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|--|---|--------------------|
|  |   |                    |
|  | SH surfaces allow fast comparison and clus  | stering            |
|  | <ul> <li>SH-based clustering of Odour dataset superior to EVA clustering</li> </ul> |                    |
|  | Our models of CXCR4 and CCR5 are consis   | tent with SDM      |
|  | • We built a VS library of 248 CXCR4 and 424  | CCR5 inhibitors    |
|  | Ligand-based VS gives better enrichments  | than docking       |
|  | ParaFit and ROCS give the best overall VS e   | enrichments        |
|  | Docking & SH-based VS results for CXCR4   | better than CCR5   |
|  | <ul> <li>CXCR4 has smaller pocket and fewer ligands</li> </ul>                      | than CCR5          |
|  | Consensus clustering of CCR5 ligands -> F   | OUR super-families |
|  | Docking CCR5 SC pseudo-molecules -> TH  | REE sub-sites      |
|  | Good retrospective VS results on the Berley   | cactives           |
| 37/38  |   |                    |

