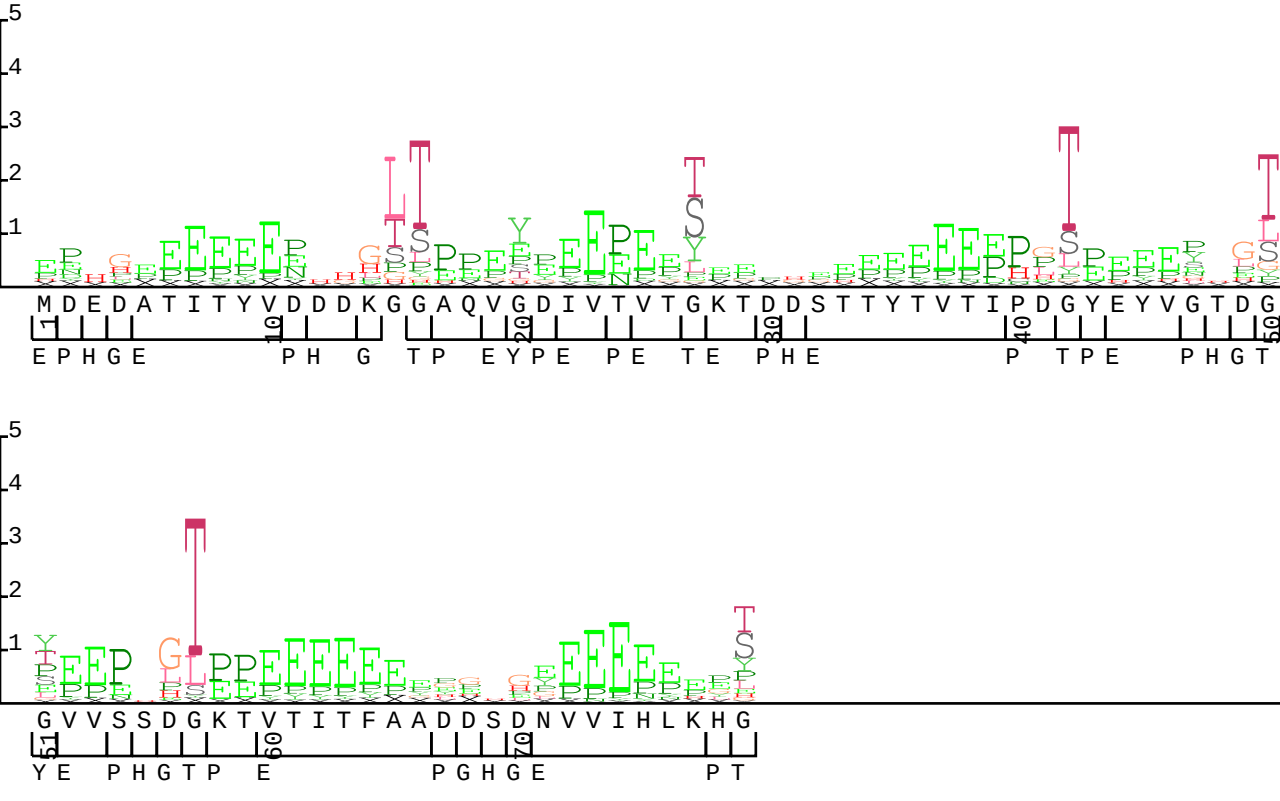T0569.t2k bys