



**Figure 8. Establishment and Maintenance of CENP-A Chromatin**

Central domain DNA alone is unable to establish a functional centromere; outer repeats are required. Loss of heterochromatin from established centromeres does not affect CENP-A<sup>cnp1</sup> or kinetochore assembly on the central domain. This suggests that heterochromatin may in some way direct the site of CENP-A<sup>cnp1</sup> chromatin and thus kinetochore assembly. It is not known how CENP-A<sup>cnp1</sup> is deposited in nucleosomes or how this specialized chromatin is maintained in the central domain.