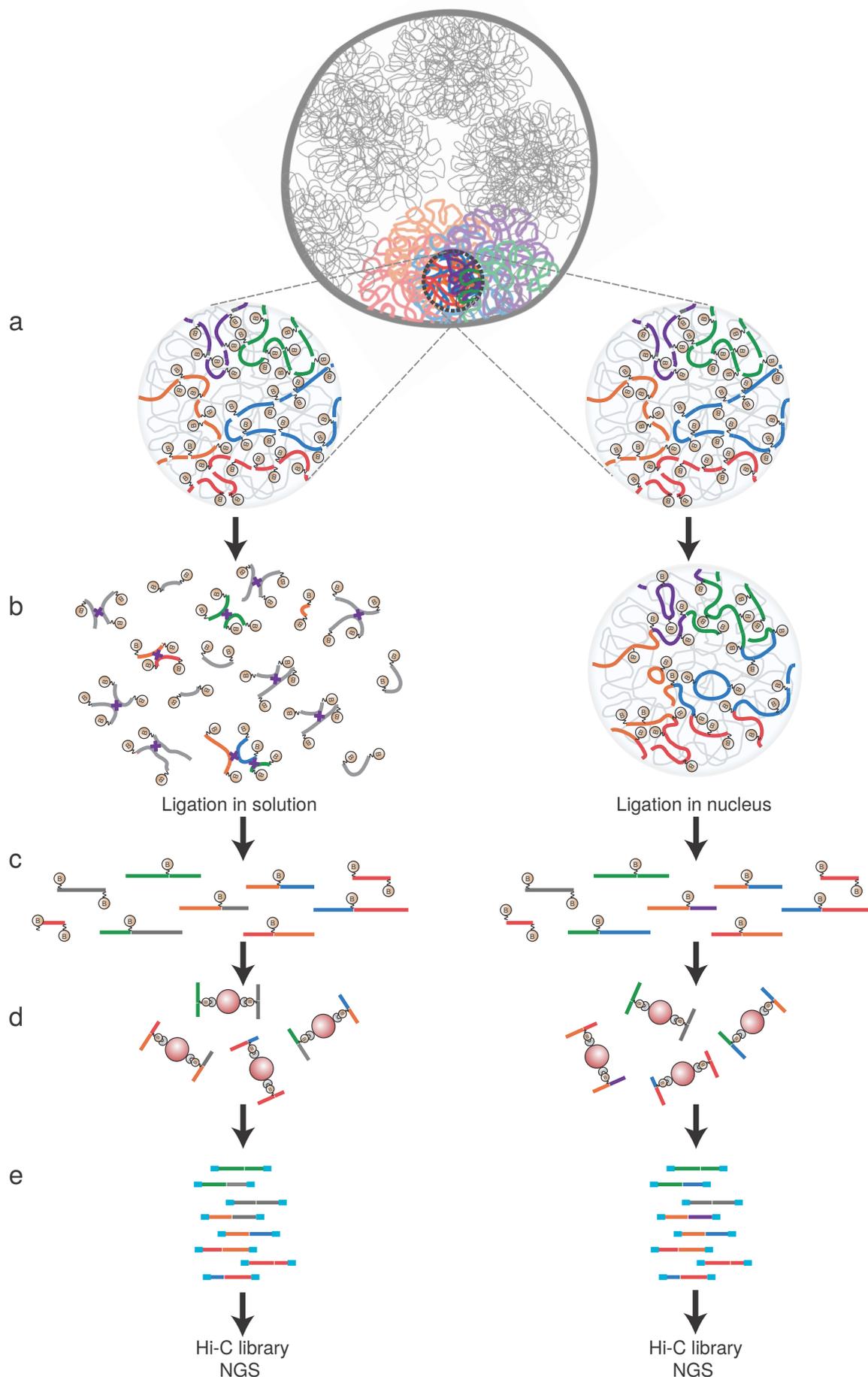


Additional File 1. Schematics of in-solution ligation and in-nucleus ligation Hi-C experimental protocols



a) Enlarged region of cross-linked nuclei digested with restriction enzyme and filled in with biotin (B, yellow balls). Coloured curves represent chromatin/DNA from a chromosome territory. **b)** Ligation in solution versus in nucleus. **c)** Biotinylated ligation junctions after ligation and sonication. **d)** Capture of biotinylated ligation junctions on streptavidin-coated magnetic beads. **e)** PCR amplified products ready for sequencing.