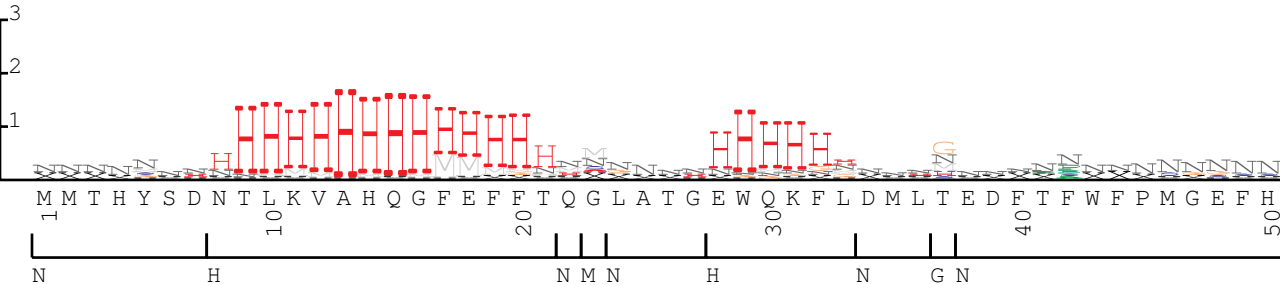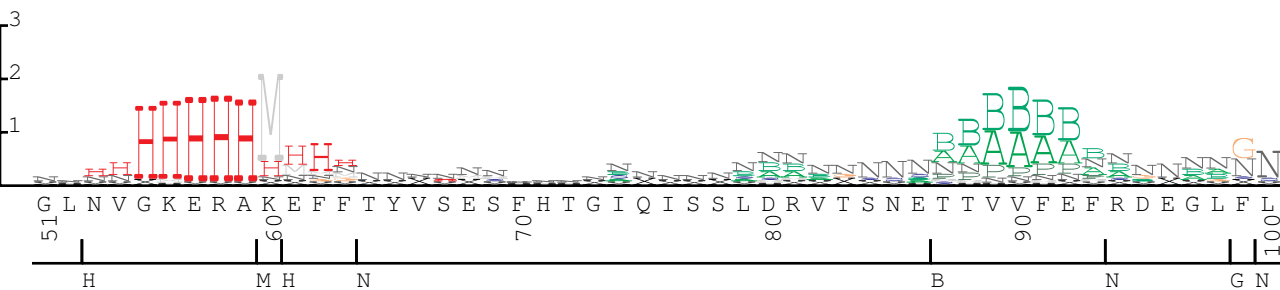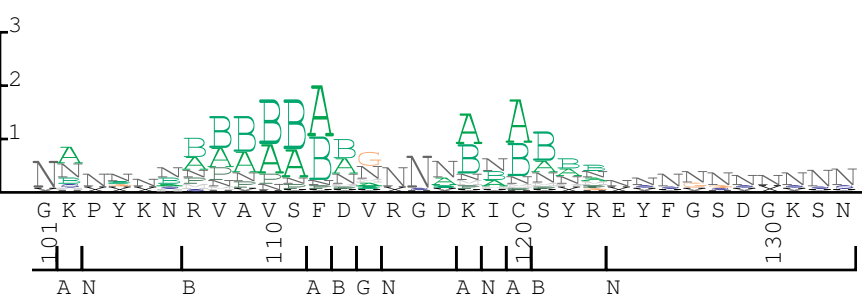T0451.t2k o_notor2