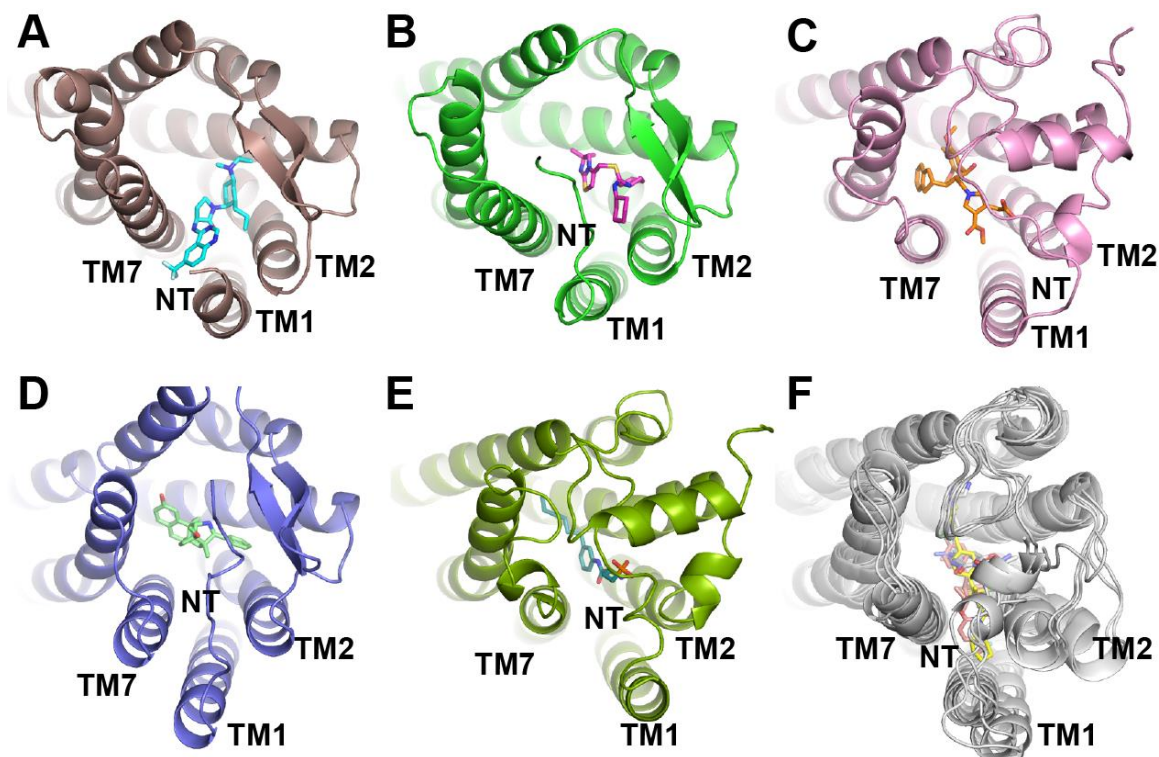


S5 Fig. The high-resolution crystal structures of class-A GPCRs with the NT in contact with small-molecule ligands. The NT is within 5 Å (heavy atom-heavy atom distance) of the small-molecule ligands that at least partially occupy the OBS in the crystal structures of (A) Chemokine receptors CCR2 (PDB: 5T1A) [1] and (B) CXCR4 (PDB: 3ODU) [2], (C) lysophospholipid receptor-1 (PDB: 4Z34) [3], (D) μ -opioid receptor (PDB: 5C1M) [4], (E) sphingosine 1-phosphate receptor subtype 1 (PDB: 3V2Y) [5], and (F) cannabinoid receptor CB1 (PDB: 5TGZ, 5U09, 5XR8, and 5XRA) [6-8].



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