

Download Shine Dalgarno Consensus Sequence

The Shine-Dalgarno (SD) Sequence is a ribosomal binding site in bacterial and archaeal messenger RNA, generally located around 8 bases upstream of the start codon AUG. The RNA sequence helps recruit the ribosome to the messenger RNA (mRNA) to initiate protein synthesis by aligning the ribosome with the start codon. The Kozak consensus sequence, Kozak consensus or Kozak sequence is a sequence which occurs on eukaryotic mRNA and has the consensus (gcc)gccRccAUGG. Protein synthesis gives a more basic summary and overview of protein synthesis and makes a good starting point for those who are new to this topic. The ribosome binding site in bacterial RNA Consensus sequence found in the bacterial 5' untranslated region of mRNA