

Iyengar\_Supplementary Table S1. Summary of ChIP-seq experiments

Library Number	Sample Name	Antibody used	Ab catalog number	Flowcell	Lane	Unique Reads	Peaks	GEO accession number
UCD281 repA	HEK293_FLAG WT-KAP1	Flag	Sigma F1804	091222_SOLEXA2_FC60006AAXX*	6	8,290,885	6,347	in progress
UCD281 repA	HEK293_FLAG WT-KAP1	Flag	Sigma F1804	091212_SOLEXA2_FC612RDAAXX*	7	7,832,504	5,515	in progress
UCD281 repA_merged	HEK293_FLAG WT-KAP1_merged	Flag	Sigma F1804	n.a.	n.a.	15,625,597	26,887	in progress
UCD281 repA	HEK293_FLAG WT-KAP1	Flag	Sigma F1804	101025_KOJAK_00017_FC62P3W	3	15,249,940	23,106	in progress
UCD281_merged	HEK293_FLAG WT-KAP1_merged	Flag	Sigma F1804	n.a.	n.a.	30,687,571	95,403	
UCD313 repB	HEK293_Kap1	Kap1	Ab10483	100122_SOLEXA3_FC61F5HAAXX*	3	13,010,363	31,535	in progress
UCD313 repB	HEK293_Kap1	Kap1	Ab10483	101025_KOJAK_00017_FC62P3W	4	23,935,060	86,041	in progress
UCD313_merged	HEK293_Kap1_merged	Kap1	Ab10483	n.a.	n.a.	36,670,459	165,890	in progress
UCD334	HEK293_FLAG M2-KAP1	Flag	Sigma F1804	100220_SOLEXA2_FC61F74AAXX	4	16,376,905	4,966	in progress
UCD312	HEK293_FLAG ΔRBCC-KAP1	Flag	Sigma F1804	100122_SOLEXA3_FC61F5HAAXX*	2	14,634,579	1,090	in progress
UCD335	HEK293_FLAG ΔPB-KAP1	Flag	Sigma F1804	100220_SOLEXA2_FC61F74AAXX	5	18,269,655	48,195	in progress
UCD434	HEK293_FLAG Δ(RBCC+PB)-KAP1	Flag	Sigma F1804	100908_SOLEXA2_0908_FC628CFAAXX	2	18,145,057	12,273	in progress
UCD283	Input HEK293	none	none	091208_SOLEXA2_FC612P9AAXX*	6	n.a.	n.a.	in progress
UCD291	Input HEK293	none	none	091218_SOLEXA2_FC600H7AAXX*	6	n.a.	n.a.	in progress
UCD314	Input HEK293	none	none	100122_SOLEXA3_FC61F5HAAXX*	5	n.a.	n.a.	in progress
UCD336	Input HEK293	none	none	100220_SOLEXA2_FC61F74AAXX*	6	n.a.	n.a.	in progress
HEK293 input_merged	Input HEK293_merged	none	none	n.a.	n.a.	60,749,104	n.a.	in progress
UCD340	U2OS K4/WT_Kap1	Kap1	Ab10483	100211_SOLEXA1_FC61F5YAAXX	8	17,585,781	71,441	in progress
UCD337	Input U2OS K4/WT	none	none	100302_SOLEXA2_FC6147KAAXX	4	18,937,878	n.a.	in progress
UCD448	HEK293_ELK4	ELK4	sc13030-X	101103_SPADE_00034_FC62NRM	7	12,477,562	1,808	in progress
UCD449	HEK293_ELK4	ELK4	sc13030-X	101103_SPADE_00034_FC62NRM	8	29,491,285	778	in progress
ELK4_merged	HEK293_ELK4_merged	ELK4	sc13030-X	n.a.	n.a.	41,752,051	3,173	in progress

\*Originally mapped to genome version HG18, subsequently remapped to genome version HG19-Female