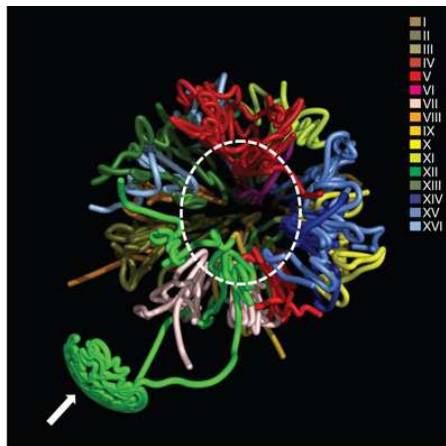
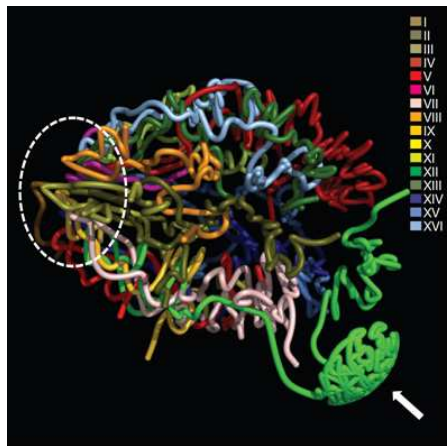
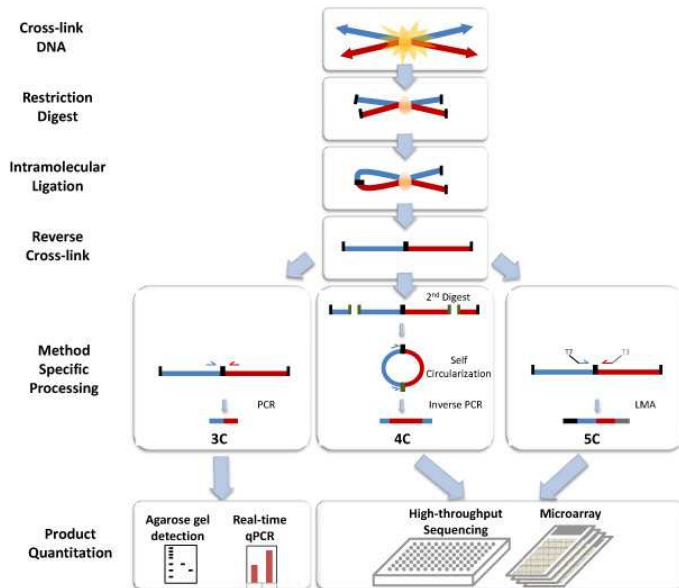


Spatial Organization of DNA in the Yeast Nucleus

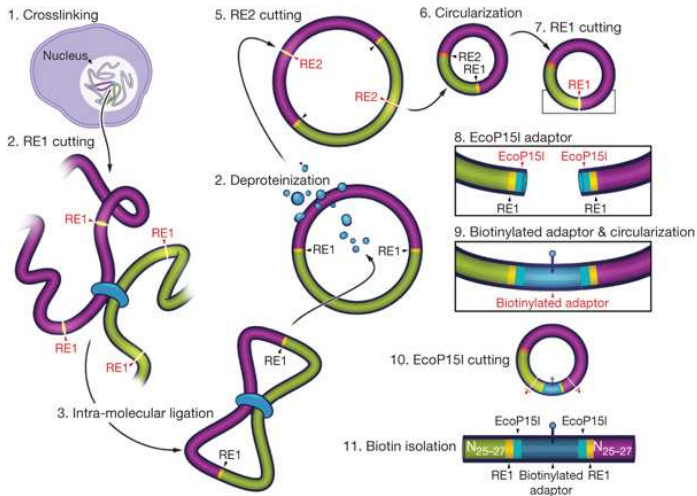


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Chromosome conformation capture

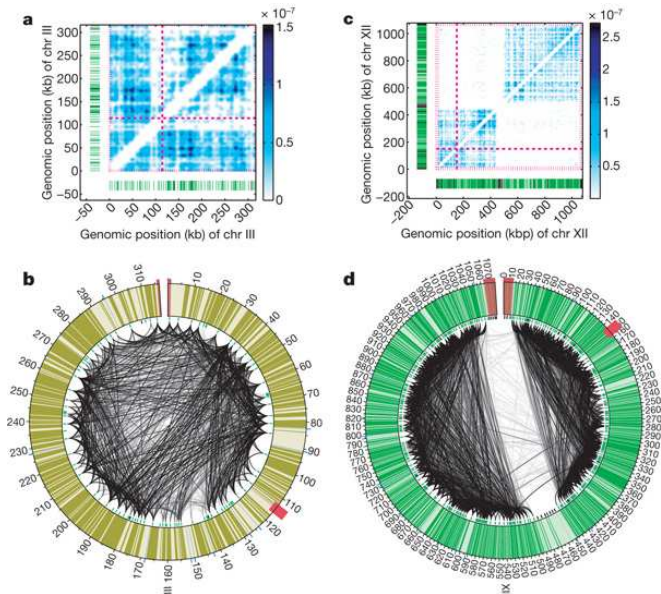


Alternative Method: Chip Loop

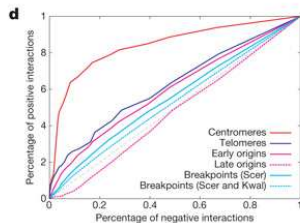
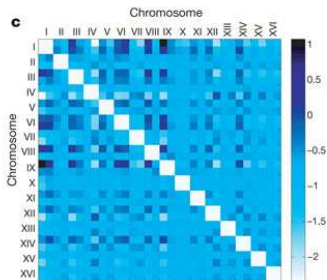
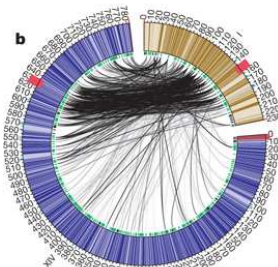
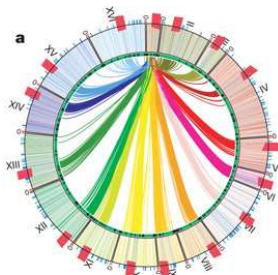


ZJ Duan *et al. Nature* **000**, 1-5 (2010) doi:10.1038/nature08973

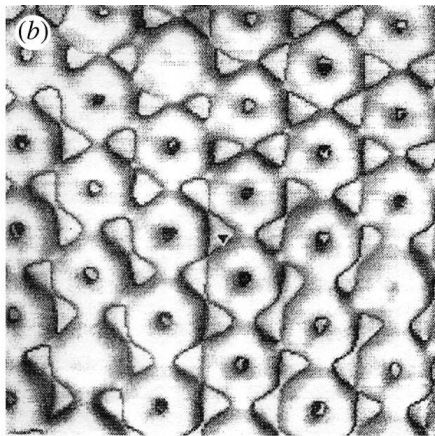
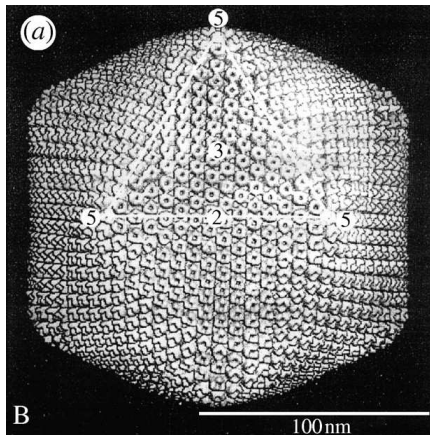
Folding Patterns of Chromosomes



Inter-chromosomal interactions



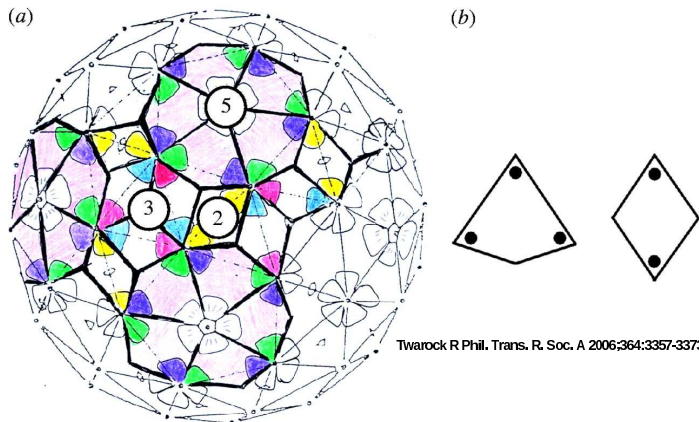
Assembly of Viral Capsids



(a) Example of a viral capsid, with (b) capsomeres shown in magnification.

Twarock R Phil. Trans. R. Soc. A 2006;364:3357-3373

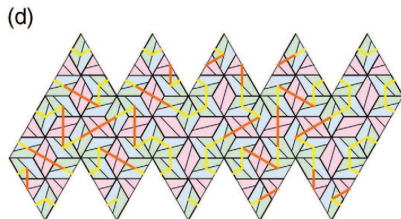
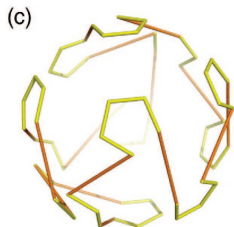
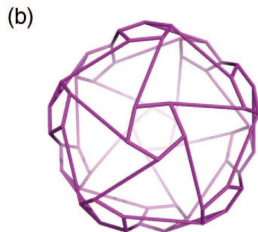
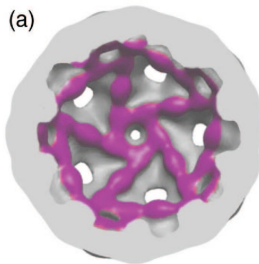
Assembly of Viral Capsids



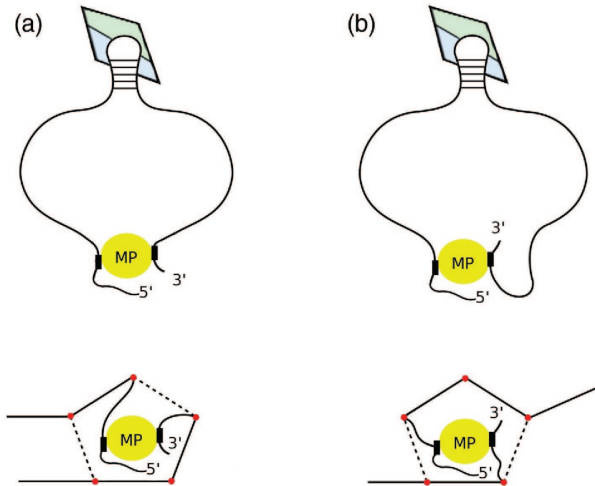
Twarock R Phil. Trans. R. Soc. A 2006;364:3357-3373

(a) The tiling representing the viral capsids of polyomavirus and simian virus 40 and (b) the corresponding tiles.

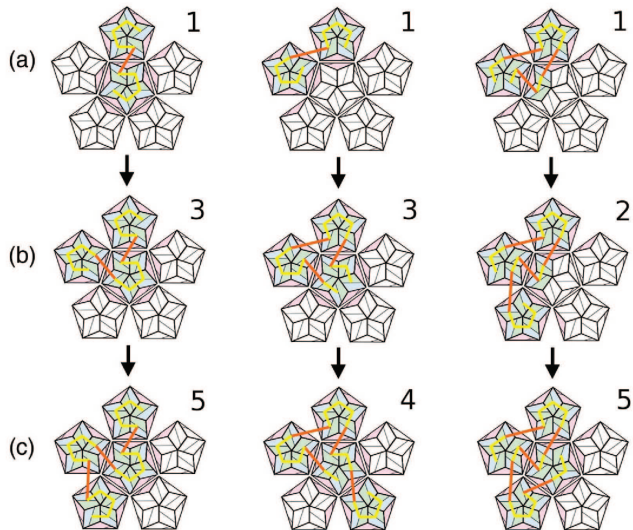
Organization of Viral RNA in Phage MS2



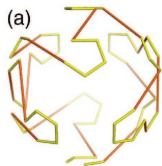
Scheme of the Assembly Process



Alternative Initial Steps



Dominating Pathways



2 X

