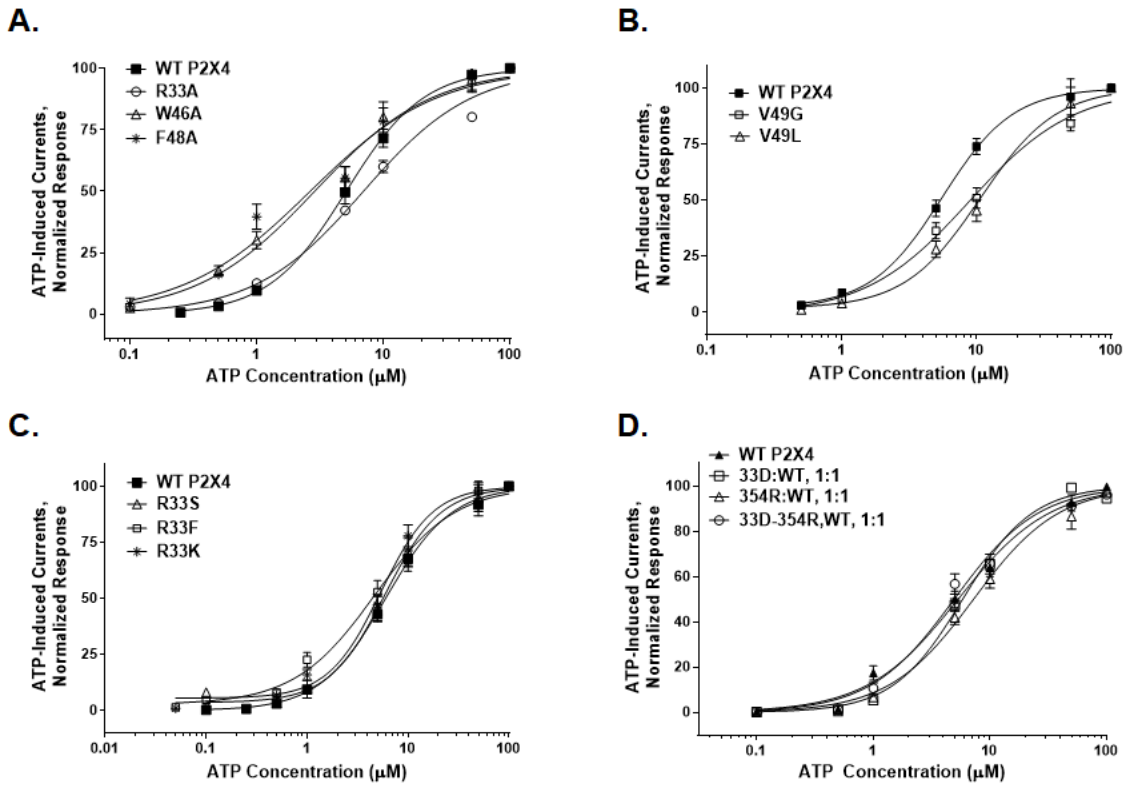


Appendix A



Supplementary Figure A1. ATP concentration-response curves for WT and select P2X4R mutants. (a) There was a right-shift in the ATP concentration-response curves for R33A and F48A but not for W46A mutant compared to that of the WT receptor. (b) A right-shift in the ATP concentration-response curves shown for V49G and V49L mutants. (c) Position 33 mutants demonstrated WT-like ATP concentration responses. (d) WT-like ATP concentration responses for position 33 and 354 reciprocal mutant:WT receptor mixtures.