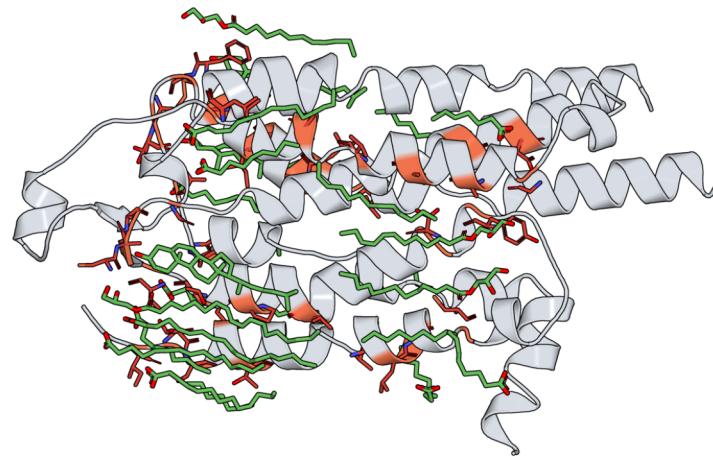


# MPLID Experimental Contacts vs. OPM Membrane Zone: A<sub>2A</sub> Adenosine Receptor (PDB: 5NM2)

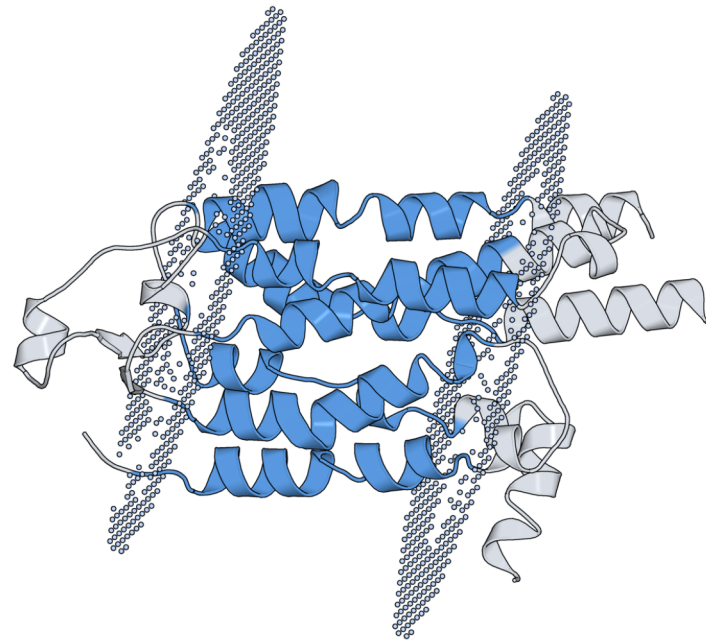
**MPLID: Experimental Lipid Contacts**

**A**



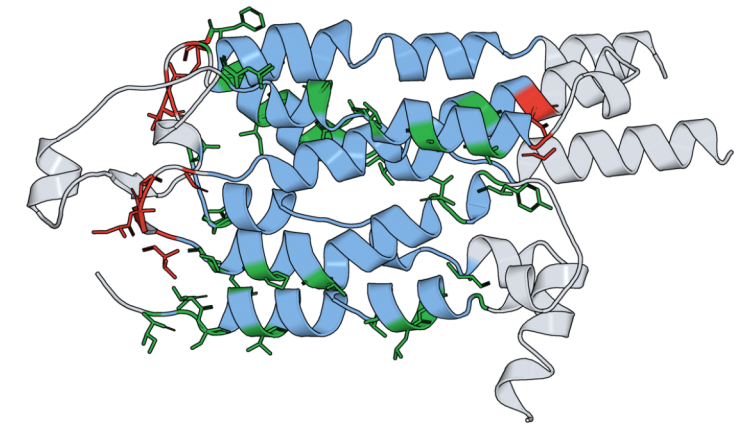
**OPM: Computational Membrane Zone**

**B**



**Agreement Overlay**

**C**



MPLID contact residues   Crystallized lipid molecules   OPM membrane zone residues

Agreement (contact + in membrane)   MPLID-only (contact outside membrane)   OPM-only (in membrane, no contact)