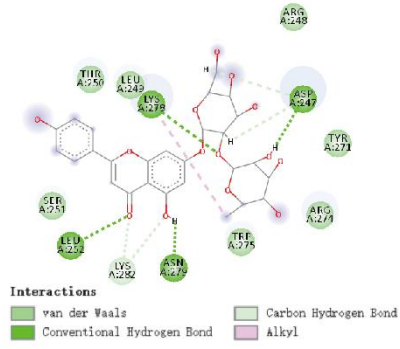
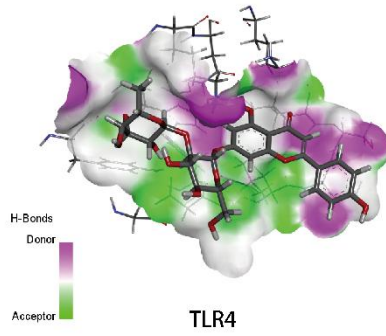
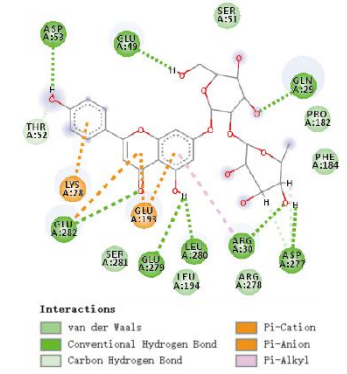
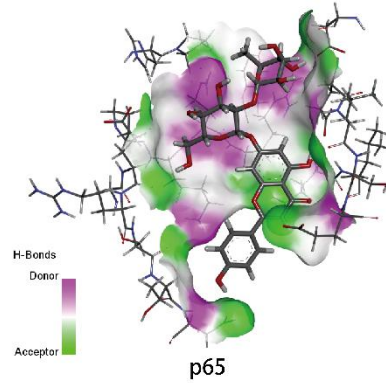


Supplementary Figure 1. Isolation of ROF from *Citrus grandis* 'Tomentosa': The flow chart of extraction and isolation of ROF (A), the chemical structure of ROF (B), and the Chromatograms of a standard ROF, sample ROF and *Citrus grandis* 'Tomentosa' that contains target compound (254 nm) (C).

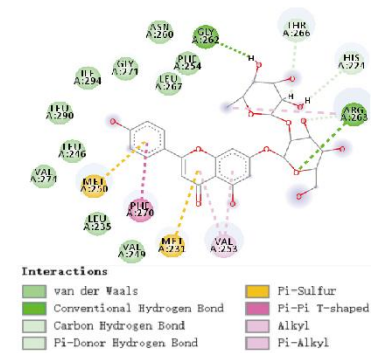
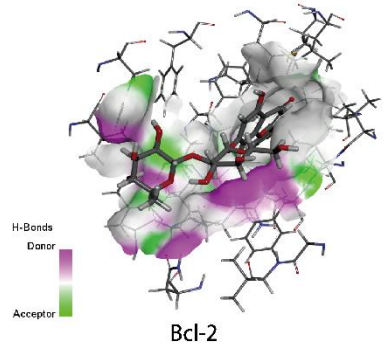
A



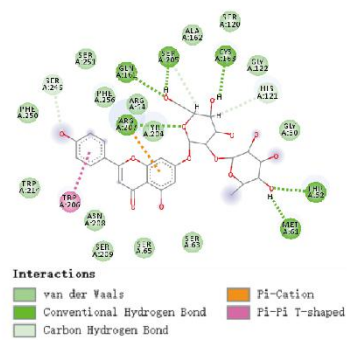
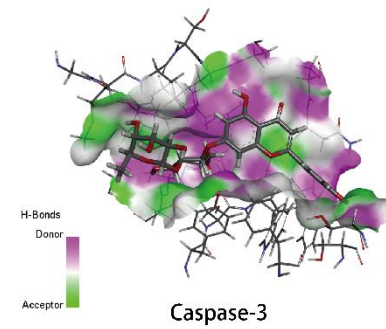
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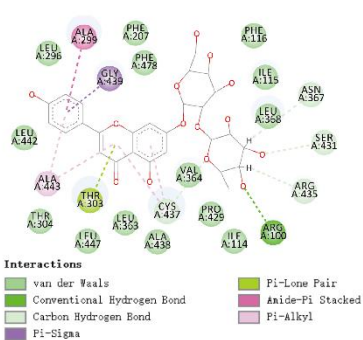
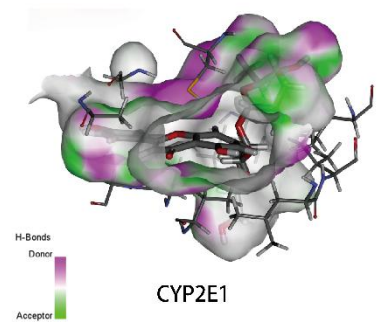
C



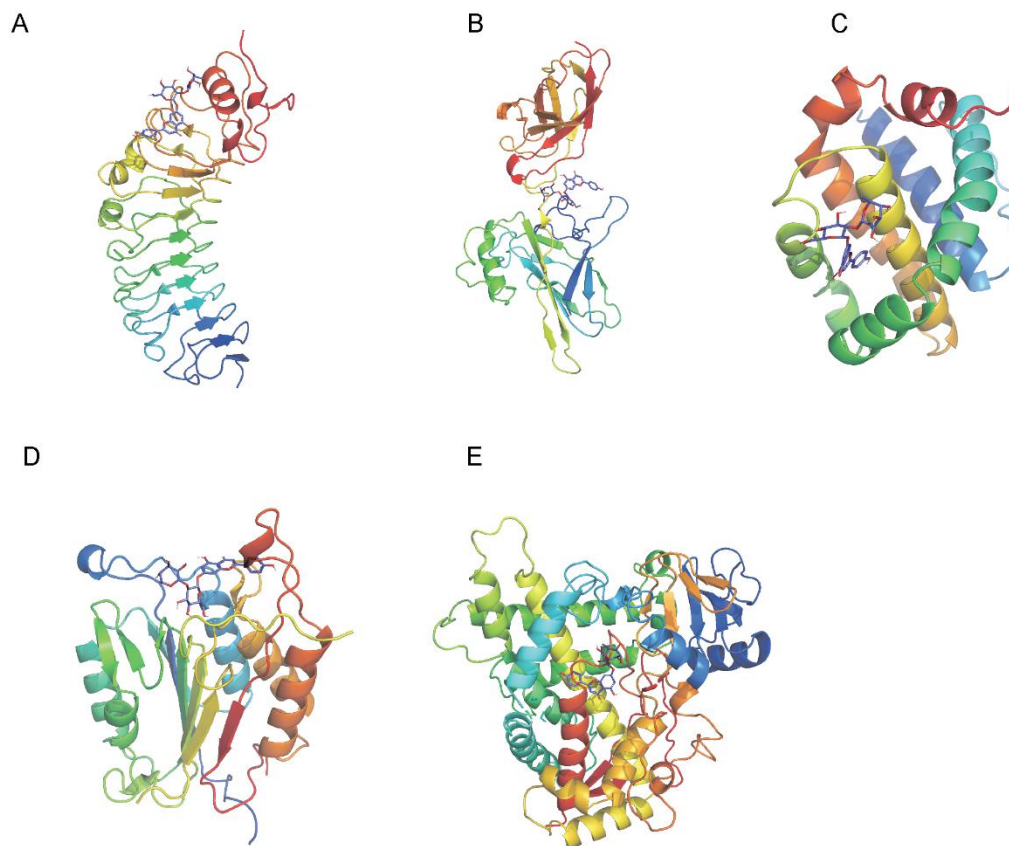
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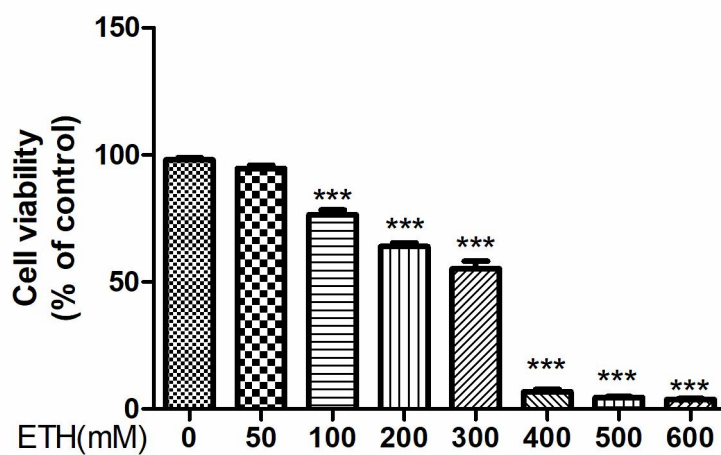
E



Supplementary Figure 2. Bioactive compound–protein docking combination: (A)TLR4, (B)p65, (C)Bcl-2, (D)Caspase-3, (E) CYP2E1.



Supplementary Figure 3. Bioactive compound–protein docking combination (3D binding structure): (A)TLR4, (B)p65, (C)Bcl-2, (D)Caspase-3, (E) CYP2E1.



Supplementary Figure 4. Effects of ethanol on cell apoptosis and viability. Mean \pm SEM (n=6).

*** P <0.001 vs. the CON group.