Description of Additional Supplementary Files

File name: Supplementary Data 1
Description: Individual protein contacts from the protein contact utility in MOE was used to define interactions using the default settings and a summary of all interactions in Excel file format.

File name: Supplementary Data 2
Description: The protonated 16E6, E6AP, and p53^{core} ternary complex was exported in the MOE file format.

File name: Supplementary Data 3
Description: The protonated 16E6, E6AP, and p53^{core} ternary complex was exported in the PDB file format.