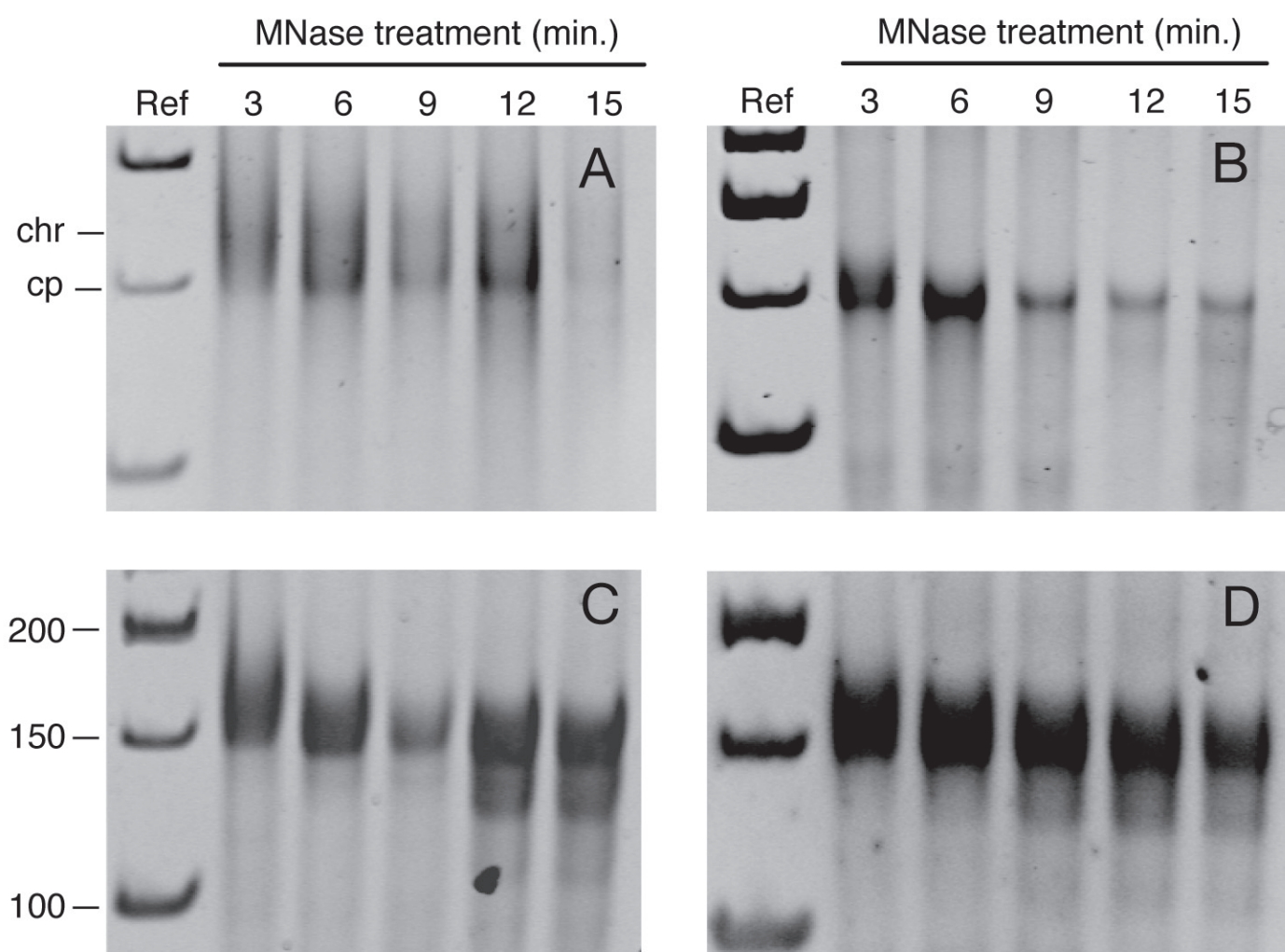


**Supplementary Figure S1**

MNase digestions of different chromatin samples. Untreated chromatin isolated from HeLa cells showed a broadening of the bands, which is likely to represent the core nucleosome particle (cp) and the chromatosome (chr), i. e. a nucleosome with linker histone. The DNA component above the core particle disappeared completely upon histone H1 depletion resulting in a uniform protection of ~147 bp of DNA. Chromatin fibers with and without H1 were treated with NAP1 and showed a MNase pattern similar to the H1 depleted control chromatin. This provides further evidence for an extraction of H1 from chromatin by NAP1 and the integrity of the remaining core nucleosome particles. MNase incubation times are indicated in minutes. The DNA references lane (Ref) contains fragments of 100, 150 and 200 bp length. **(A)** MNase digestion of native HeLa chromatin. **(B)** MNase digestion of H1 depleted chromatin. **(C)** MNase digestion of NAP1 incubated chromatin. **(D)** MNase digestion of H1 stripped chromatin incubated with NAP1.



Supplementary Fig. S 1, Kepert et al.