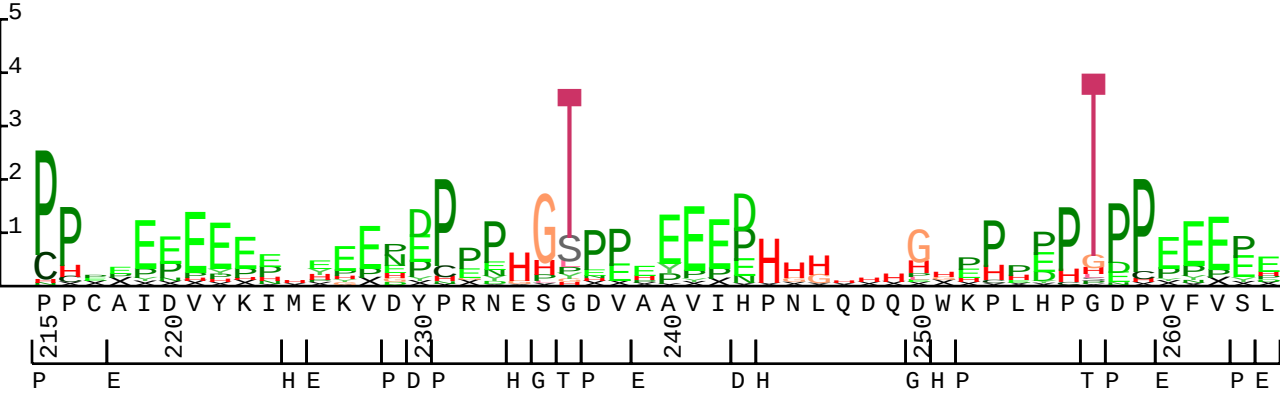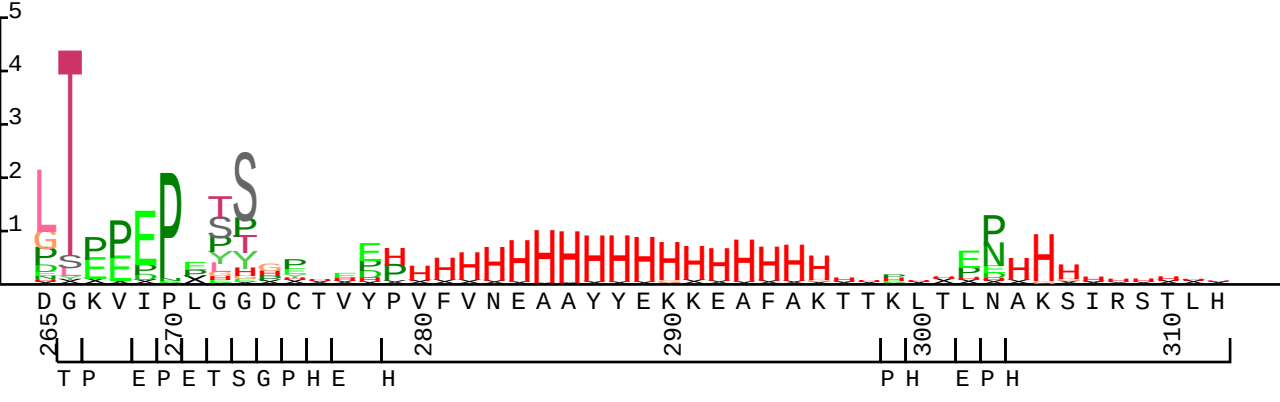T0289.t2k bys