

# Figure 1E

<b>Time(h)</b>	<b>siControl</b>			<b>siRNF187#1</b>			<b>siRNF187#2</b>		
0	0.997802	0.993407	1.008791	1.079727	0.958998	0.961276	1.088847	0.952741	0.960302
24	5.512088	5.784615	5.096703	3.57631	3.553531	3.46697	3.018904	2.89225	2.924386
48	14.84835	13.61538	15.94505	7.826879	9.330296	9.277904	5.975425	6.517958	7.047259
72	18.01978	19.05714	19.53846	12.79954	13.84282	14.01139	10.99055	10.42911	11.55577

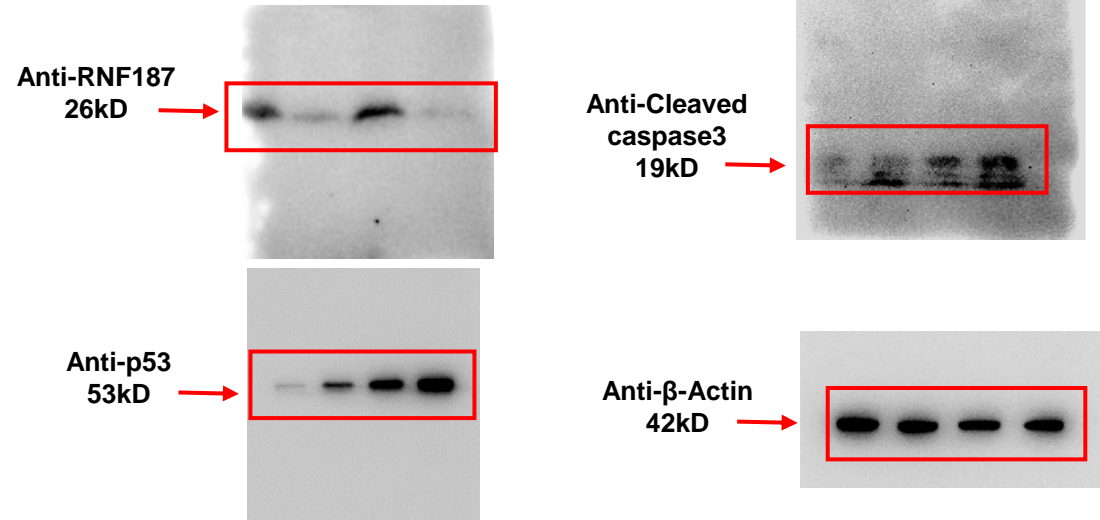
**Figure 1F**

<b>Time(h)</b>	<b>siControl</b>			<b>siRNF187#1</b>			<b>siRNF187#2</b>		
0	0.876834	1.040389	1.082792	0.979312	0.932752	1.087952	1.065914	0.862797	1.071307
24	4.874835	4.023346	4.803659	2.70824	3.758527	3.287135	2.794625	2.820269	3.420632
48	13.46741	13.94909	13.08412	8.542671	7.943135	8.037807	6.679489	7.622332	7.233117
72	17.99079	17.06065	17.00295	9.729486	10.07248	9.065439	7.97728	7.073981	8.106699

# Figure 1G

<b>Time(h)</b>	<b>siControl</b>			<b>siRNF187#1</b>			<b>siRNF187#2</b>		
0	0.906588	1.087906	1.005489	0.914443	1.010701	1.074872	0.914443	1.010701	1.074872
24	5.431289	5.497223	5.068653	2.600552	3.096809	3.296809	2.719266	3.096809	2.655094
48	8.2472	9.999951	9.27468	3.518202	3.834245	4.555102	3.799488	3.27596	3.255102
72	14.96146	13.79114	13.4285	7.272217	7.156174	7.936388	5.65779	6.571161	6.042818

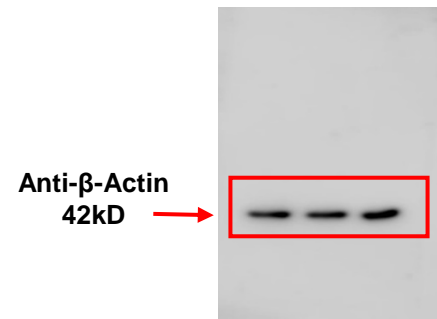
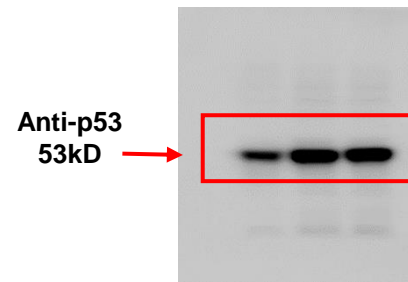
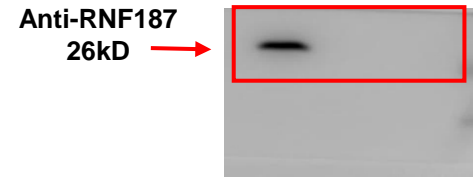
**Figure 1L**



**Figure 1M**

<b>Cisplatin(<math>\mu</math>M)</b>	<b>siControl</b>			<b>siRNF187</b>		
0	0.997738	1.013575	0.988688	0.959415	1.005681	1.034902
8	0.911765	0.9819	0.900452	0.762175	0.854707	0.896103
16	0.760181	0.841629	0.825792	0.513473	0.498863	0.436688
24	0.640271	0.696833	0.723982	0.38198	0.335551	0.320941
32	0.588235	0.717195	0.656109	0.287889	0.225454	0.215714
40	0.579186	0.508597	0.447059	0.128052	0.187013	0.127532

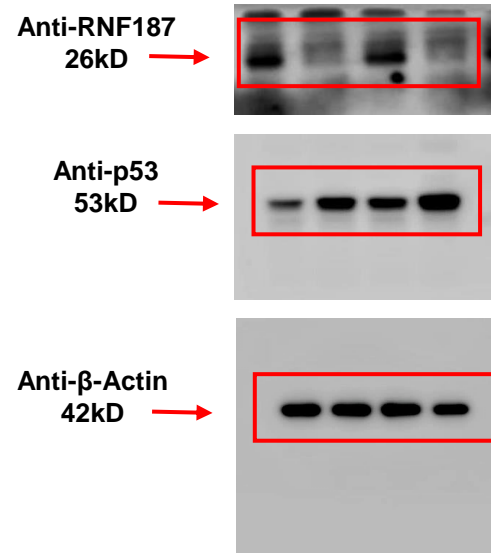
**Figure 3A**



**Figure 3C**

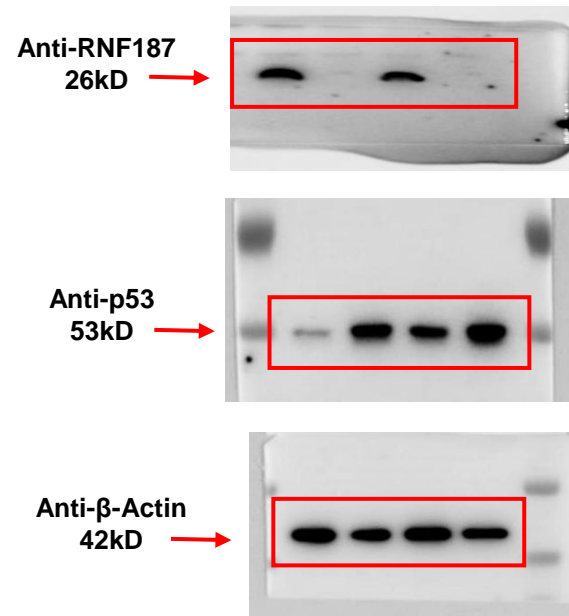
	siControl			siRNF187#1			siRNF187#2		
P53INP1	1.059496	0.915138	1.025197	4.239294	4.210344	3.748905	3.787398	2.916964	3.29404
P21	1.065213	0.996435	0.938465	2.581142	3.170254	3.424896	4.03974	5.30264	5.2457
BTG2	0.965079	1.001775	1.032704	3.347953	2.448265	2.560149	4.945892	5.02047	5.460678
BAX	0.984316	0.994979	1.020656	3.065587	2.978539	2.820568	3.827283	3.441747	3.665992

**Figure 3D**

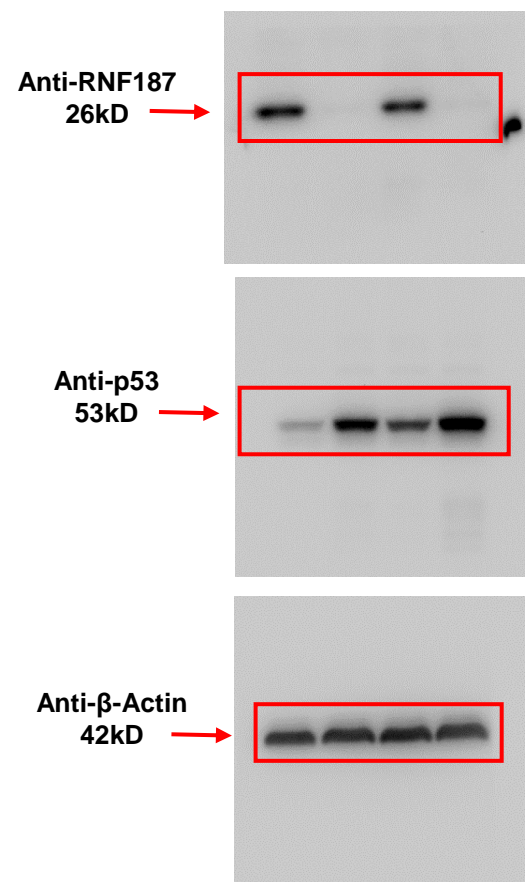




**Figure 3E**



**Figure 3F**



**Figure 3G**

	siControl+Vehicle			siRNF187+Vehicle			siControl+Cisplatin			siRNF187+Cisplatin		
P53INP1	1.009345	0.945824	1.044323	2.207663	2.12139	2.145905	2.661142	2.448007	2.6681	3.85178	3.813115	3.887684
P21	1.089362	1.005184	0.905442	2.259027	2.375903	2.580061	5.483117	5.611781	4.836528	9.86715	8.364579	8.021797
BTG2	1.003413	0.977975	1.018375	3.2013	3.130099	3.180334	3.393154	3.486725	3.578999	5.832558	5.990349	6.02134
BAX	1.08677	1.026162	0.887156	2.435925	2.314966	2.650207	2.204112	2.205415	2.125169	4.04383	4.088491	4.07262

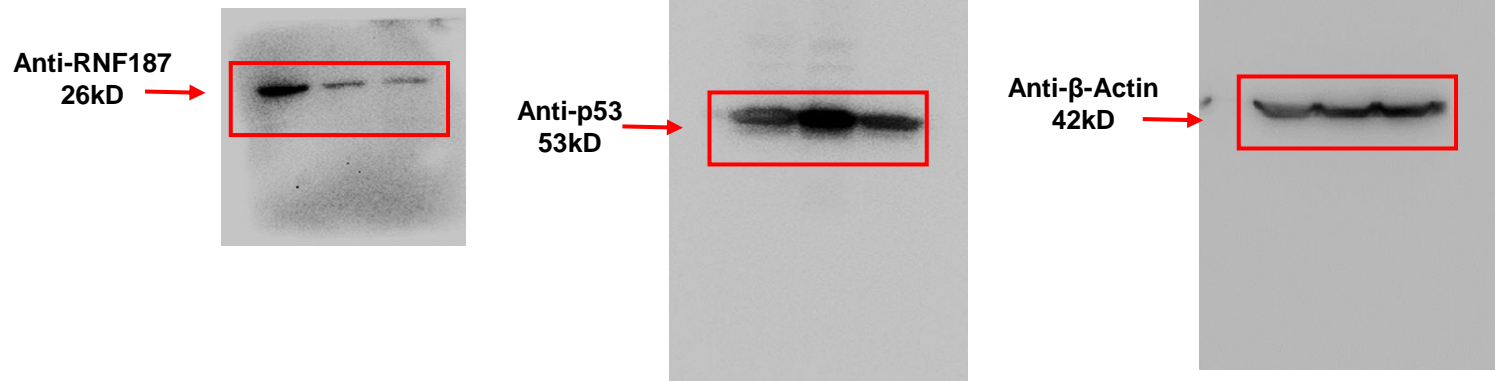
# Figure 3H

	siControl+Vehicle			siRNF187+Vehicle			siControl+Cisplatin			siRNF187+Cisplatin		
P53INP1	1.022256	1.022322	0.955653	8.376135	8.496781	7.774995	2.288713	2.237563	2.119314	10.50461	10.04416	10.63484
P21	0.911369	1.073152	1.015503	4.102641	3.690866	3.259424	2.334243	2.230405	2.302885	11.54561	9.652185	9.725313
BTG2	1.05639	0.966567	0.97713	5.11737	4.165703	4.240725	2.001815	1.957957	1.867986	5.903262	5.867633	5.870046
BAX	0.990161	1.03614	0.973687	2.269149	2.139396	2.089649	1.780737	1.748049	1.813424	8.38568	7.789322	7.764153

# Figure 3I

	siControl+Vehicle			siRNF187+Vehicle			siControl+Cisplatin			siRNF187+Cisplatin		
P53INP1	0.970203	1.085027	0.94477	1.93498	1.76653	1.917415	2.425986	2.958953	2.912351	4.455044	4.611294	4.510123
P21	1.103026	0.903503	0.993471	3.290732	4.741678	3.651392	4.579904	4.565549	5.686492	7.901556	8.116201	8.212242
BTG2	1.048922	1.046612	0.904466	4.088145	5.401432	4.172018	3.124812	2.699217	3.586869	7.294384	7.026983	6.69265
BAX	1.011771	1.01907	0.969161	1.629523	2.20748	1.700421	1.528955	1.755337	1.788532	3.194541	3.463812	3.191474

**Figure 4A**



**Figure 4B**

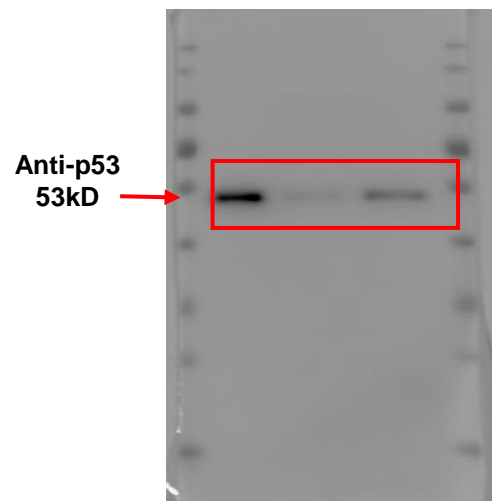
	siControl+siControl			siRNF187+siControl			siRNF187+siP53		
BTG2	0.966021	1.011139	0.985139	1.84288	2.02803	2.213181	1.055961	1.019476	1.32231
BAX	0.791689	1.124834	1.012874	2.138436	2.088758	2.57721	1.455227	1.339088	1.299747
P21	0.984431	0.92889	1.054992	2.911658	2.407338	2.659498	1.312304	1.19282	1.089888

**Figure 4C**

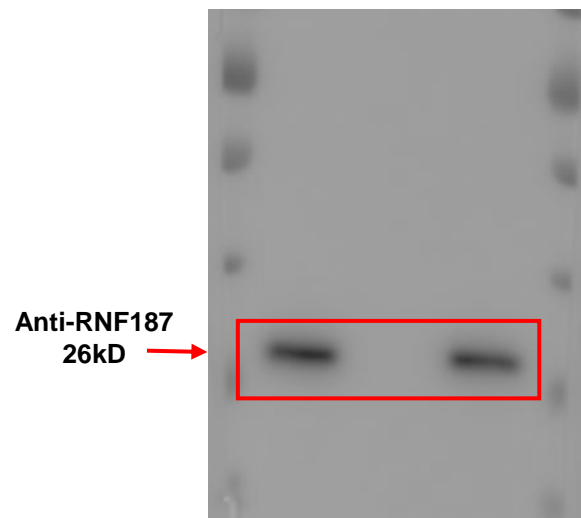
<b>Time(h)</b>	<b>siControl+siControl</b>			<b>siRNF187+siControl</b>			<b>siRNF187+siP53</b>		
0	0.979664	0.905377	1.114973	0.933897	1.106072	0.960031	0.948364	1.038484	1.013138
24	4.952045	4.814083	5.202765	1.775557	1.429669	1.114374	2.973936	3.275272	3.986369
48	9.023255	8.39492	9.252749	2.634896	2.934743	2.198155	6.965938	6.87441	5.945055
72	14.32949	13.04803	13.23243	4.672175	3.752498	3.935434	9.782165	9.690637	8.761283



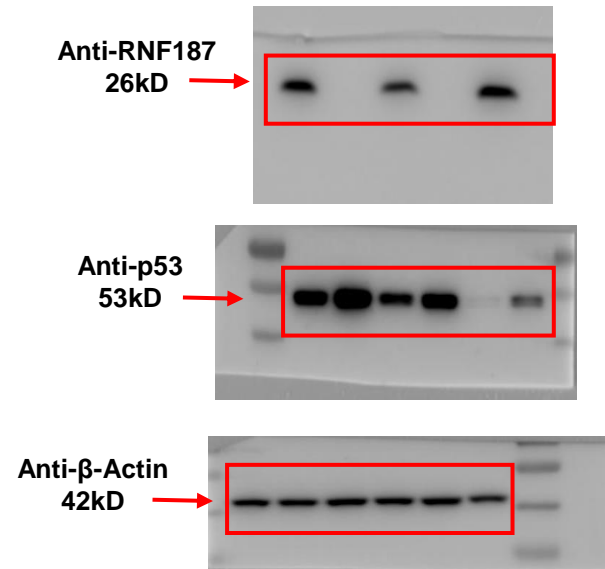
**Figure 5B**



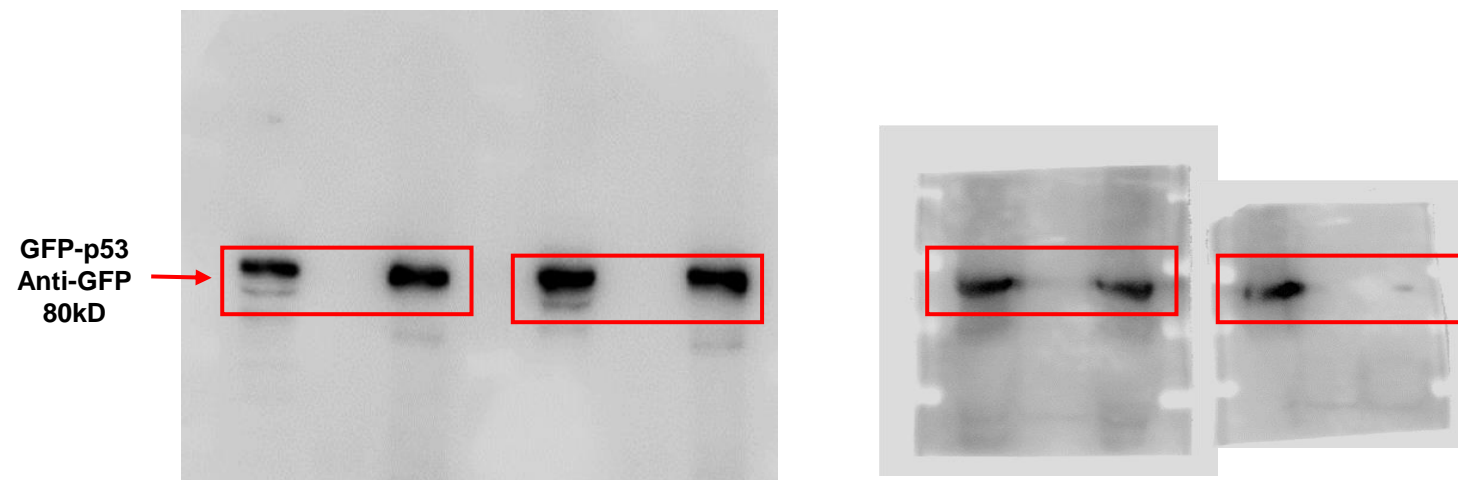
**Figure 5C**



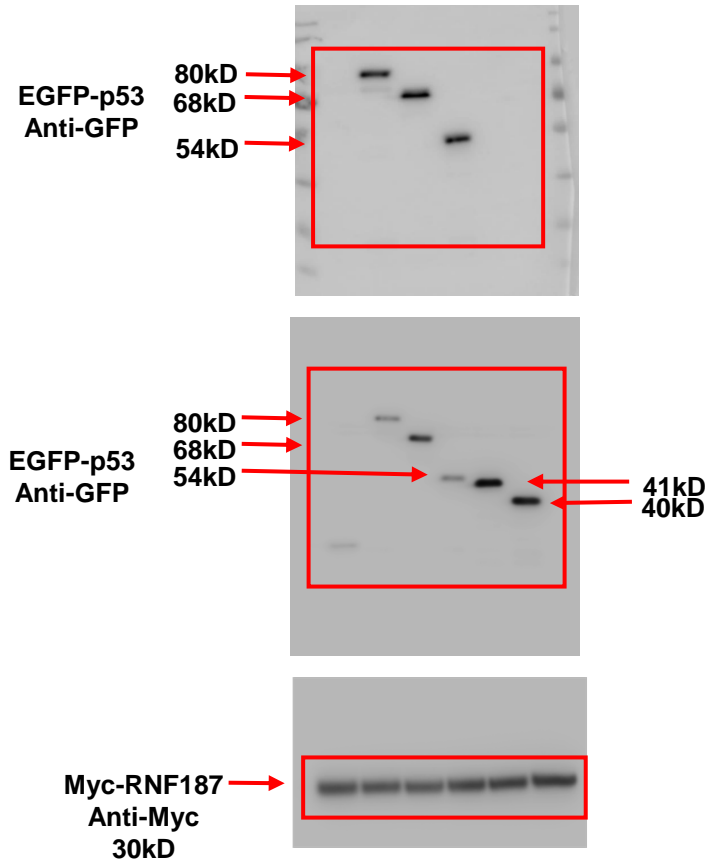
**Figure 5D**



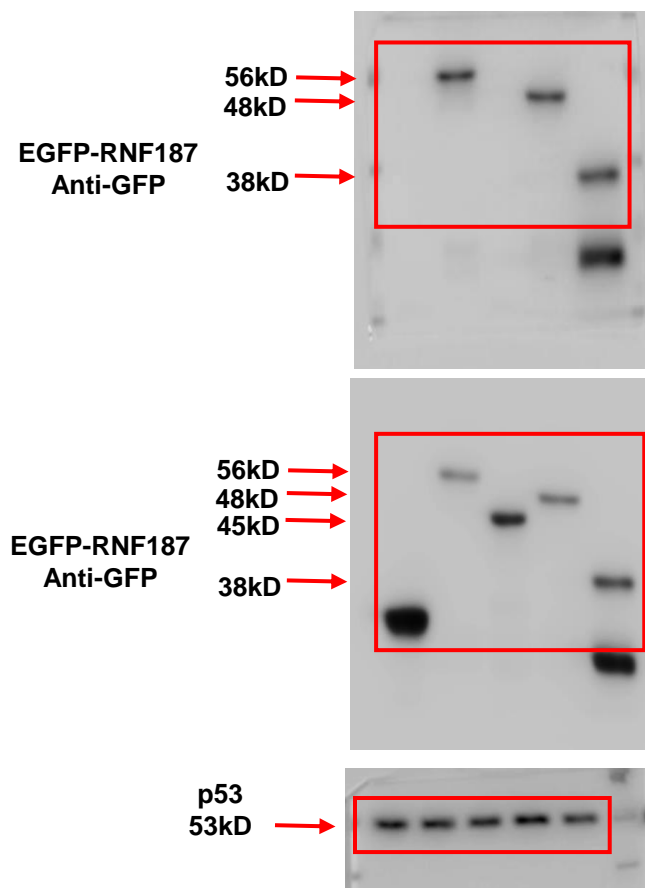
**Figure 5E**



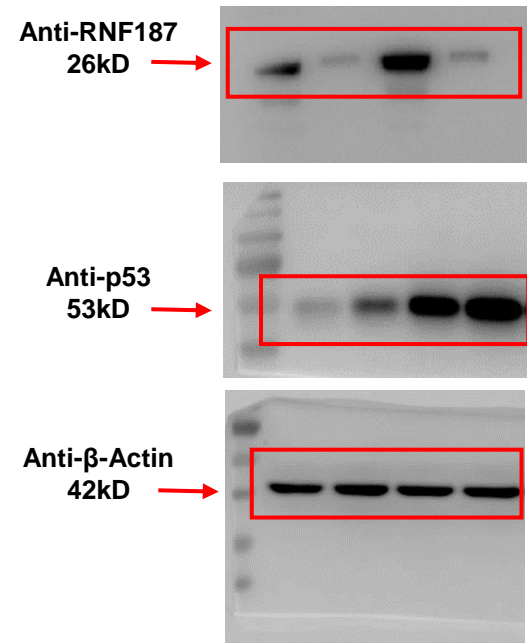
**Figure 5G**



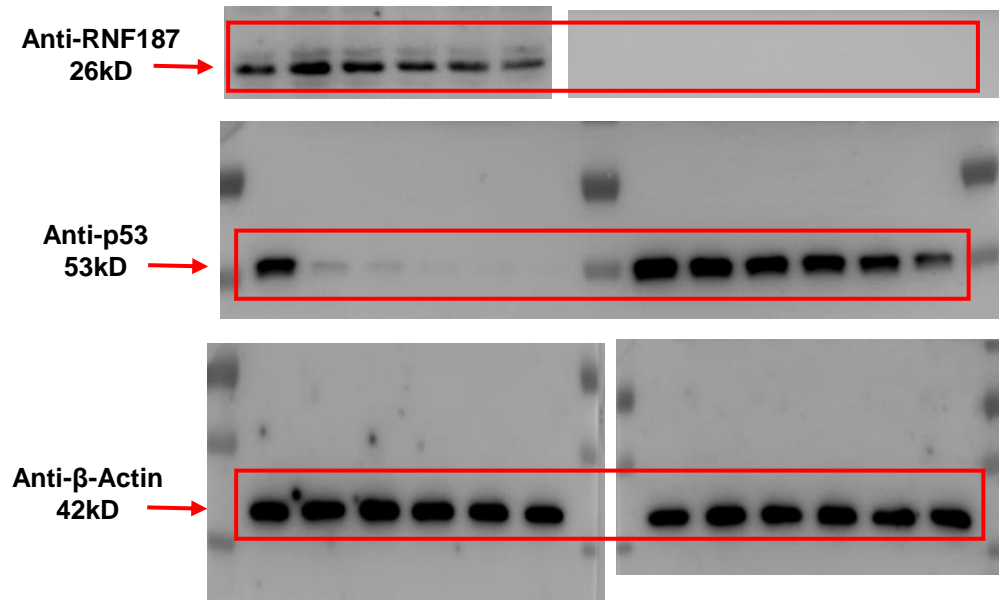
**Figure 5H**



**Figure 6A**

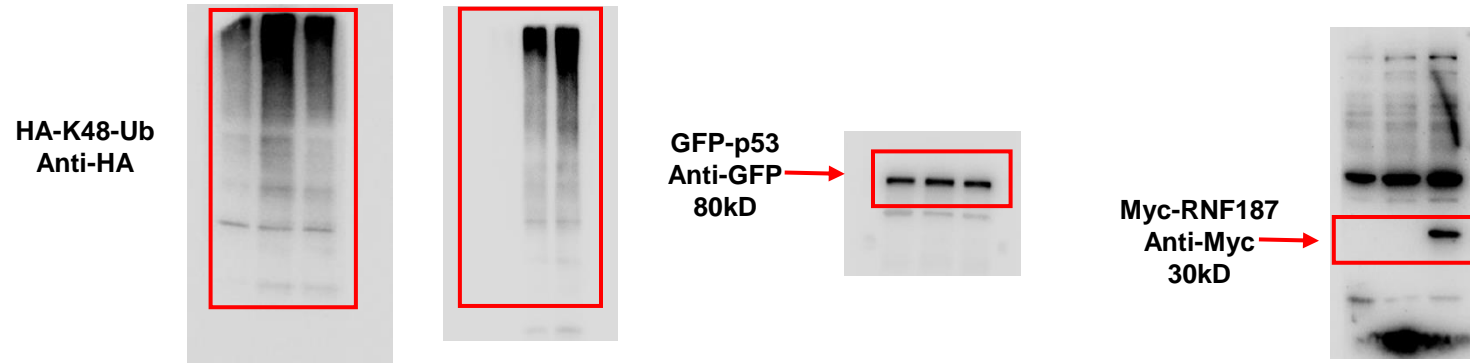


**Figure 6B**

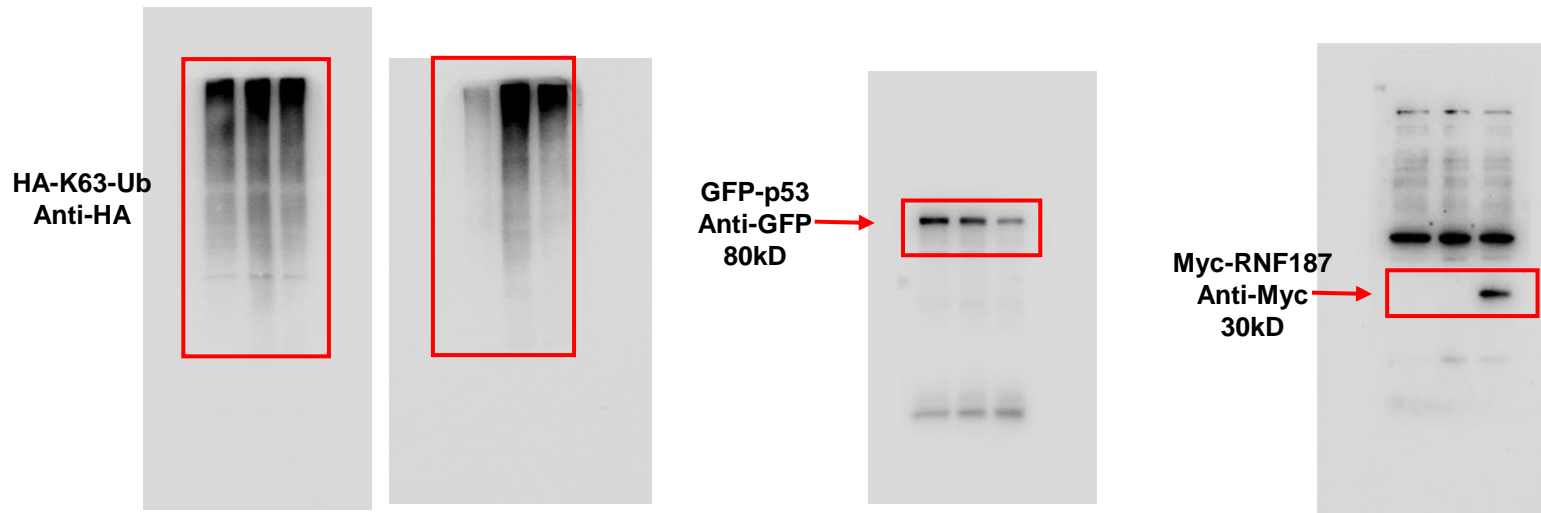




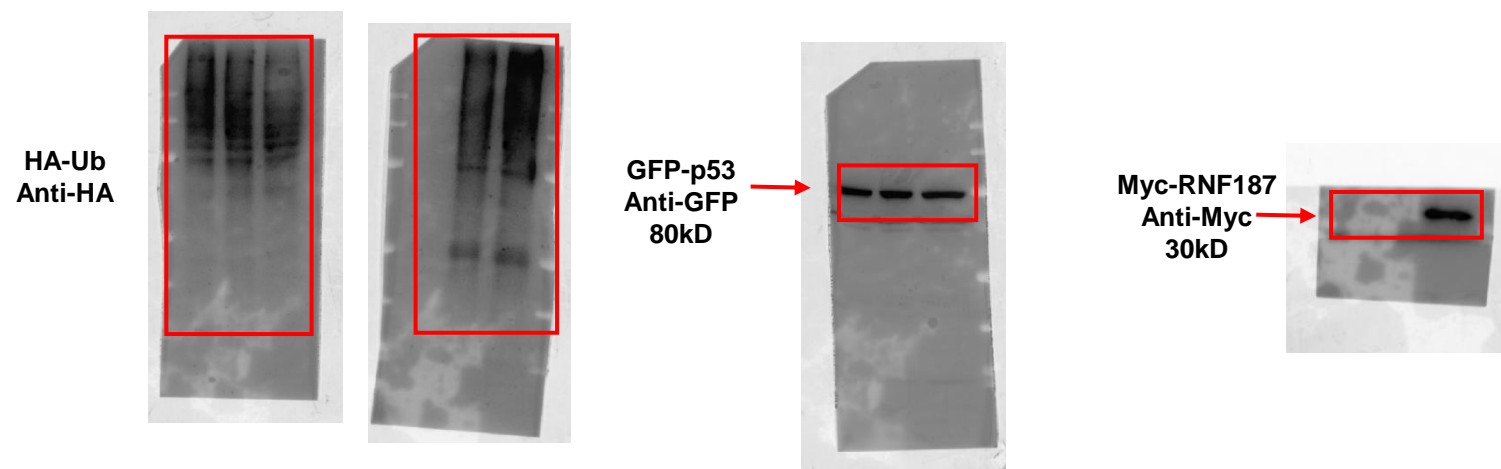
**Figure 6D**



**Figure 6E**

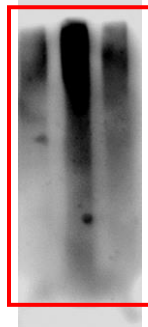


**Figure 6F**

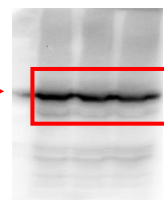


**Figure 6H**

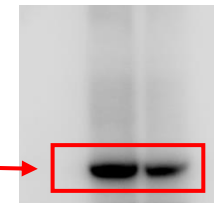
HA-Ub  
Anti-HA



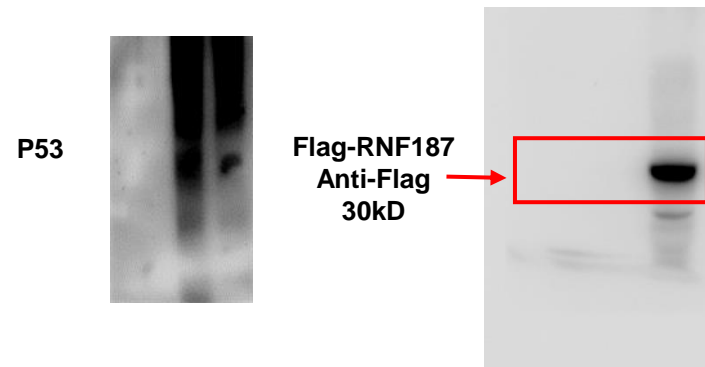
GFP-p53  
Anti-GFP  
80kD



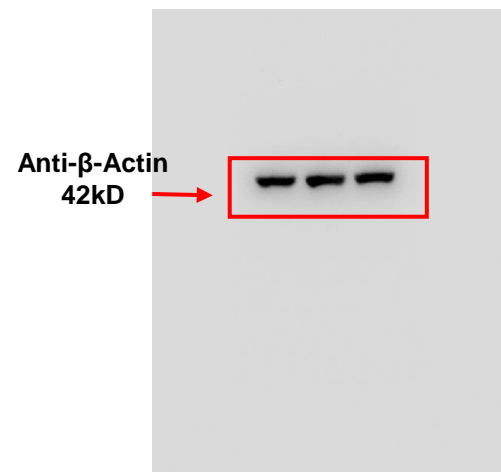
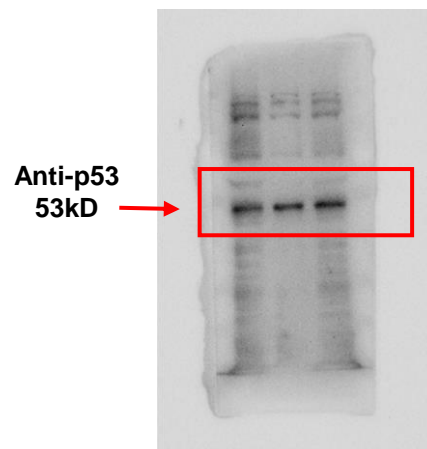
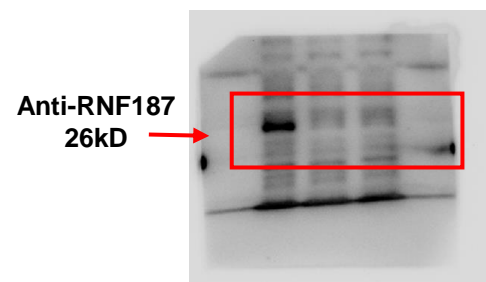
Myc-RNF187 WT  
Myc-RNF187 RM  
Anti-Myc  
30kD



**Figure 6I**



## Supplementary Figure 3A



## Supplementary Figure 3C

<b>Time(h)</b>	<b>siControl</b>			<b>siRNF187#1</b>			<b>siRNF187#2</b>		
0	1.198083	0.753994	1.047923	1.197026	0.929368	0.873606	0.716157	1.358079	0.925764
24	3.102236	4.166134	4.159744	3.092937	2.594796	2.992565	2.541485	2.982533	3.052402
48	7	9.776358	8.715655	6.32342	7.100372	7.327138	6.676856	6.131004	7.340611
72	12.63791	13.95101	12.41427	12.36307	11.42999	10.66791	10.60116	10.77584	11.43086