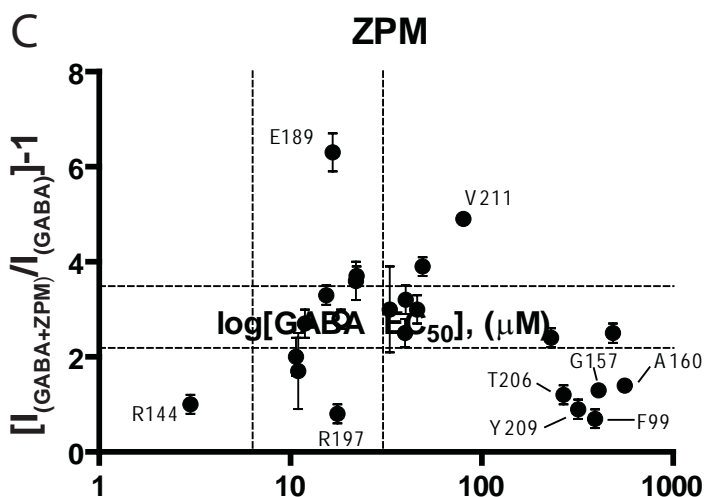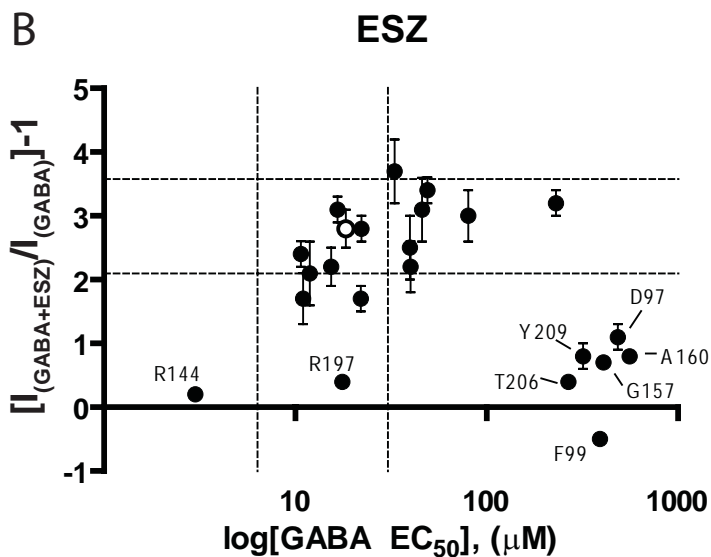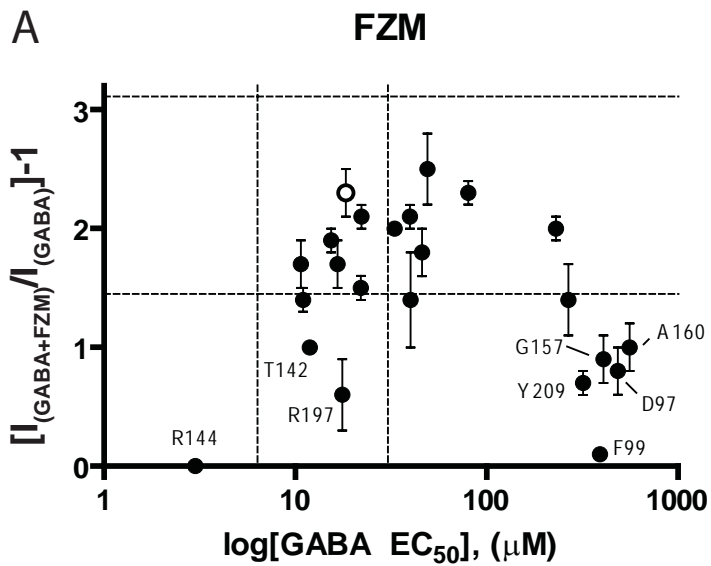Different residues in the GABA$_A$ receptor benzodiazepine binding pocket mediate benzodiazepine efficacy and binding
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Molecular Pharmacology

Supplementary Figure 1. GABA EC$_{50}$ is not correlated with BZD maximal potentiation. For WT and each mutant receptor, the maximal BZD potentiation of EC$_{15}$ GABA current is plotted versus log[GABA EC$_{50}$] for A) FZM, B) ESZ and C) ZPM. Data are mean values. Error bars are SEM of BZD potentiation. Open circles represent WT values. Dashed lines represent 95% confidence intervals for WT GABA EC$_{50}$ (vertical lines) and BZD maximal potentiation (horizontal lines). Residues whose mutation significantly altered BZD potentiation compared to WT are labeled.