



Figure 14. Meiotic Silencing by Unpaired DNA (MSUD)

Cartoon of tests conducted by the Metzzenberg and Aramayo laboratories (Aramayo and Metzzenberg 1996; Shiu et al. 2001; Pratt et al. 2004) that defined the phenomenon. Only two of the seven *Neurospora* chromosomes are indicated, with their sequences illustrated in green and blue, respectively. The rectangular box signifies a gene normally functional during meiosis. Vertical lines indicate mutations, and DNA methylation is indicated by red coloring. Deletions are diagramed as gaps. See text for interpretations.