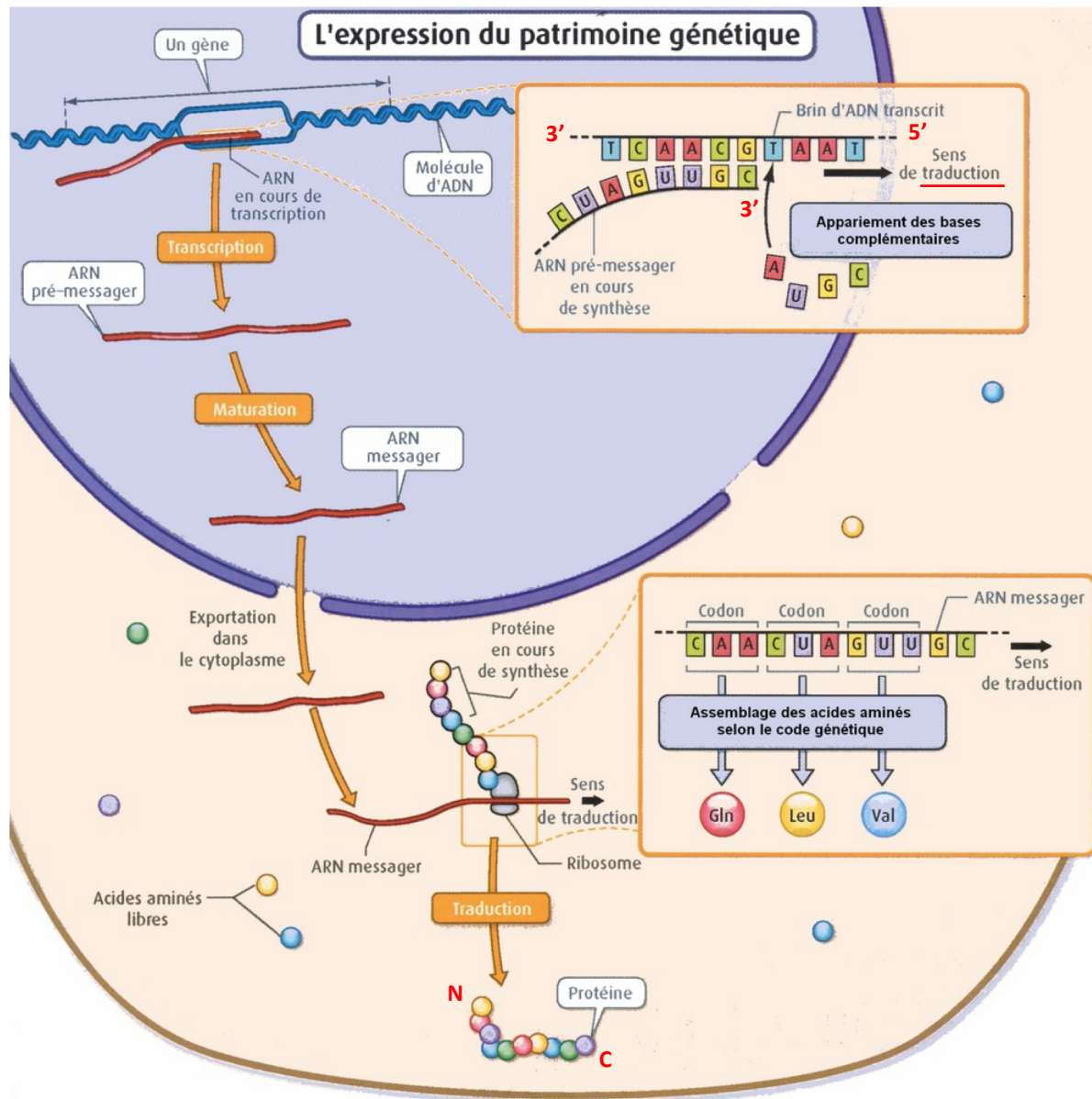




Dans le noyau :

- **transcription**
- **maturation**

Export vers le cytoplasme

Dans le cytosol :

- **traduction**

All eucaryotes have 3 RNA polymerases.

A protein family



RNApol I

28S rRNA

18S rRNA

5.8S rRNA

RNApol II

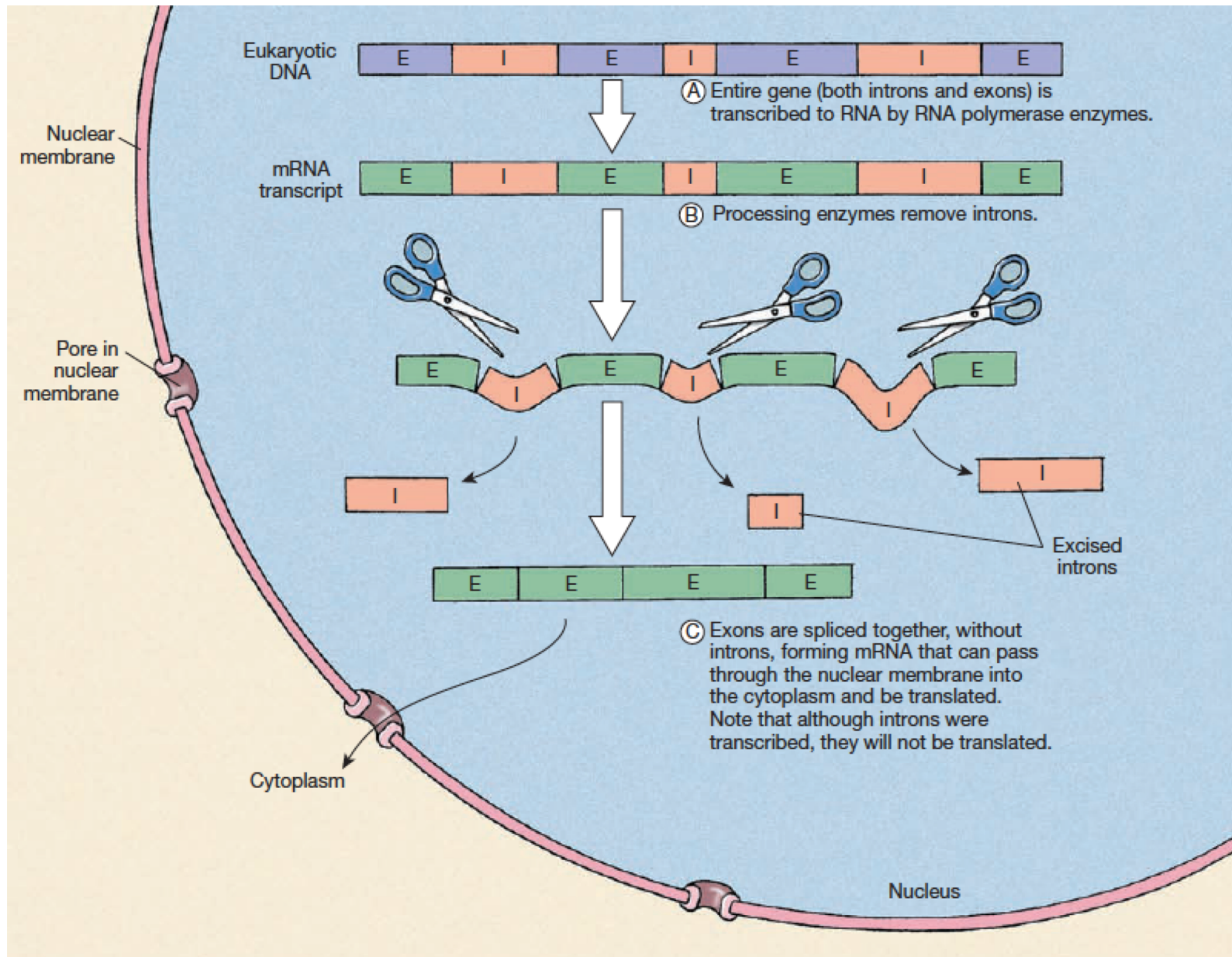
mRNA

Only RNApol II has a
C - Terminal Domaine (CTD)

RNApol III

5S rRNA

tRNA

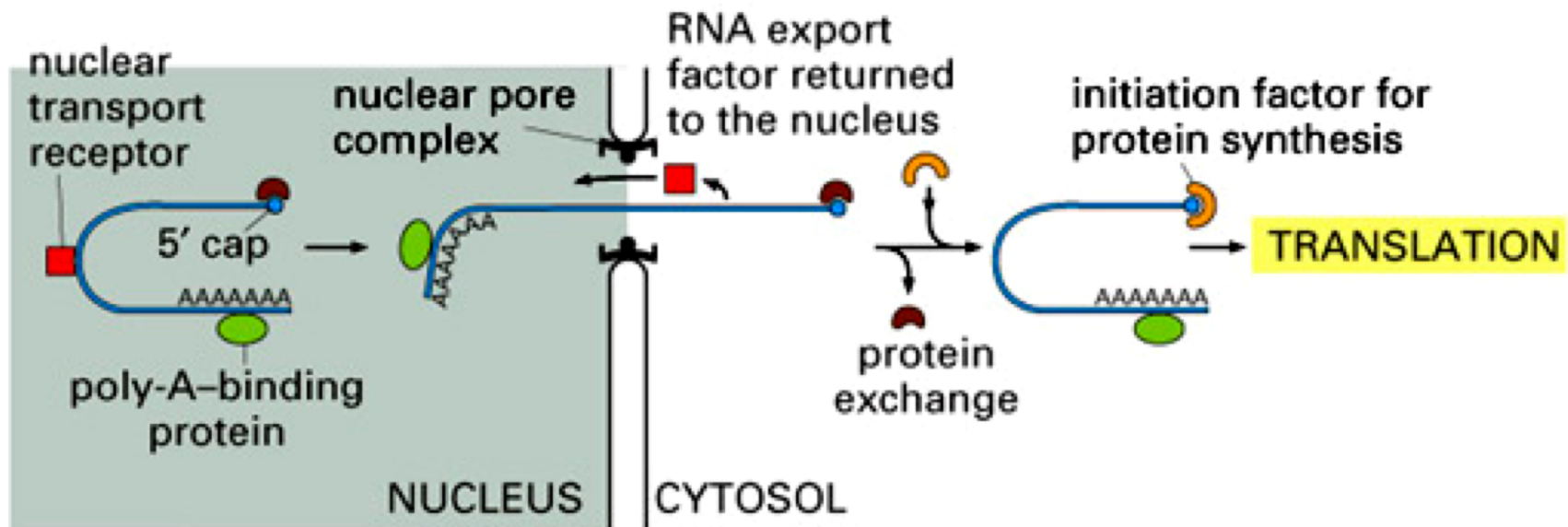


E = exon
I = intron

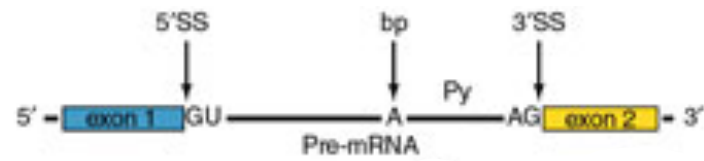
épissage

mRNA nuclear export

a complex process



Only fully spliced RNA are exported



splicing

épissage



