

This dot plot displays the frequency of amino acids at each position in a protein sequence. The y-axis lists the 20 amino acids: E, D, R, K, H, Y, F, W, M, I, L, V, Q, N, C, S, T, A, G, and P. The x-axis represents the position in the protein sequence, ranging from 1 to 250. Vertical lines indicate the presence of an amino acid at a specific position. The plot shows a high frequency of certain amino acids at specific positions, such as E and D at the beginning of the sequence, and P at the end.