



Figure 13. Structures of BPTF PHD-bromo cassette with *cis* and *trans* linker prolines. (A) 1.72-Å crystal structure of the MLL1 PHD-bromo cassette with a *cis* linker proline (circled in red) in the free state (PDB: 3LQH). The PHD finger and bromodomain are colored in green and blue, respectively. (B) Model of the MLL1 PHD-bromo cassette with a *trans* linker proline (circled in red) with this alignment stabilized by a bound RRM domain of CyP33 (magenta). (C) NMR solution structure of the complex containing the MLL1 PHD3 fragment (1603-1619, in green) and RRM domain of CyP33 (2-82, in magenta) (PDB: 2KU7).