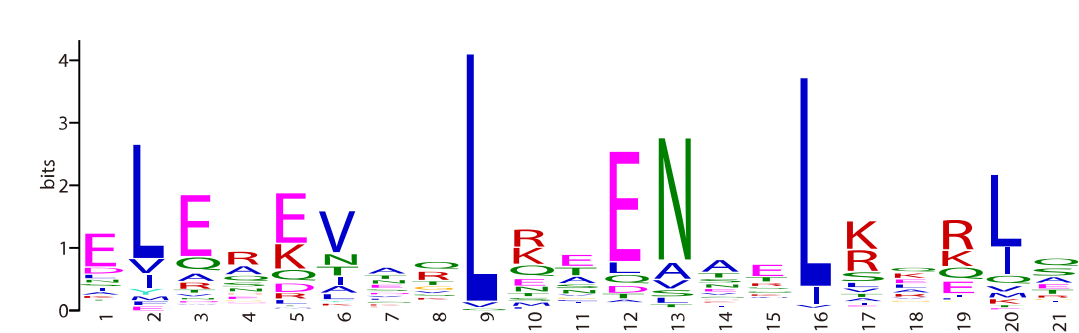


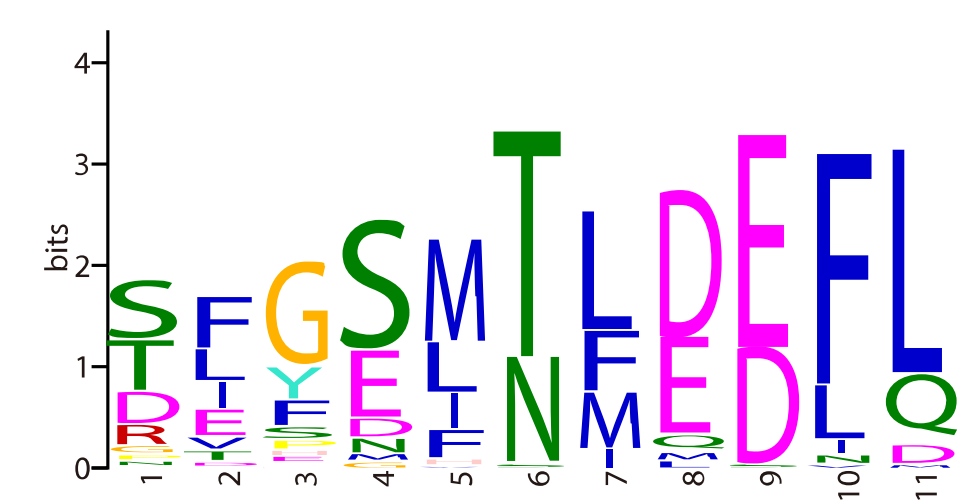
Motif 1: RRQKRMJSNRESAARSERKQAY



Motif 2: ELEREVAQLREENAELKKRLQ



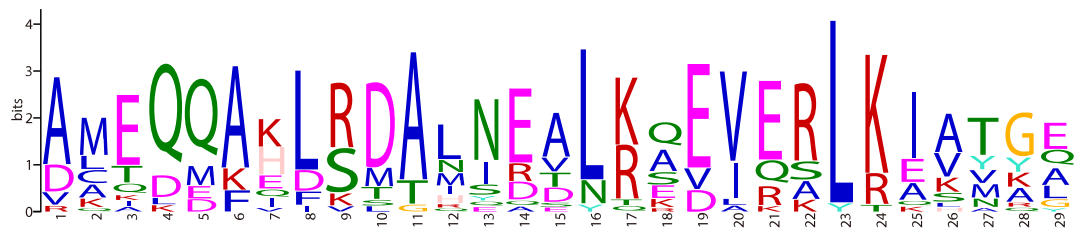
Motif 3: SFGSMTLDEFL



Motif 4: SAGQDESVAPSSSLQRQGSITLPTLSQKTVDEWREIJKQGGGQNPGT



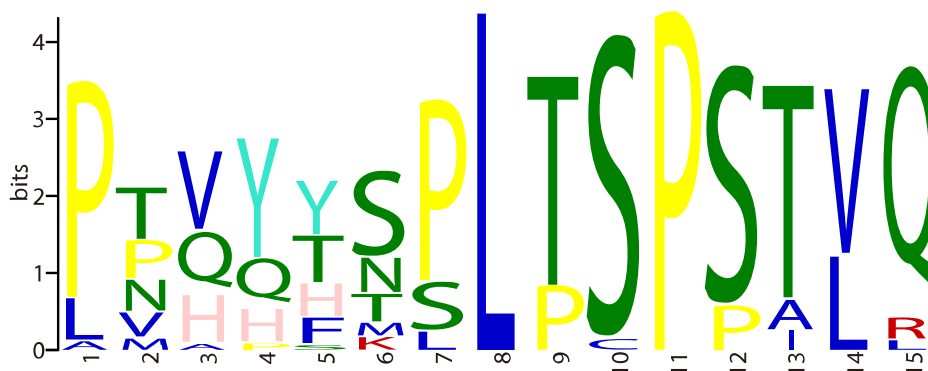
Motif 5: AMEQQAKLRDALNEALKQEVERLKIATGE



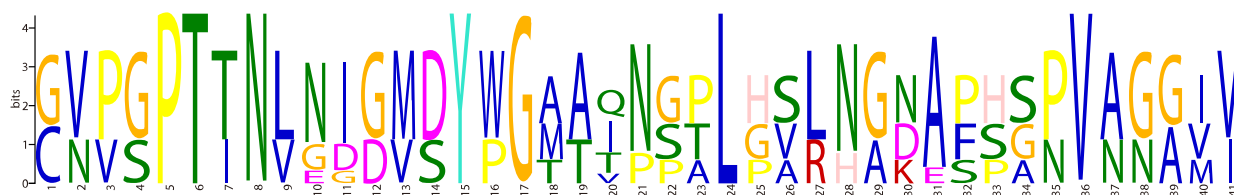
Motif 6: PPGGTPPHTYTPMHPHGFYIS



Motif 7: PTVYYSPLTSPSTVQ



Motif 8: GVPGPTTNLIGMDYWGAANGPLHSLNGBAPHSPVAGGIV



Motif 9: FSPPSPNGPAEASGNTNSSVETDGKLEEGKEKLPJKRSKAS



Motif 10: SSESKKAMAPDKLAEJWLEDP



Figure S1 The 10 conserved motifs were predicted using the MEME website and the letter height of the amino acid residue represents its conservation degree.