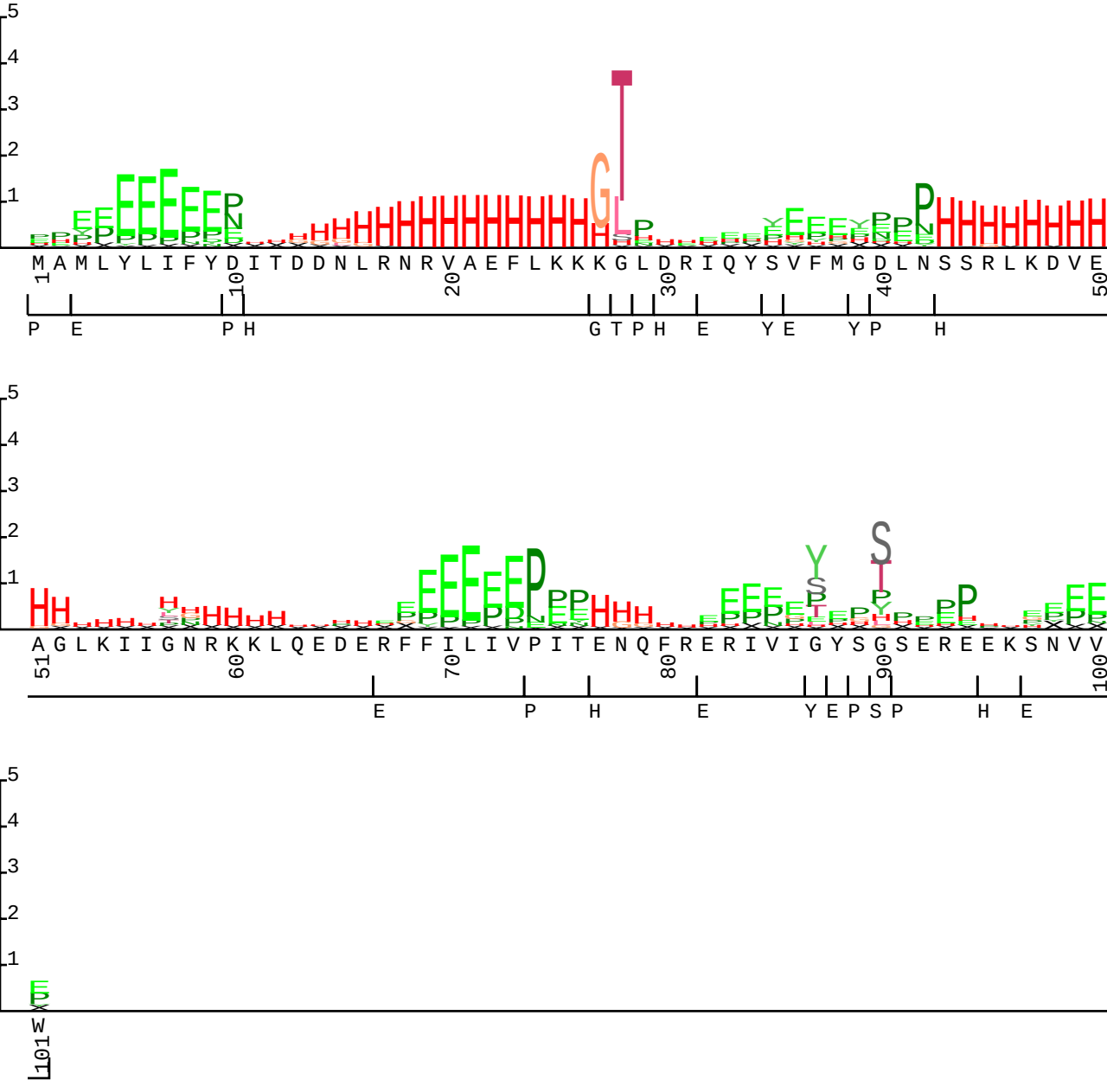T0377.t2k bys