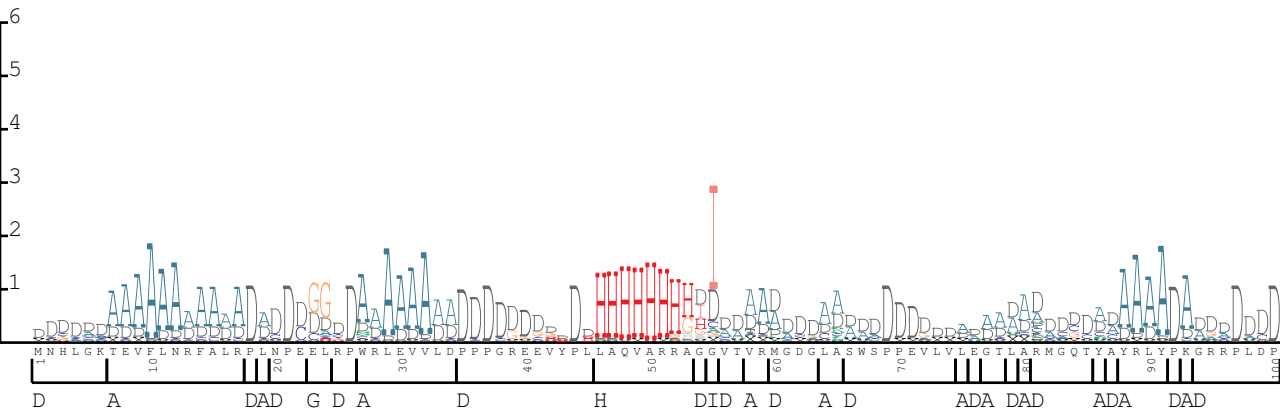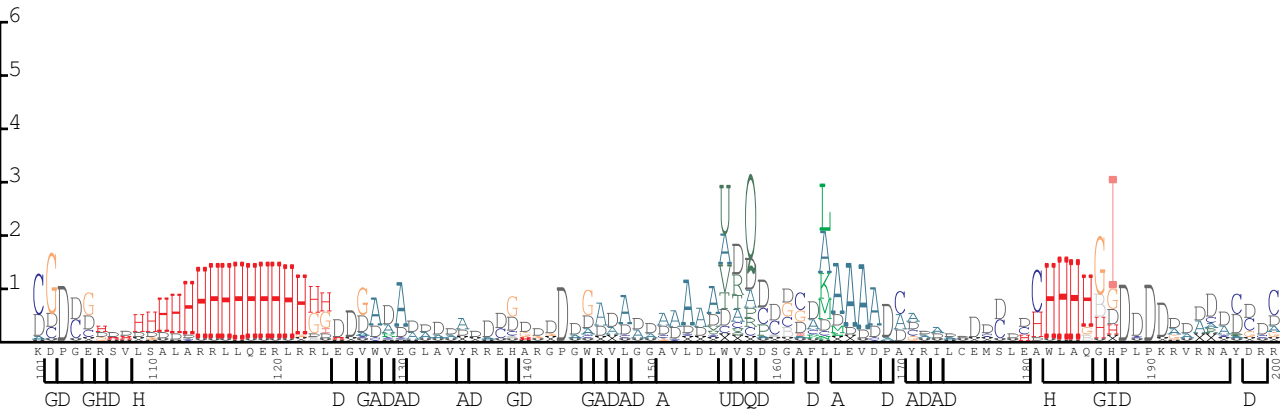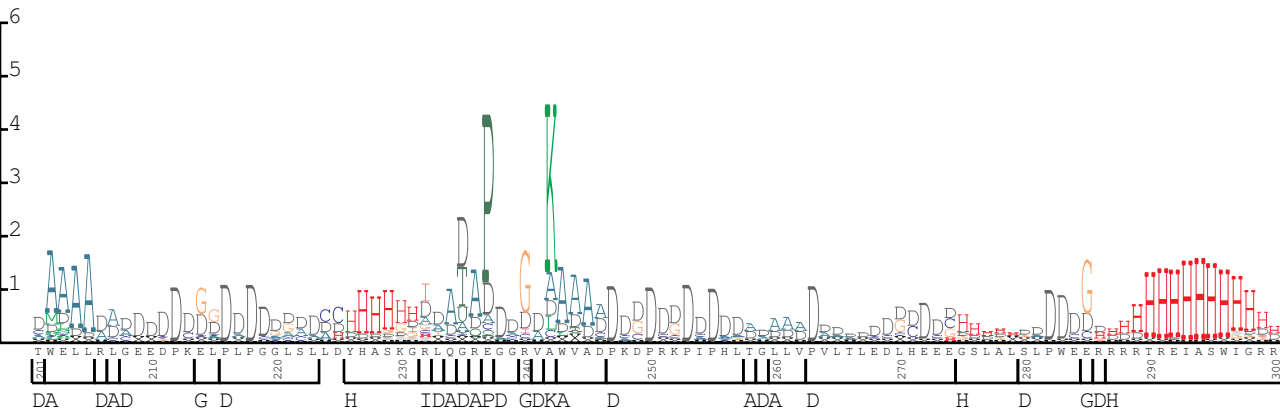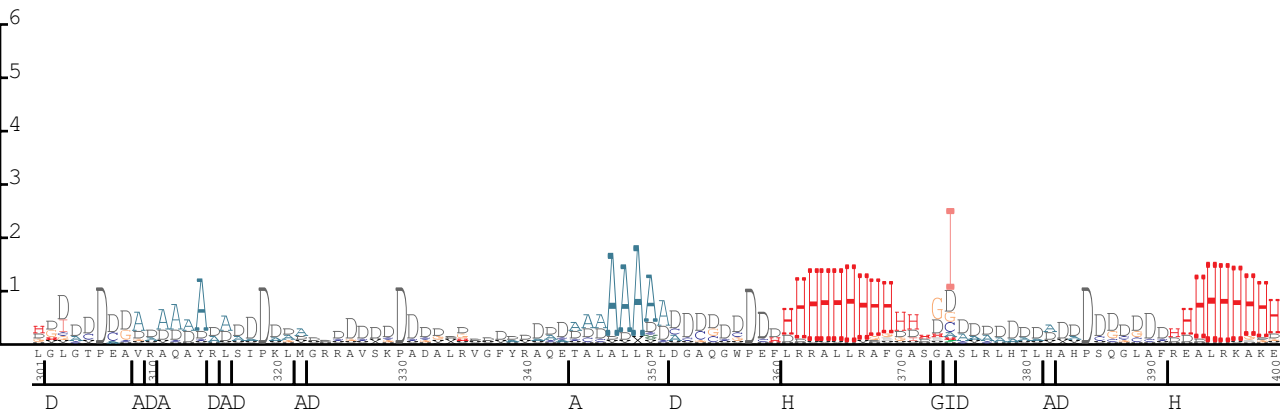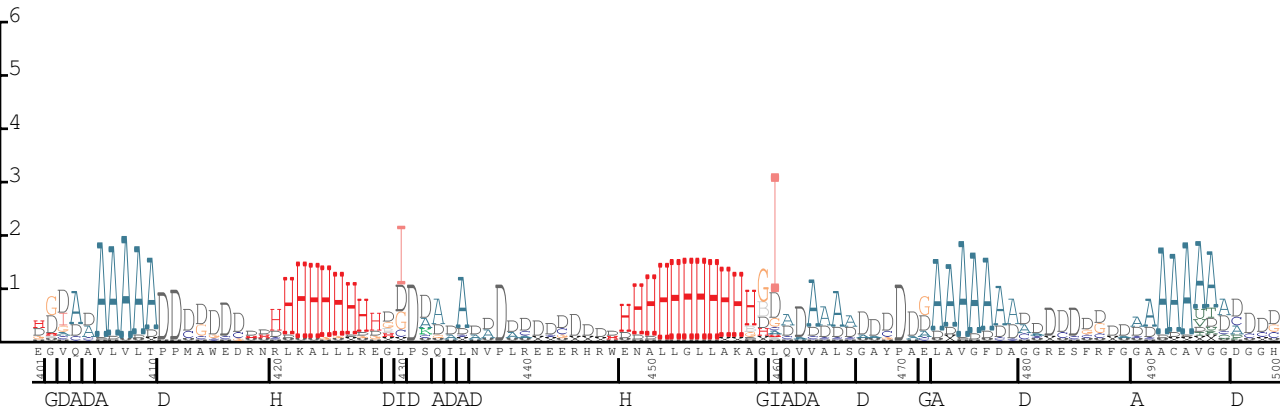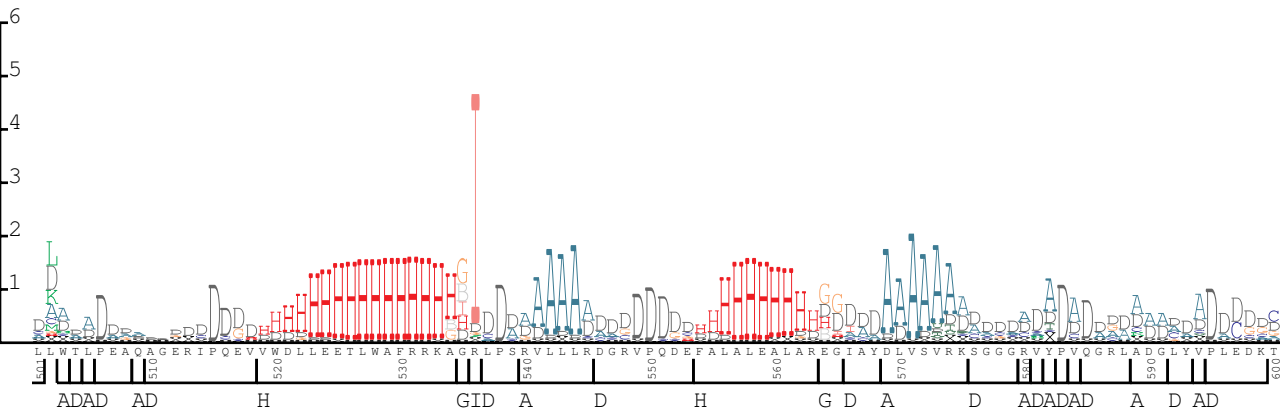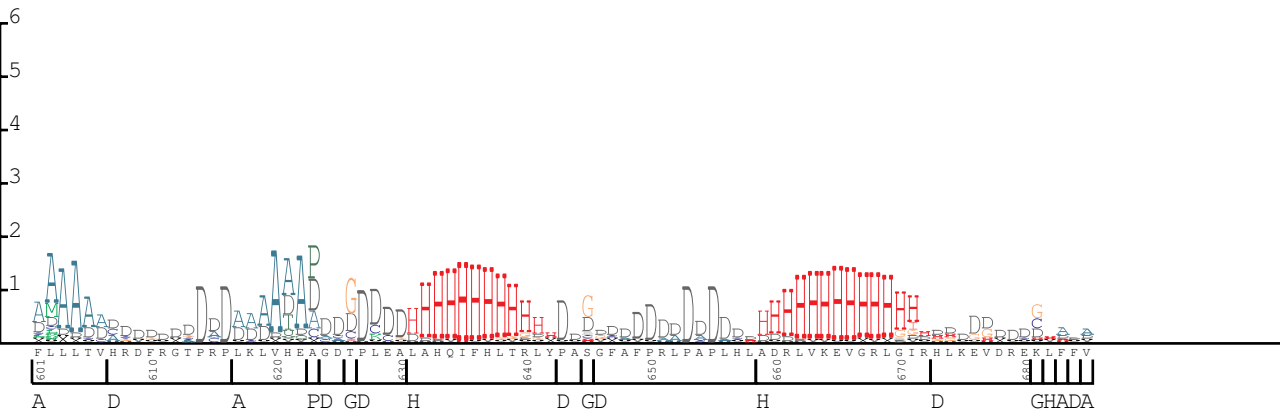T0487.t04 n_sep