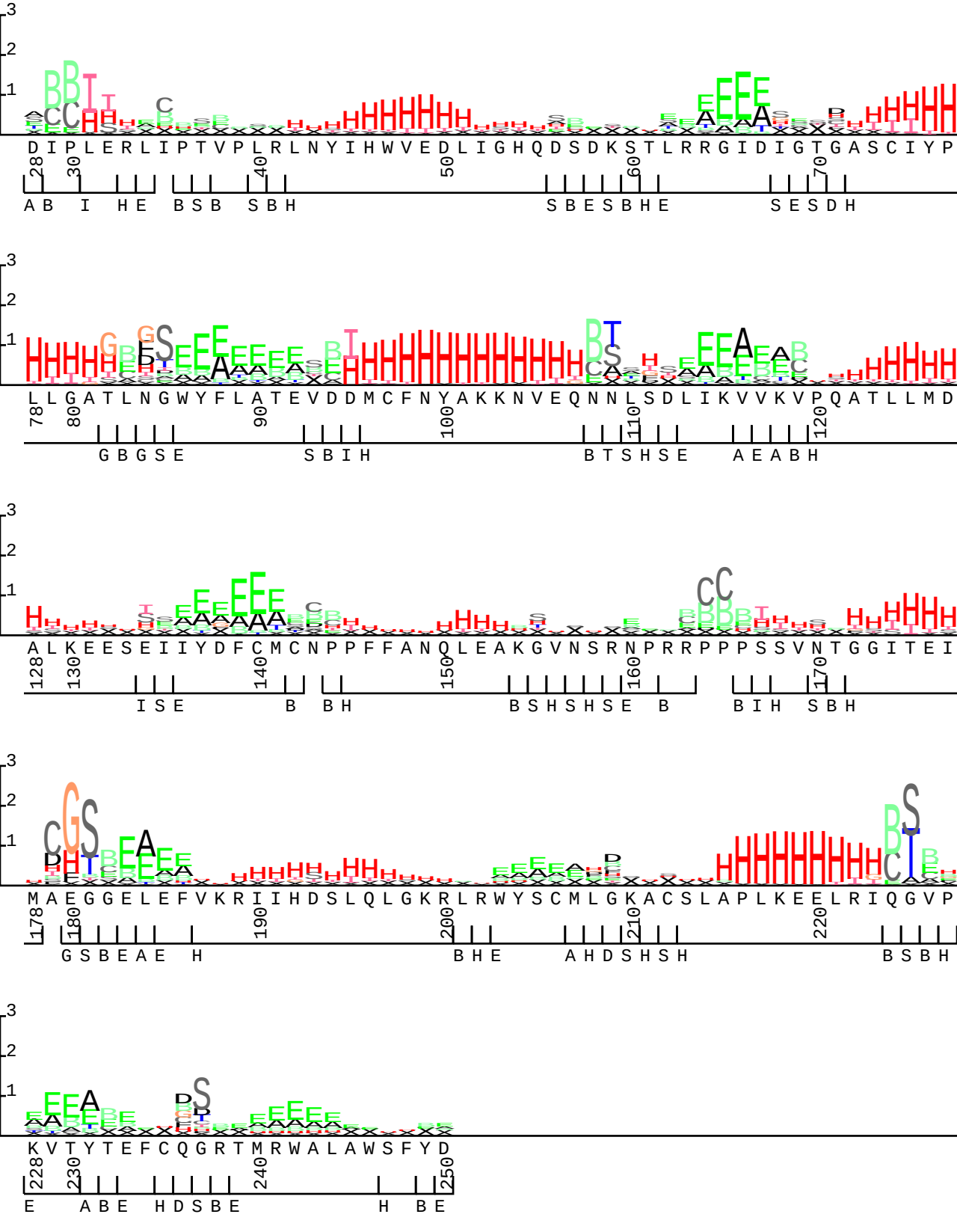T0293.t04 alpha