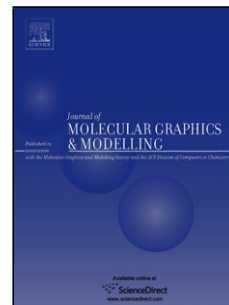


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# FLIP: An assisting software in structure based drug design using fingerprint of protein-ligand interaction profiles

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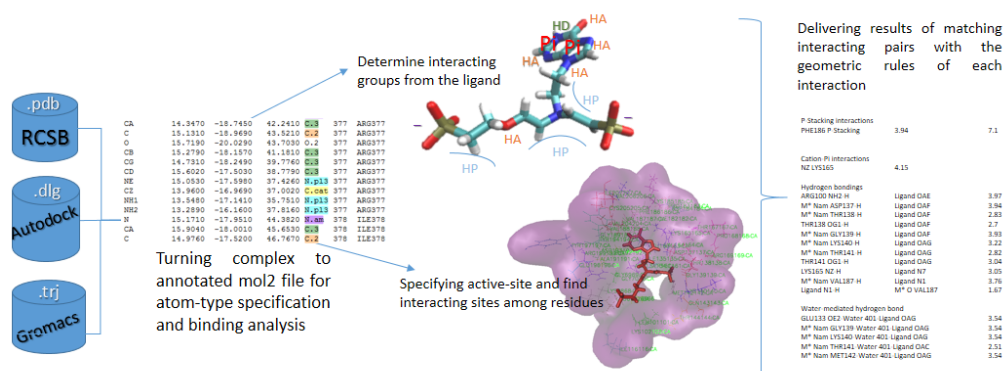
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## Graphical abstract



## Highlights

- A novel application (FLIP) for generation of protein-ligand interaction profiles was developed
- The application was extensively validated for detection of different molecular interactions.
- Independent ring perception libraries were used to increase its efficiency and speed
- Tanimoto distance was implemented in the application to compare different docking fingerprints

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