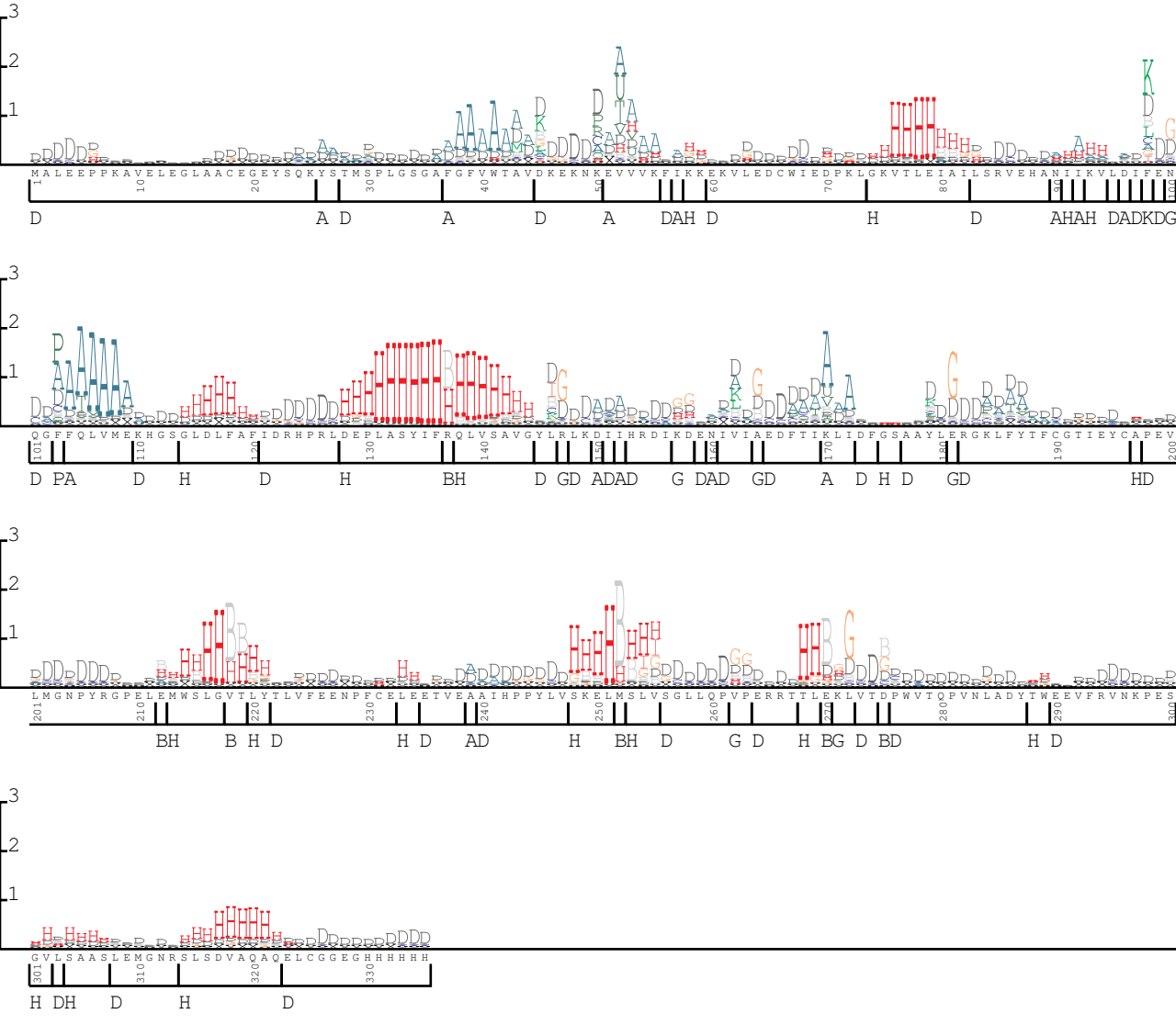T0483.t04 o_sep