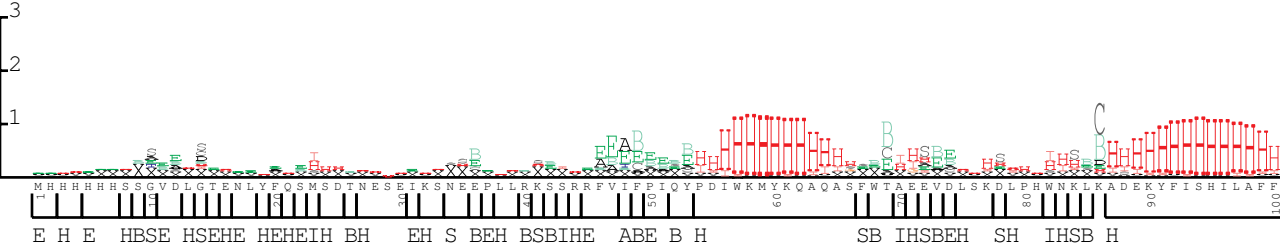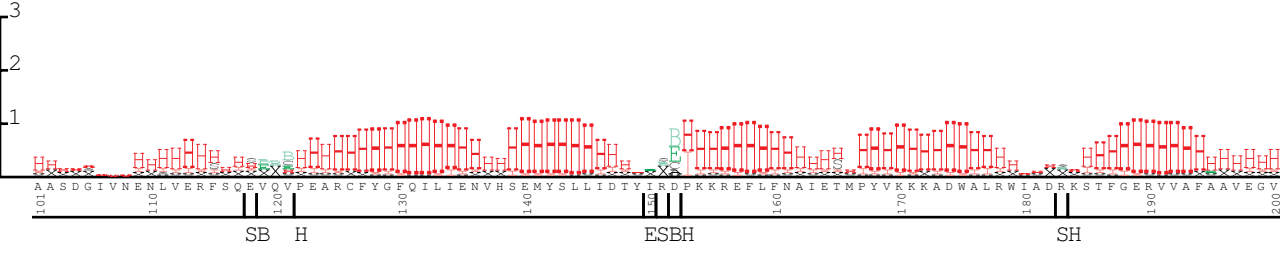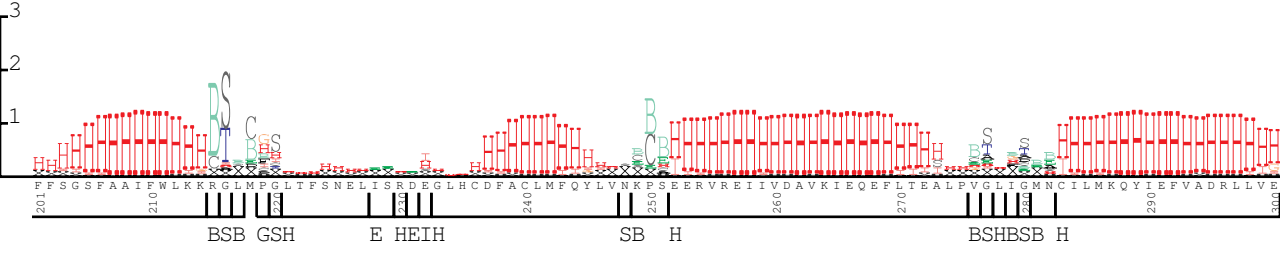T0444.t04 alpha