

3DAROC16

Summary day #3

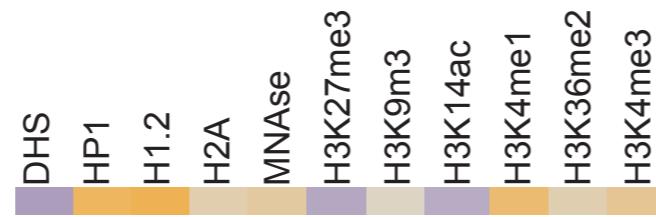
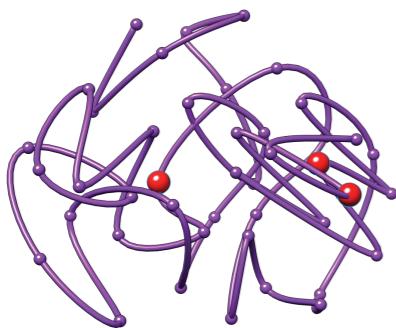
David Castillo, François Serra &
Marc A. Martí-Renom
Structural Genomics Group (CNAG-CRG)



Model for TAD regulation

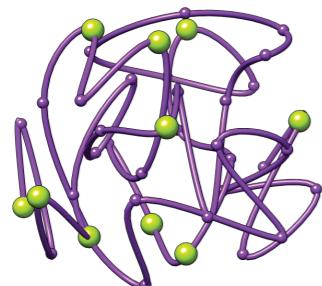
Repressed TAD

chr1 U41

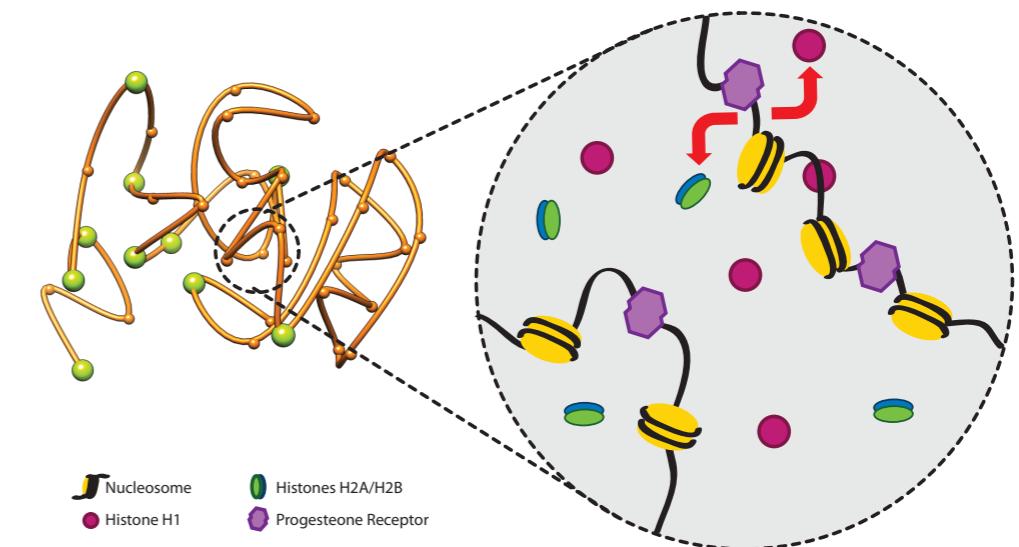
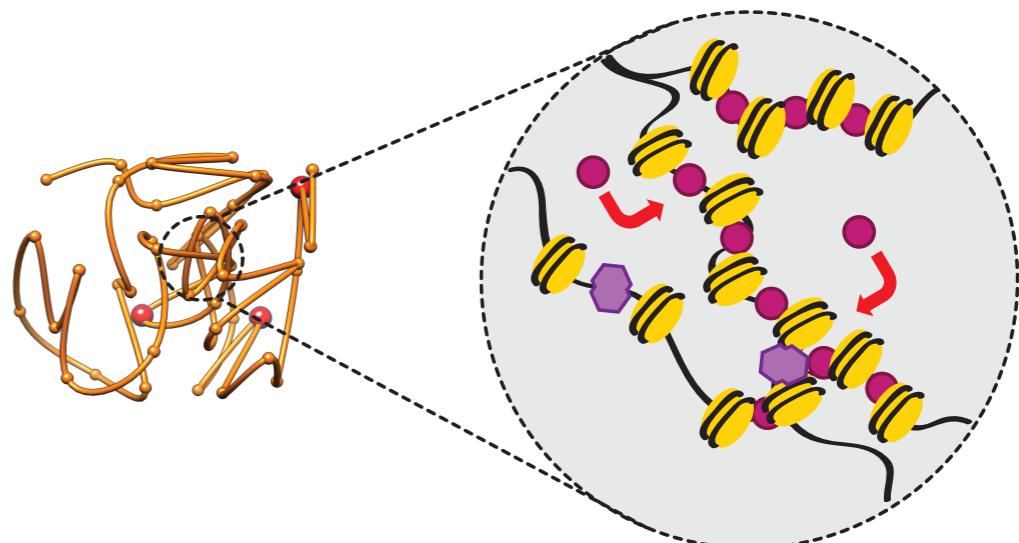


Activated TAD

chr2 U207



Structural transition
+Pg



Nucleosome
Histone H1
Histones H2A/H2B
Progesterone Receptor

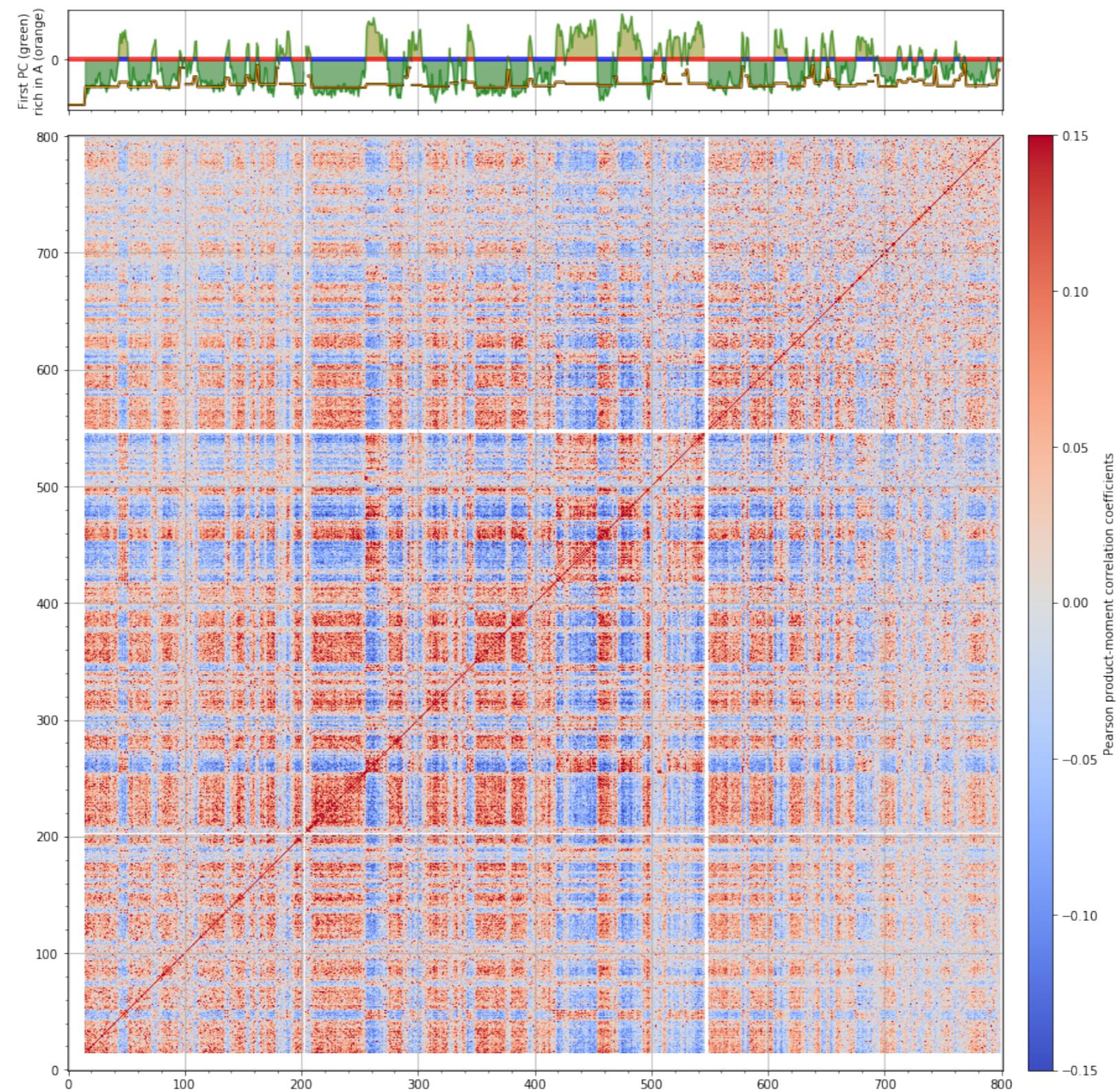
A “cage” model for transcriptional activation



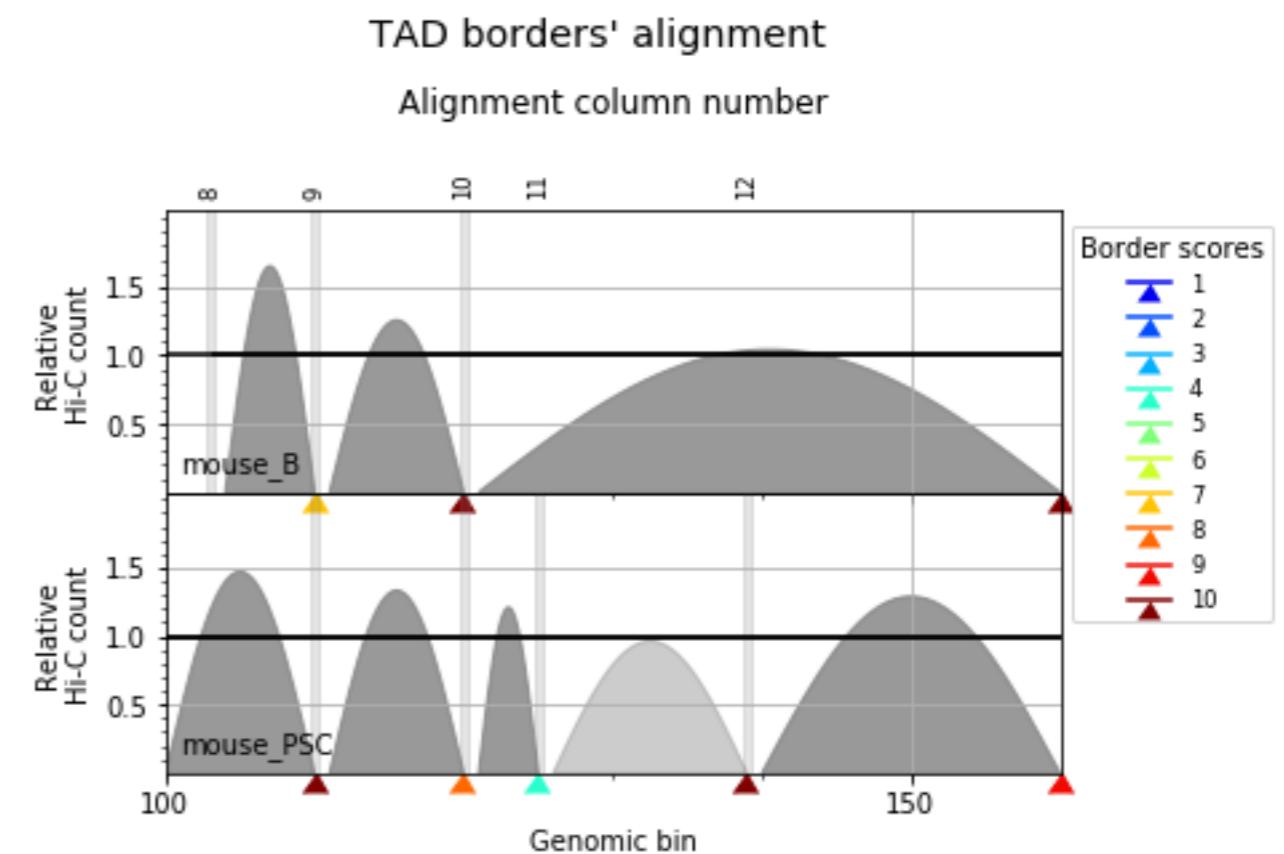
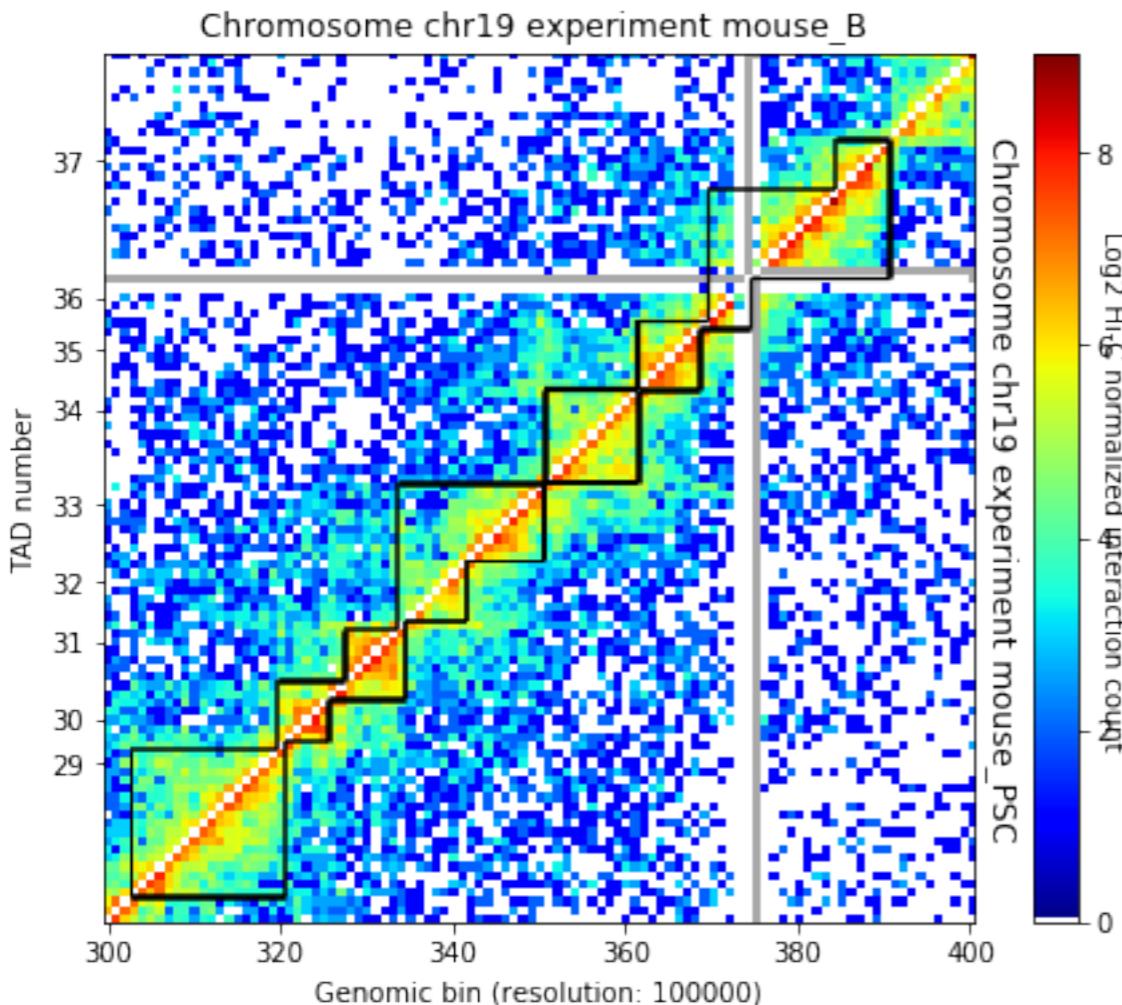
TADbit tools



A/B compartments



TADs and their alignment



How comfortable are you with...

- using TADbit tools?
- calling A/B compartments (the EV mess)?
- calling TADs and comparing them?

