

ATGpr: Assessing protein coding region integrity

(A program for identifying the translational initiation codons in cDNA sequences)

A. A. Salamov, T. Nishikawa, M. B. Swindells, *Bioinformatics*, 14: 384-390 (1998)

“ATGpr”



- predicts whether an initiation codon is present in a piece of cDNA.
- predicts which ATG is the initiation codon.

Based on...

{ Presence of upstream ATG/STOP
UTR length
ORF length
Presence of signal peptide
Triplet frequency around ATG
Hexanucleotide difference in 5'UTR and CDS

