



Figure 8. CpG-interacting proteins including MLL1. (A) Domain architecture of CXXC domain-containing proteins. (B–D) The structures of three isolated MLL1 domains in complex with interacting histones or DNA: (B) the amino-terminal CXXC domain in complex with CpG DNA (PDB 2KKF; Cierpicki et al. 2010), (C) the central PHD-bromodomain in complex with H3K4me3 peptide (PDB 3LQJ; Wang et al. 2010), and (D) the carboxyl-terminal SET domain (PDB 2W5Z; Southall et al. 2009).