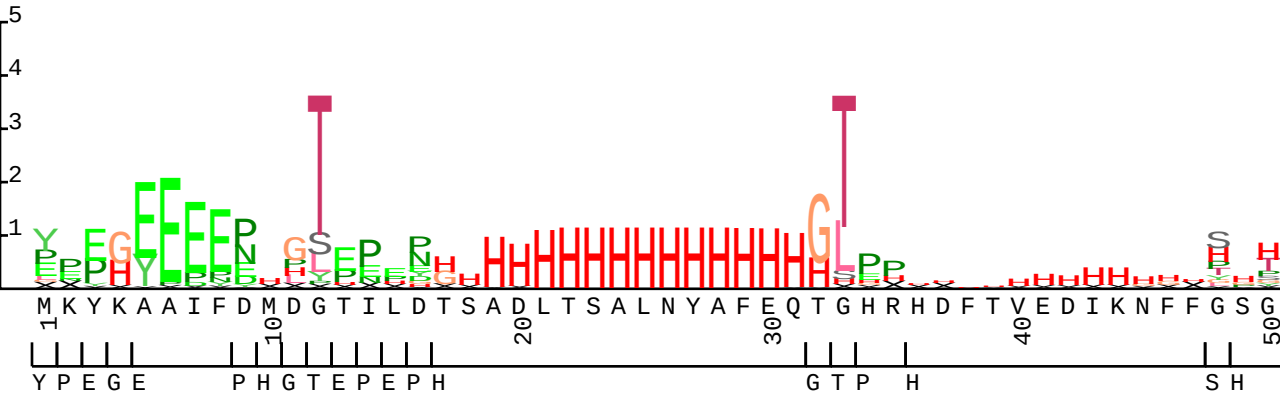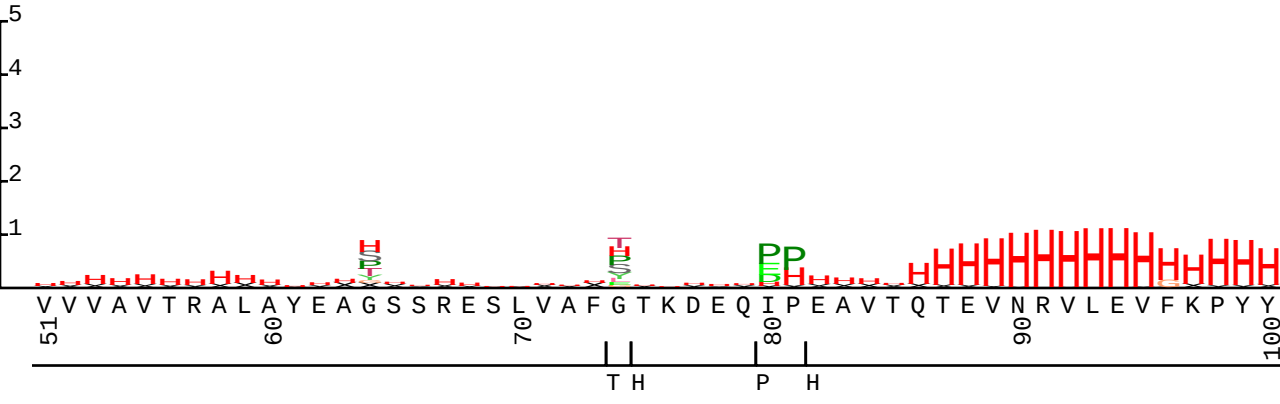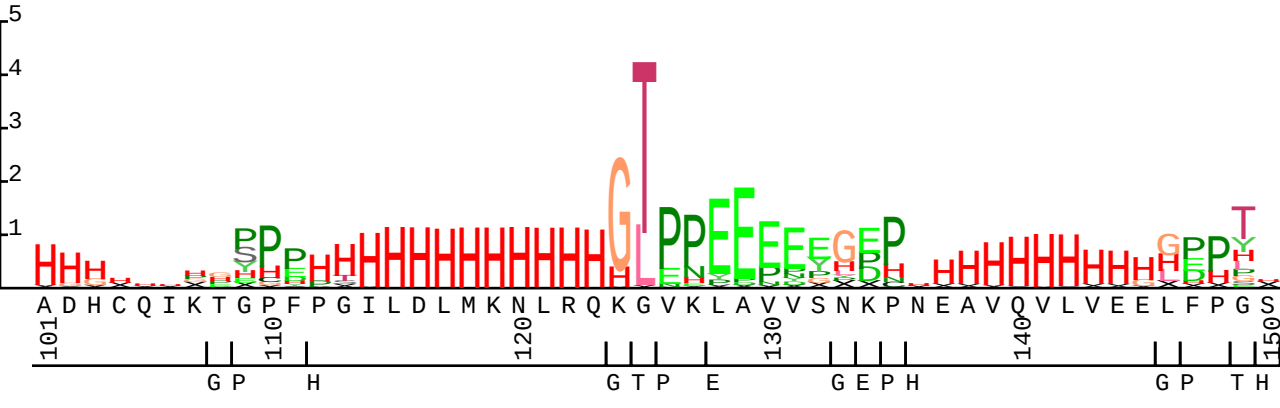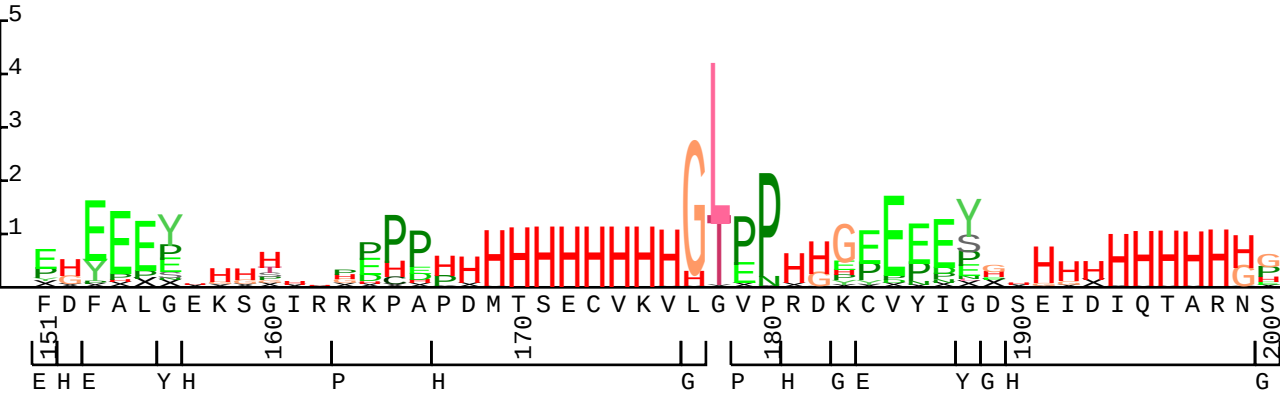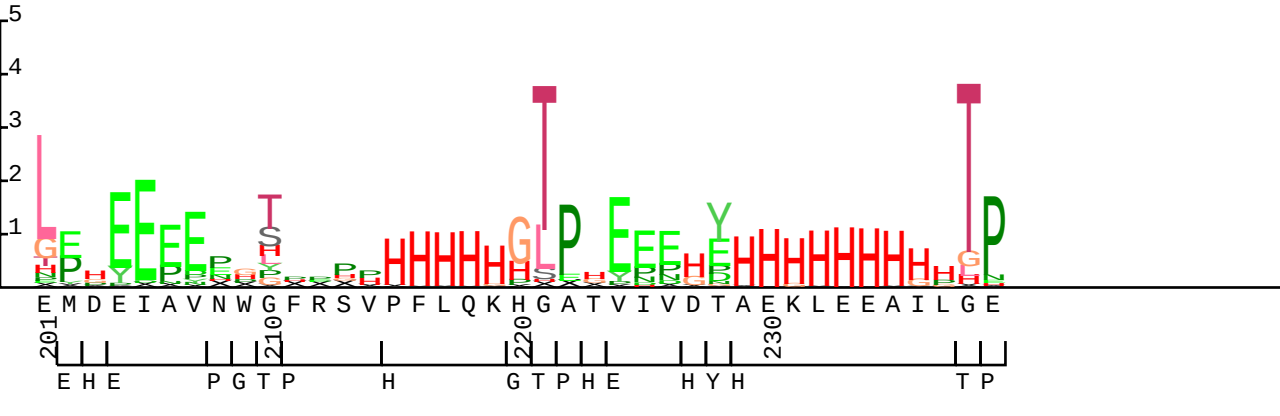T0329.t2k bys