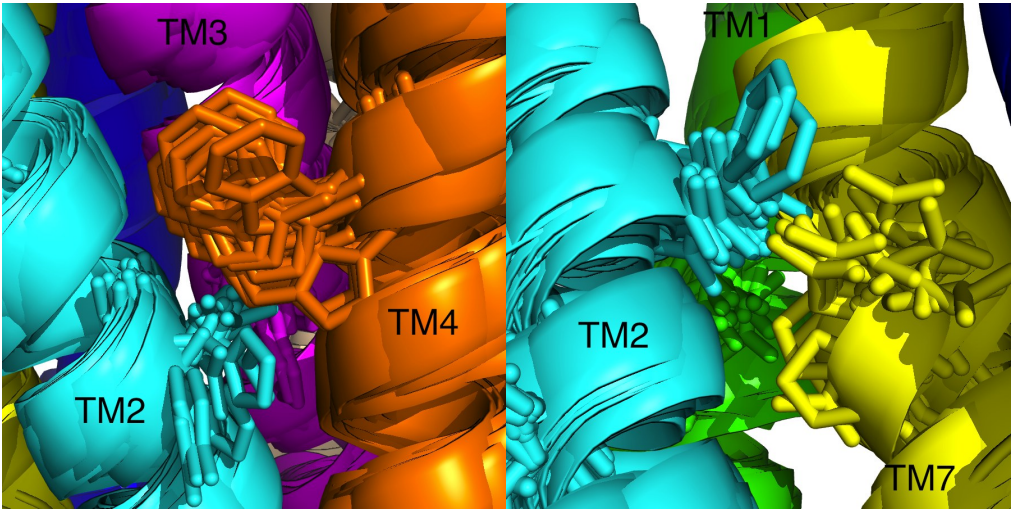

(a) W4.50 ↔ S/N/T2.45 ↔ S/N/T3.42 **(b)** N1.50 ↔ D2.50 ↔ N7.49 (water-mediated)