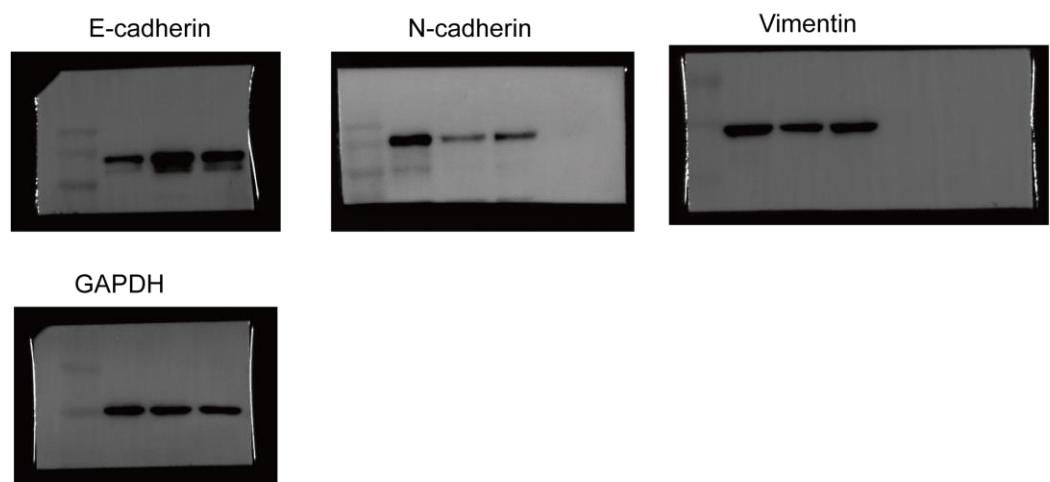
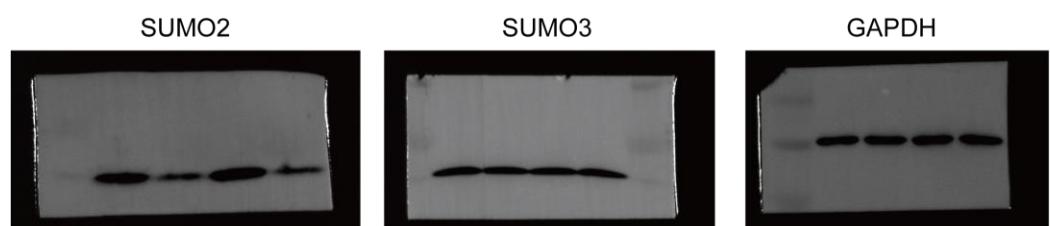


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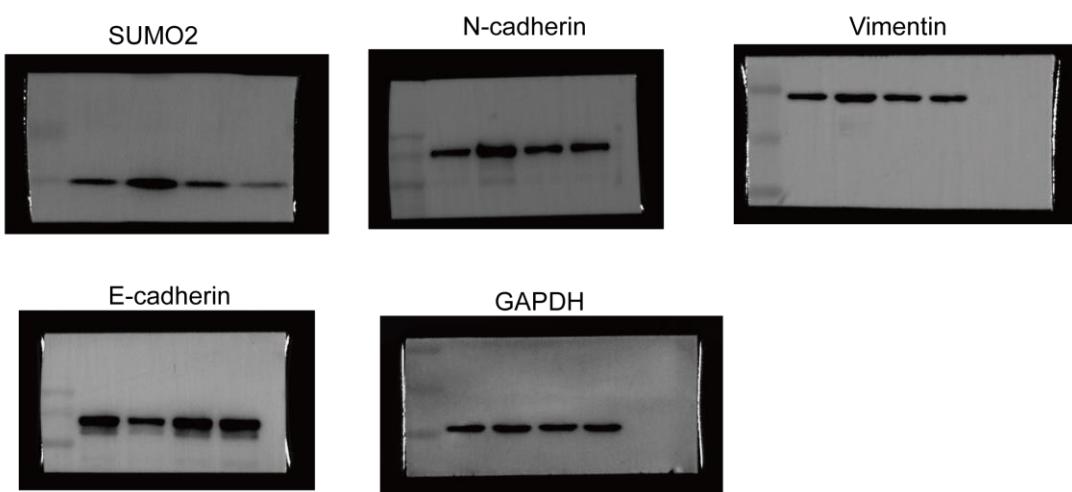
**Fig2H**



**Fig6G**

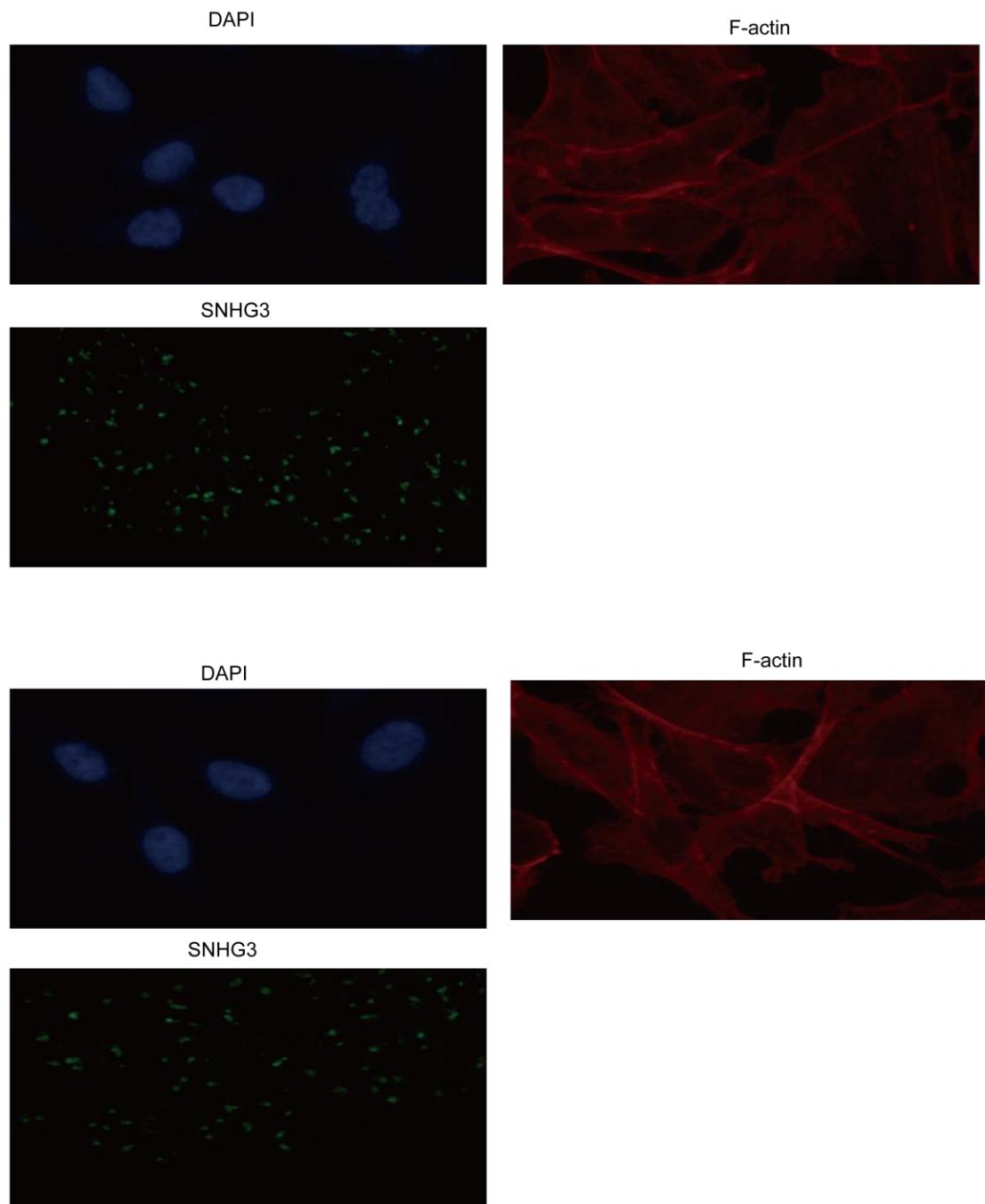


**Fig7D**



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Fig3B



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**Fig2B**

Time (h)	NC si	NC si	NC si	SNHG3 si#1	SNHG3 si#1	SNHG3 si#1	SNHG3 si#2	SNHG3 si#2	SNHG3 si#2
0	0.291	0.283	0.27	0.21	0.257	0.249	0.232	0.266	0.228
24	0.461	0.49	0.408	0.357	0.382	0.354	0.329	0.383	0.483
48	0.686	0.629	0.777	0.421	0.4	0.433	0.496	0.542	0.544
72	0.991	0.953	1.097	0.771	0.598	0.677	0.731	0.886	0.837
96	1.548	1.418	1.465	0.869	0.873	1.102	1.111	1.065	1.216

**Fig2C**

Time (h)	NC si	NC si	NC si	SNHG3 si#1	SNHG3 si#1	SNHG3 si#1	SNHG3 si#2	SNHG3 si#2	SNHG3 si#2
0	0.353	0.282	0.315	0.37	0.295	0.274	0.395	0.332	0.379
24	0.496	0.478	0.473	0.478	0.404	0.443	0.475	0.508	0.449
48	0.84	0.783	0.822	0.586	0.511	0.467	0.495	0.687	0.589
72	1.138	1.204	1.324	0.707	0.541	0.653	0.79	0.962	0.876
96	1.726	1.643	1.665	0.979	0.801	1.052	1.132	1.268	1.05

**Fig2F**

	NC si	NC si	NC si	SNHG3 si#1	SNHG3 si#1	SNHG3 si#1	SNHG3 si#2	SNHG3 si#2	SNHG3 si#2
Migration	100	102	107	59	60	44	71	62	74
Invasion	100	105	106	48	51	57	72	69	63

**Fig2G**

	NC si	NC si	NC si	SNHG3 si#1	SNHG3 si#1	SNHG3 si#1	SNHG3 si#2	SNHG3 si#2	SNHG3 si#2
Migration	100	103	93	48	48	59	66	77	78
Invasion	100	93	107	35	61	54	79	67	79

Fig5A

Time (h)	miR-NC	miR-NC	miR-NC	miR-	miR-	miR-	miR-	miR-	miR-	miR-515-						
				-	-	-	-	-	-	5p+S						
0	0.36	0.25	0.3	0.30	0.31	0.30	0.37	0.26	0.38	0.37	0.33	0.30	0.38	0.35	0.29	
7	7	5		1	1	5	3	5	5		1	7		9	4	
24	0.57	0.47	0.59	0.52	0.52	0.48	0.54	0.50	0.54	0.58	0.54	0.51	0.53	0.51	0.49	
48	0.74	0.88	0.70	0.55	0.56	0.61	0.55	0.71	0.67	0.75	0.69	0.66	0.61	0.59	0.49	
72	1.01	1.14	1.14	0.70	0.79	0.64	0.75	0.64	0.77	0.94	1	0.89	0.69	0.74	0.64	
96	1.68	1.73	1.61	0.98	0.83	0.88	0.98	1.02	0.89	1.49	1.36	1.29	1.04	0.85	1.04	
	6	1	7	3	1				2	2	5	5	2	3	5	

Fig5B

	miR-NC	miR-NC	miR-NC	miR-	miR-	miR-	miR-	miR-	miR-	miR-515-						
				-	-	-	-	-	-	5p+S						
Migration ratio n	100	105	106	39	54	60	48	52	57	90	81	75	40	62	60	
Invasion	100	106	100	35	38	48	32	54	52	66	81	68	33	39	56	

**Fig7A**

Time (h)	pCM V- contro 1	pCM V- contro 1	pCM V- contro 1	SNH G3- WT+ miR- NC	SNH G3- WT+ miR- NC	SNH G3- WT+ miR- NC	SNH G3- WT+ miR- 515- 5p	SNH G3- WT+ miR- 515- 5p	SNHG 3- WT+S UMO2 si	SNHG 3- WT+S UMO2 si	SNHG 3- WT+S UMO2 si	
0	0.275	0.293	0.225	0.236	0.299	0.259	0.296	0.222	0.202	0.24	0.241	0.226
24	0.415	0.468	0.404	0.438	0.424	0.442	0.443	0.312	0.441	0.451	0.441	0.315
48	0.414	0.62	0.495	0.775	0.634	0.786	0.644	0.582	0.592	0.524	0.619	0.411
72	0.755	0.742	0.828	1.281	1.057	0.957	0.879	0.884	0.871	0.859	0.835	0.706
96	1.026	1.042	1.173	1.544	1.662	1.45	1.036	1.143	1.247	1.156	1.152	1.149

**Fig7B**

pCMV- control	SNHG3- WT+miR-NC	SNHG3- WT+miR- 515-5p	SNHG3- WT+SUMO2 si
100	153	106	127
99	182	124	130
102	176	129	134
92	185	111	128