



Figure 3. Assembly of Heterochromatin Involves the Concerted Action of Histone-modifying Enzymes (HDACs and Clr4) and Histone-binding Proteins (e.g., Swi6) and Can Be Directed by the RNAi Machinery

Deacetylation by HDACs is followed by recruitment of Clr4 and histone H3K9 methylation. Swi6 binds to H3K9-methylated histone tails, and spreading results from sequential cycles of H3K9 methylation that are coupled to Swi6 oligomerization.