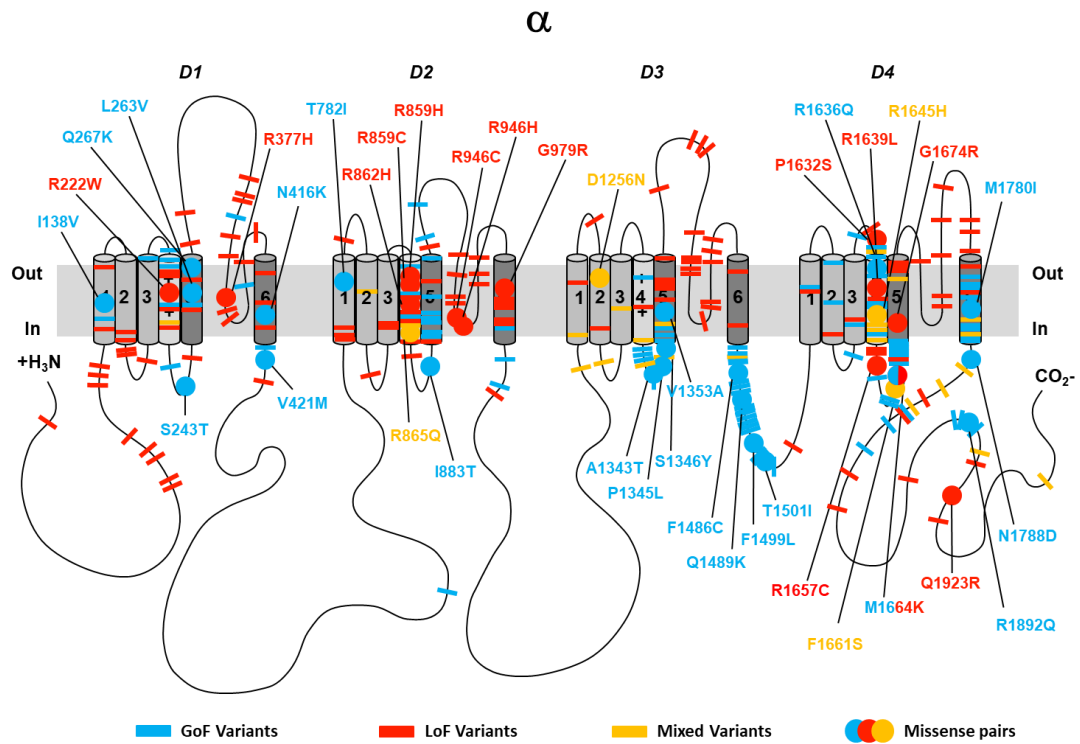


Figure 1 | Similarities in variant function and distribution across the SCN gene family



Legend: Similarities in *SCN1-11A* variants occurring in conserved channel locations illustrated across the SCN protein: inactivation sites (DIIS4-5, DIII-IV, DIV-S4-5 and DIVS6), pore-loops (S5-6) and the voltage-sensor (S4). Blocks represent individual variants and circles illustrate variant pairs in different SCNs.