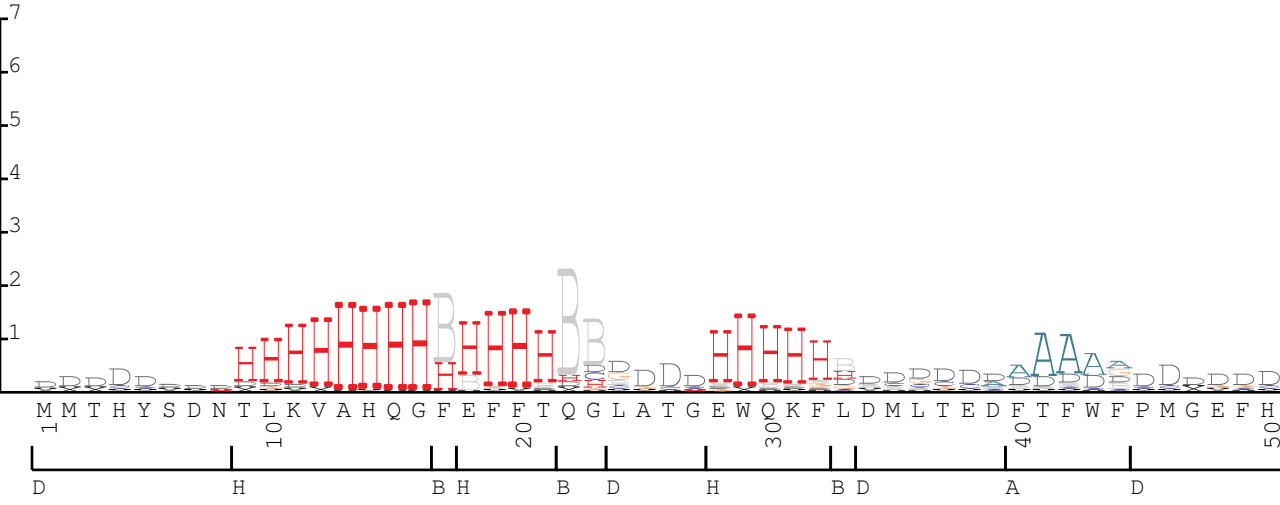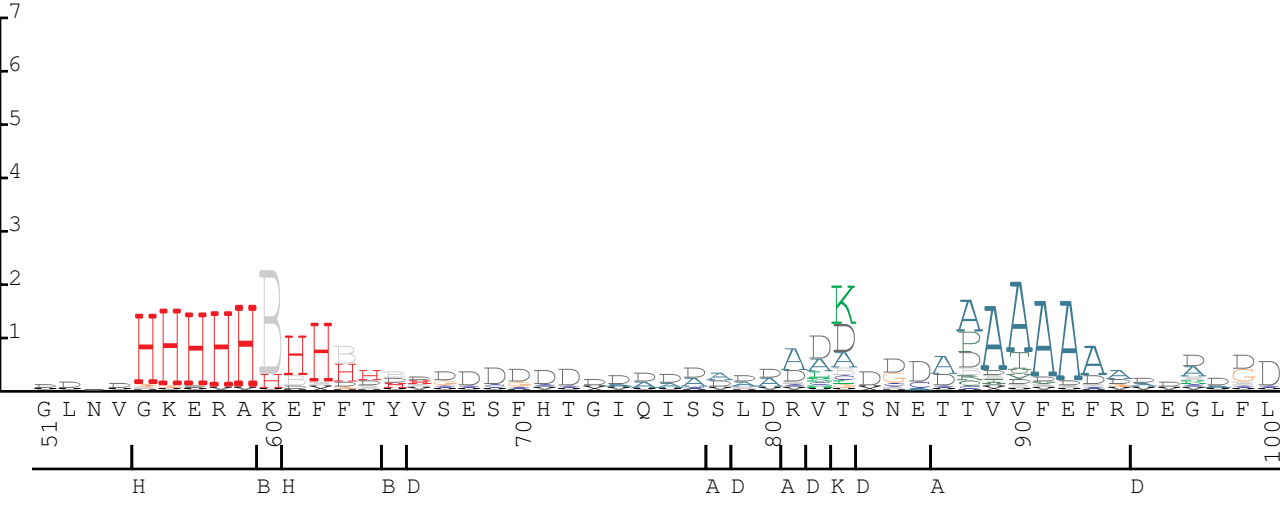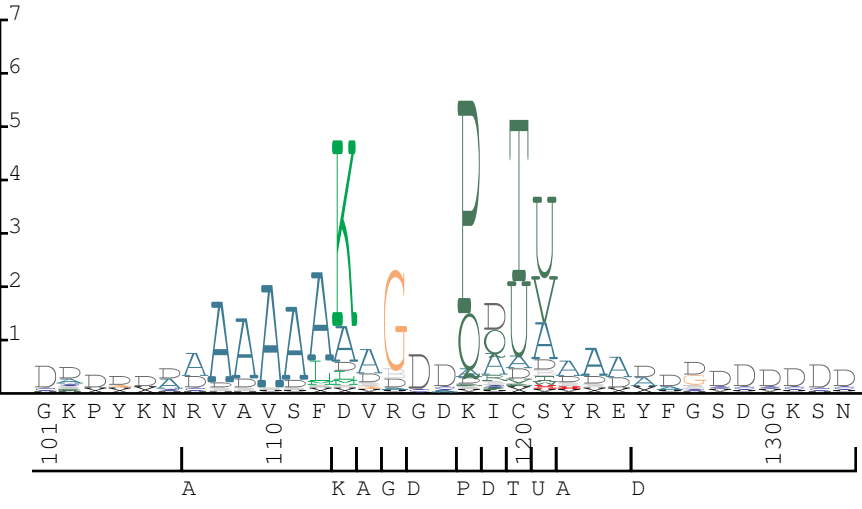T0451.t06 o_sep