



**Figure 8.** Cohesin and Mediator complexes mediate long-range interactions between promoters and enhancers. The Cohesin and Mediator have been shown to act together to form and stabilize chromatin looping interactions between gene promoters and distal enhancers (Kagey et al. 2010). A model is shown of how these complexes might mediate chromatin looping, although molecular details are currently unknown. (Redrawn, with permission, from Young 2011, © Elsevier.)