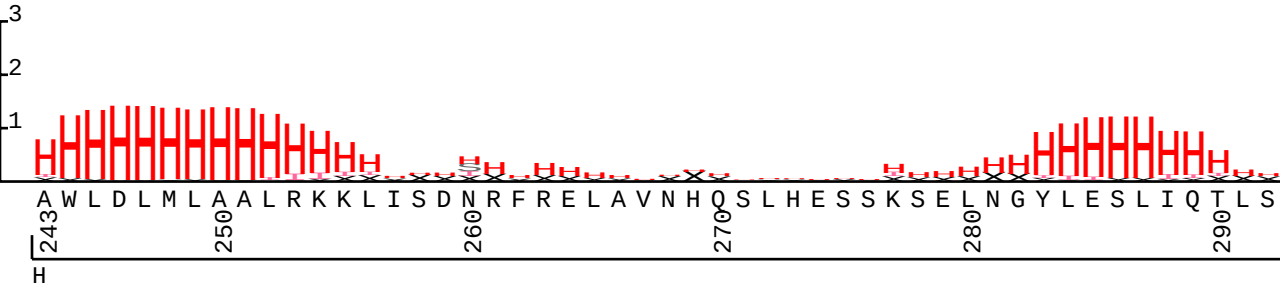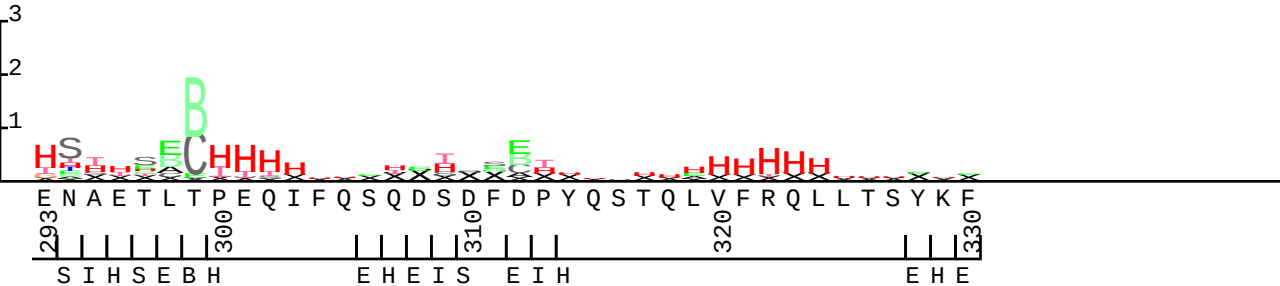T0219.t04 alpha