Supplementary Figure 6. Fifty percent of condensin I is phosphorylated on chromosomes assembled in the CK2-supplemented extract. *Xenopus* condensin I that was sufficiently phosphorylated by CK2 *in vitro* (lanes 1-4) or that associated with chromosomes assembled in the mitotic extract that was supplemented with a 10-fold excess of purified CK2 (lane 5), were immunoblotted with anti-phospho-hCAP-H (upper) or anti-hCAP-H antibodies (lower). The relative protein levels of condensin I were 1:2:4:8:8. The intensity of the phospho-signal in lane 5 was about 50% of that in lane 4, indicating that 50% of the CK2 site of chromosome associated condensin I in the CK2-supplemented extract was phosphorylated.