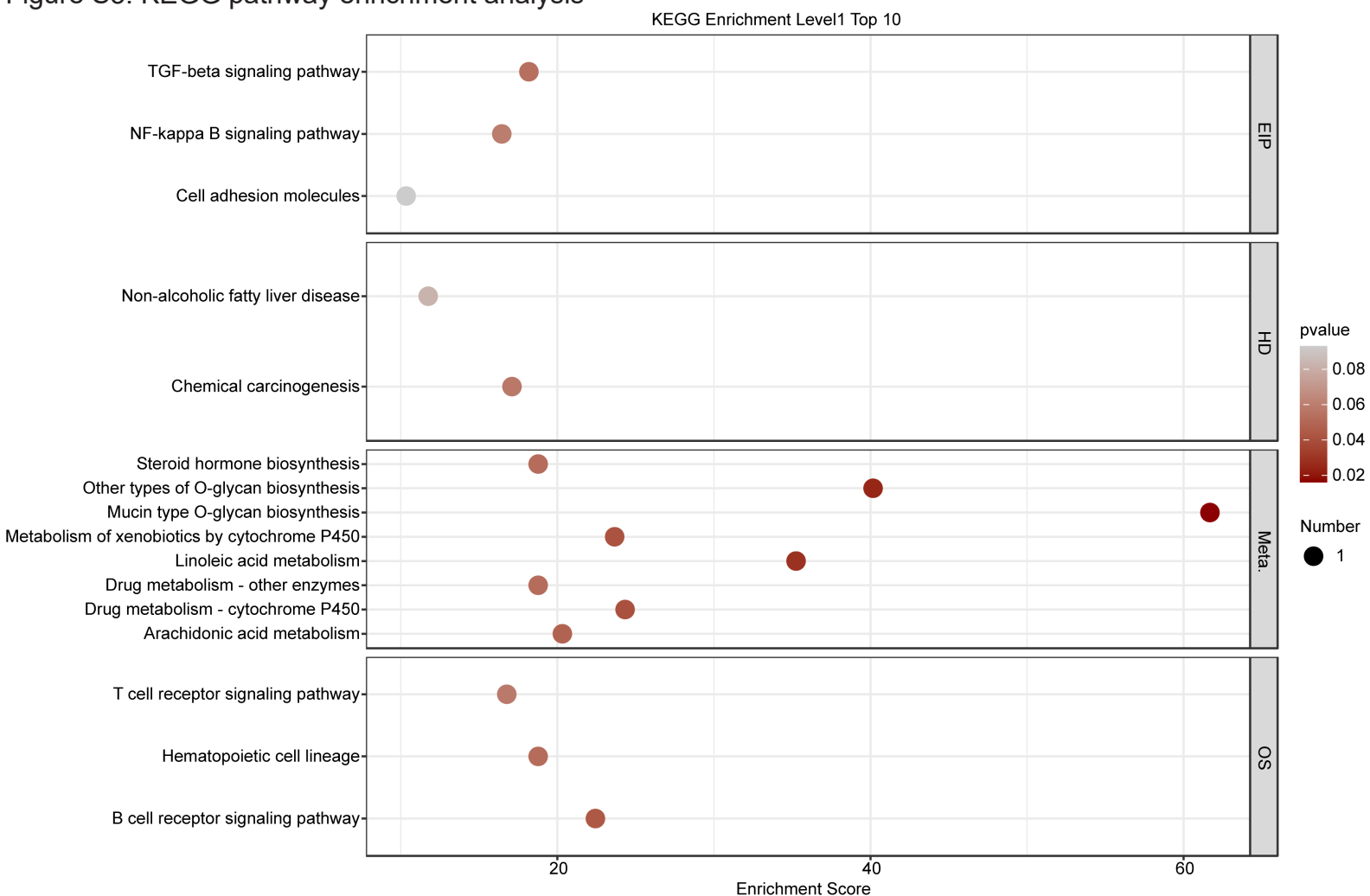


Figure S4 FMOD and METTL3 expression levels in A549 cell treated with endostar combined with cisplatin in vitro. A549 cells were treated with endostar, cisplatin or endostar + cisplatin. (A, B) The expression levels of FMOD and METTL3 in A549 cells were detected by western blotting. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, compared to the corresponding group.

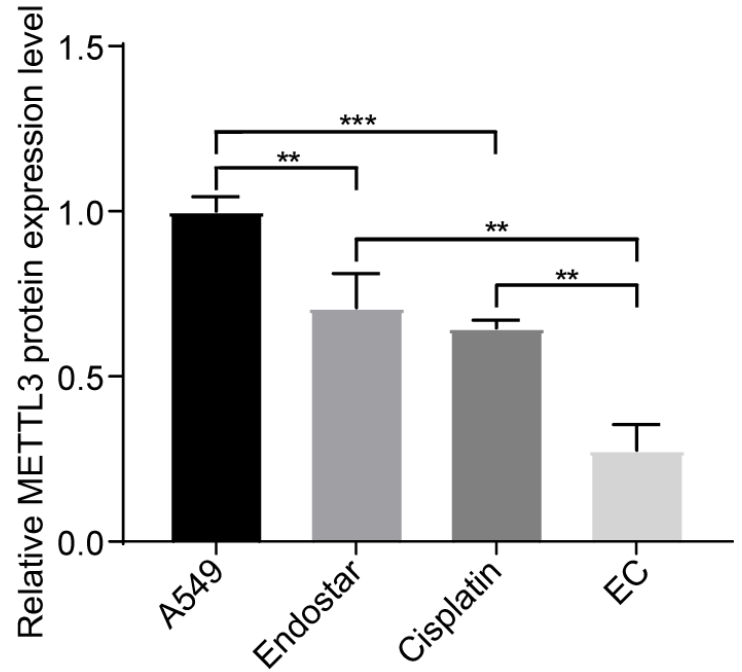
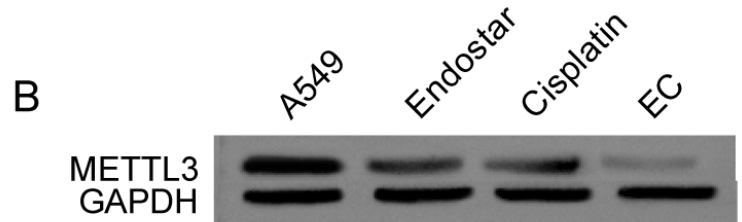
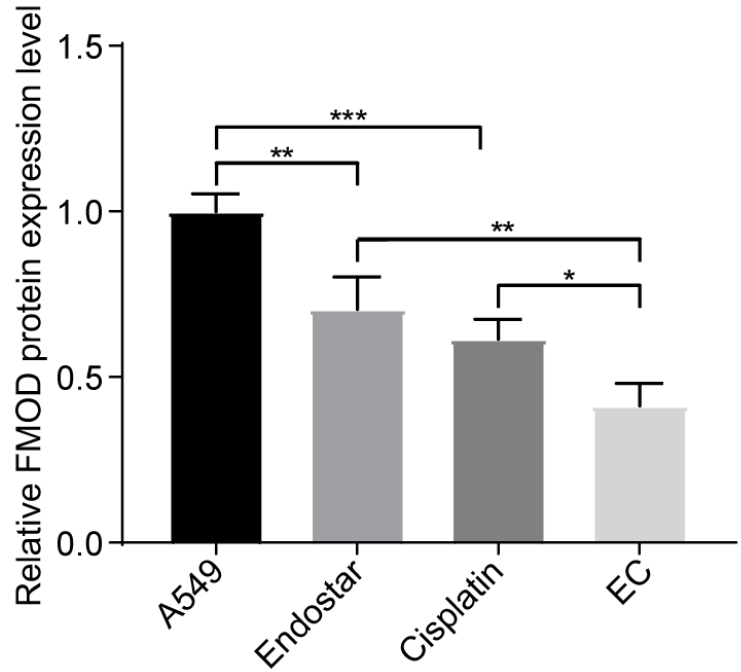
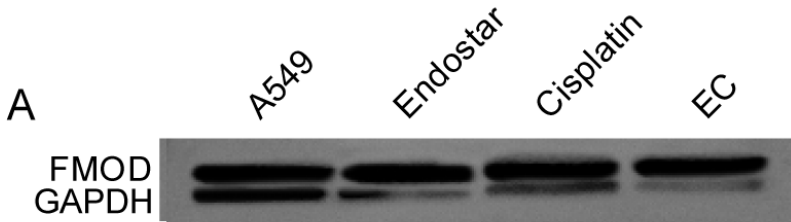
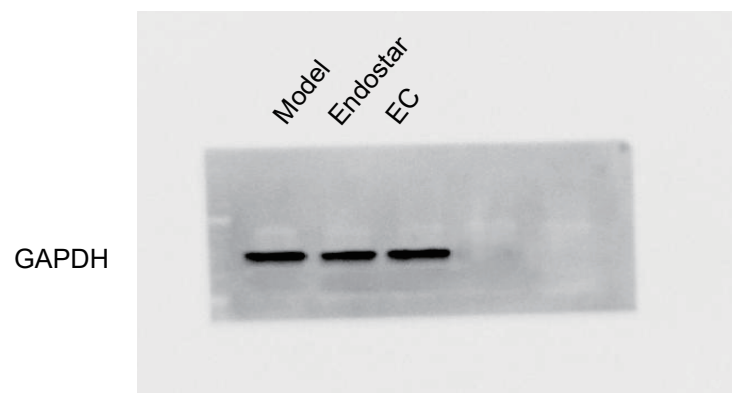
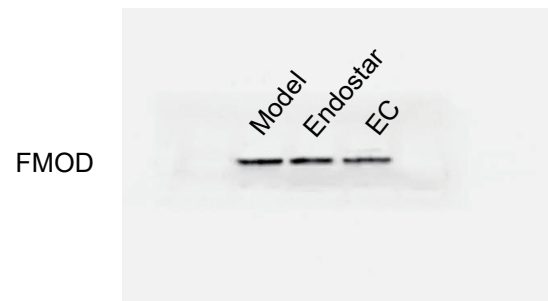
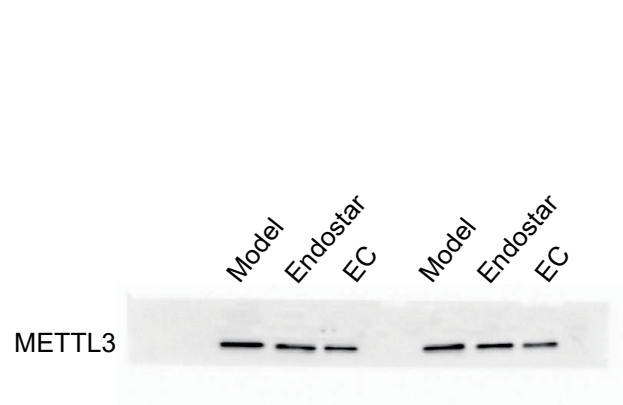


Figure S5 Full-length blot for Western blotting image-v3

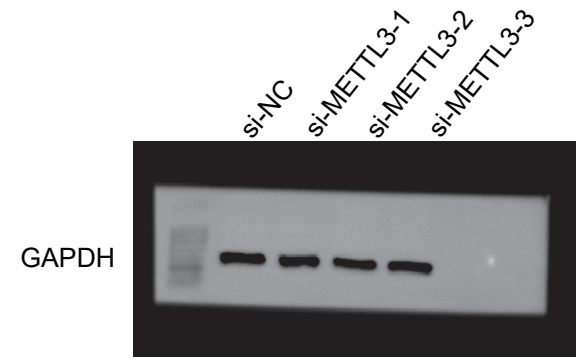
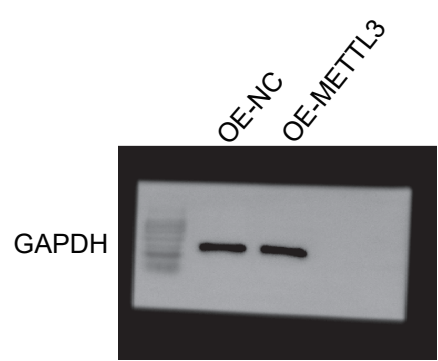
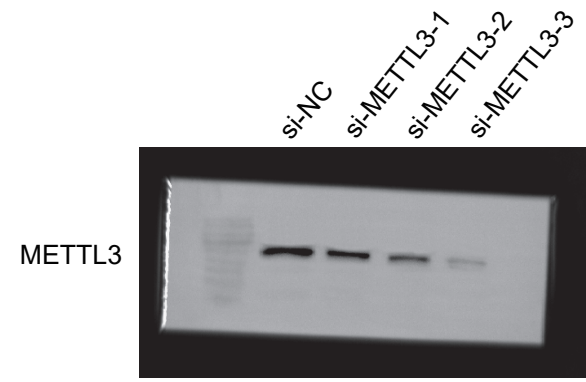
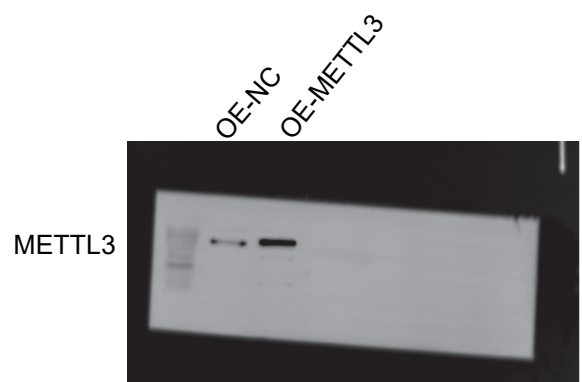
S2H



S3B



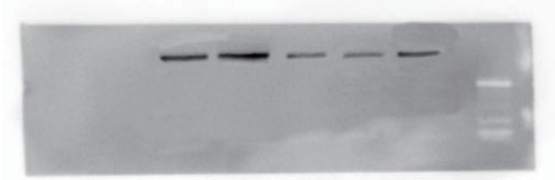
S4B



S5B

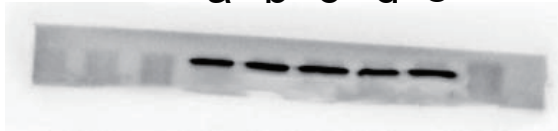
a b c d e

VEGF



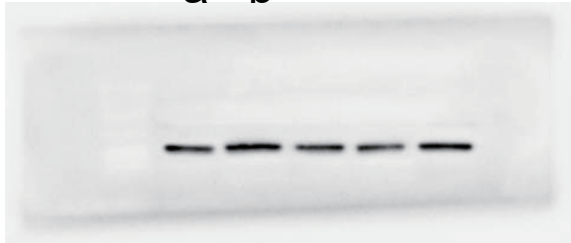
a b c d e

GAPDH



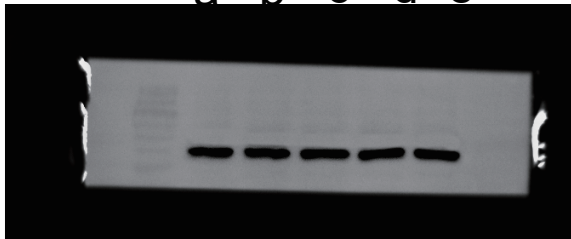
a b c d e

FGF-2



a b c d e

GAPDH



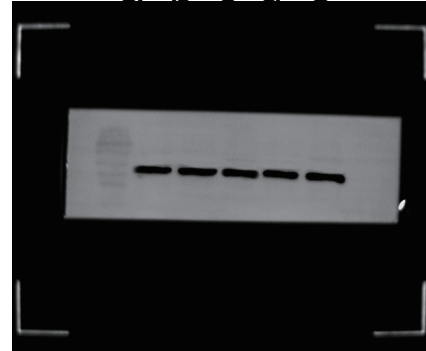
a b c d e

TGF- β 1



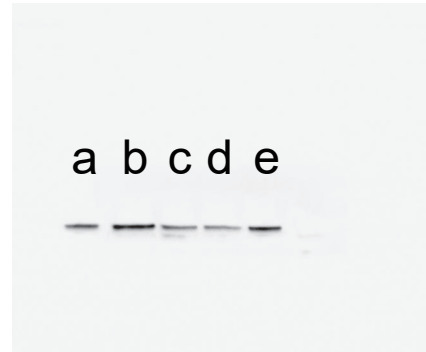
a b c d e

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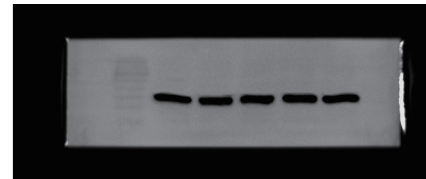
a b c d e

PDGF-B



a b c d e

GAPDH



a: A549+HUVEC

b: A549+METTL3-OE+HUVEC

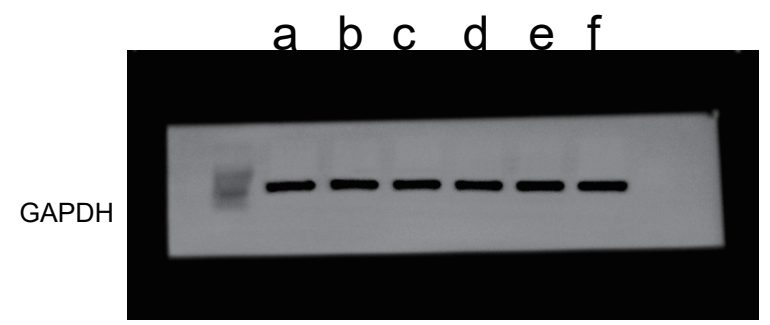
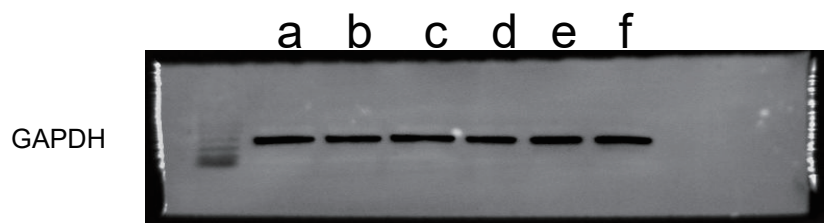
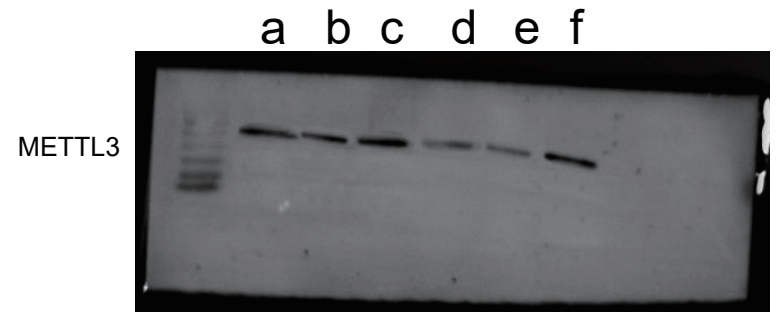
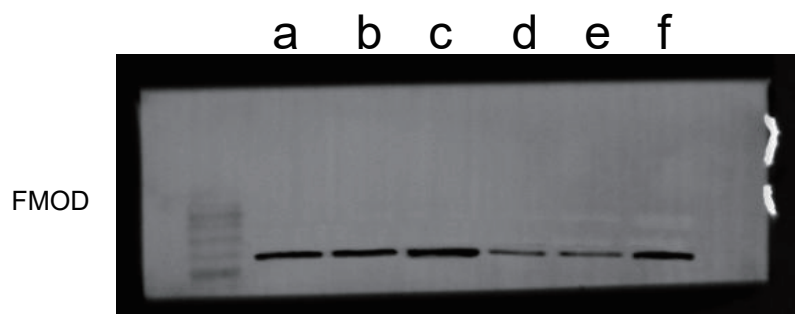
c: A549+METTL3-SI+HUVEC

d: A549+EC+HUVEC

e: A549+EC+METTL3-OE+HUVEC

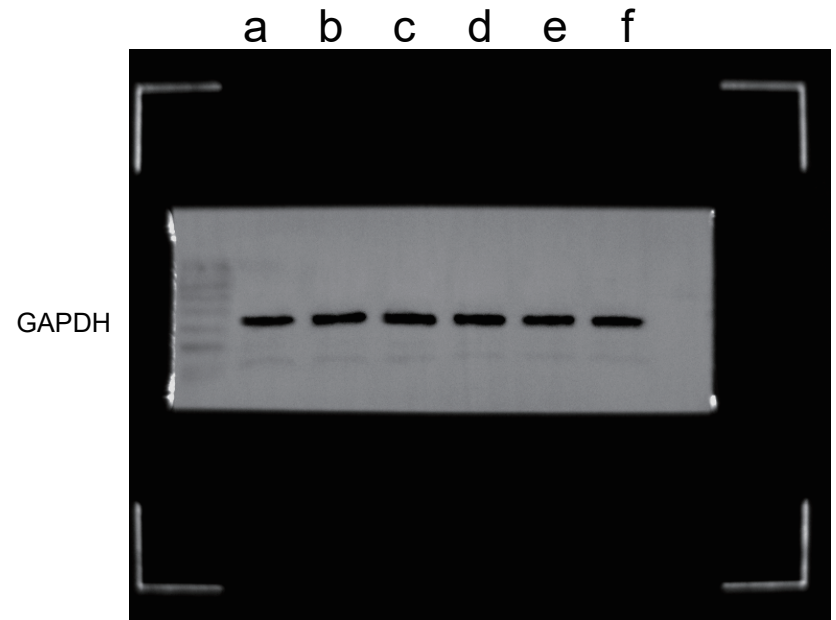
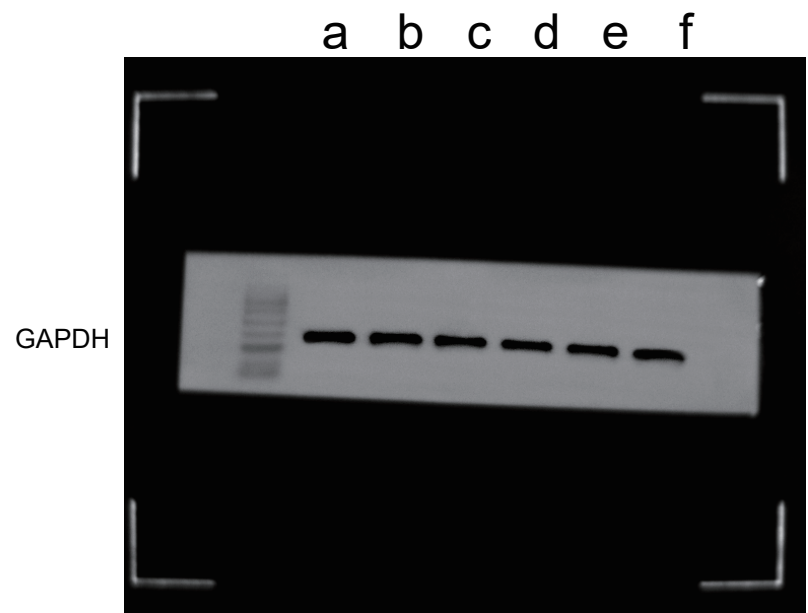
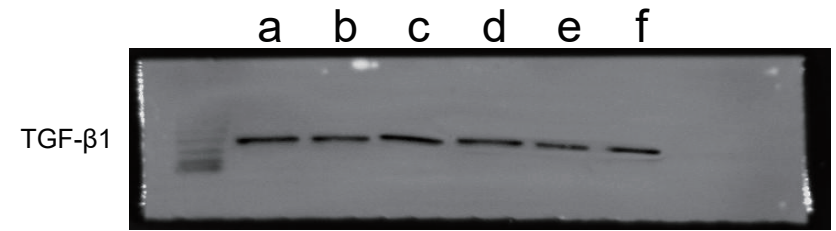
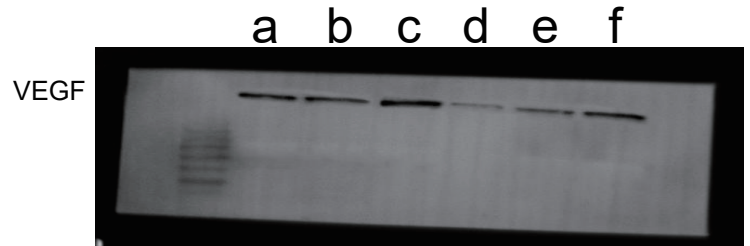
S7A

- a: A549
- b: A549+HUVEC
- c: A549+METTL3-OE+HUVEC
- d: A549+METTL3-SI+HUVEC
- e: A549+EC+HUVEC
- f: A549+EC+METTL3-OE+HUVEC



S7A

- a: A549
- b: A549+HUVEC
- c: A549+METTL3-OE+HUVEC
- d: A549+METTL3-SI+HUVEC
- e: A549+EC+HUVEC
- f: A549+EC+METTL3-OE+HUVEC



S7A

- a: A549
- b: A549+HUVEC
- c: A549+METTL3-OE+HUVEC
- d: A549+METTL3-SI+HUVEC
- e: A549+EC+HUVEC
- f: A549+EC+METTL3-OE+HUVEC

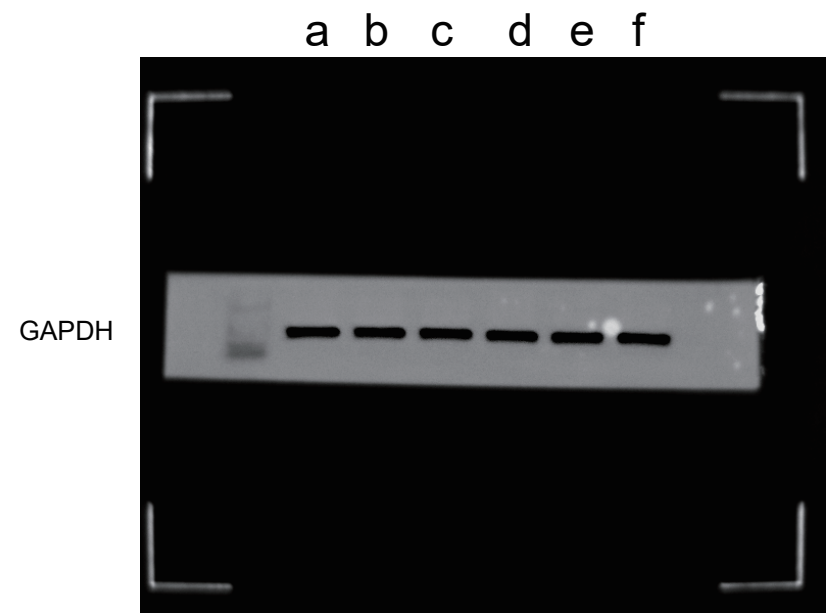
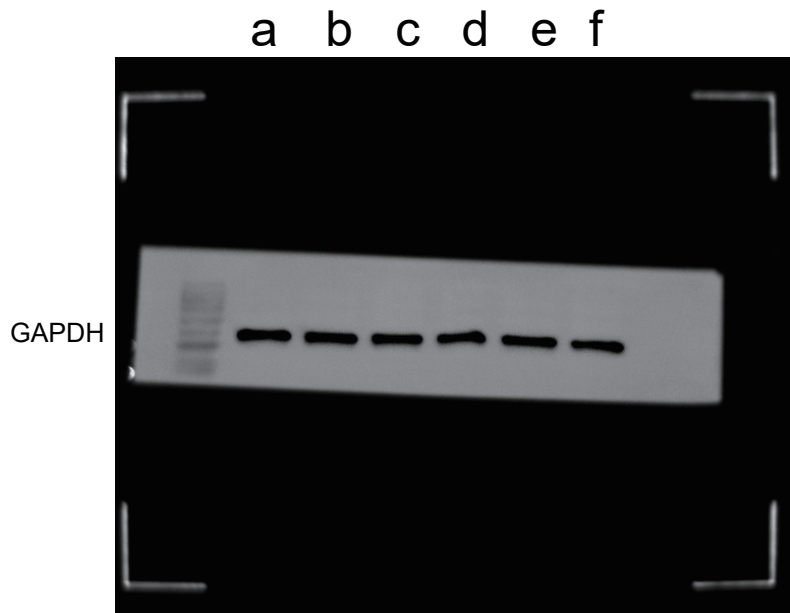
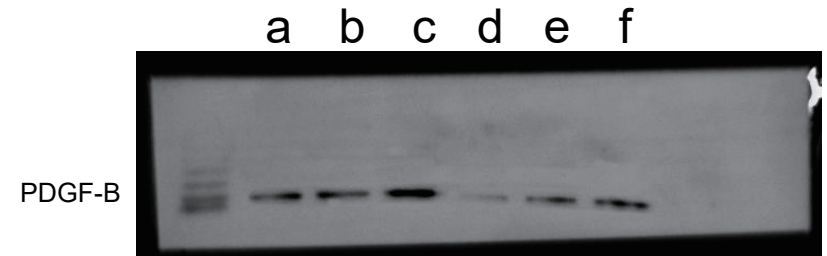
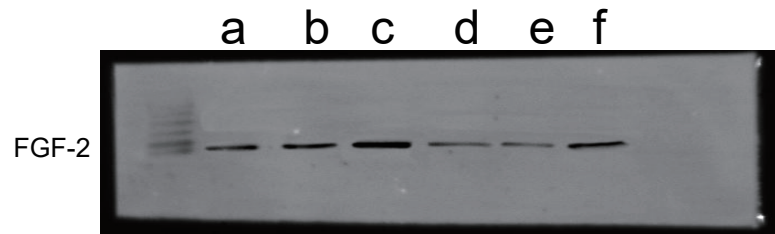


Table S1. The results of MTT

MTT							
24H		Calibration well	A549+HU VEC	A549+METT L3-OE+HUVEC	A549+ME TTL3-si+HUVEC	A549+EC+ HUVEC	A549+EC+ METTTL3-OE+HUVEC
		0.037	0.618	0.719	0.427	0.431	0.612
		0.034	0.613	0.734	0.436	0.441	0.624
		0.041	0.62	0.723	0.433	0.429	0.616
	Calibrated data	Calibration well	A549+HU VEC	A549+METT L3-OE+HUVEC	A549+ME TTL3-si+HUVEC	A549+EC+ HUVEC	A549+EC+ METTTL3-OE+HUVEC
		0	0.581	0.682	0.39	0.394	0.575
		0	0.579	0.7	0.402	0.407	0.59
		0	0.579	0.682	0.392	0.388	0.575
	Cell viability		100.00	117.38	67.13	67.81	98.97
			100.00	120.90	69.43	70.29	101.90
			100.00	117.79	67.70	67.01	99.31
	Mean		100.00	118.69	68.09	68.37	100.06
	SD		0.00	1.92	1.20	1.71	1.60
	48H		Calibration well	A549+HU VEC	A549+METT L3-OE+HUVEC	A549+ME TTL3-si+HUVEC	A549+EC+ HUVEC
0.042			1.082	1.438	0.598	0.629	1.081
0.039			1.081	1.449	0.614	0.64	1.086
0.043			1.091	1.441	0.611	0.658	1.078
Calibrated data		Calibration well	A549+HU VEC	A549+METT L3-OE+HUVEC	A549+ME TTL3-si+HUVEC	A549+EC+ HUVEC	A549+EC+ METTTL3-OE+HUVEC
		0	1.04	1.396	0.556	0.587	1.039
		0	1.042	1.41	0.575	0.601	1.047
		0	1.048	1.398	0.568	0.615	1.035
Cell viability			100.00	134.23	53.46	56.44	99.90
			100.00	135.32	55.18	57.68	100.48
			100.00	133.40	54.20	58.68	98.76
Mean			100.00	134.31	54.28	57.60	99.71
SD			0.00	0.96	0.86	1.12	0.88
72H			Calibration well	A549+HU VEC	A549+METT L3-OE+HUVEC	A549+ME TTL3-si+HUVEC	A549+EC+ HUVEC
	0.038		1.609	1.839	0.858	0.851	1.532
	0.040		1.520	1.759	0.855	0.856	1.562
	0.039		1.568	1.836	0.868	0.871	1.606
	Calibrated data	Calibration well	A549+HU VEC	A549+METT L3-OE+HUVEC	A549+ME TTL3-si+HUVEC	A549+EC+ HUVEC	A549+EC+ METTTL3-OE+HUVEC
		0	1.571	1.801	0.82	0.813	1.494
		0	1.48	1.719	0.815	0.816	1.522
		0	1.529	1.797	0.829	0.832	1.567
	Cell viability		100.00	114.64	52.20	51.75	95.10
			100.00	116.15	55.07	55.14	102.84
			100.00	117.53	54.22	54.41	102.49
	Mean		100.00	116.11	53.83	53.77	100.14
	SD		0.00	1.44	1.48	1.78	4.37