

Sequence logo for a 12-nucleotide DNA sequence. The top row displays the consensus sequence: GAGGTCAGTGAACCT. The second row shows the relative frequency of each nucleotide (A, C, G, T) at each position, color-coded to match the consensus. The third row shows the background frequencies of the four nucleotides: G is the most frequent (~0.3), followed by C (~0.2), A (~0.15), and T (~0.1).