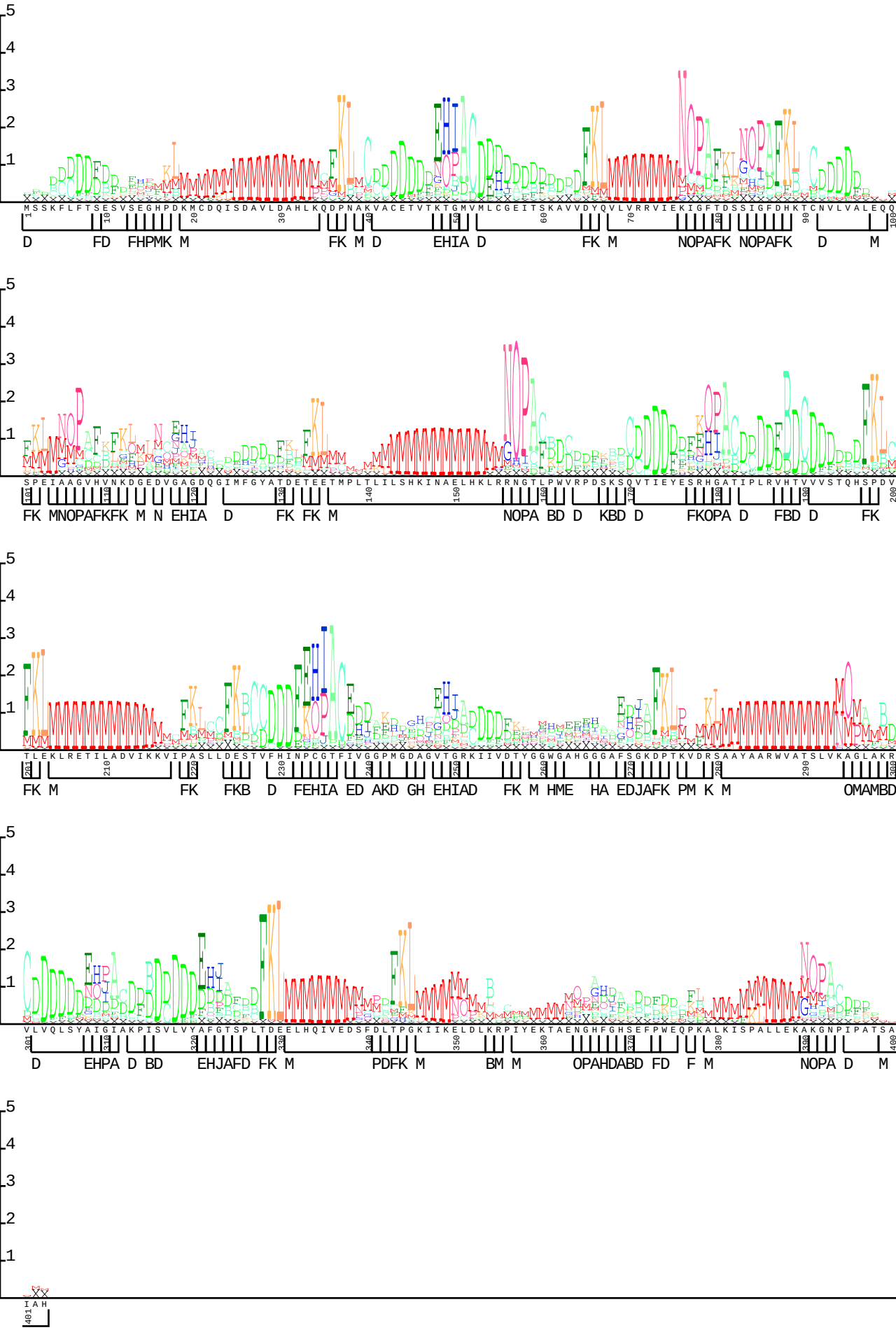NP_510002_1.t06 pb