



Figure 11. Models to Show How Transcription of Unpaired DNA Results in Different Amounts of Silencing during Meiosis

In model *a*, single transcription complexes are proposed to have more transcriptional activity in larger loops compared to smaller loops, as indicated by the number of red concentric circles. Model *b* suggests that larger loops may contain more transcription complexes (*red balls*) than smaller loops. (*c*) In both models, unpaired DNA in large loops would produce higher concentrations of siRNAs (indicated by size of arrows), and thus more silencing. (Adapted, with permission, from Lee et al. 2004 [© Genetics Society of America].)