



**Figure 16.** Structures of SRA domain-containing proteins bound to hemimethylated 5mCpG DNA. (A) 1.6-Å crystal structure of SRA domain of UHRF1 bound to a hemimethylated 5mCpG-containing DNA duplex (PDB: 2ZKD). The stoichiometry of the complex is one SRA domain per DNA duplex. The methyl groups of 5mC are marked by magenta dotted circles. (B) Alignment of the flipped-out 5mC (ring is shaded for clarity) in a pocket within the SRA domain of UHRF1. (C) 2.37-Å crystal structure of SRA domain of plant SUVH5 bound to a hemimethylated 5mCpG-containing DNA duplex (PDB: 3Q0D). The stoichiometry of the complex is two SRA domains per DNA duplex. 5mC's methyl groups are marked by magenta dotted circles. (D) Alignment of the flipped-out 5mC (ring is shaded for clarity) in a pocket within the SRA domain of plant SUVH5.