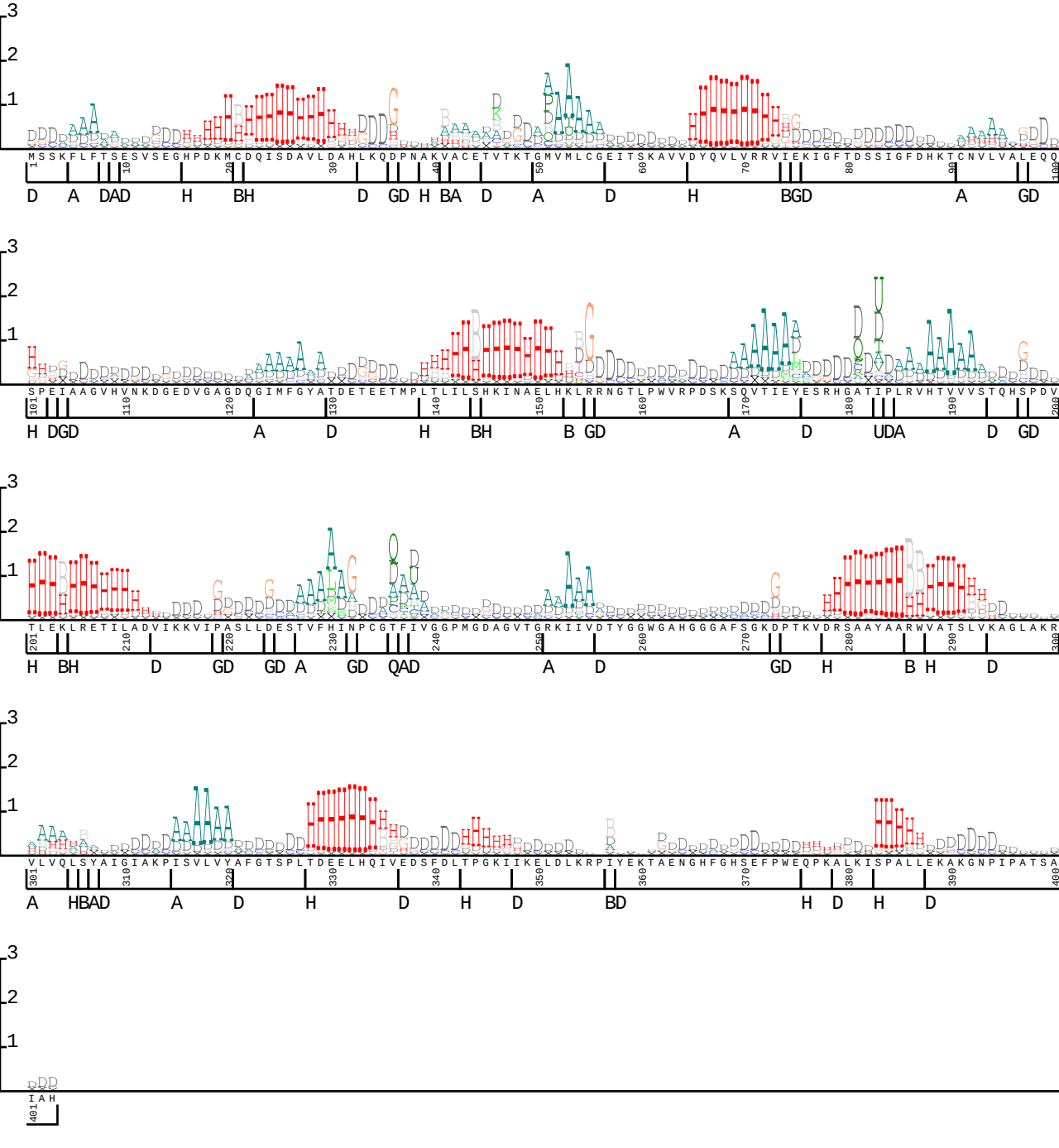NP_510002_1.t04 o_sep