**FIGURE S1.**—Genomic ssDNA profiles for *rad53* and *mec1* cells after exposure to HU for 1hr. Plots show the relative ratio of ssDNA (S/G1) as a function of chromosome coordinates (kb). The ssDNA profile for *rad53* is shown in blue and that for *mec1* is shown in red. Positions of centromeres are shown as filled orange circles. The sixteen chromosomes are shown in two halves in (A) and (B).