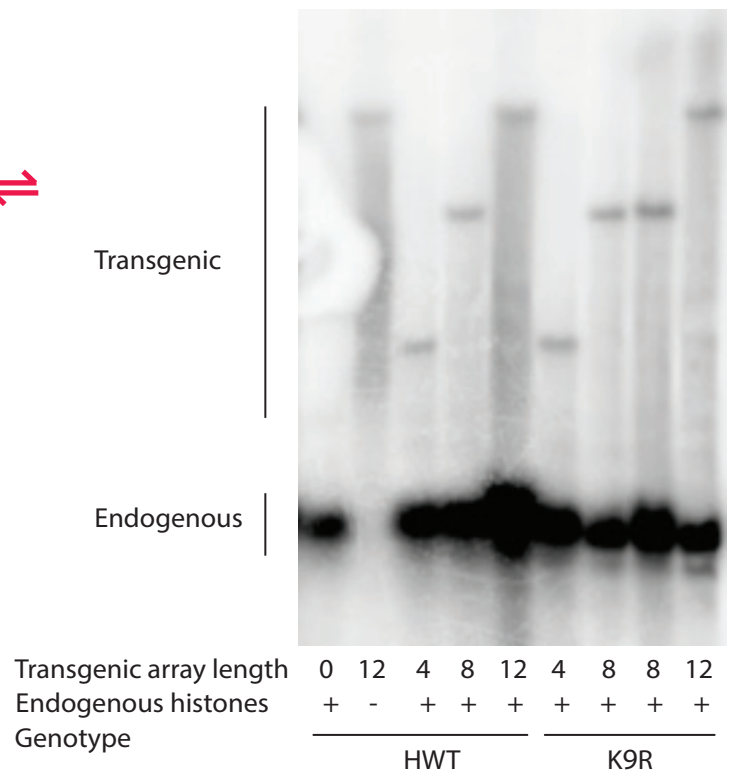
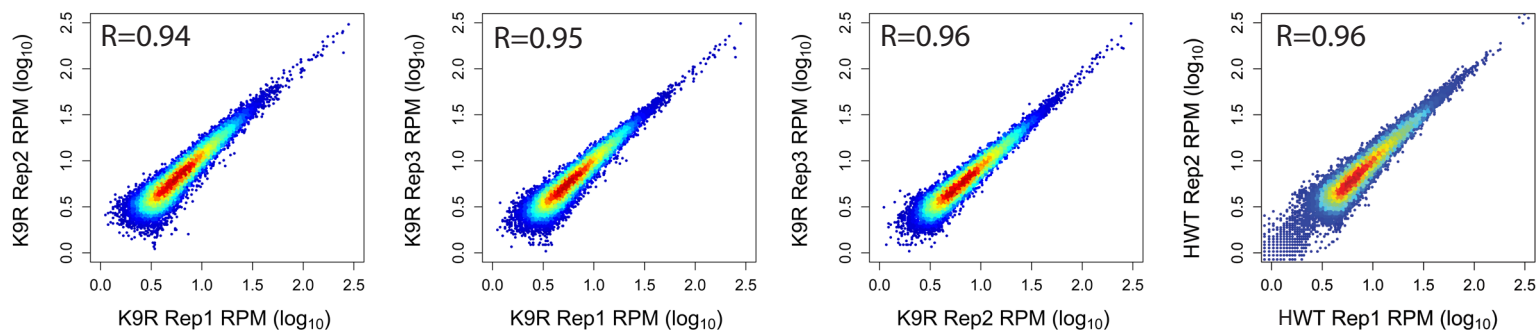
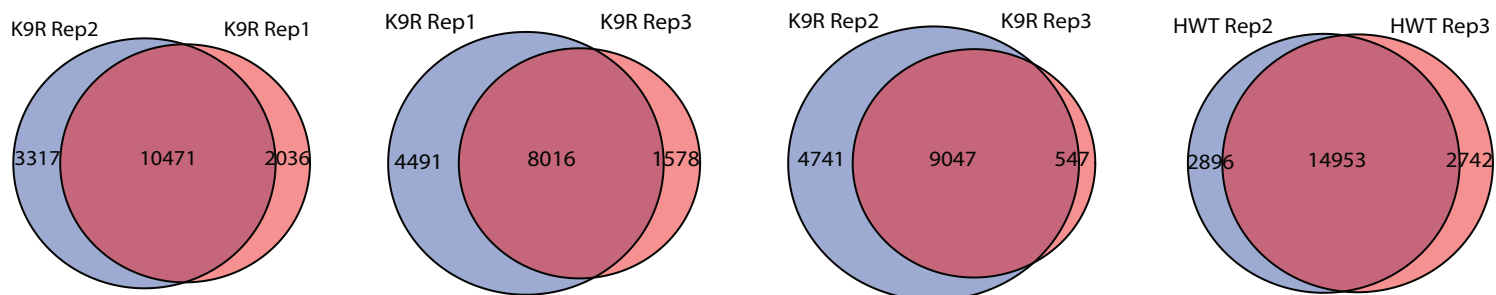
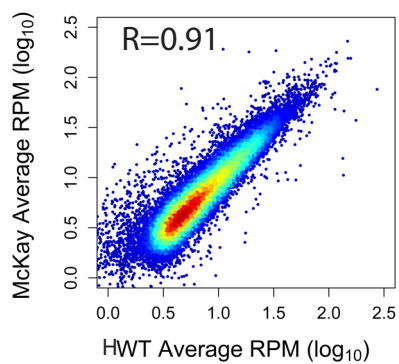
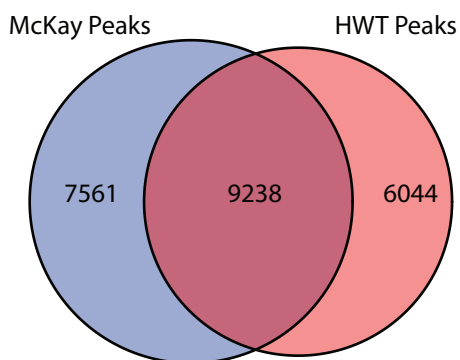
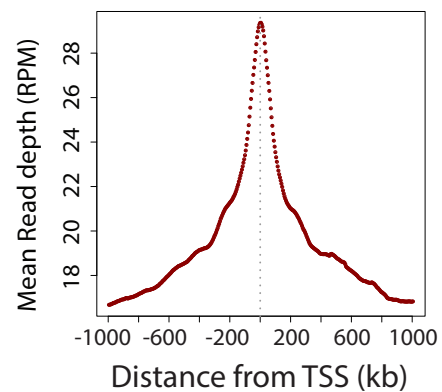


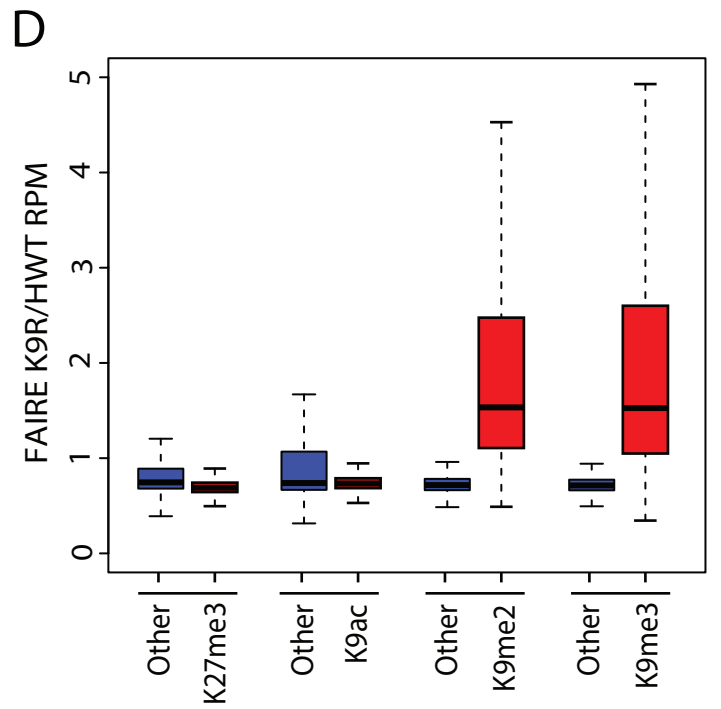
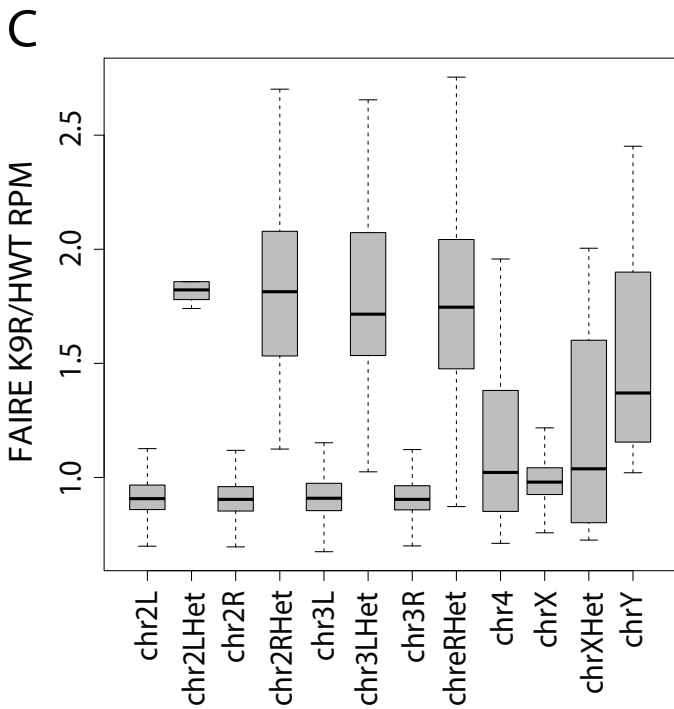
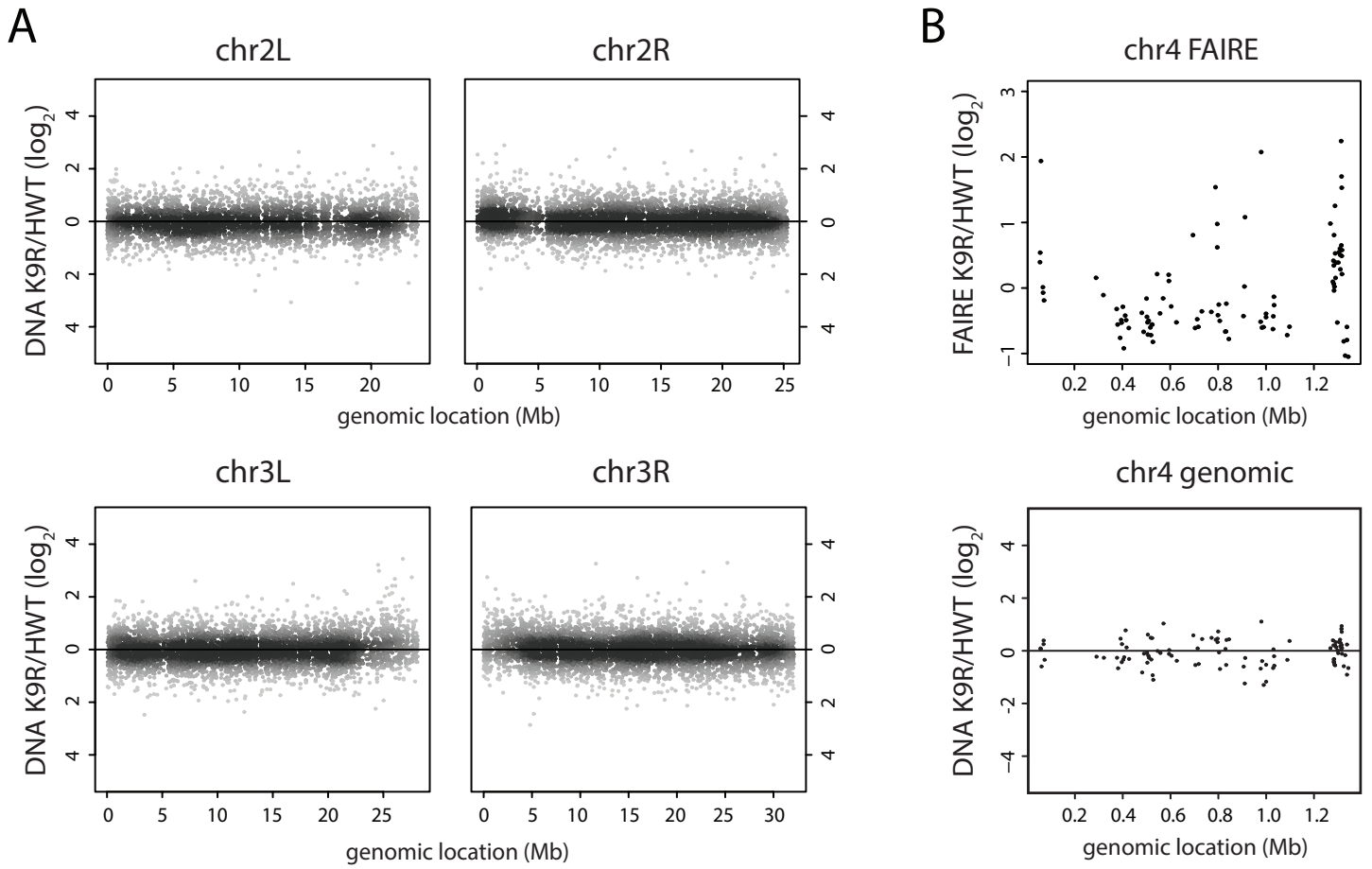
5kb histone cluster

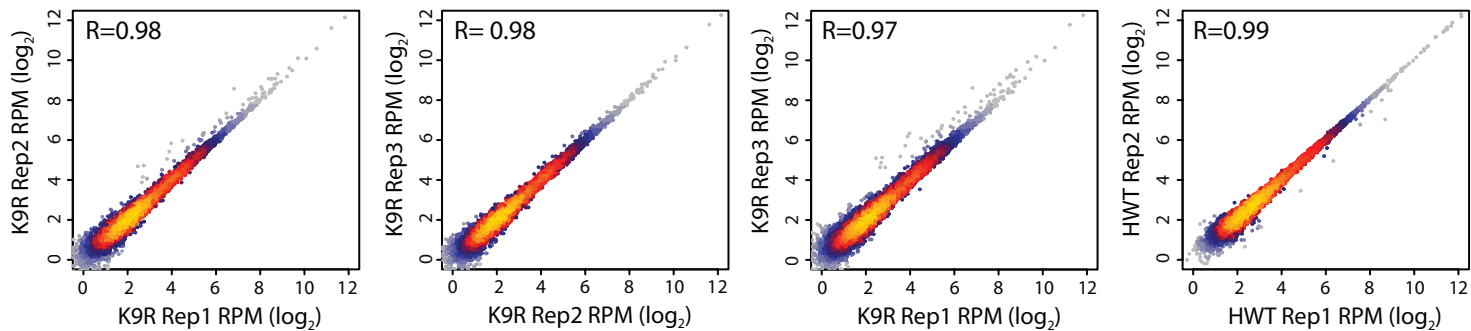
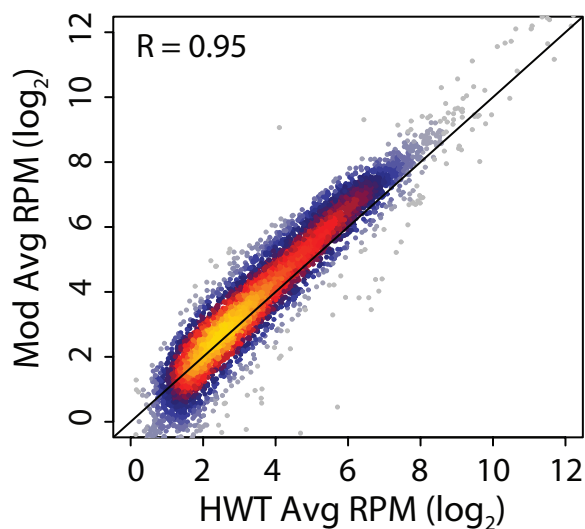
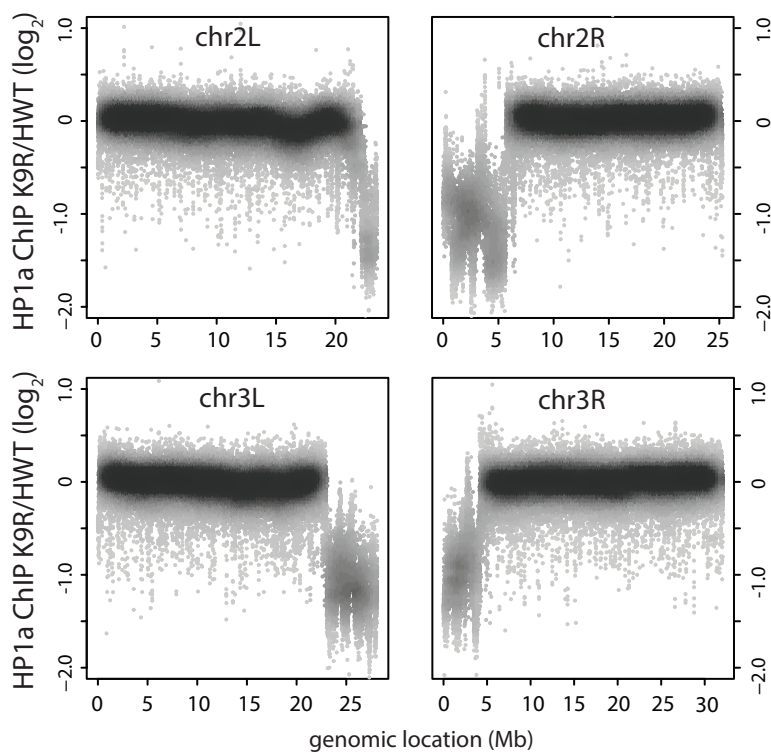
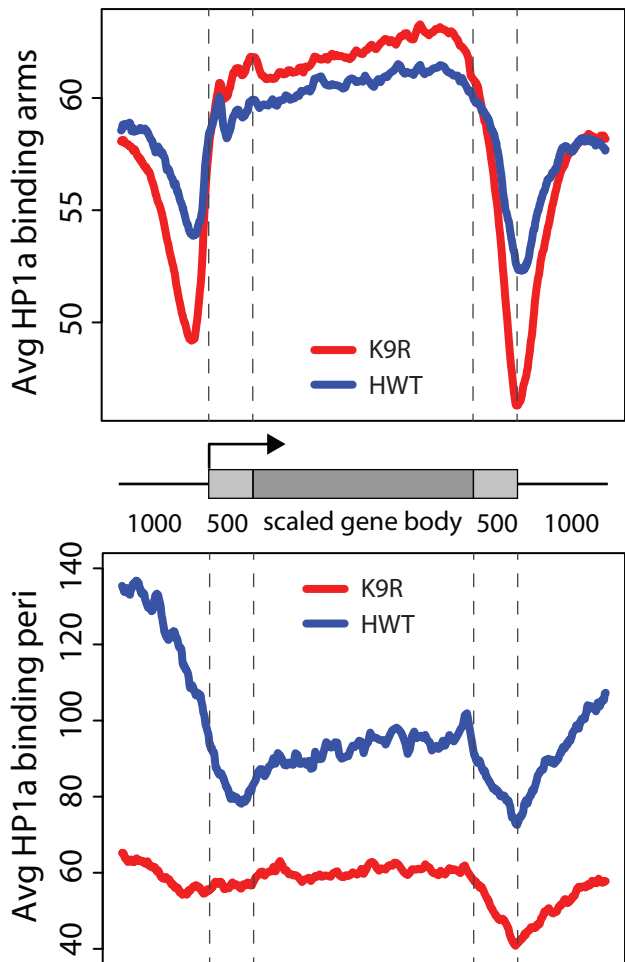
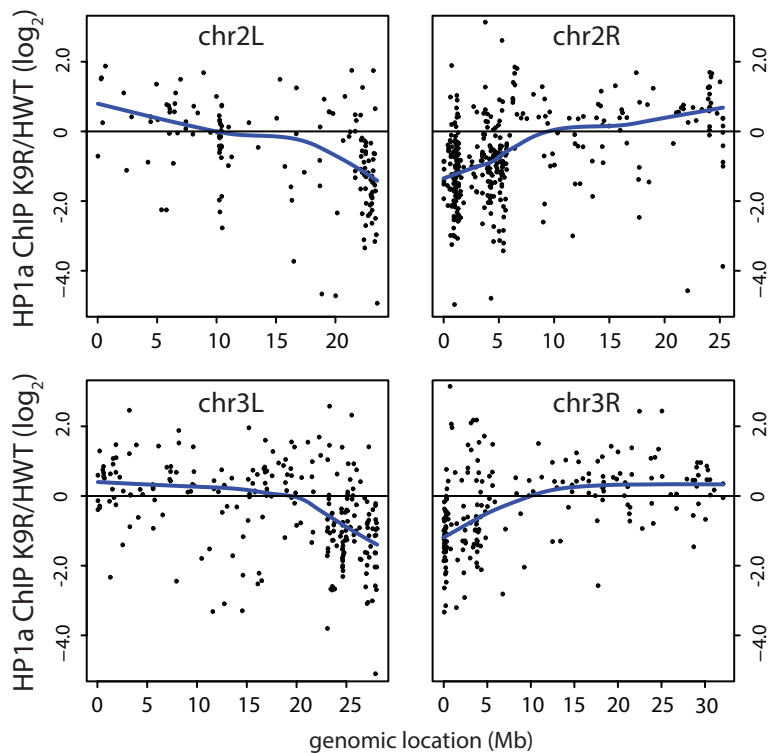
XhoI restriction site

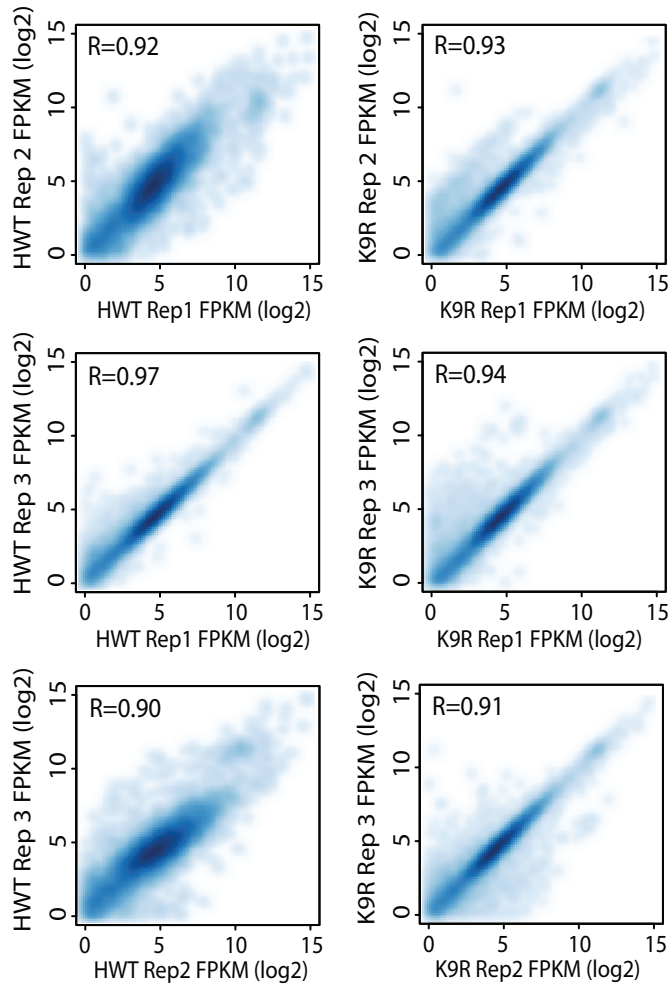
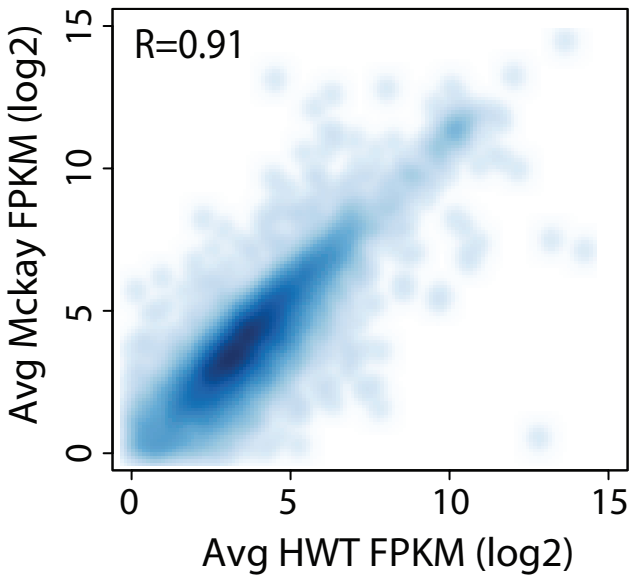
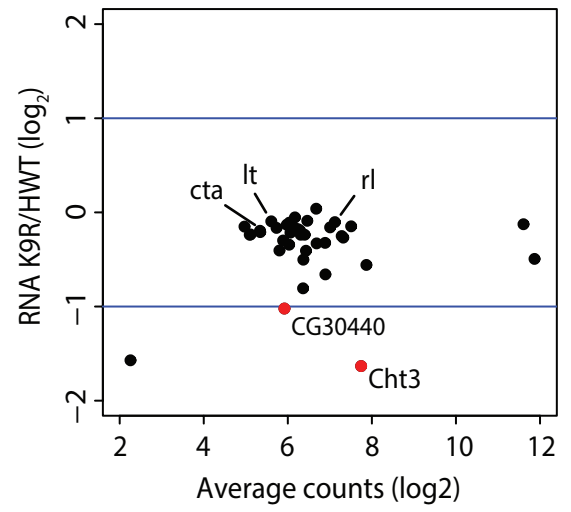
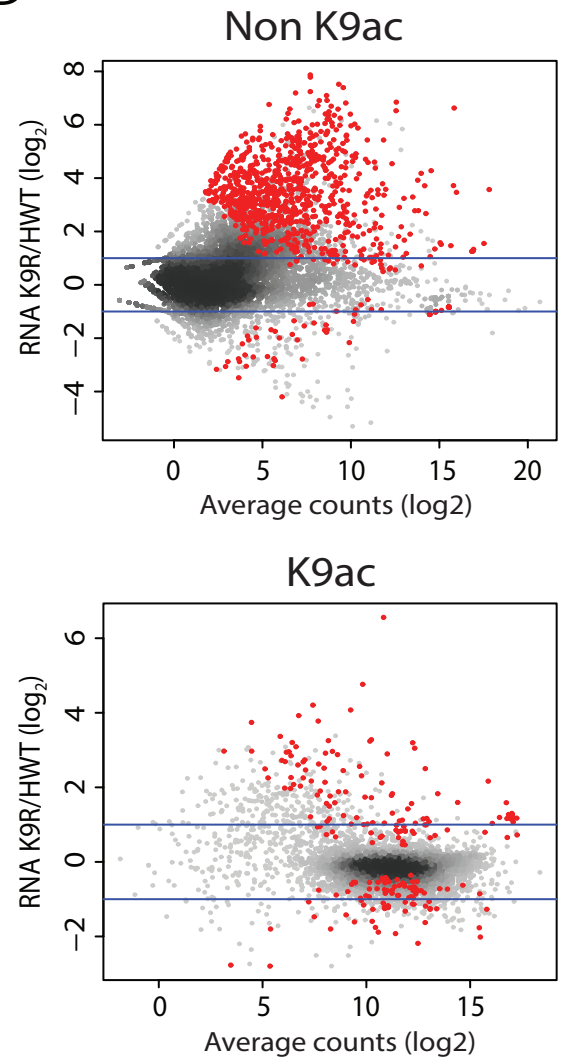


**A****B****C****D****E****F**

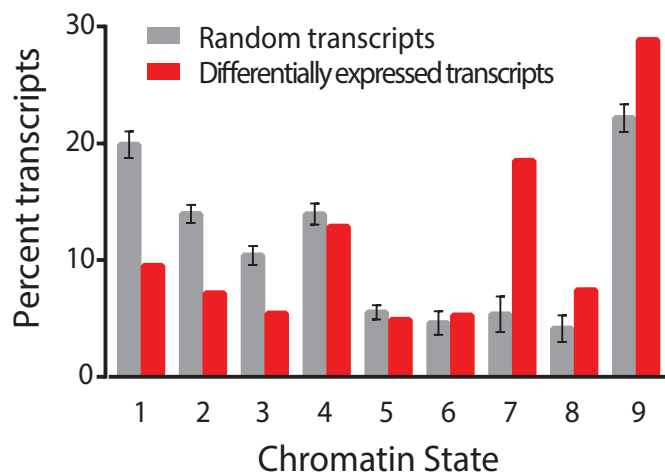
Replicate	Unique(%)	Multiple (%)
HWT 1	80.0	20.0
HWT 2	80.0	20.0
K9R 1	68.0	32.0
K9R 2	69.8	30.2
K9R 3	71.0	28.9



**A****B****C****D****E**

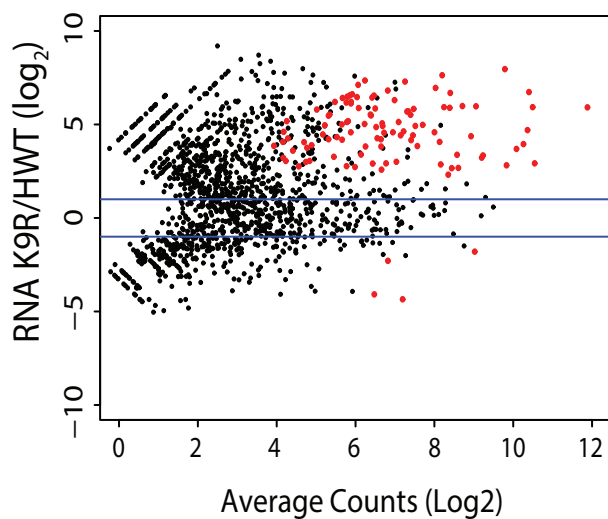
**A****B****C****D**

**A**

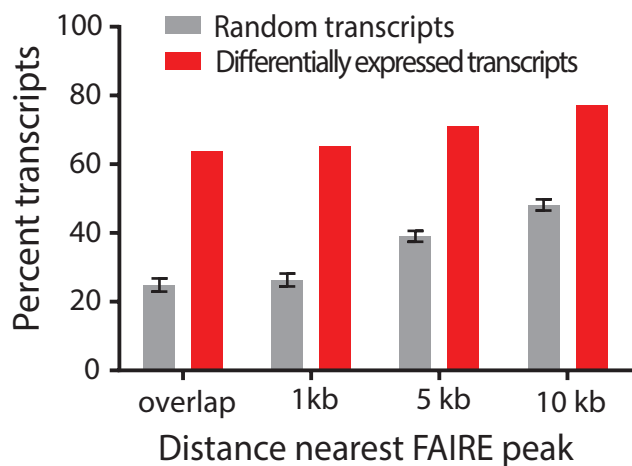


- 1) H3K4me2/3, H3K9ac      4) H3K36me      7) H3K9me2/3
- 2) H3K36me3              5) H4K16ac, H3K36me3      8) Low H3K9me2/3
- 3) H3K18ac, H3K27ac      6) H3K27me2/3      9) H1, SUUR

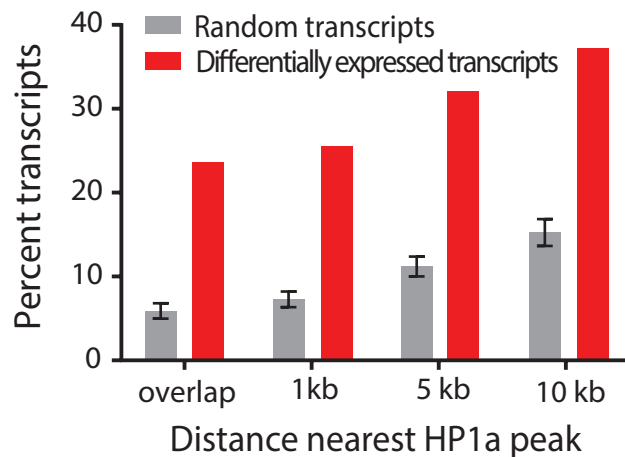
**B**



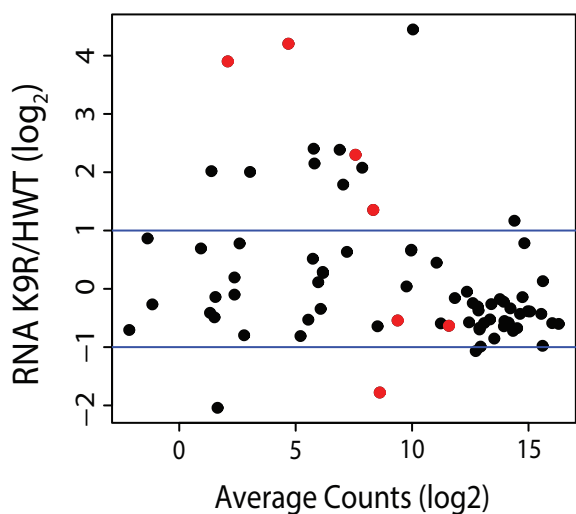
**C**



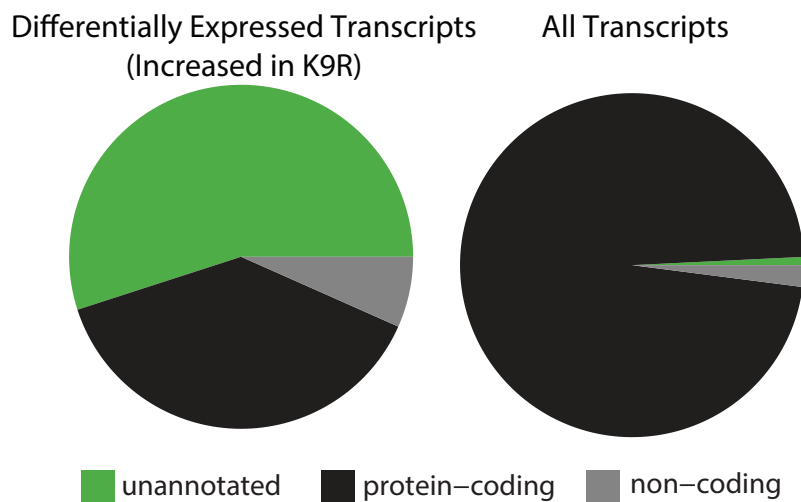
**D**

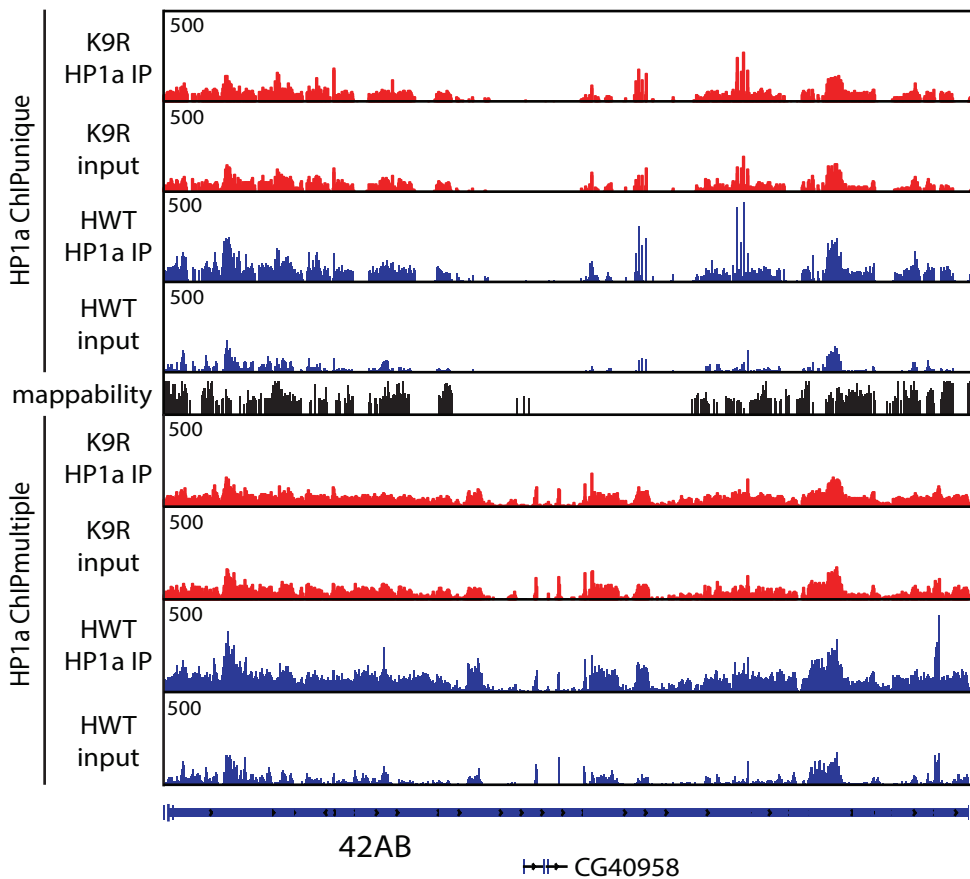
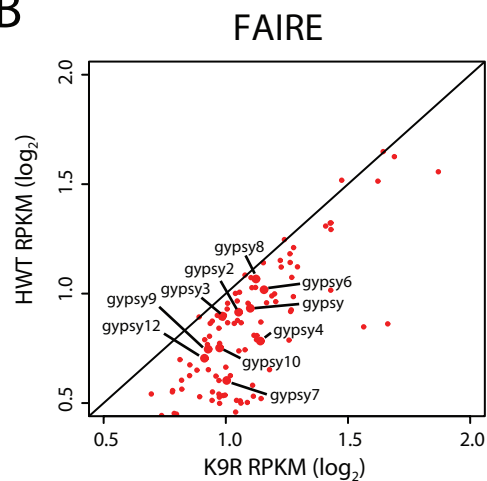
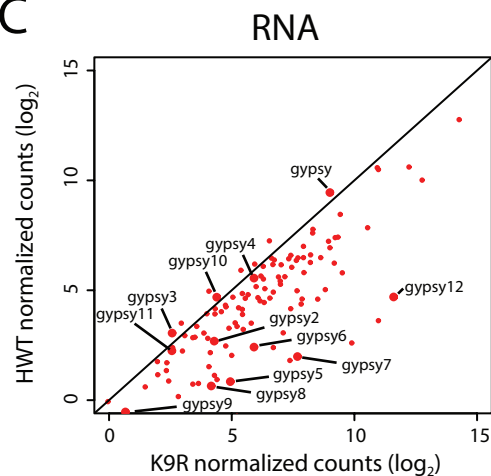


**E**

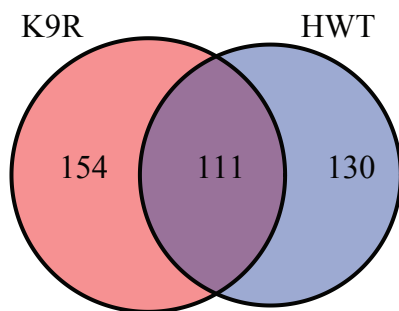
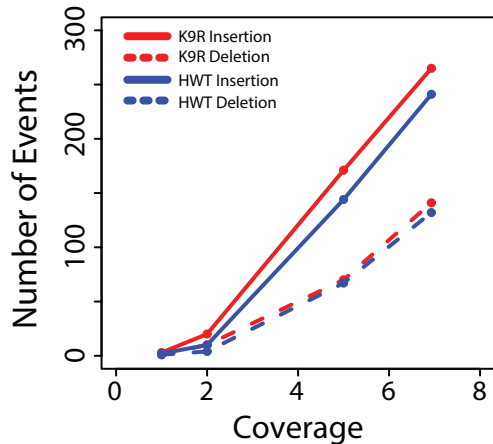


**F**

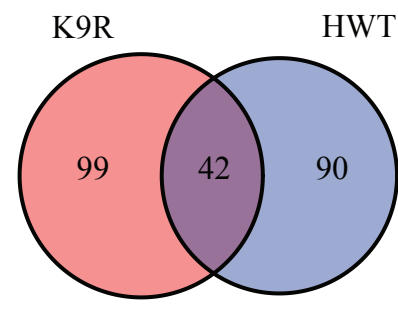


**A****B****C****D**

Wing disc 250bp paired end



Insertions



Depletions

**E**

Larvae 100bp single end

