

Figure1A

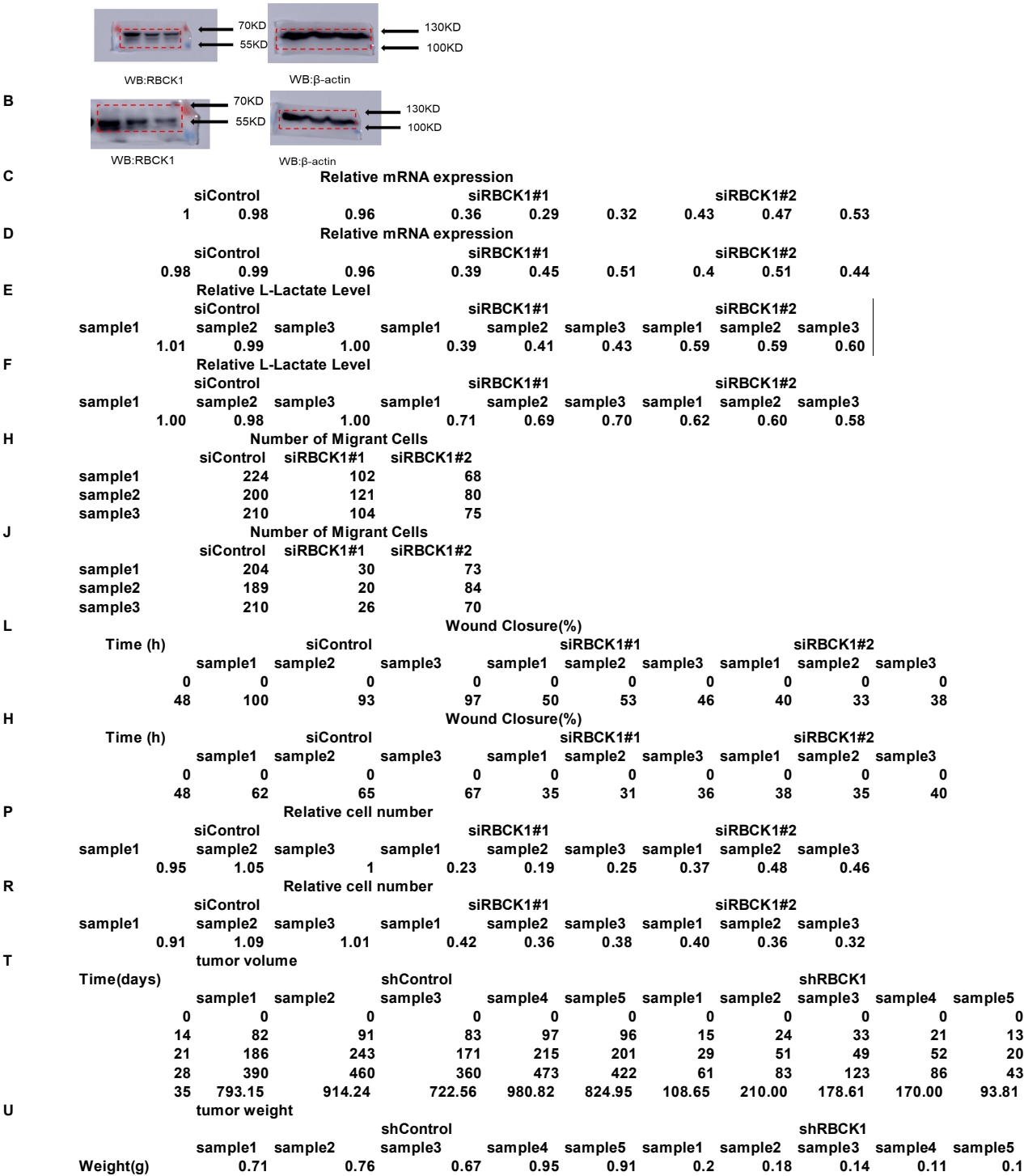


Figure2A
T47D

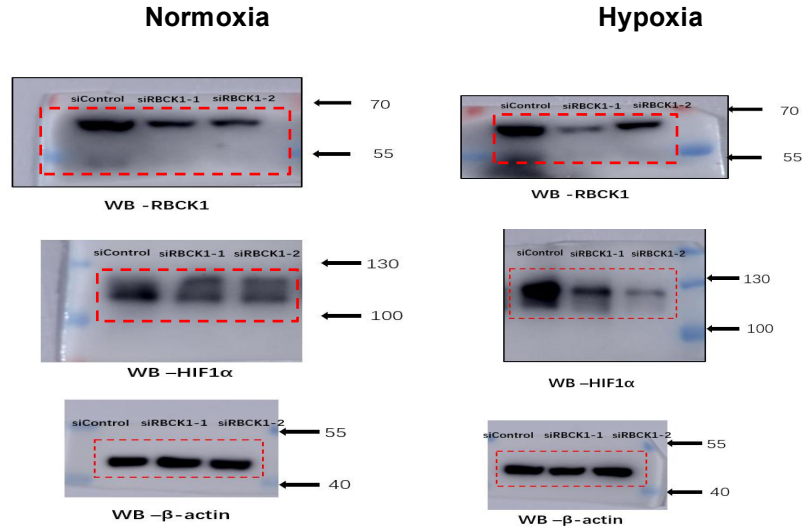
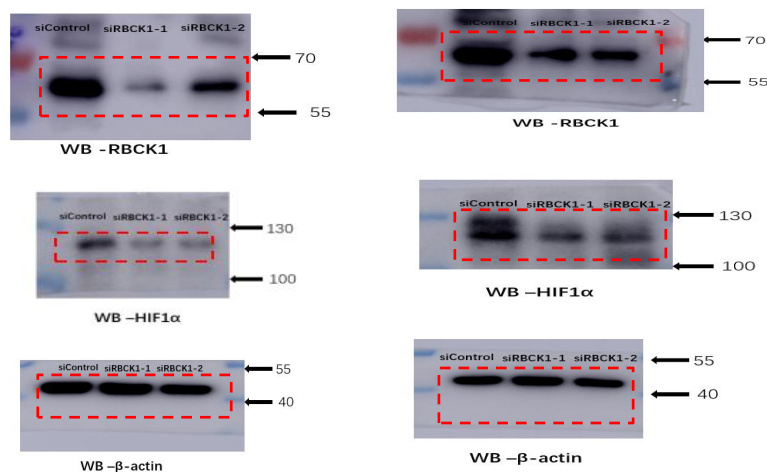


Figure2B
MCF-7



C

T47D	HIF1α Relative luciferase activity								
	siControl			siRBCK1#1			siRBCK1#2		
	0.95	1.00	0.98	0.09	0.07	0.10	0.41	0.34	0.38

D

MCF-7	HIF1α Relative luciferase activity								
	siControl			siRBCK1#1			siRBCK1#2		
	1.10	1.03	0.97	0.59	0.63	0.58	0.47	0.38	0.50

E

		Relative mRNA expression		
		sample1	sample2	sample3
T47D	Normoxia	siControl	1.072	0.928
		siRBCK1#1	0.994	1.334
		siRBCK1#2	0.911	0.836
	Hypoxia	siControl	3.433	3.833
		siRBCK1#1	1.681	1.531
		siRBCK1#2	0.797	1.164
SL2AC1	Normoxia	si-Control	1.093	0.907
		si-RBCK1#1	1.076	1.780
		si-RBCK1#2	0.879	0.825
	Hypoxia	si-Control	9.574	10.198
		si-RBCK1#1	3.061	3.377
		si-RBCK1#2	3.771	4.786
PKM2	Normoxia	si-Control	1.007	1.164
		si-RBCK1#1	0.865	0.968
		si-RBCK1#2	0.779	0.817
	Hypoxia	si-Control	2.561	2.420
		si-RBCK1#1	0.889	1.135
		si-RBCK1#2	1.144	1.459

F

		Relative mRNA expression		
		sample1	sample2	sample3
MCF-7	VEGFA			

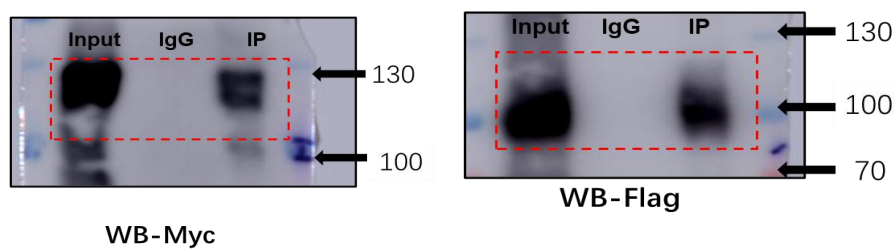
Normoxia	si-Control	1.000	1.383	0.766
	si-RBCK1#1	0.594	0.314	0.272
	si-RBCK1#2	0.377	0.440	0.503
Hypoxia	si-Control	9.924	11.431	11.838
	si-RBCK1#1	3.748	4.117	3.933
	si-RBCK1#2	1.332	1.302	1.271
SL2AC1				
Normoxia	si-Control	1.000	1.000	1.022
	si-RBCK1#1	0.860	0.604	0.831
	si-RBCK1#2	0.637	0.682	0.745
Hypoxia	si-Control	9.641	9.169	8.996
	si-RBCK1#1	4.089	5.000	4.710
	si-RBCK1#2	2.905	4.282	3.659
PKM2				
Normoxia	si-Control	1.000	1.000	1.101
	si-RBCK1#1	0.851	0.753	0.949
	si-RBCK1#2	1.341	1.110	1.266
Hypoxia	si-Control	2.724	2.377	2.030
	si-RBCK1#1	0.541	0.684	0.716
	si-RBCK1#2	0.642	0.924	1.006

B	si-Control			si-RBCK1#1			si-RBCK1#1+HIF1α			si-RBCK1#1+HIF1αMUT			
	201	189	187	56	67	76	140	123	136	120	138	126	
C	siControl			siRBCK1#1			siRBCK1#1+HIF1α			siRBCK1#1+HIF1αMUT			
	1.00	0.98	0.99	0.70	0.71	0.70	1.18	1.22	1.26	1.14	1.20	1.26	
E	Time (h)	si-Control			si-RBCK1#1			si-RBCK1#1+HIF1α			si-RBCK1#1+HIF1αMUT		
		0	0	0	0	0	0	0	0	0	0	0	
	48	100	95	100	47	52	57	77	72	75	83	88	90
G	siControl			siRBCK1#1			siRBCK1#1+HIF1α			siRBCK1#1+HIF1αMUT			
	0.99	1.05	1.14	0.36	0.34	0.32	0.97	0.84	0.82	0.92	0.79	0.76	

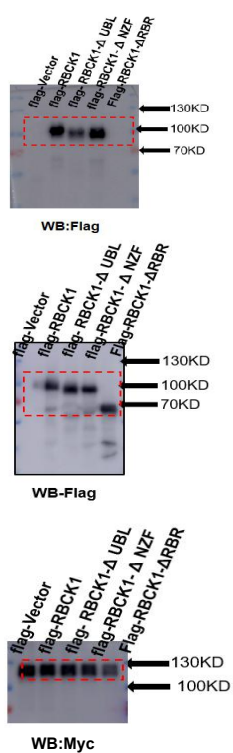
C**Relative mRNA expression**

	siControl			siRBCK1#1			siRBCK1#2		
	sample1	sample2	sample3	sample1	sample2	sample3	sample1	sample2	sample3
RBCK1	0.998381	0.975589	0.986029	0.451784	0.385547	0.411784	0.42442	0.365755	0.385362
VEGFA	0.97935	0.968713	0.951937	0.406839	0.338478	0.377507	0.139149	0.118716	0.105132
SLC2A1	0.993104	0.962069	0.944827	0.195565	0.153853	0.187363	0.063957	0.061558	0.075295
PKM2	0.96757	0.981073	0.981356	0.388121	0.385354	0.334326	0.284161	0.250471	0.299764
LOX10	0.987432	0.993568	0.963637	0.057719	0.05467	0.033949	0.030647	0.018534	0.019878
BNIP3	0.995281	0.981466	0.972076	0.319124	0.292158	0.290254	0.106154	0.084933	0.088653
CXCR4	0.973402	0.980658	0.972035	0.425829	0.464093	0.450374	0.21656	0.165397	0.146241

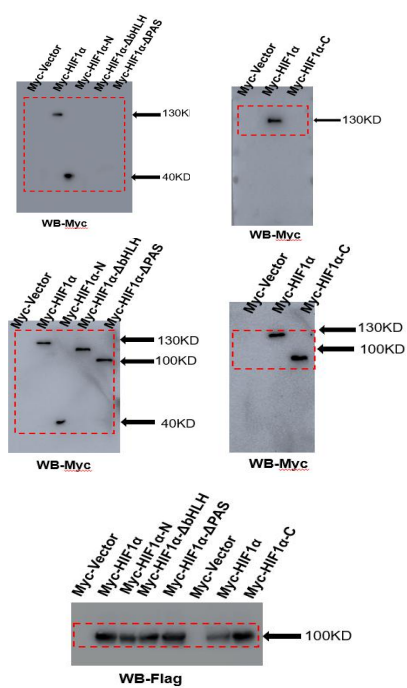
B



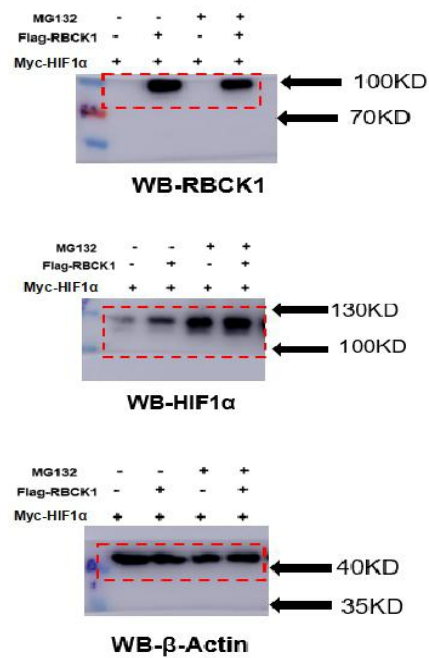
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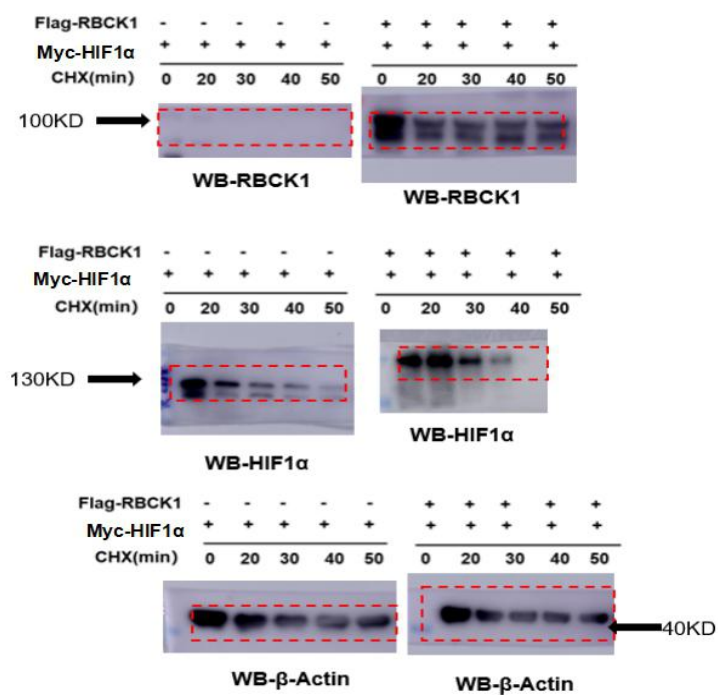
E



A



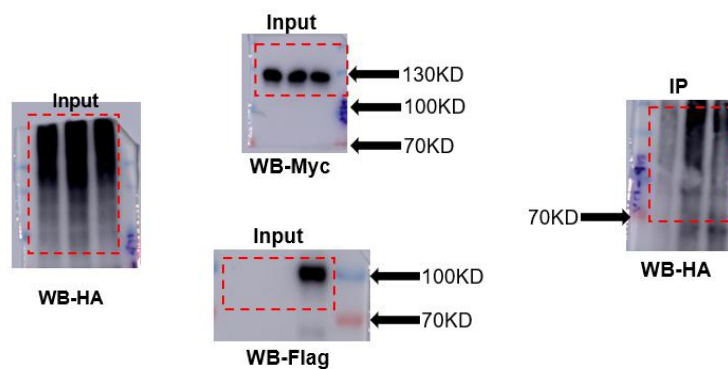
B



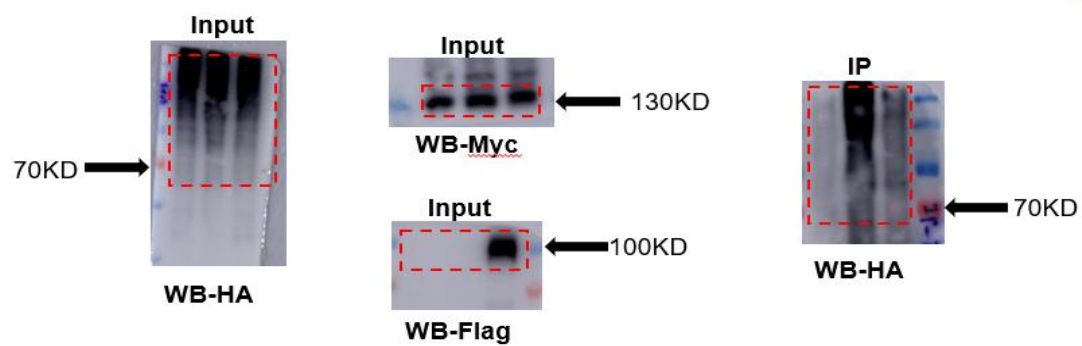
C

CHX(min)	Flag-tag+Myc-HIF1α			Flag-RBCK1+Myc-HIF1α		
0	1	1	1	1	1	1
20	0.4	0.36	0.33	0.8	0.9	0.84
40	0.2	0.27	0.29	0.5	0.43	0.53
60	0.1	0.12	0.16	0.2	0.35	0.25

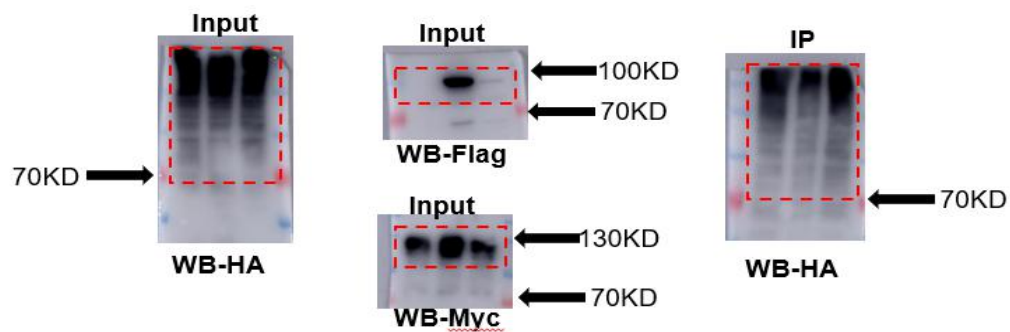
D



E



F



G

