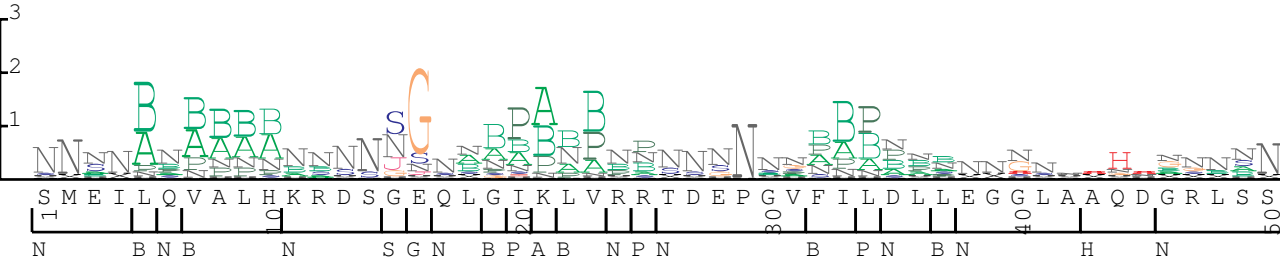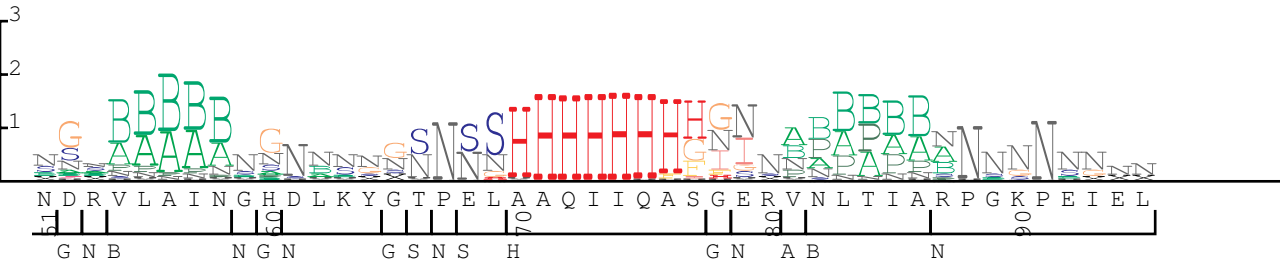TR488.t04 n_notor2