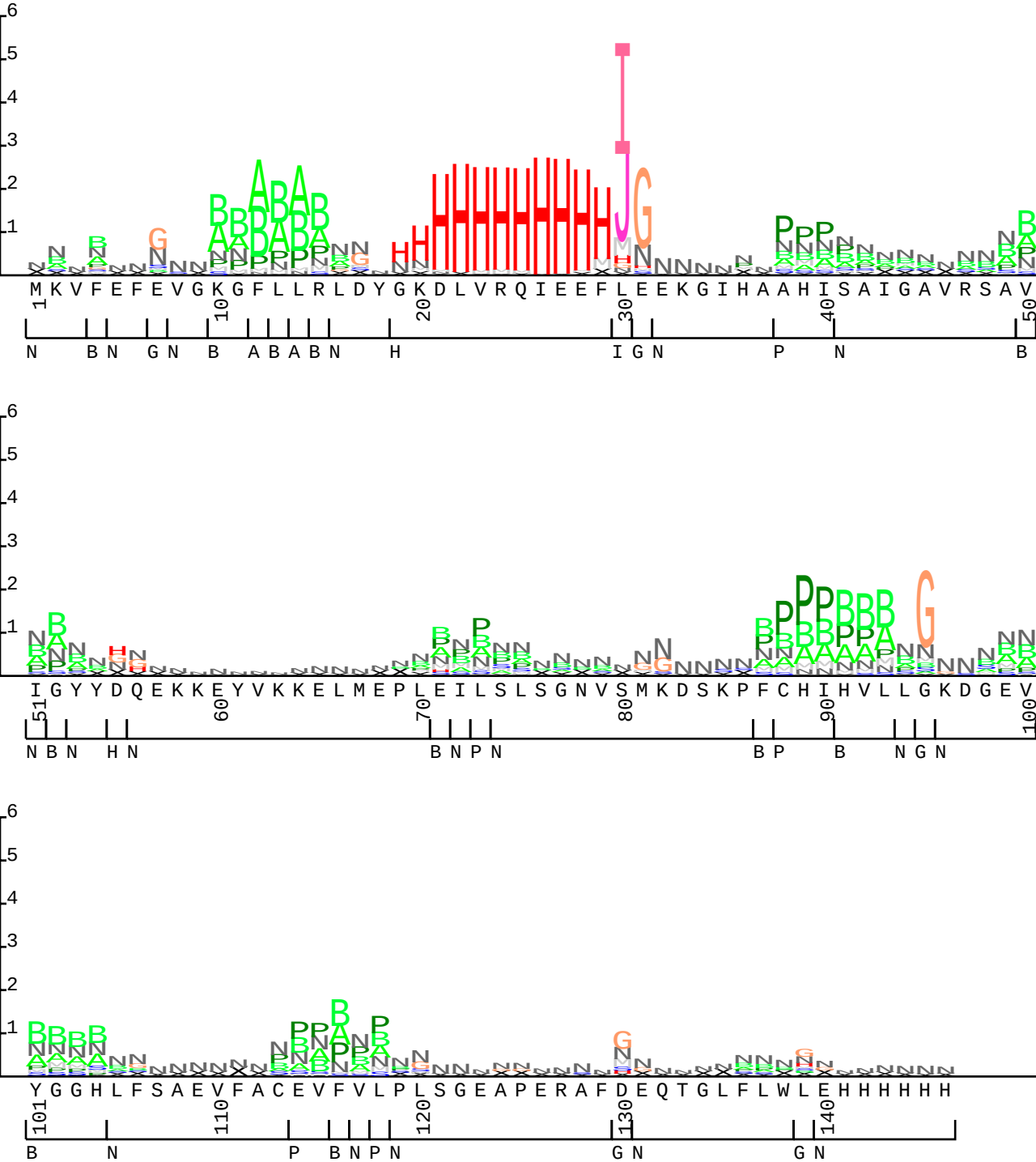T0312.t2k o_notor2