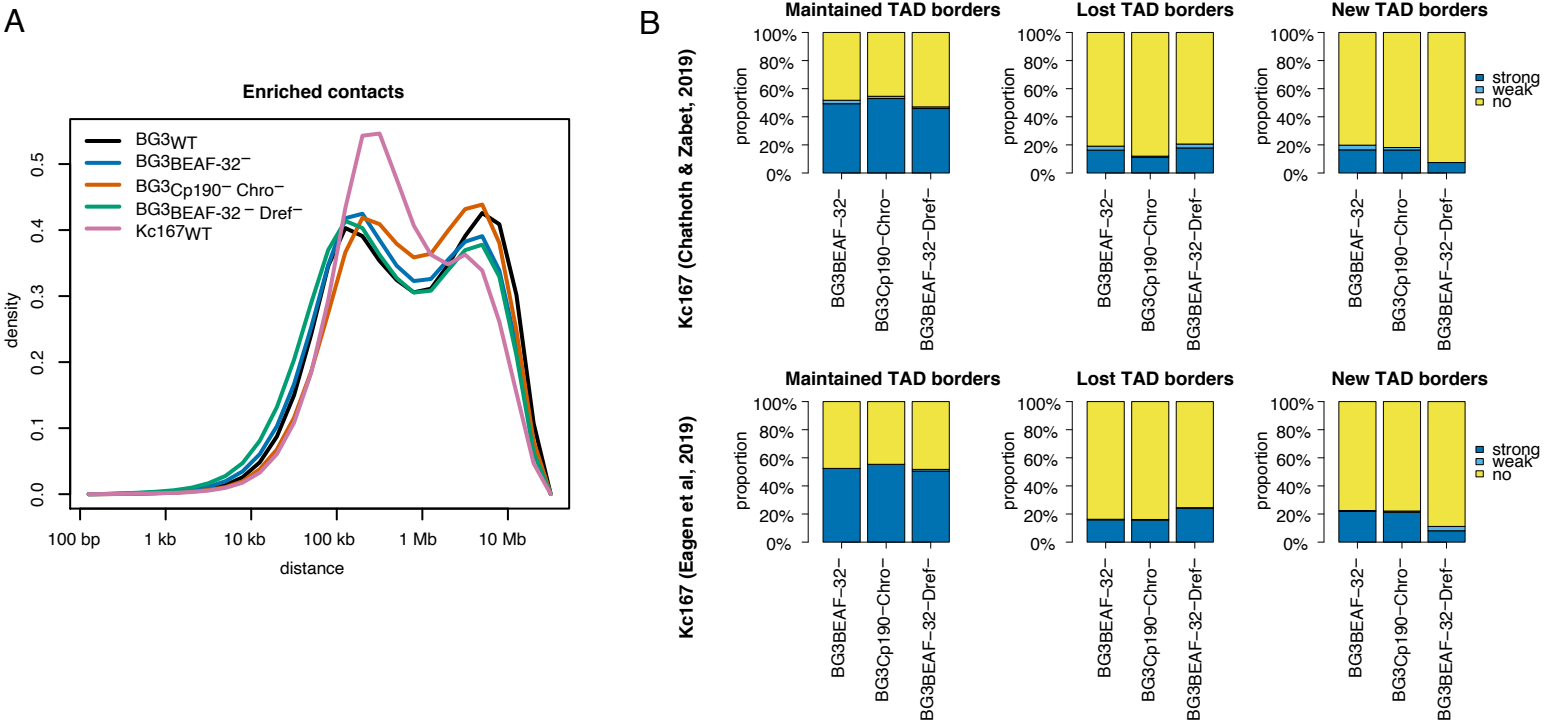
A
Enriched contacts
BG3WT
BG3BEAF-32−
BG3Cp190− Chro−
BG3BEAF-32 − Dref−
Kc167WT
density
0.0
0.1
0.2
0.3
0.4
0.5
100 bp
1 kb
10 kb
100 kb
1 Mb
10 Mb
distance
B
Maintained TAD borders
Lost TAD borders
New TAD borders
Kc167 (Chathoth & Zabet, 2019)
Kc167 (Eagen et al, 2019)
proportion
100%
80%
60%
40%
20%
0%
strong
weak
no
BG3BEAF−32−
BG3Cp190−Chro−
BG3BEAF−32−Dref−

Figure S11. *Comparison of the 3D chromatin organisation in the knockdowns with 3D chromatin organisation in Kc167 cells.* (A) Density distribution of enriched number of contacts. We highlight the density plot of the enriched contacts instead of counts. This was necessary in order to take into account the differences generated by sequencing depth of the libraries for the different knockdowns. For Kc167 we used data from (Chathoth and Zabet 2019). (B) Proportion of robust TAD borders that are maintained in the three knockdowns and are also present in Kc167 cells as either strong or weak borders. Top panels: annotation of robust TAD borders in Kc167 using data from (Chathoth and Zabet 2019). Bottom panels: annotation of TAD borders in Kc167 using a very high sequencing depth library from (Eagen et al. 2017).