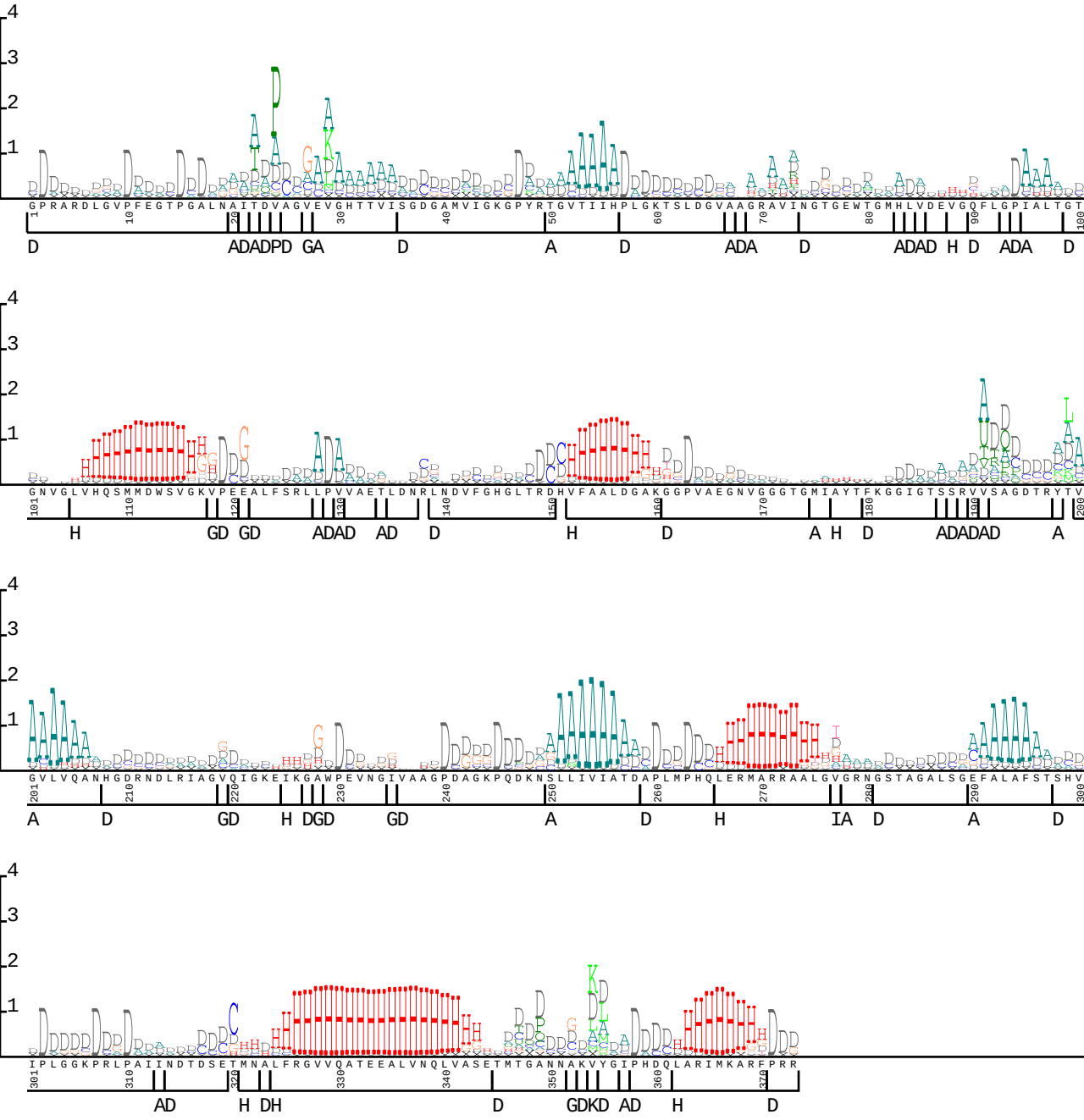T0587.t2k n_sep