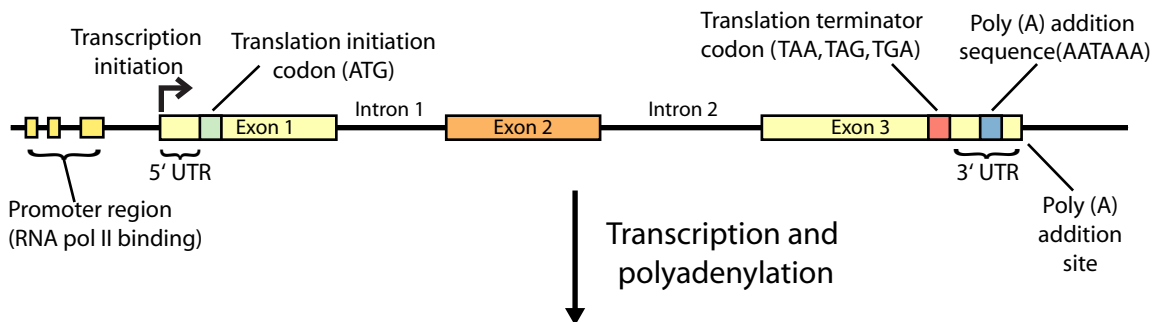
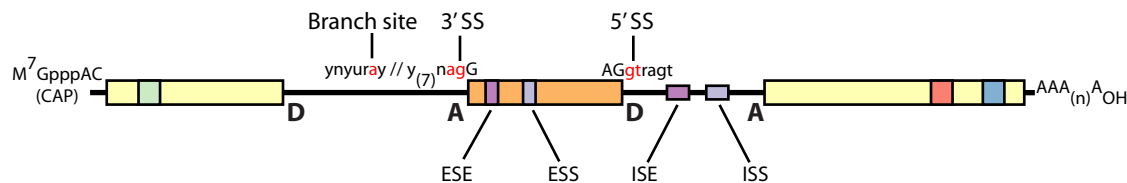


Double-stranded genomic DNA template

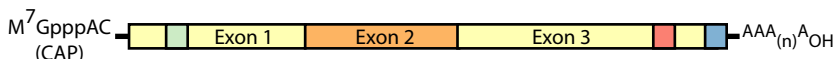


Single-stranded pre-mRNA (nuclear RNA)



RNA processing

Mature mRNA



Export to cytoplasm and translation

Protein (amino acid sequence)



Folding, posttranslational modification, subcellular localization, etc.

