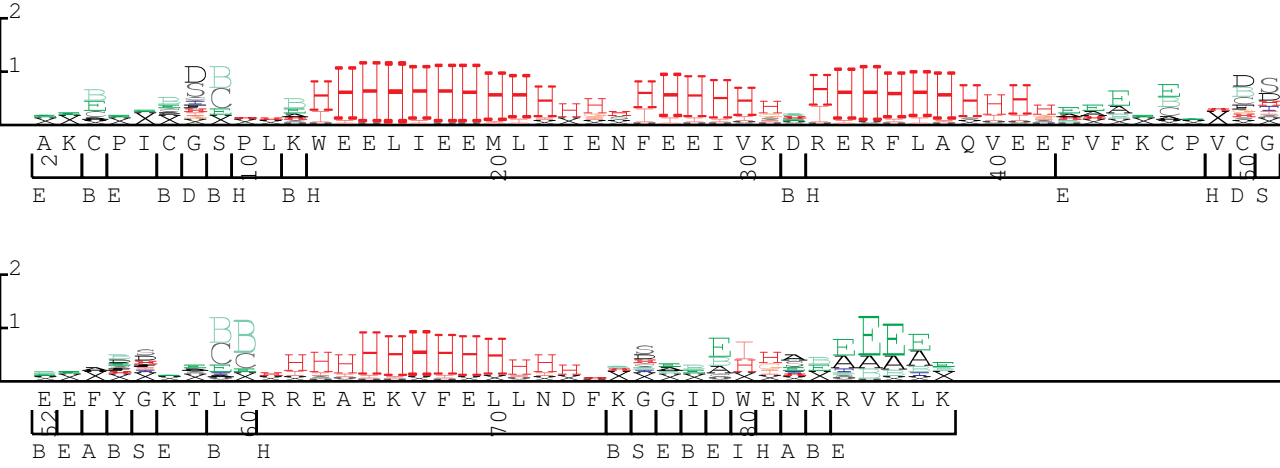TR476.t04 alpha