



Figure S3: Model of the L-PGDS/drug complex obtained from SwissDock [1] using the crystal structure of L-PGDS (PDB ID: 4IMN) [2] (A) L-PGDS/CPM complex with the distance between CPM and the Trp43 residue of L-PGDS highlighted in yellow. (B) L-PGDS/TRD complex with the distance between TRD and the Trp43 residue of L-PGDS highlighted.

- [1] G.C.P. van Zundert, J. Rodrigues, M. Trellet, C. Schmitz, P.L. Kastiris, E. Karaca, A.S.J. Melquiond, M. van Dijk, S.J. de Vries, and A. Bonvin, The HADDOCK2.2 Web Server: User-Friendly Integrative Modeling of Biomolecular Complexes. *J Mol Biol* 428 (2016) 720-725.
- [2] S.M. Lim, D. Chen, H. Teo, A. Roos, A.E. Jansson, T. Nyman, L. Tresaugues, K. Pervushin, and P. Nordlund, Structural and dynamic insights into substrate binding and catalysis of human lipocalin prostaglandin D synthase. *Journal of lipid research* 54 (2013) 1630-43.