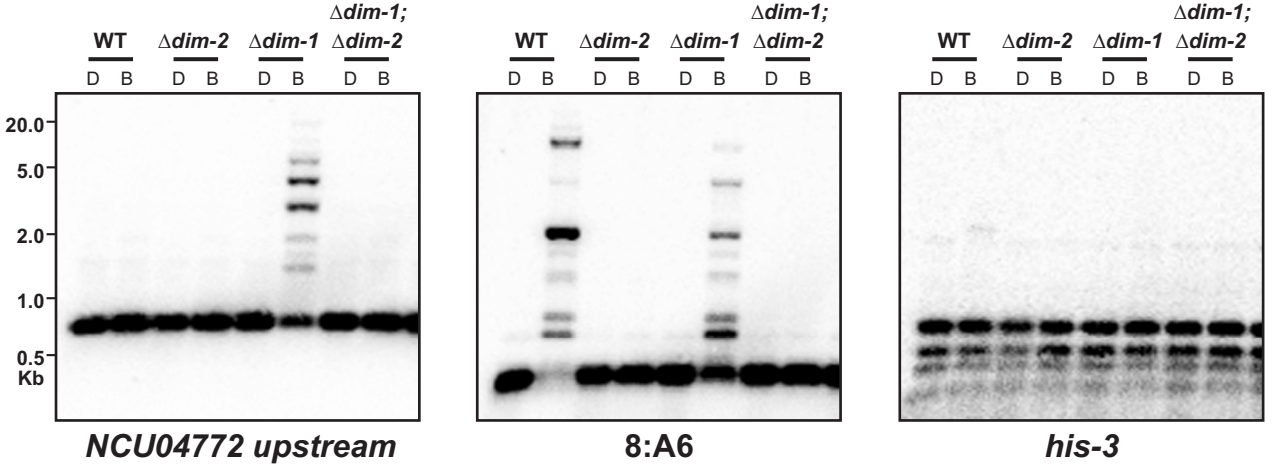

Figure S5. New cytosine methylation in a* dim-1 *strain requires DIM-2. Cytosine methylation Southern hybridizations, as in Figures 1A and 2B, of genomic DNA from the indicated strains digested with either DpnII (D) or its 5^{m}C-sensitive isoschizomer BfuCI (B) and probed for an intergenic region (NCU04771 upstream, left), a constitutive heterochromatic region (8:A6, middle; Selker et al., 2003), or an unmethylated euchromatic region (*his-3*; bottom) as a negative control for complete digestion, to test the requirement of *dim-2* for the new cytosine methylation in a Δ*dim-1* background.