



**Figure S14:** MM/GBSA binding free energy (BFE) decomposition per residue of each of the four [E6+lig]-hx systems, evaluating E6-ligand interaction. BFE contribution of each E6 pocket residue ( $\Delta G_{subtotal}$ ) to the E6-ligand interaction. Electrostatic interaction energies ( $\Delta G_{elec}$ ) and van der Waals interaction energies ( $\Delta G_{vdW}$ ) are also presented. **a)** [E6+luteolin]-hx, **b)** [E6+lig1]-hx, **c)** [E6+lig2]-hx, and **d)** [E6+lig3]-hx.