

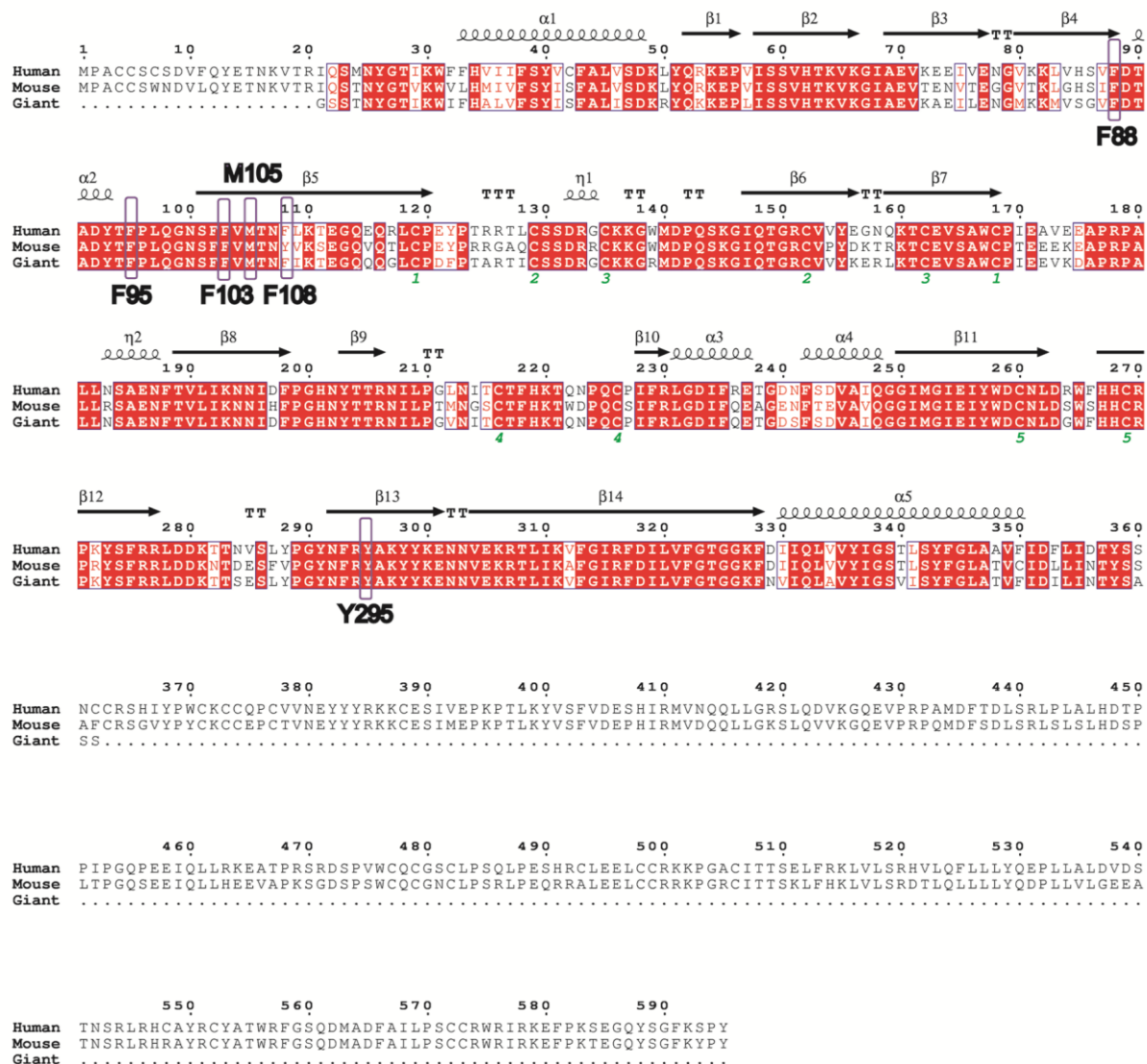


Figure S1

P2RX7 peptide sequence alignments.

Human, giant panda and mouse P2RX7 peptide sequences (UniProt) were aligned and revealed 77% and 81% of residues to be conserved in panda compared to mouse and human, respectively (highlighted in red). The key residues involved in binding the specific P2RX7 antagonists are also conserved (highlighted by purple boxes). Secondary structural elements present in the giant panda model are also depicted.