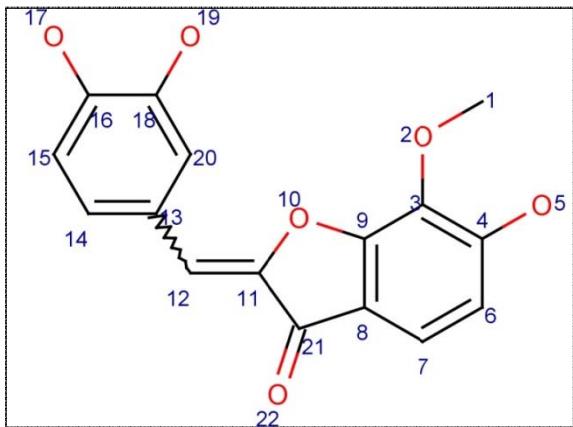
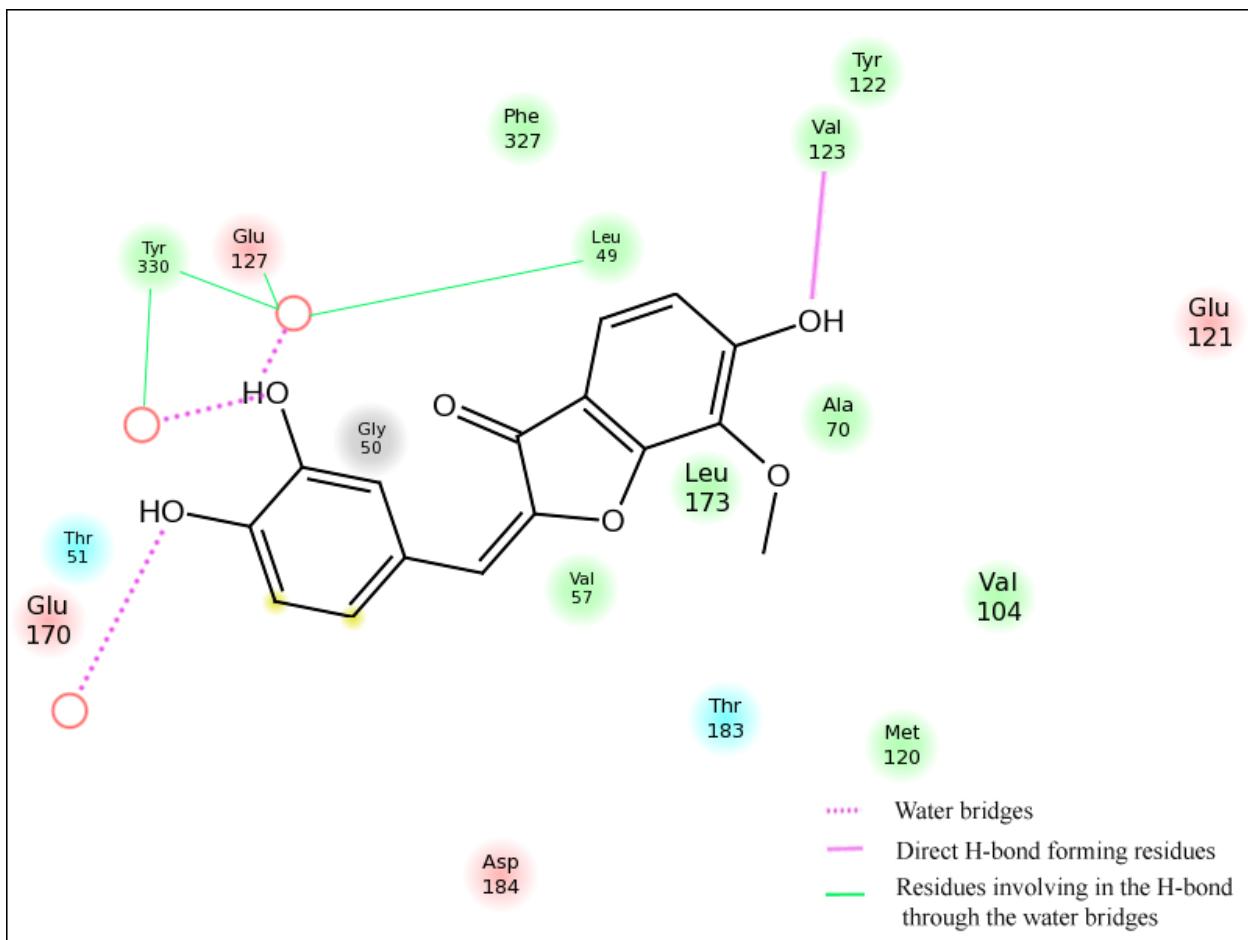


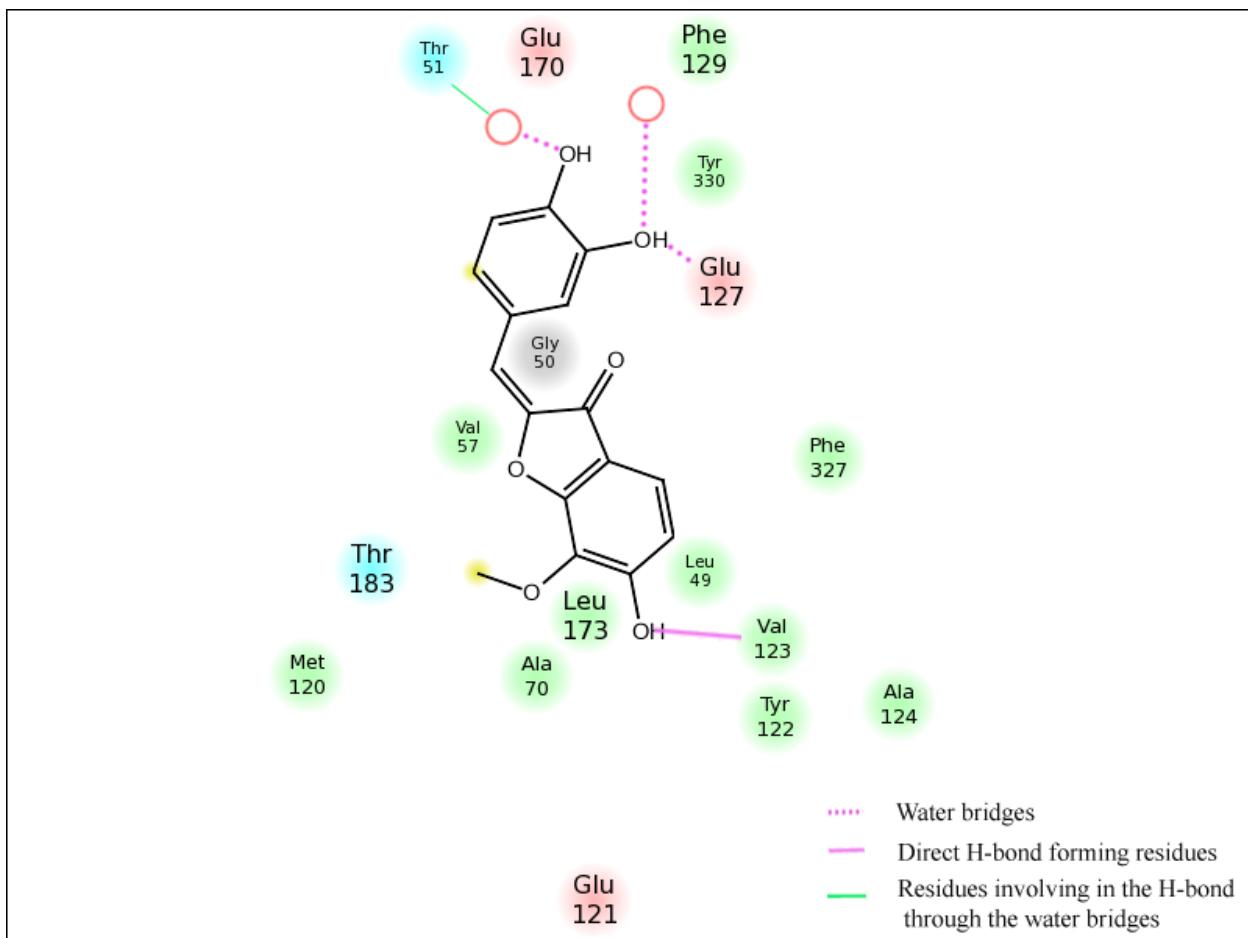
Supplementary Fig. 1. XP Gscore of 20 leads and 15 published inhibitors of PRKACA.



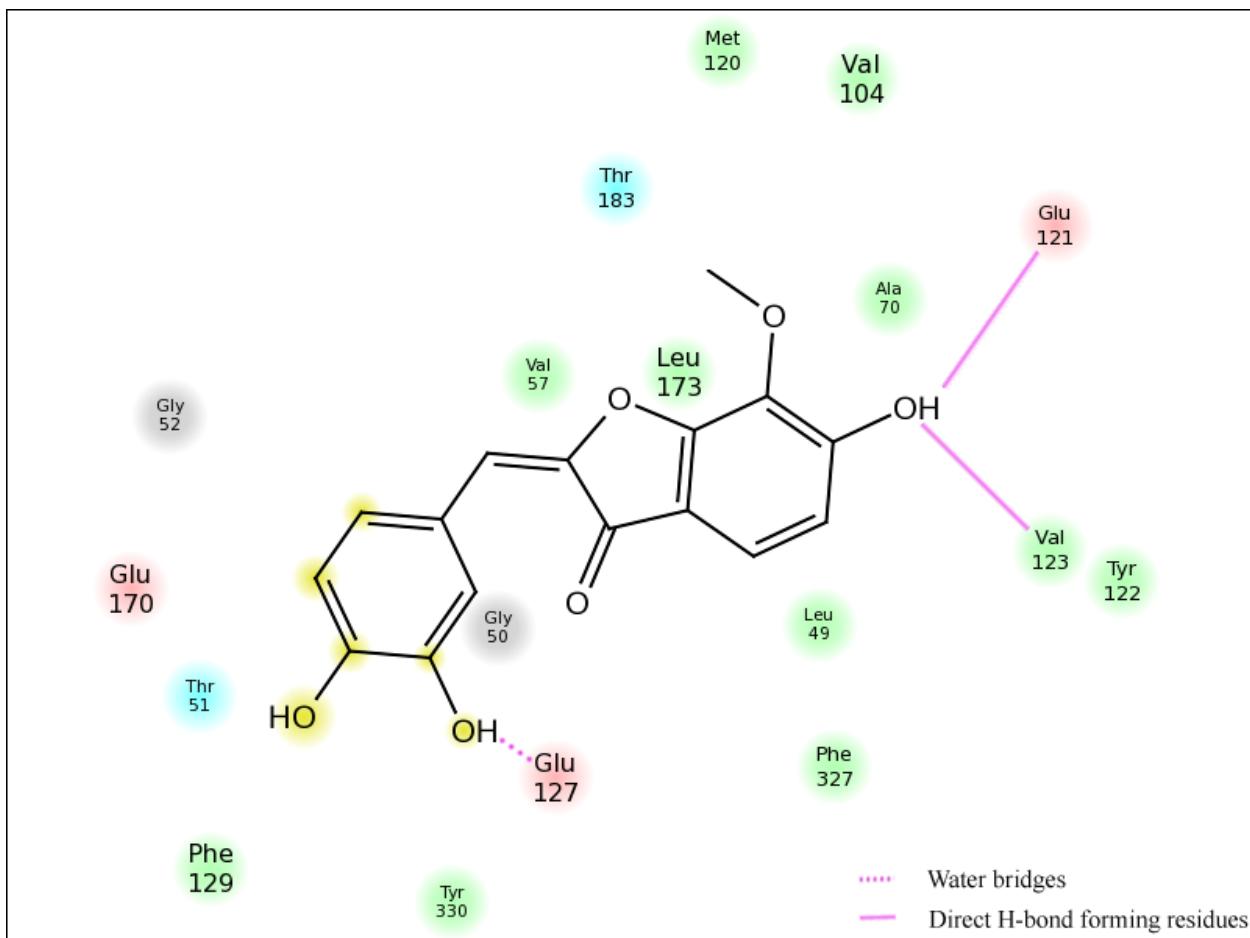
Supplementary Fig. 2. 2D representation of lead1 (leptosidin).



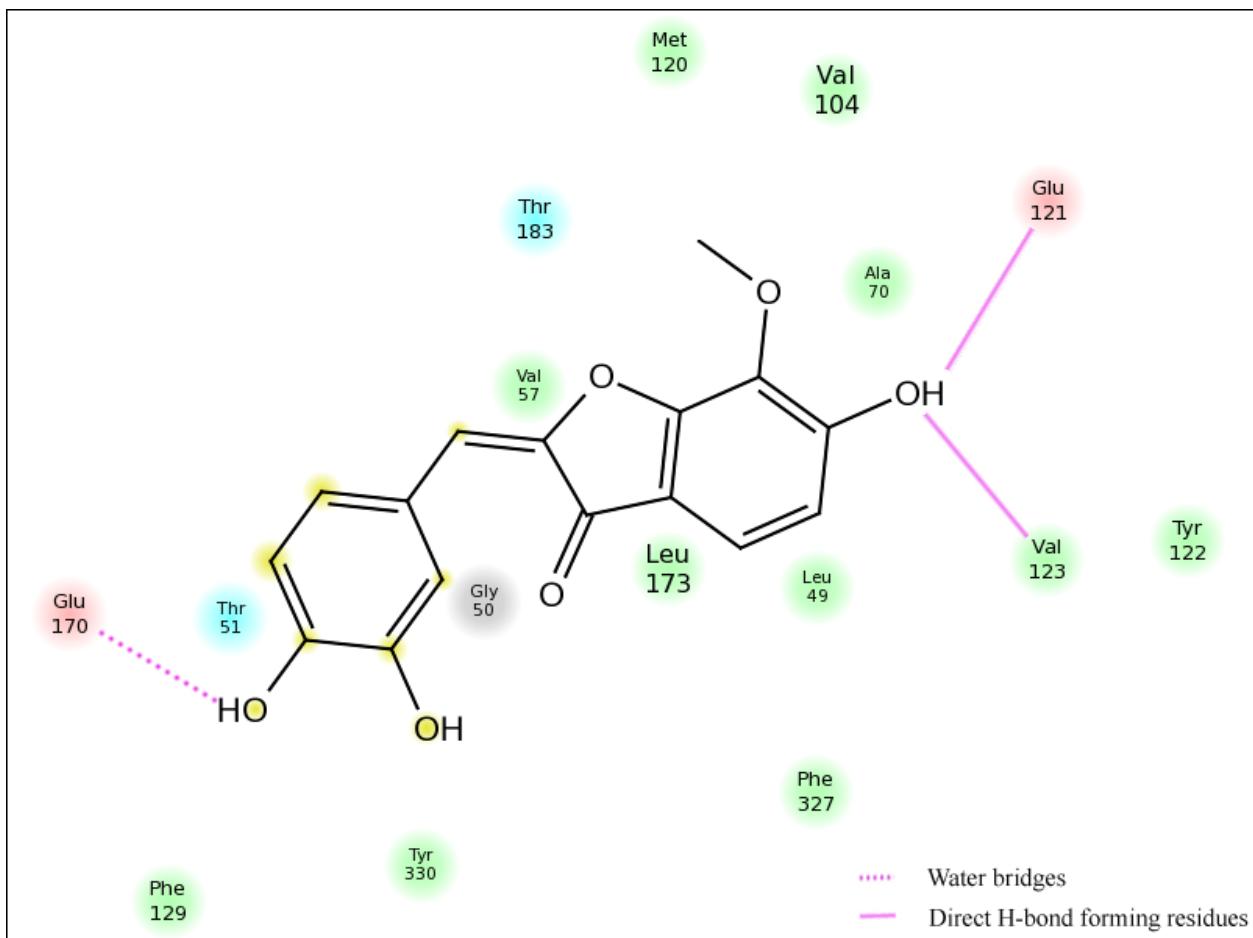
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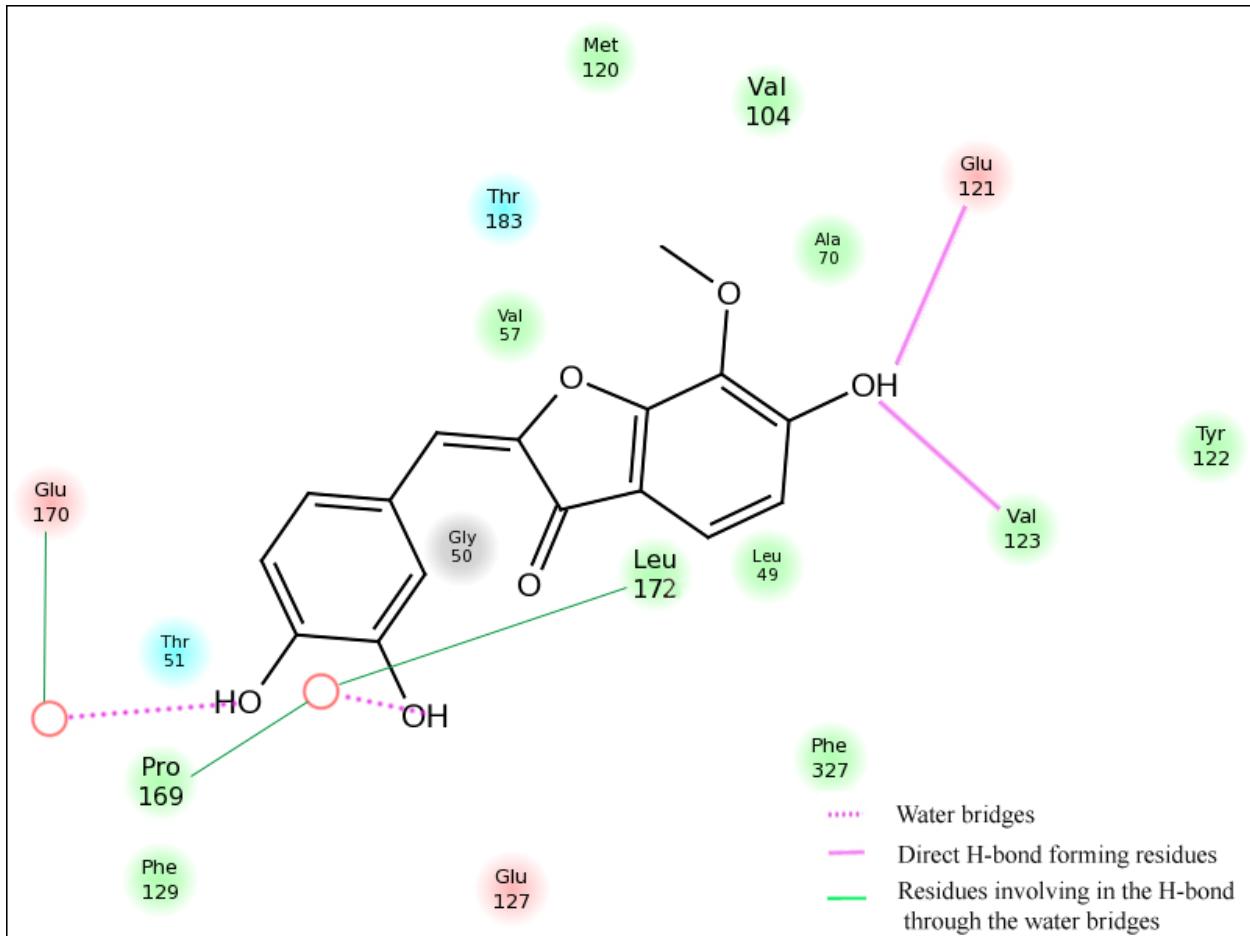
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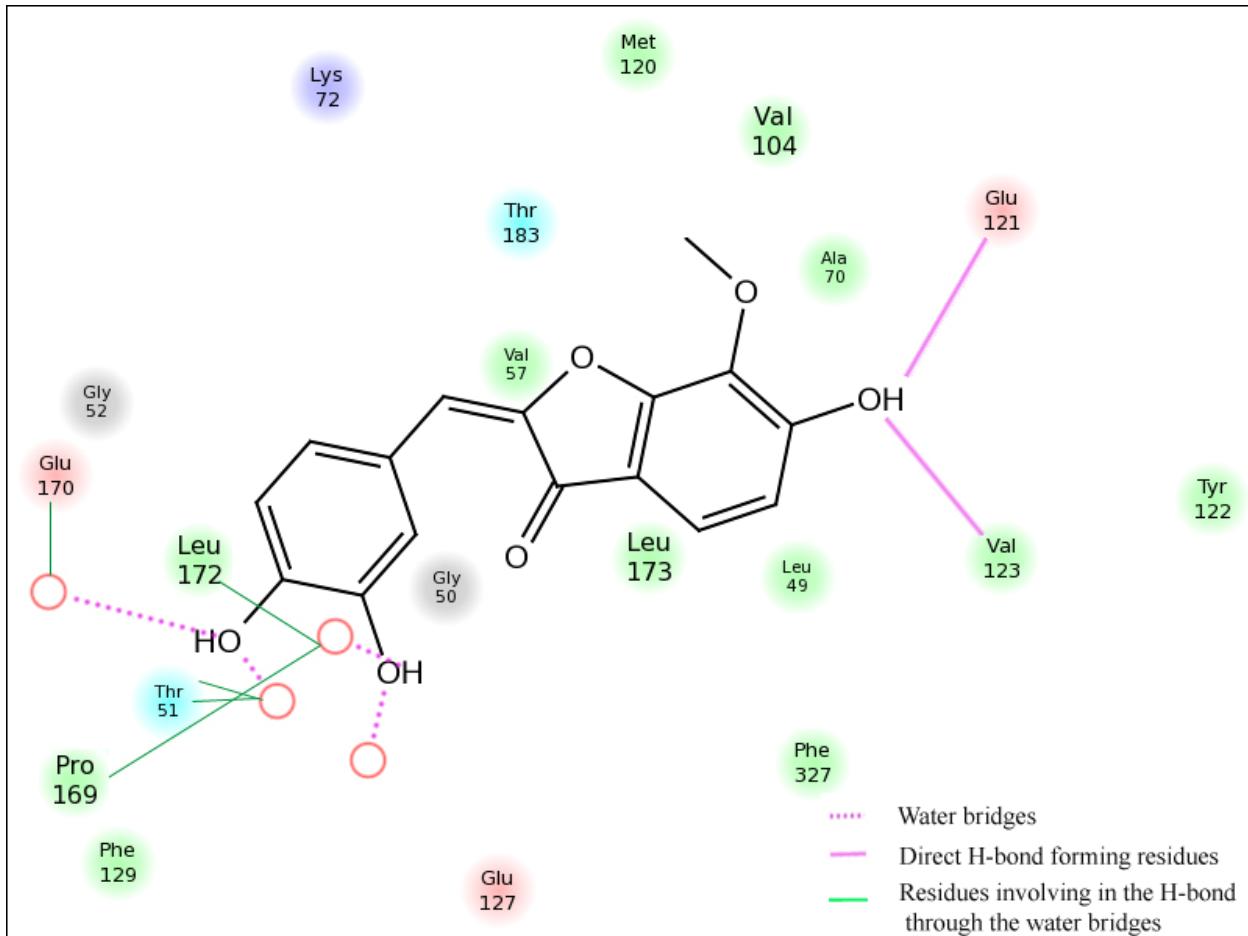
C



D



E



F

Supplementary Fig.3. Trajectories of PRKACA-leptosidin Docking Complex During Molecular Dynamics Simulations. **3A.** 0th trajectory **3B.** 1-20th trajectories. **3C.** 21-200th trajectories. **3D.** 201-220th trajectories. **3E.** 221-540th trajectories. **3F.** 541-2084th trajectories.