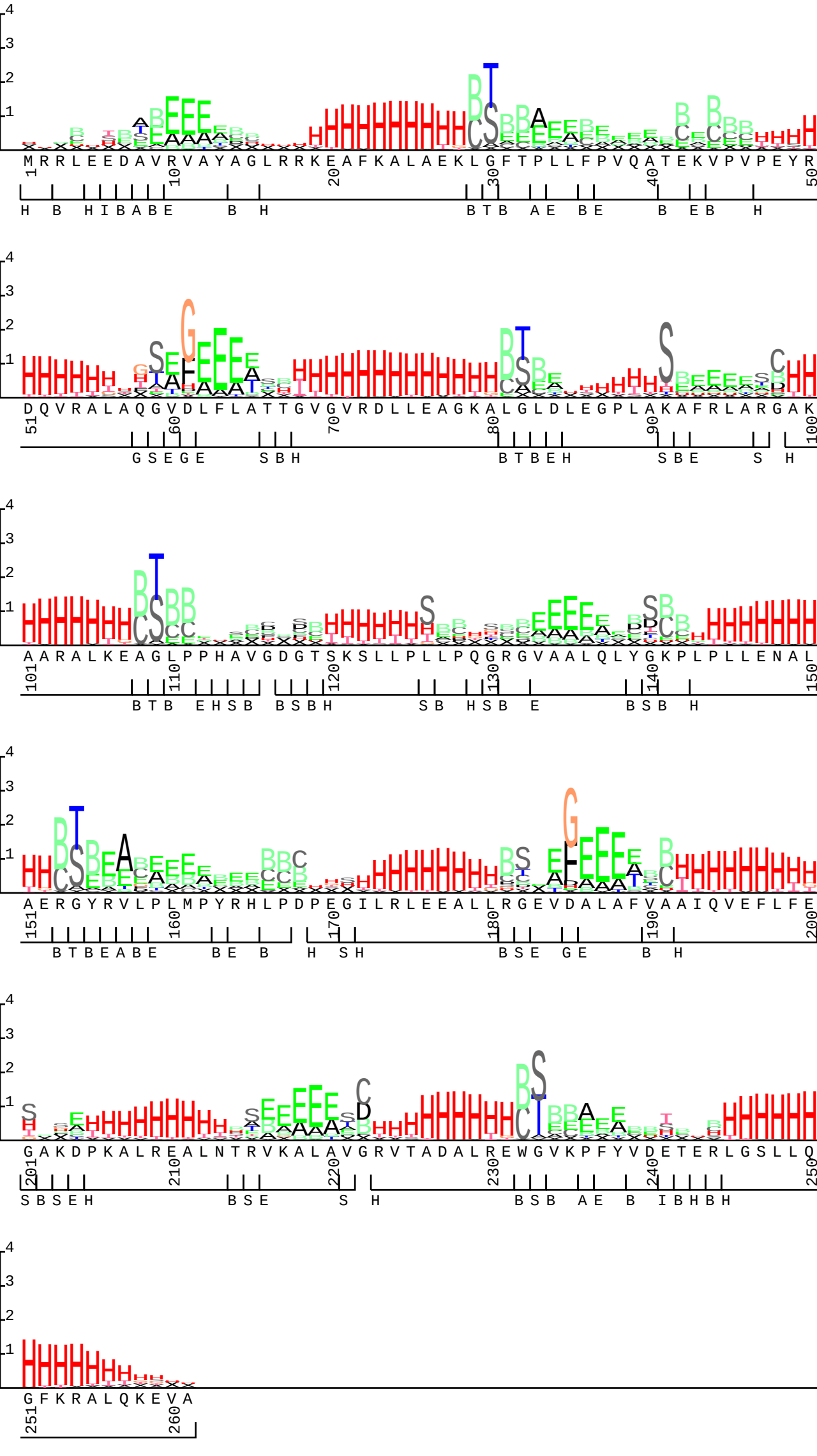T0279.t04 alpha