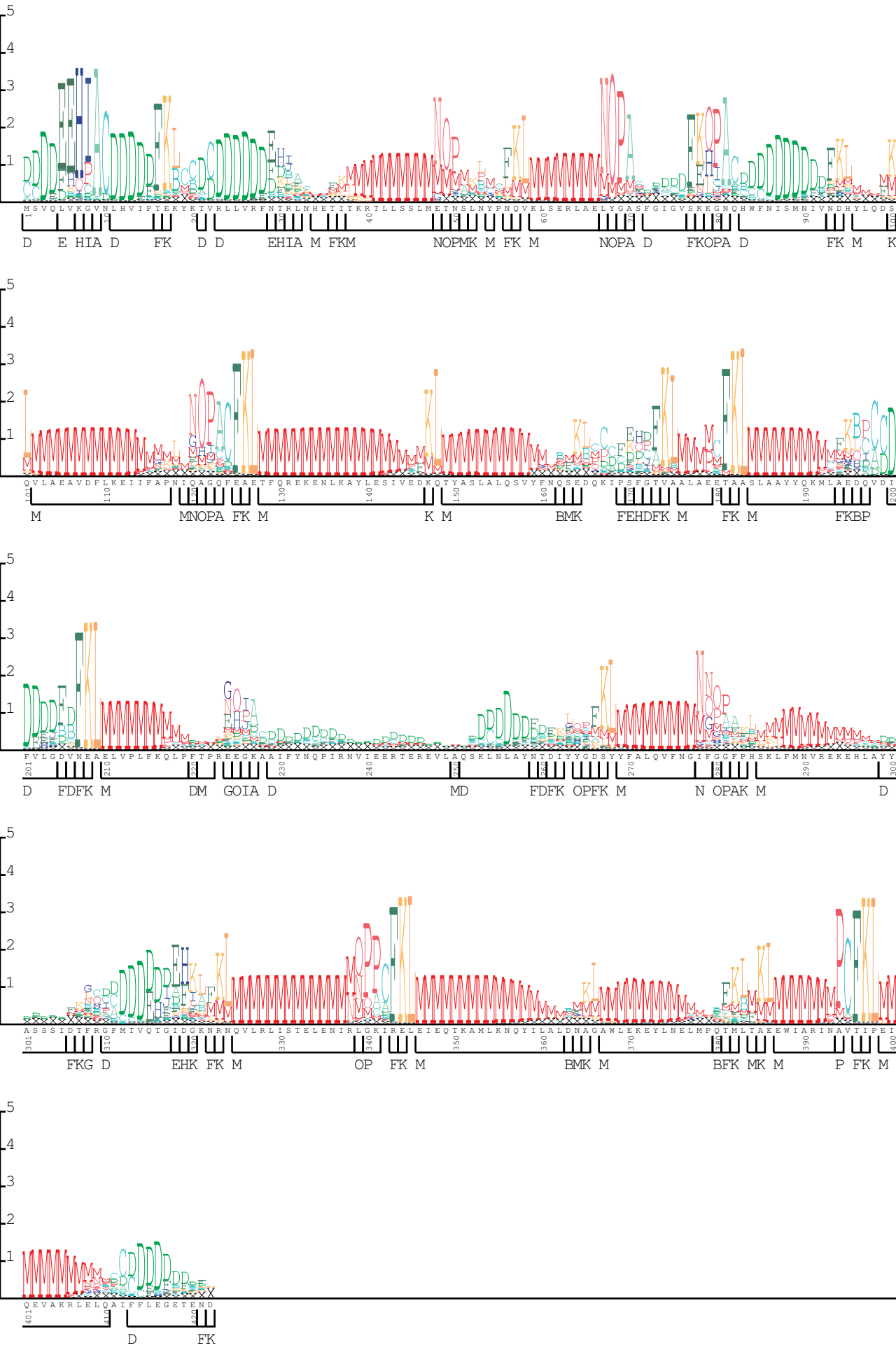T0427.t04 pb