

Region 1: N-terminal domain (residues 1-100)

Region 2: Transmembrane domain (residues 101-119)

Region 3: S1 subunit (residues 120-220)

Region 4: S2 subunit (residues 221-320)

Region 5: C-terminal domain (residues 321-550)

Legend: A (blue), C (green), D (red), E (orange), F (yellow), G (light green), H (purple), I (pink), K (dark blue), L (light blue), M (brown), N (teal), P (light orange), Q (light purple), R (dark red), S (light teal), T (light pink), V (light blue), W (grey), Y (yellow-orange)