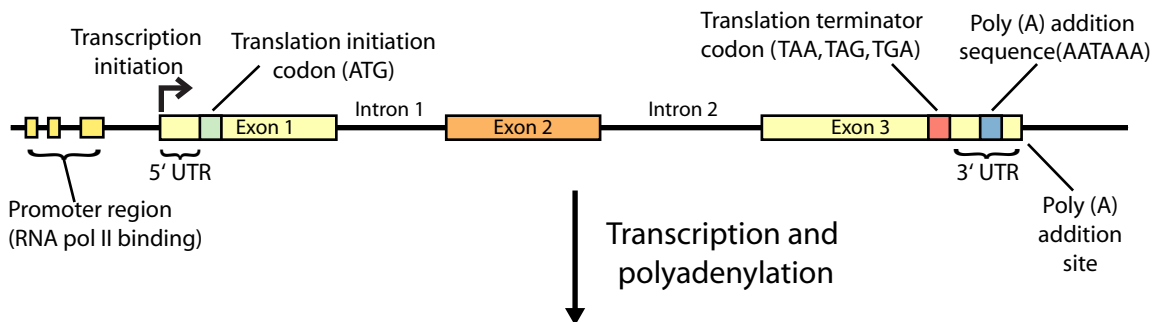
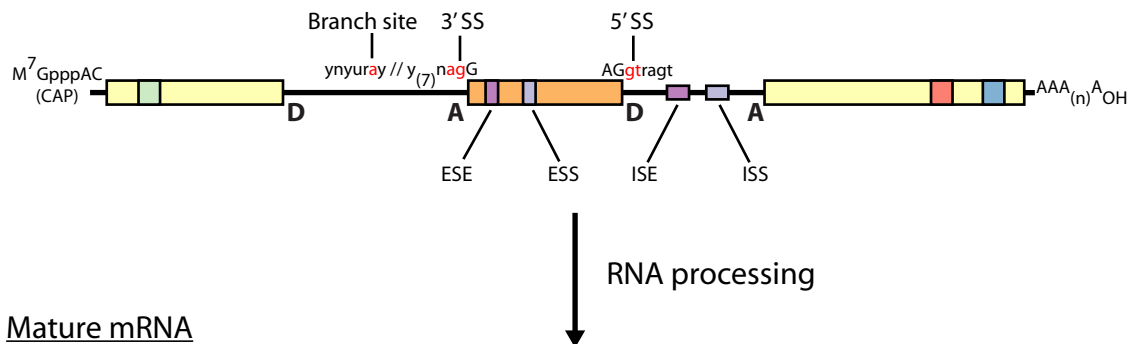


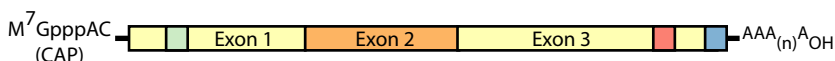
## Double-stranded genomic DNA template



## Single-stranded pre-mRNA (nuclear RNA)



## Mature mRNA



Export to cytoplasm and translation

## Protein (amino acid sequence)



Folding, posttranslational modification, subcellular localization, etc.

