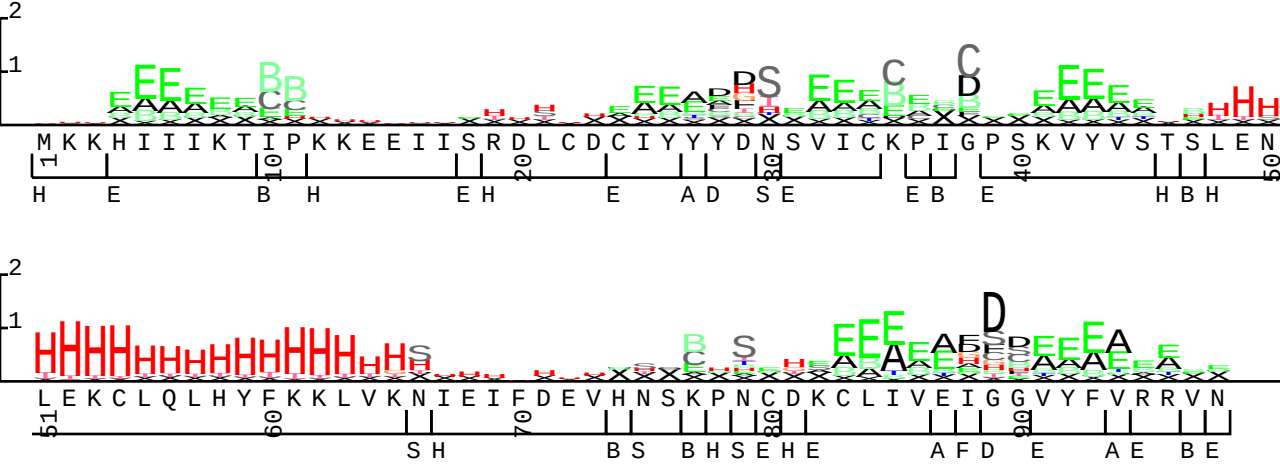T0239.t04 alpha