



Figure 4. Sites of Histone Methylation, Their Protein Binders, and Functional Role in Genomic Processes

Methylation of histones occurs at lysine residues in histones H3 and H4. Certain methylated lysine residues are associated with activating transcription (*green Me flag*), whereas others are involved in repressive processes (*red Me flag*). Proteins that bind particular methylated lysine residues are indicated.