A

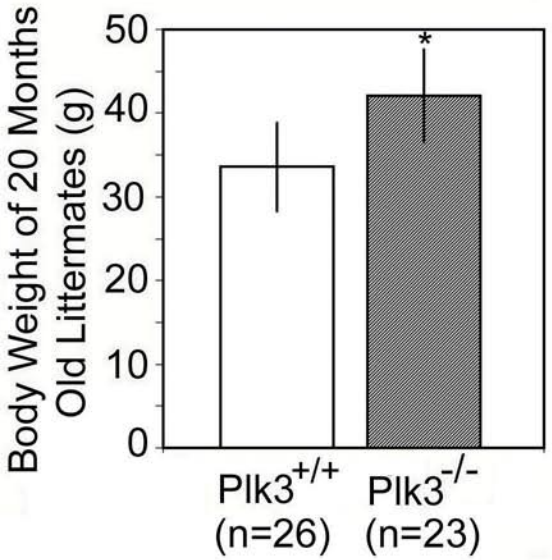


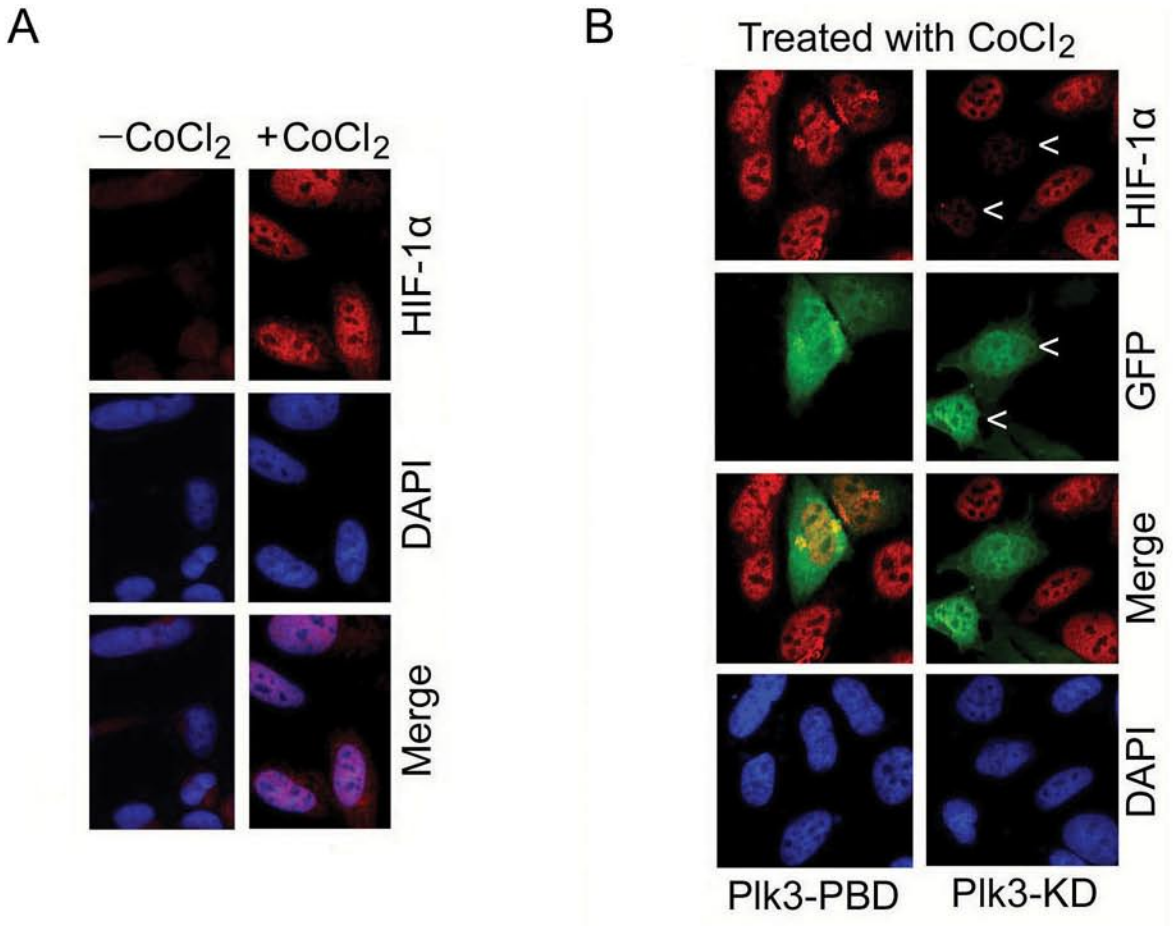
Table 1: Tumor development in $Plk3^{+/+}$ vs $Plk3^{-/-}$ littermates

Tumor Type	Lung	Liver	Kidney	Intestine	Uterus	Total # of tumors
Plk3$^{+/+}$ (n=21)	2 (9.5%)	0	0	0	0	2 (9.5%)
Plk3$^{-/-}$ (n=26)	8(30.8%)	5 (19.2%)	2 (7.6%)	1 (3.8%)	2 (7.6%)	18 (69.2%)

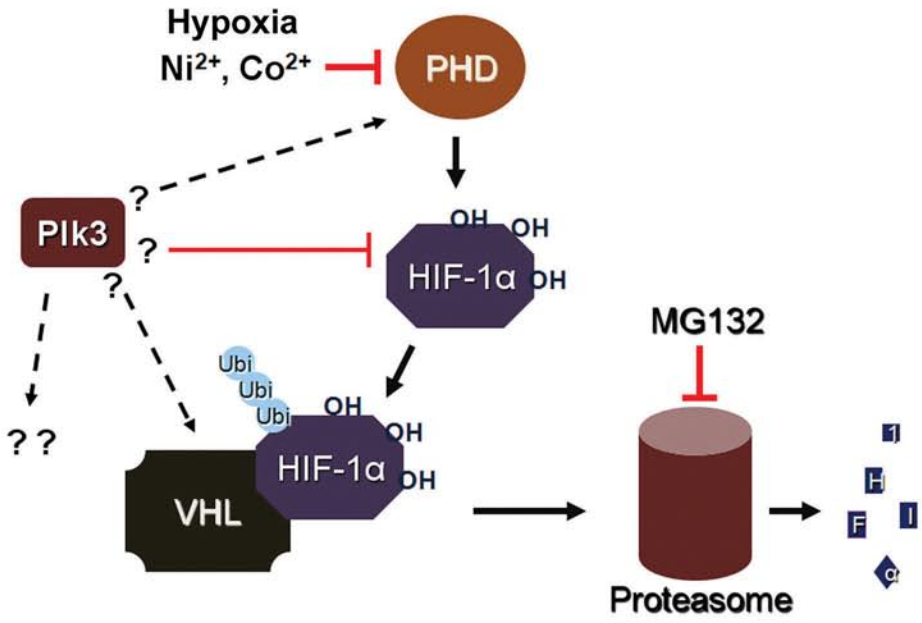
Table 2: Ectopic expression of Plk3-KD suppreses HIF-1α induction

Constructs	GFP	Plk3-FL	Plk3-PBD	Plk3-KD	Plk3-KD^{T219D}
HIF-1α Signals	1.0	0.7	1.3	0.5	1.2

Approximately equal amounts of proteins from cells transfected with various expression constructs and treated with nickel ions, as shown in Figure 6C, were blotted for HIF-1α. Specific HIF-1α signals were quantitated by densitometry. After normalizing with β-actin signals, HIF-1α signals are presented (arbitrary unit) . The data were summarized from two independent expriments.



A. HeLa cells treated with CoCl2 for 4 h were stained with the HIF-1α antibody (red). DNA was stained with DAPI (blue). Representative cells are shown.
B. HeLa cells transfected with various expression constructs for 24 h and then treated with CoCl2 for 4 h were stained with antibodies to HIF-1α (red) and GFP (green). DNA was stained with DAPI (blue). Representative cells are shown. Arrowheads indicate Plk3-KD-expressing cells with suppressed accumulation of nuclear HIF-1α after CoCl2 treatment.



Supplement 3