

Supplemental Information

HP1 cooperates with CAF-1 to compact heterochromatic transgene repeats in mammalian cells

Haiyan Yan^{1,2,*}, Xingfeng Xiang^{1,2}, Qinfu Chen¹, Xuan Pan¹, Hankun Cheng¹, Fangwei Wang^{1,*}

Supplementary Figure S1. The original full-length blots related to Figure 2c.

Lane 1: Mock

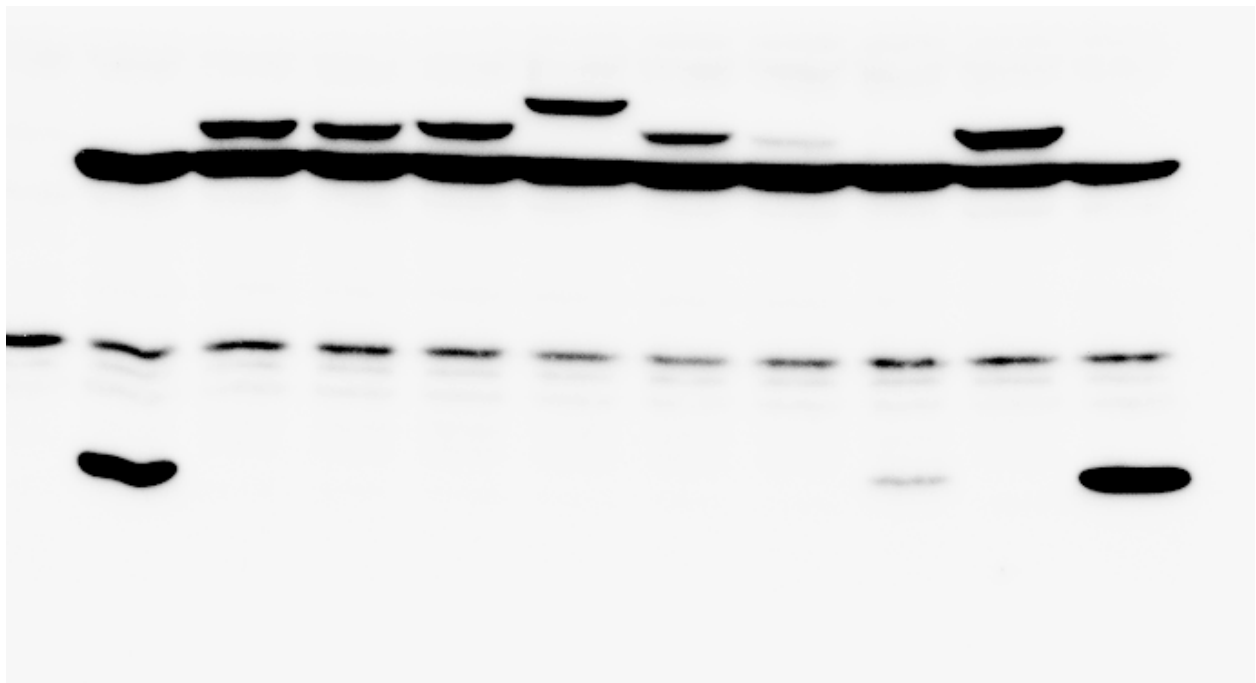
Lane 2: VP16+ Δ HP1

Lane 3: VP16+HP1 α WT

Lane 4: VP16+HP1 α I165E

Lane 5: VP16+HP1 α W174A

1 2 3 4 5



Supplementary Table S1. Schematics of plasmid constructs.

phTet-On-Flag	hrTetR	Flag
pTet-On-TR	rTetR	TR β
phTet-On-VP16	hrTetR	VP16
phTet-On-Flag-NLS-VP16	hrTetR	Flag NLS VP16
phTet-On-Flag-NLS- Δ HP1	hrTetR	Flag NLS
phTet-On-Flag-HP1 α	hrTetR	Flag HP1
phTet-On-Flag-p150	hrTetR	Flag p150
pEYFP-LacR	EYFP	LacR
pEYFP-LacR-VP16	EYFP	LacR VP16
pEYFP-LacR-p150	EYFP	LacR p150
pECFP-p150	ECFP	p150
pECFP-p60	ECFP	p60
pECFP-p48	ECFP	p48
pSV2-p150	pSV2	p150
p16TRE-CMV _m -Luciferase	16xTRE repeats	Pcmv _m Firefly luciferase