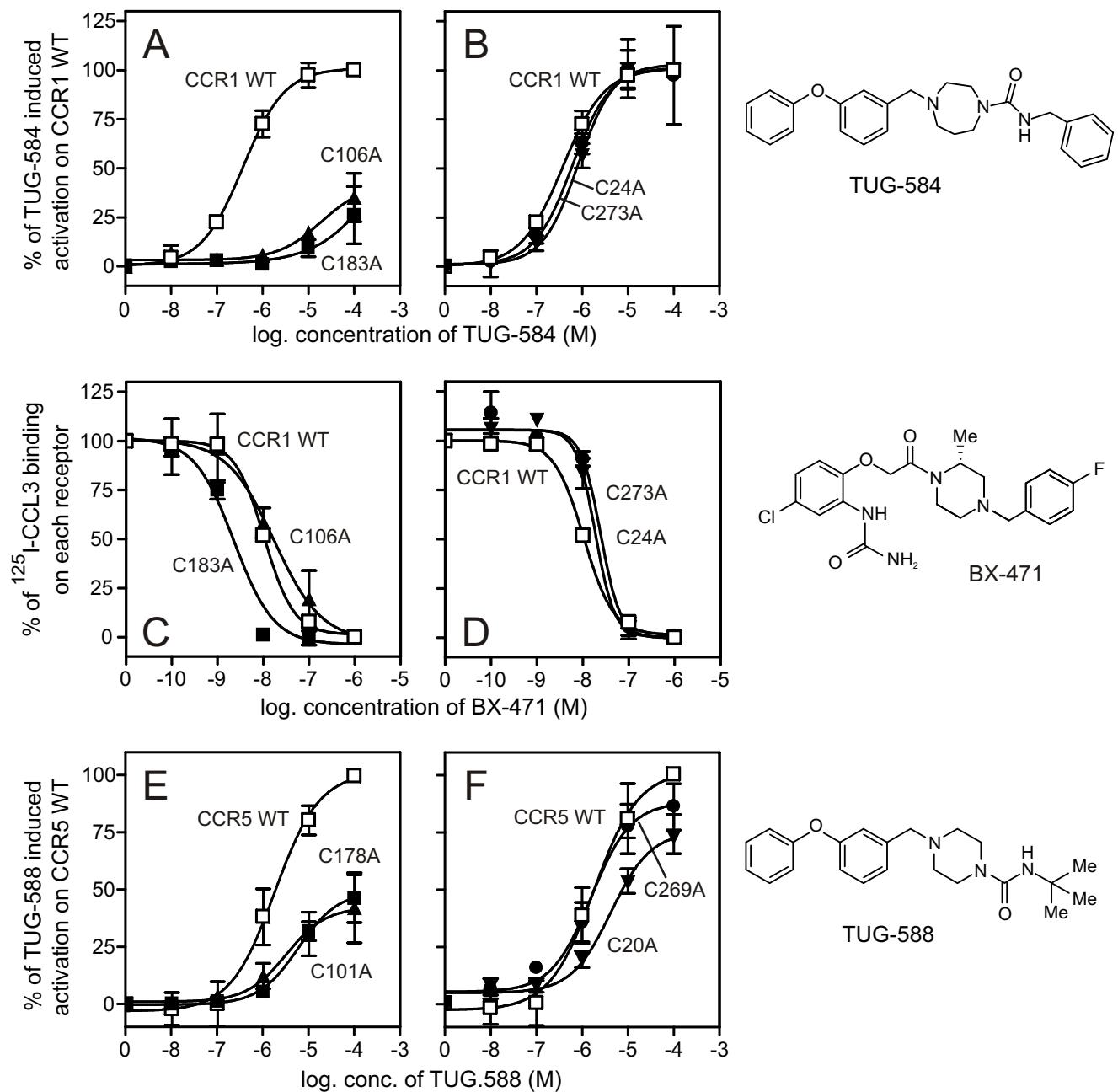


Supplemental Figure 2



Supplemental Figure 2. Small molecule interaction in CCR1 and -5 mutant receptors. The structure of TUG-584 (CCR1-agonist), Berlex (CCR1-antagonist) and TUG-588 (CCR5-agonist) is shown to the right. IP₃-accumulation of TUG-584 is shown for CCR1 wt (□), [C106A]-CCR1 (▲), [C183A]-CCR1 (■) (A) and on CCR1 WT (□), [C24A]-CCR1 (▼), [C273A]-CCR1 (●) (B). Heterologous binding of BX471 on CCR1 WT (□), [C106A]-CCR1 (▲), [C183A]-CCR1 (■) (C) and on CCR1 WT (○), [C24A]-CCR1 (▼), [C273A]-CCR1 (●) (D). IP₃-accumulation of TUG-588 is shown for CCR5 wt (□), [C101A]-CCR5 (▲), [C178A]-CCR5 (■) (E) and on CCR5 WT (□), [C20A]-CCR5 (▼), [C269A]-CCR5 (●) (F). Receptor activation data is normalized against the WT receptor (CCR1WT A and B, and CCR5 WT E and F), whereas binding curves are normalized against own values (n=3).