

Table S1. IDR analysis of CTCF partners

Description	IDR percentage (%)
RYBP	88.1578947
BBC3	85.49222798
LLPH	83.84615385
CD3EAP	81.20300752
YAF2	79.7752809
CBX4	77.45454545
CBX2	77.17601547
YY1	71.9806763
EBNA1BP2	70.58823529
PHC1	69.6039604
PHC3	69.2500175
CBX6	68.28087167
CBX7	61.78343949
CBX8	59.72222222
PHC2	58.75748193
NOP2	58.74384236
RING1A	57.67326733
ATRX	57.26979
HNRNPU	53.875
UBTF	53.3908353
JARID2	48.3792545
FXR1	46.97193501
RSL1D1	43.5840708
KDM2B	43.2061344
ZBTB33	42.6229508
PCL1	41.87279
RING1B	40.89552
AEBP2	38.81469
PCGF2	38.41642
PCGF6	37.5
PCGF4	37.4613
EZH2	30.87248
PCL2	29.89865
SUZ12	21.32254
RBBP4	20.37471
EZH1	18.25503
PCL3	16.46447
RBBP7	15.80189
EED	15.45455
POLR1E	13.74696
PCGF3	11.71548
PCGF5	10.98039
POLR1A	10.65812
FANCD2	10.48276
DDX21	9.069494
WDR5	8.433735
ZMYM1	3.463687
POLR1B	2.026432
FAU	0
PCGF1	0