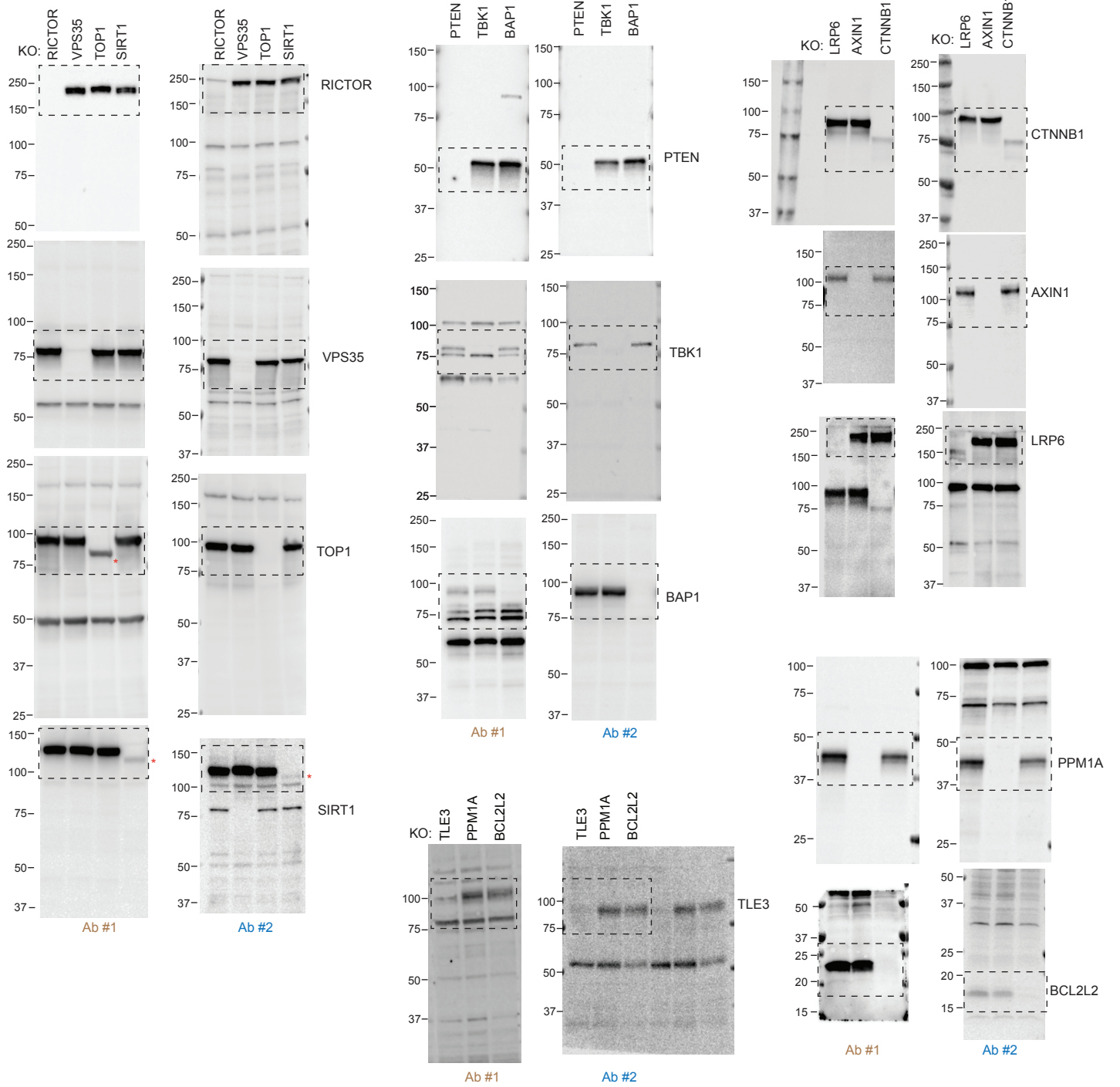


# **CRISPR/Cas9-based mutagenesis frequently provokes on-target mRNA misregulation**

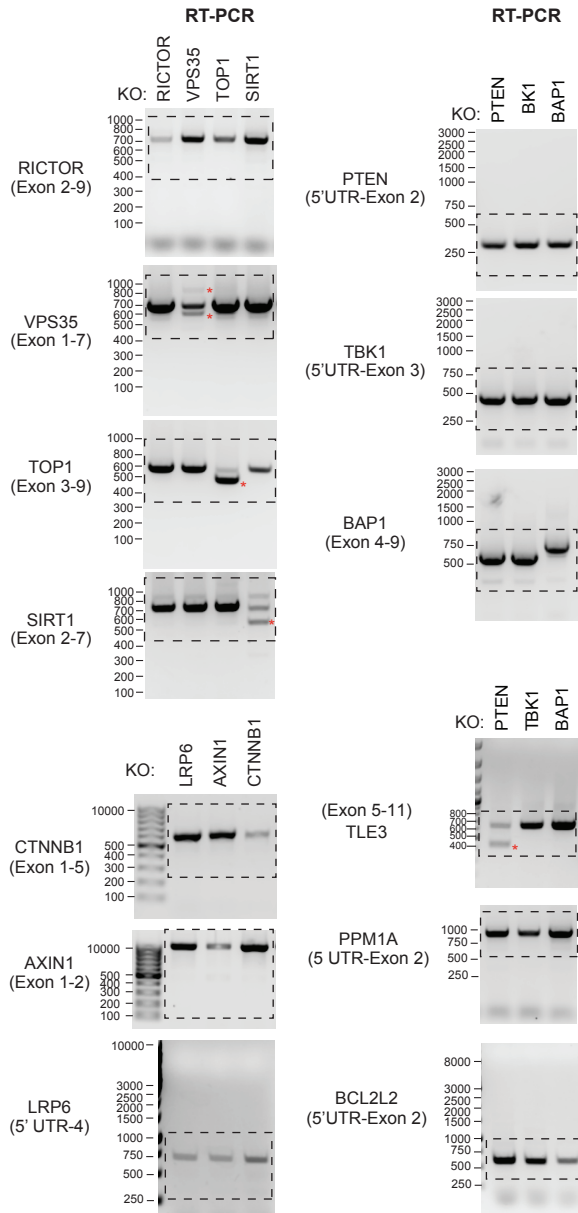
Rubina Tuladhar, Yunku Yeu, John Tyler Piazza, Zhen Tan, Jean Rene Clemenceau, Xiaofeng Wu, Quinn Barrett, Jeremiah Herbert, David H. Mathews, James Kim, Tae Hyun Hwang, and Lawrence Lum.

Figure 1B

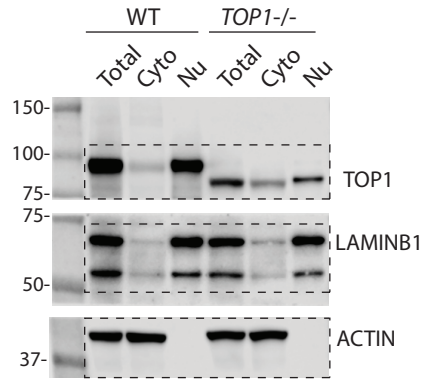
Western blot



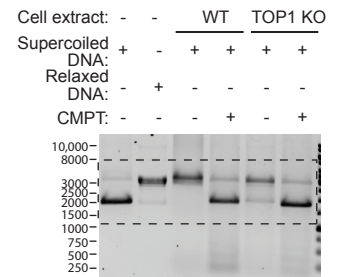
**Figure 1C**



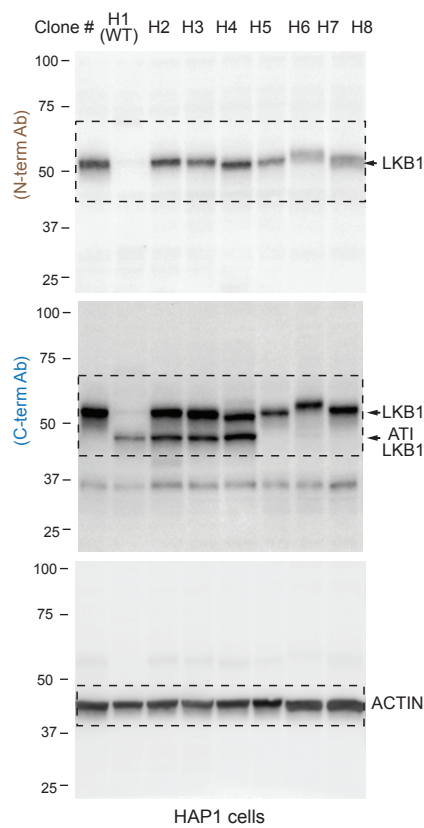
**Figure 2A**



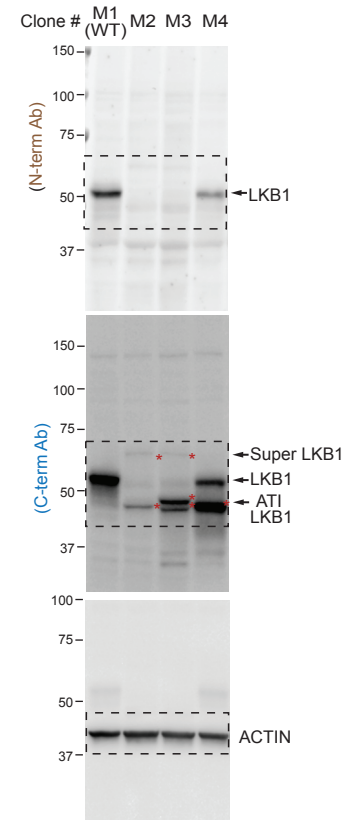
**Figure 2B**



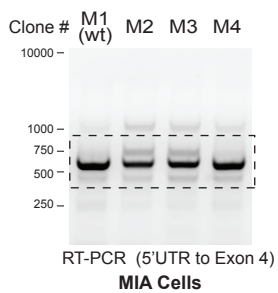
**Figure 3B**

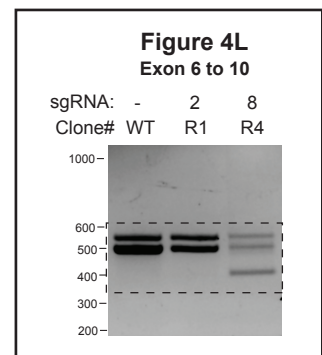
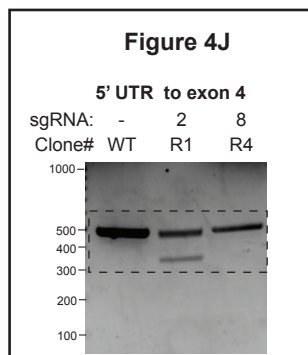
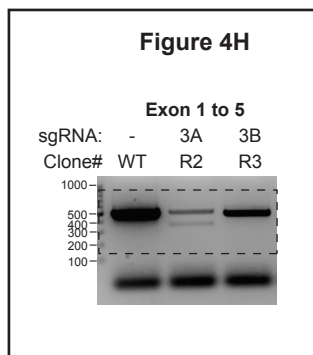
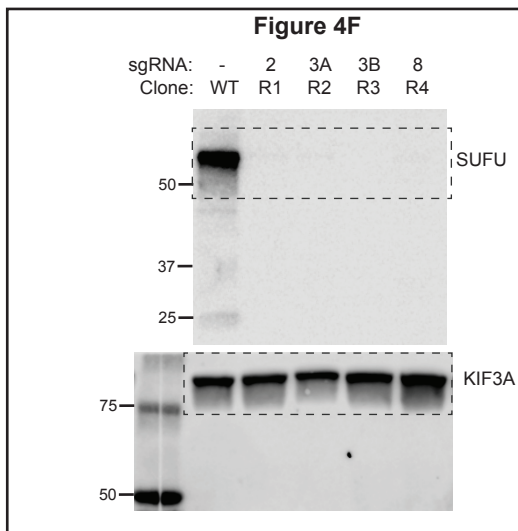
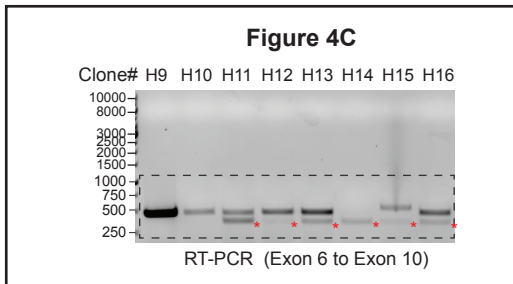
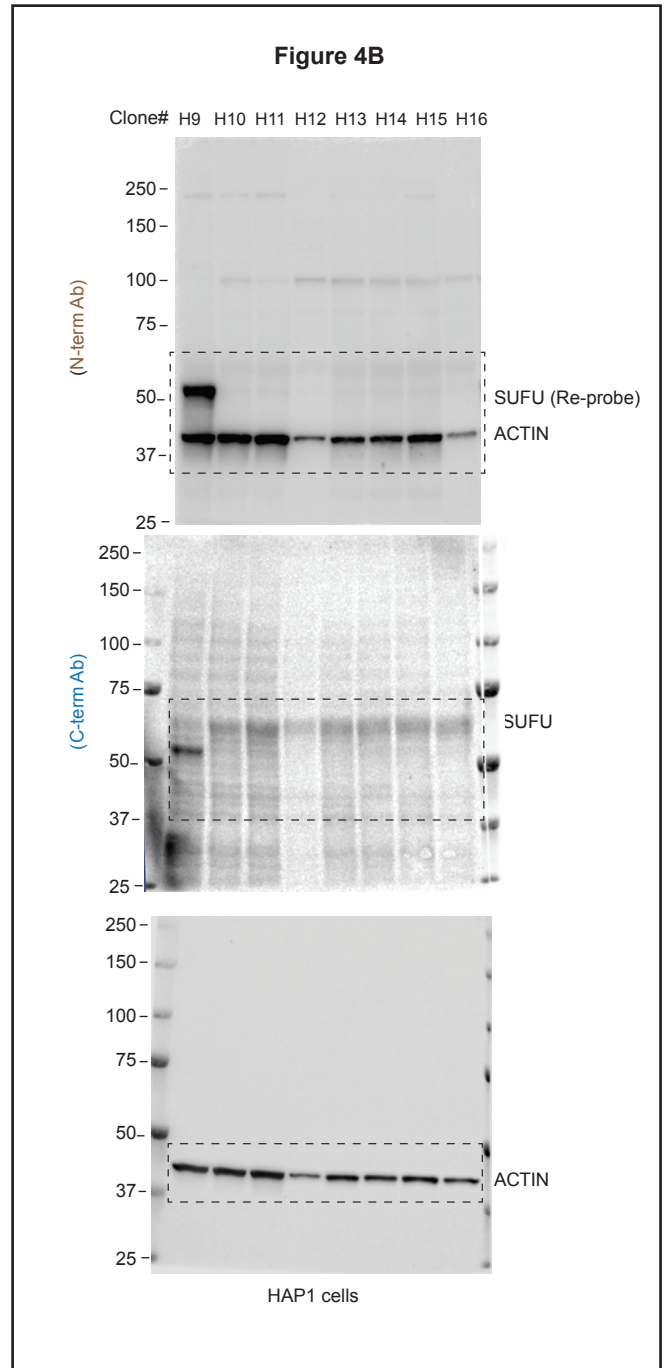
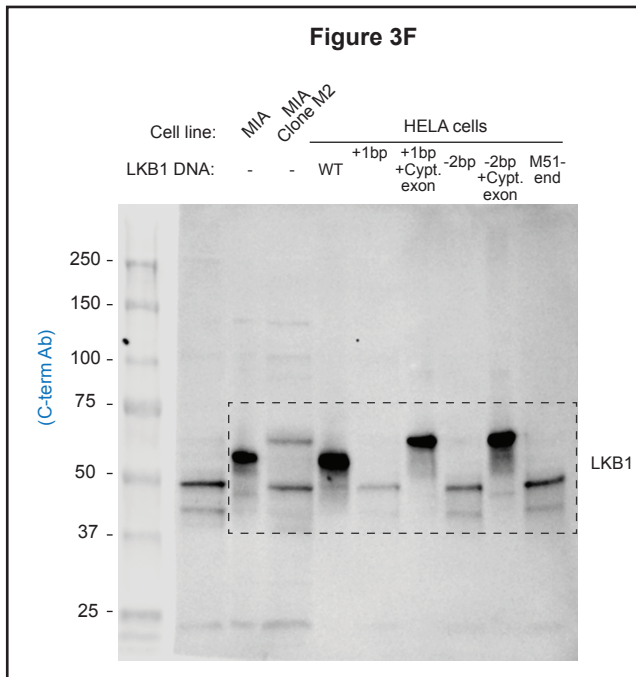


**Figure 3C**



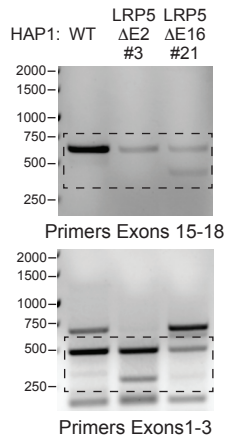
**Figure 3E**



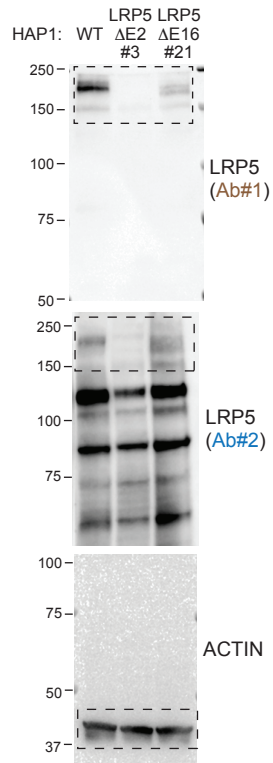




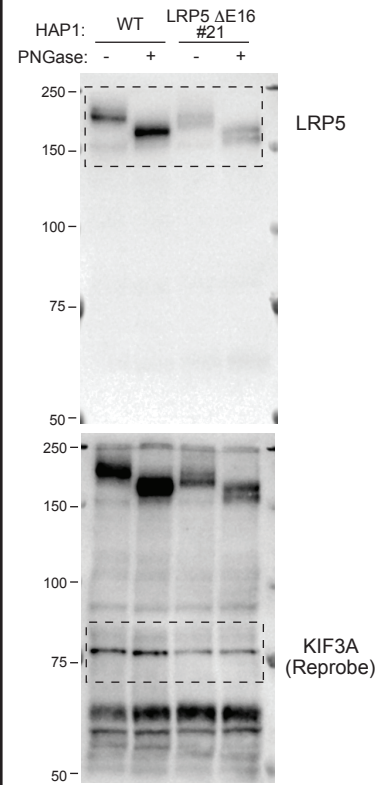
**Figure 5D**

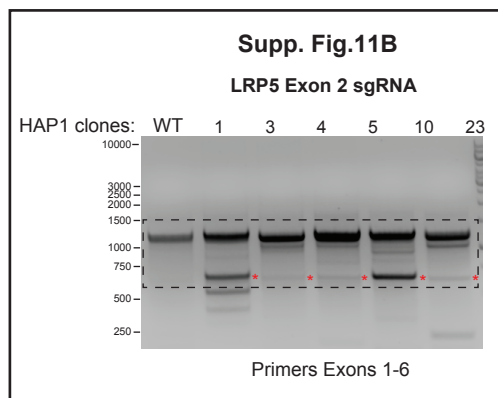
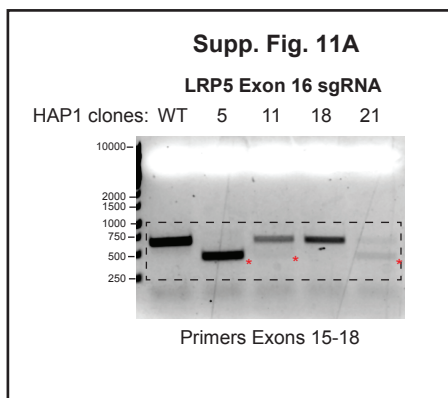
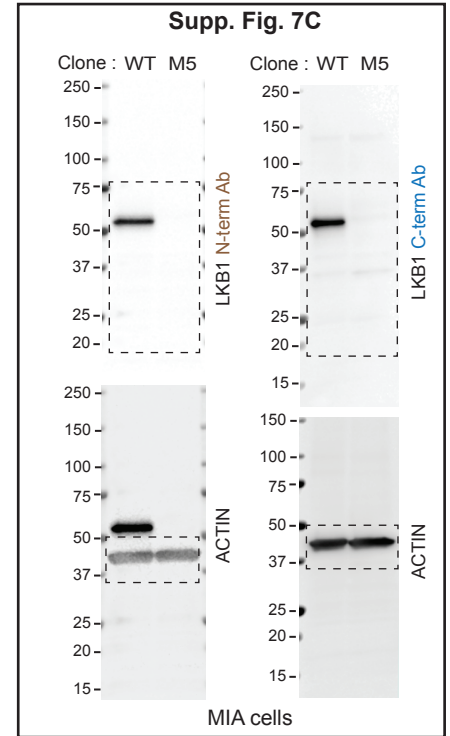
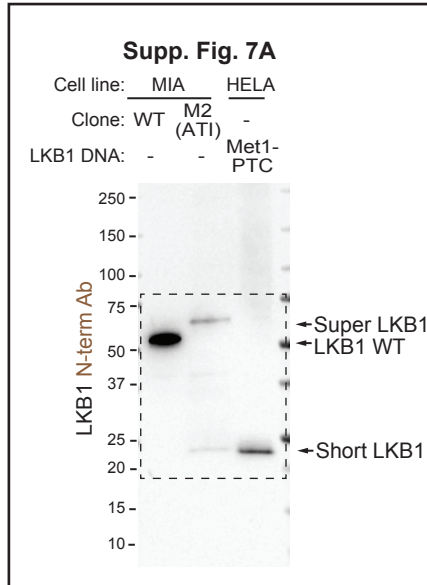
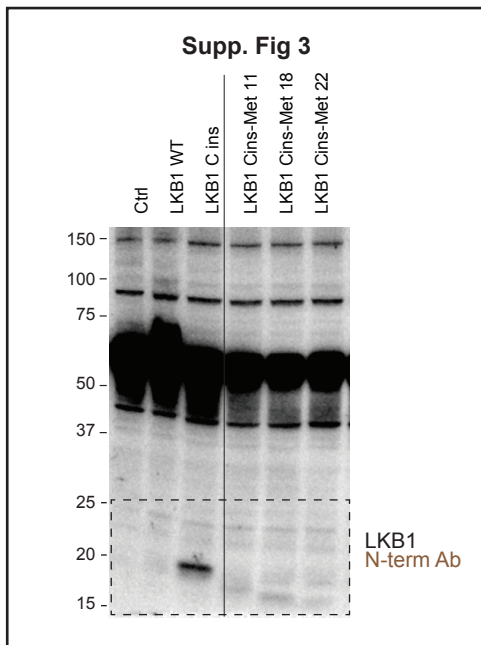
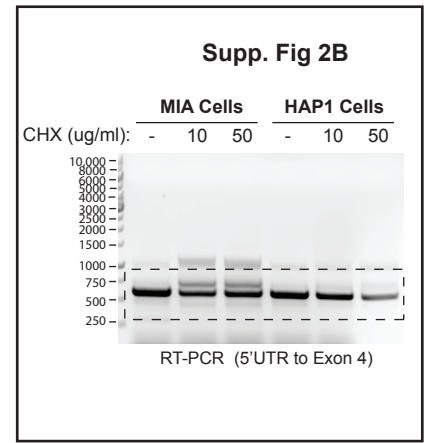
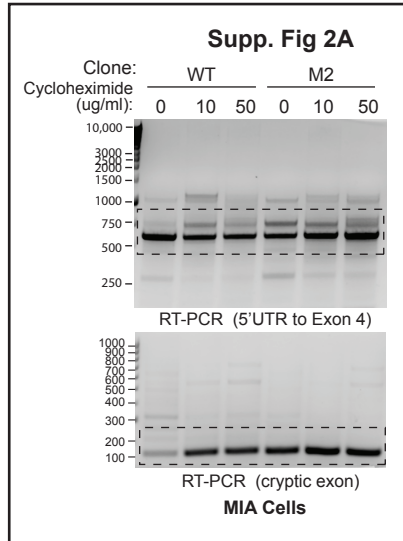
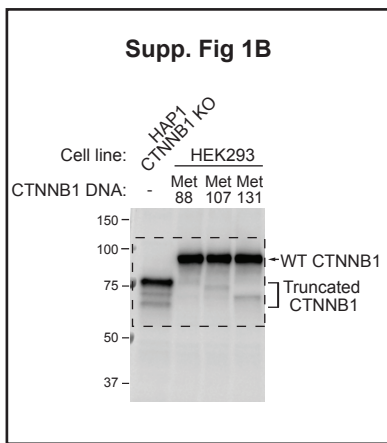
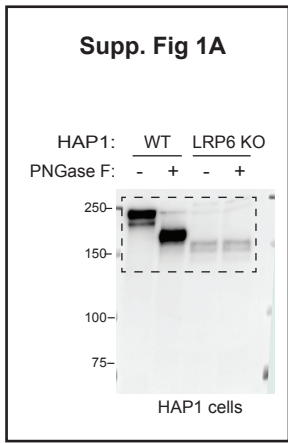


**Figure 5E**



**Figure 5F**





Raw data for bar graph in Figure 5H.

WT Cells			LRP5 $\Delta$ E2 #3			LRP5 $\Delta$ E16 #21		
DMSO	PORCNI	TNKS <i>i</i>	DMSO	PORCNI	TNKS <i>i</i>	DMSO	PORCNI	TNKS <i>i</i>
25269	22854	2488	3539	5208	864	17369	12000	2354
30984	20195	2725	2836	2583	876	13351	13770	2647
30401	21896	5106	1880	3350	649	14586	6806	2227