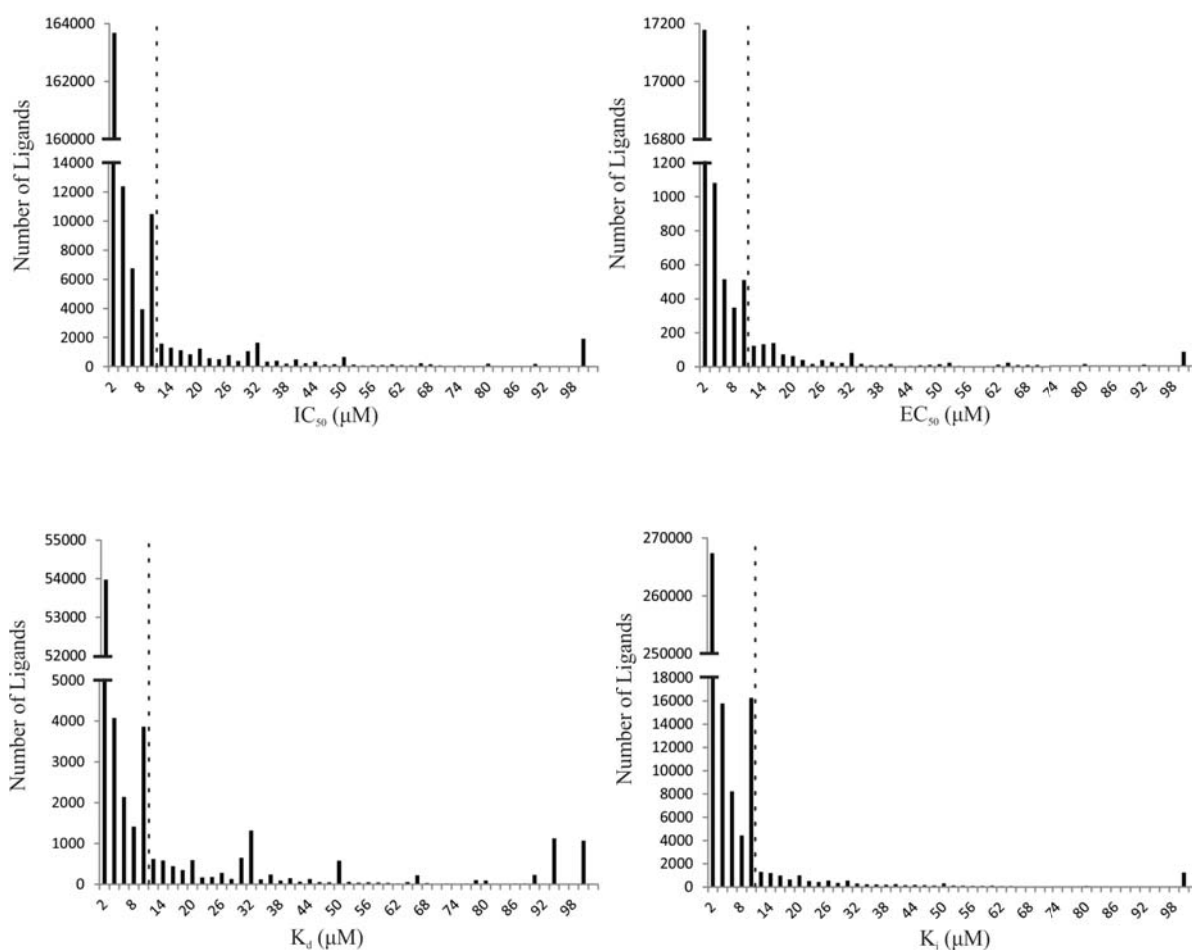


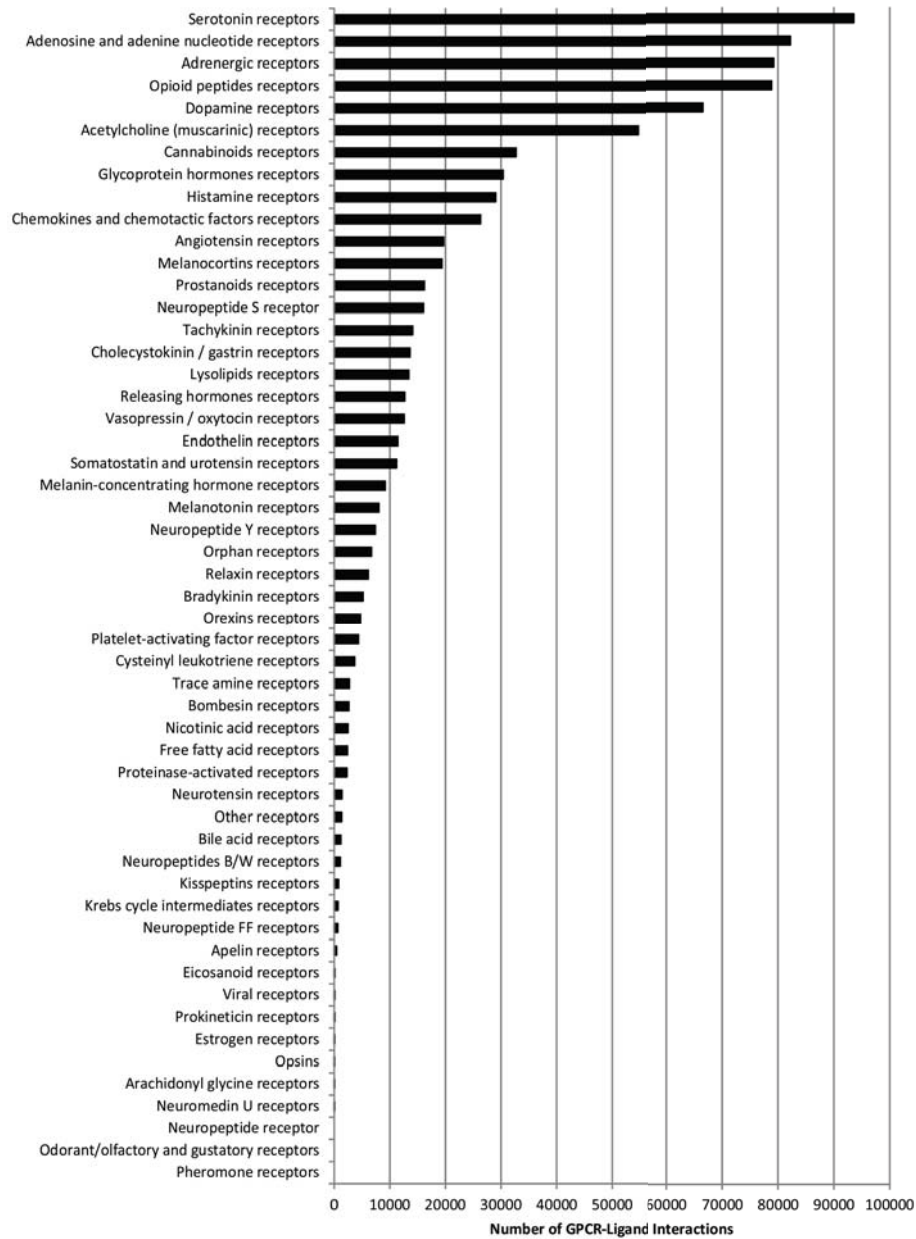
# GLASS: a comprehensive database for experimentally validated GPCR-ligand associations

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## Supplementary Information



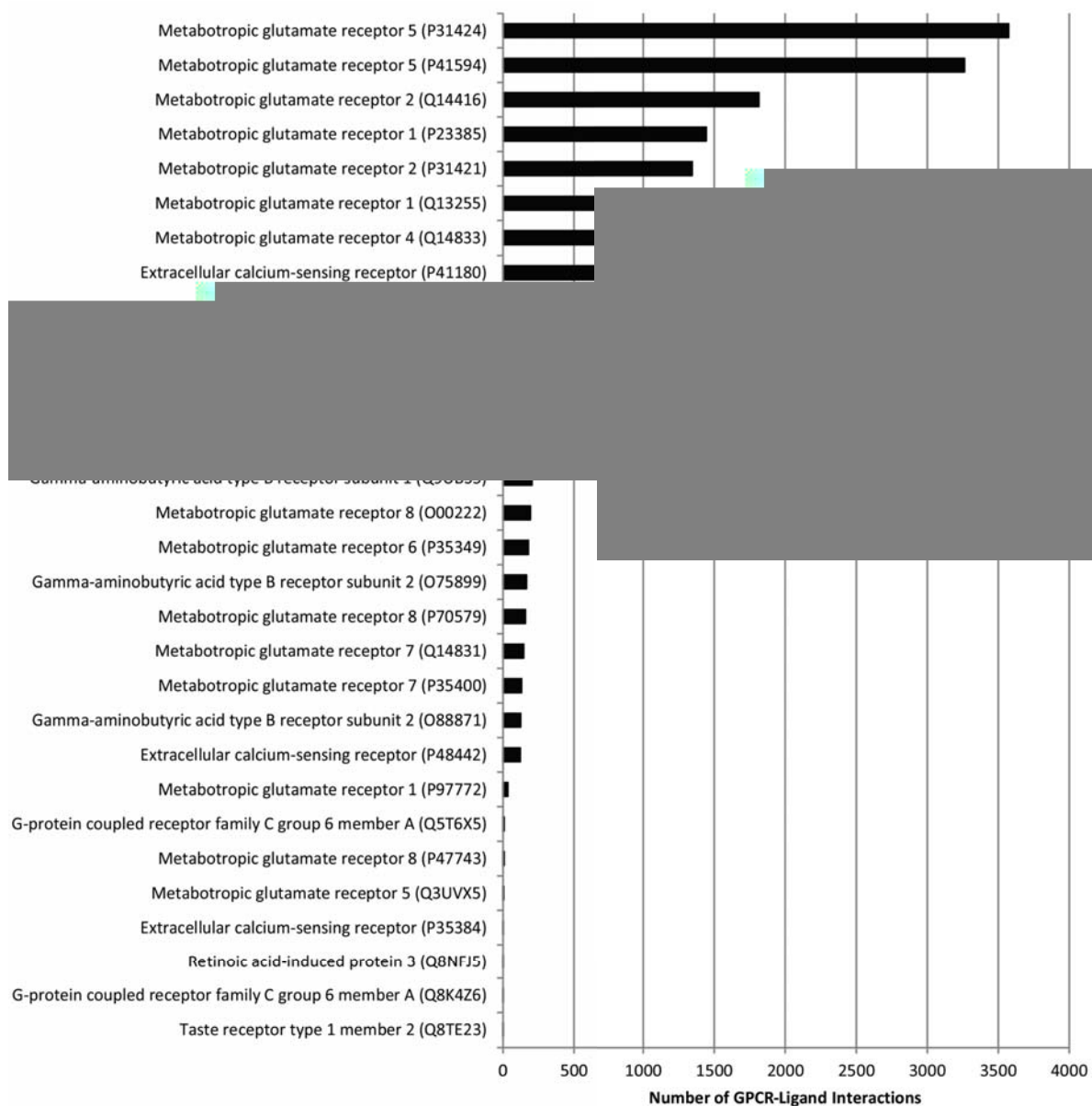
**Figure S1.** Distribution of ligand activities in GLASS database. Cutoffs (dotted line) were made based on (A) IC<sub>50</sub>, (B) EC<sub>50</sub>, (C) K<sub>d</sub>, and (D) K<sub>i</sub>, where ligands with an activity greater than 10 μM were discarded. The number of ligands was tabulated with bins of 2 μM.



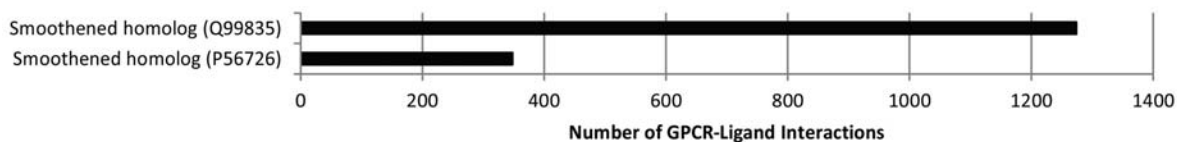
**Figure S2.** Histogram of ligand associations with GPCRs in the Class A (rhodopsin-like) family. The figure only displays the GPCRs with at least one ligand associations.



**Figure S3.** Histogram of ligand associations with GPCRs in the Class B (secretin) family. The figure only displays the GPCRs with at least one ligand associations.



**Figure S4.** Histogram of ligand associations with GPCRs in the Class C (metabotropic glutamate/pheromone) family. The figure only displays the GPCRs with at least one ligand associations.



**Figure S5.** Histogram of ligand associations with GPCRs in the Class F (frizzled /smoothened) family. The figure only displays the GPCRs with at least one ligand associations.