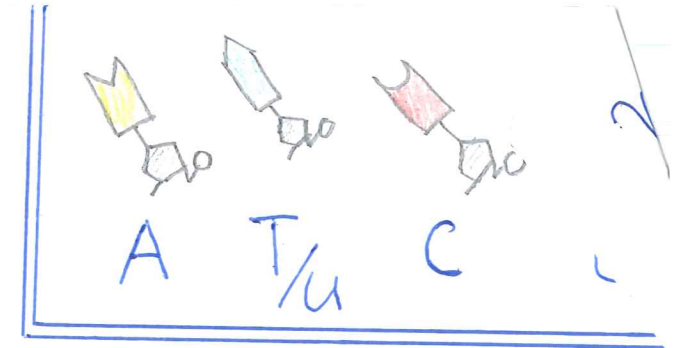
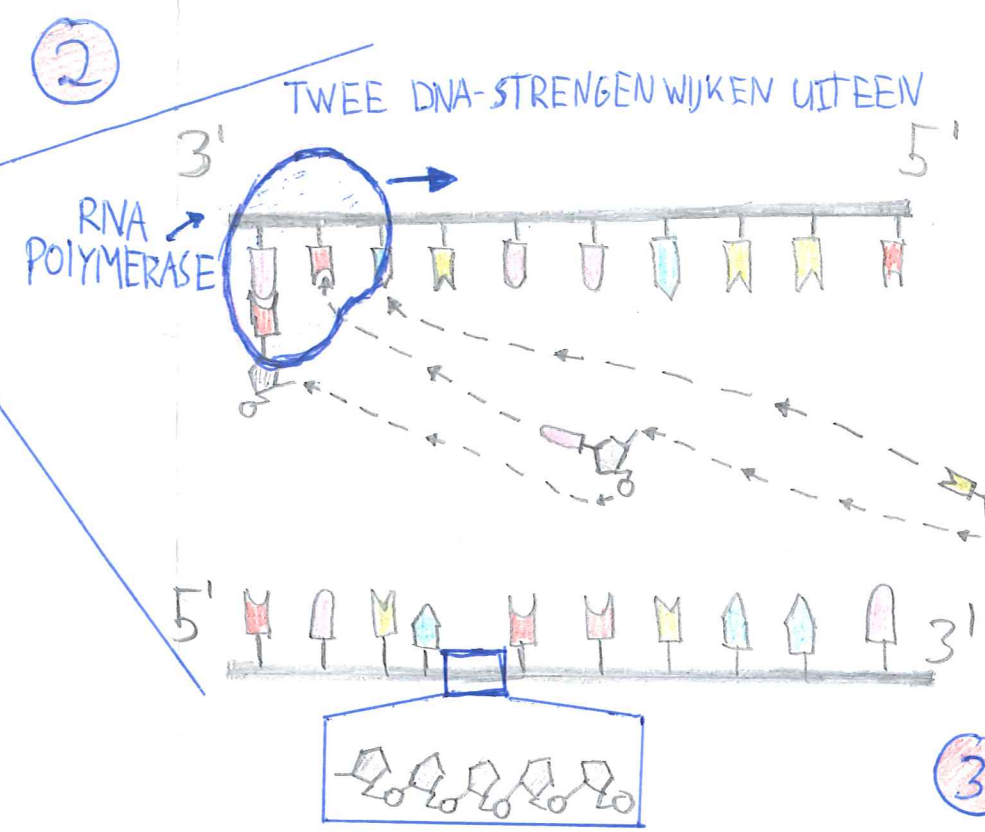
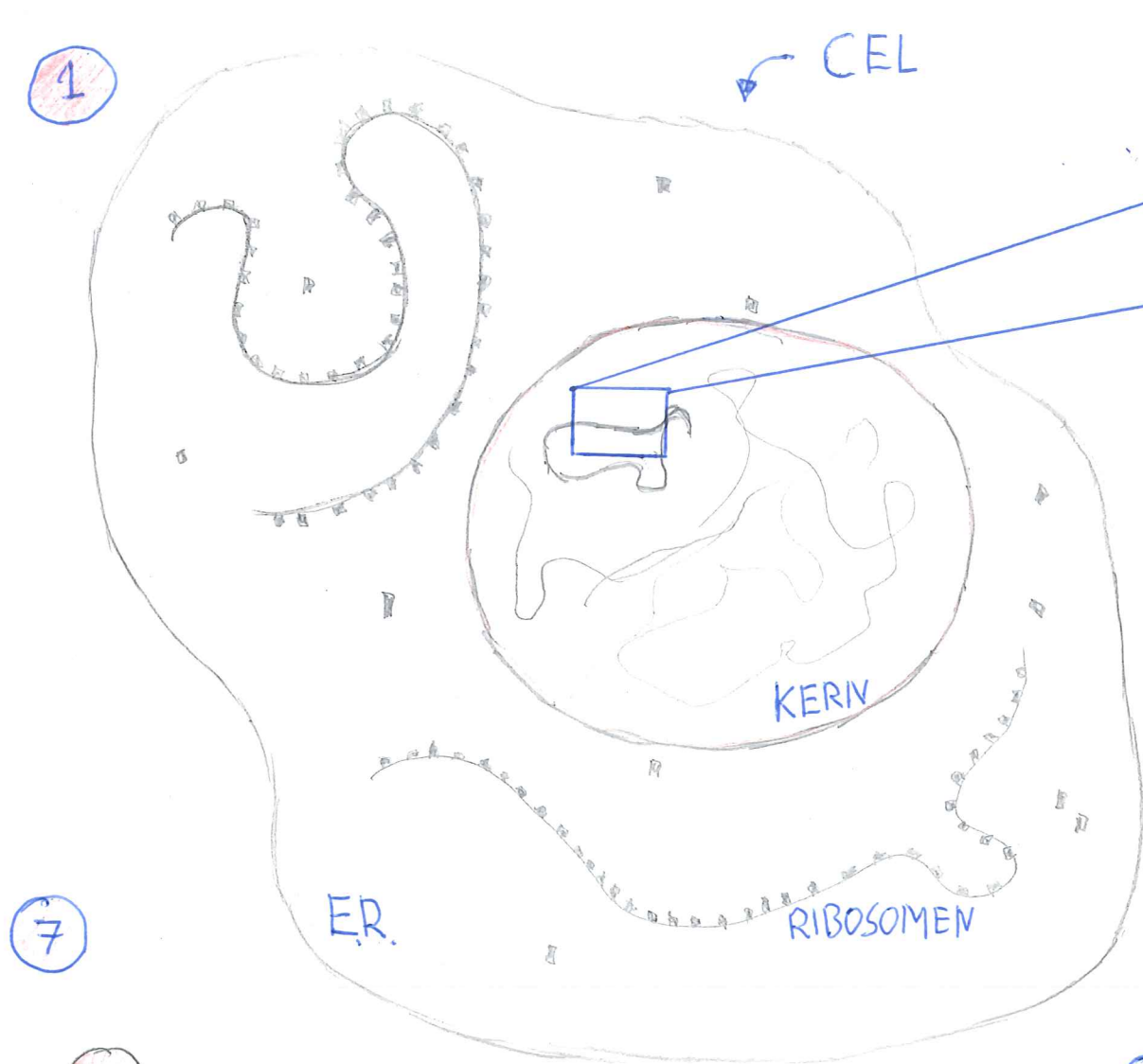
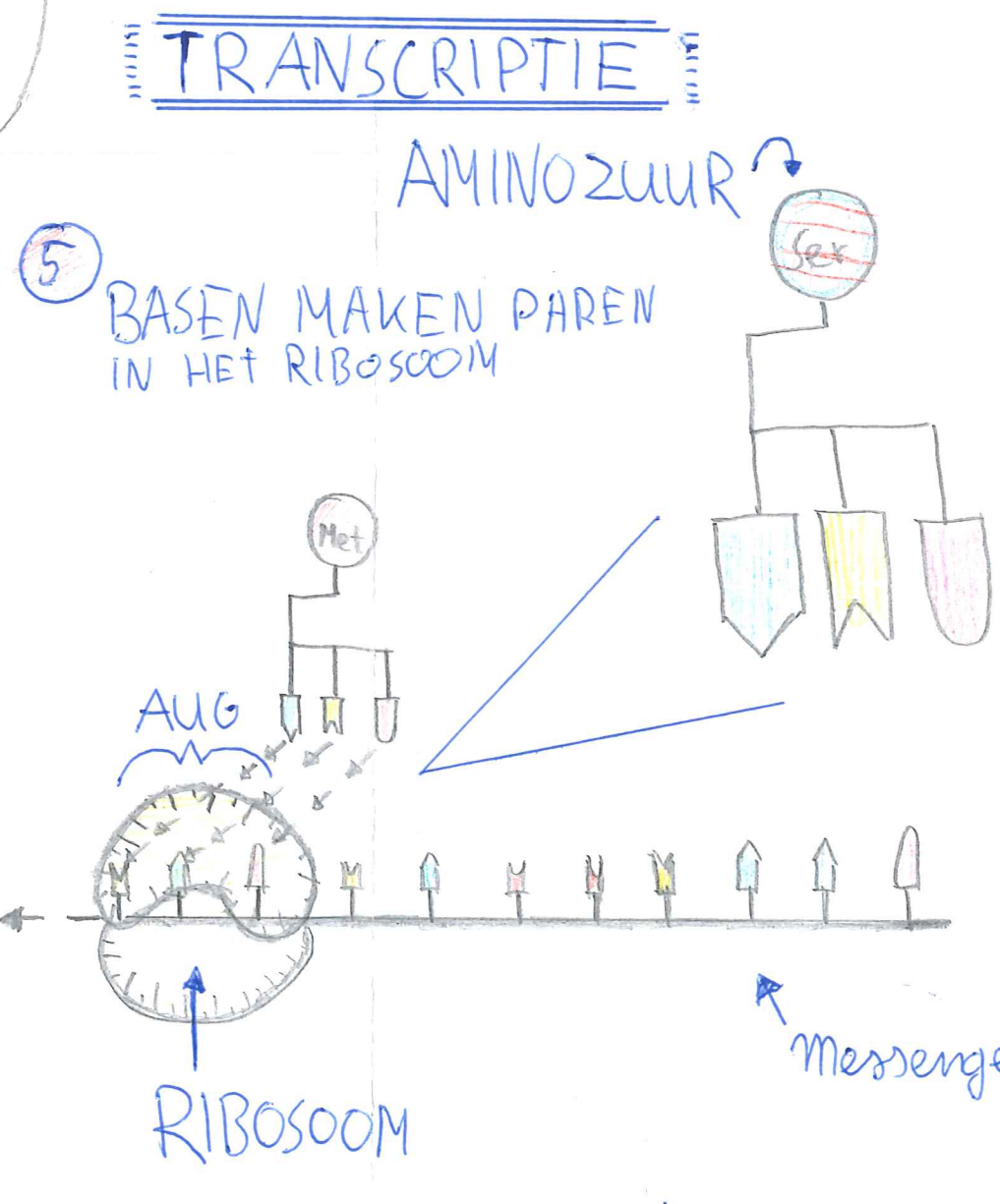
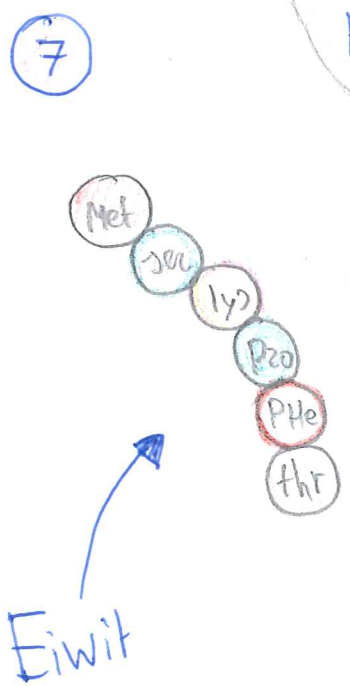
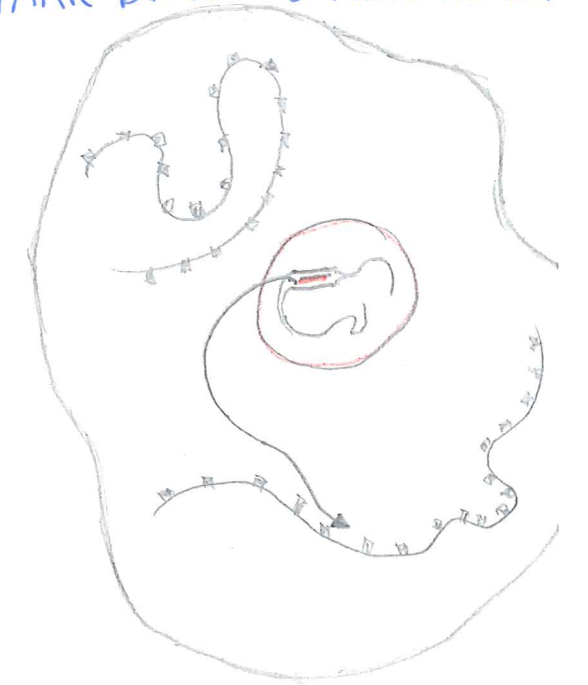




- RNA WORDT OPGEBOUWD UIT NUCLEOTIDEN UIT HET KERNPLAS.
- RNA BEVAT EEN U-BASE IPV. EEN T-

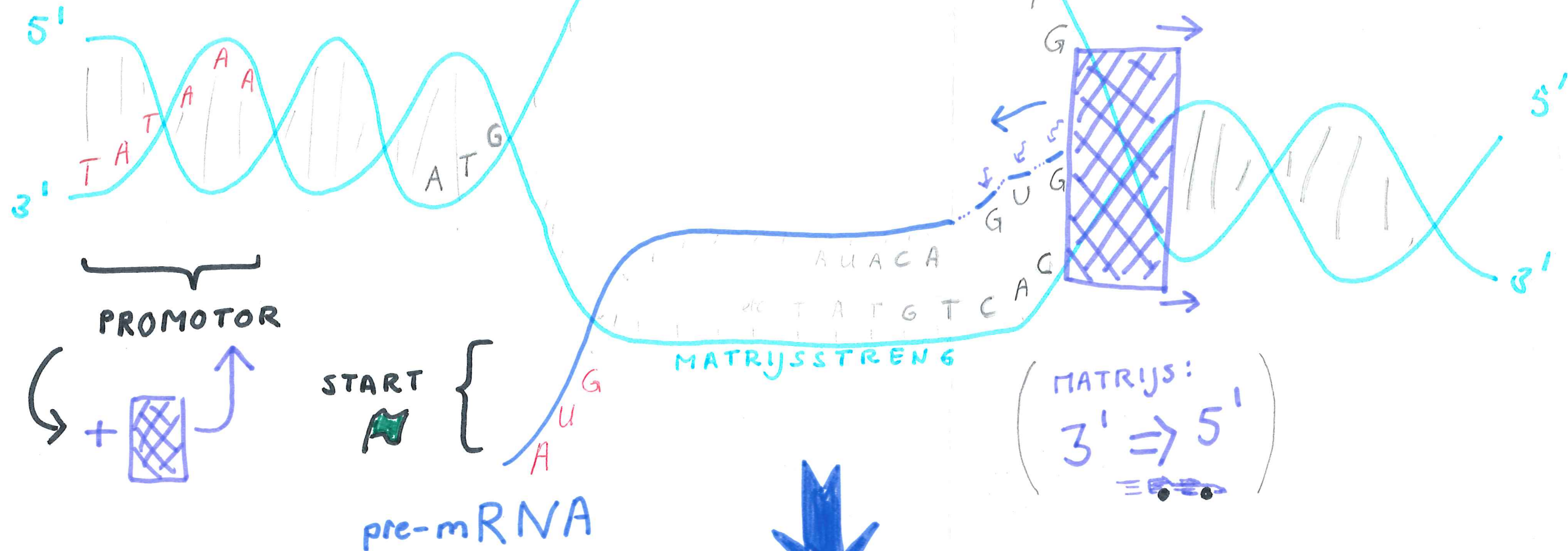


- 3 m-RNA IS EEN KOPIE VAN DE 5'-STRENG
- CGA UCC AUG
- sommige stukjes bevatten wel informatie (exonen)
 - sommige stukjes bevatten geen informatie (intronen)
- 4 m-RNA GAAT UIT DE KERN NAAR DE RIBOSOMEN IN HET

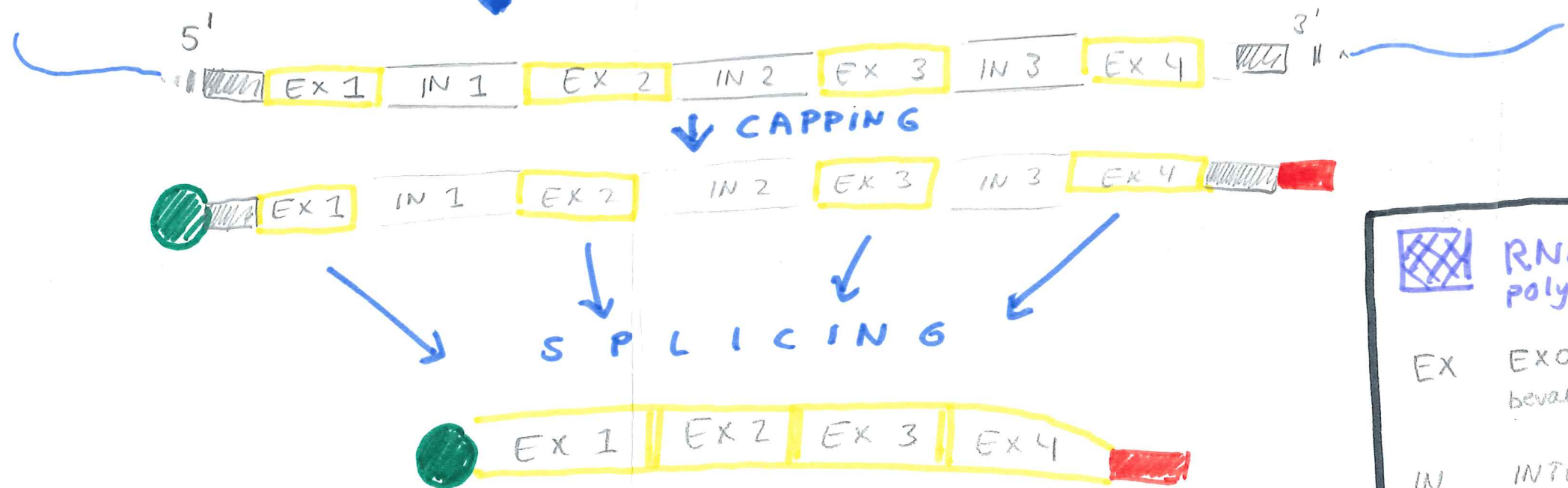
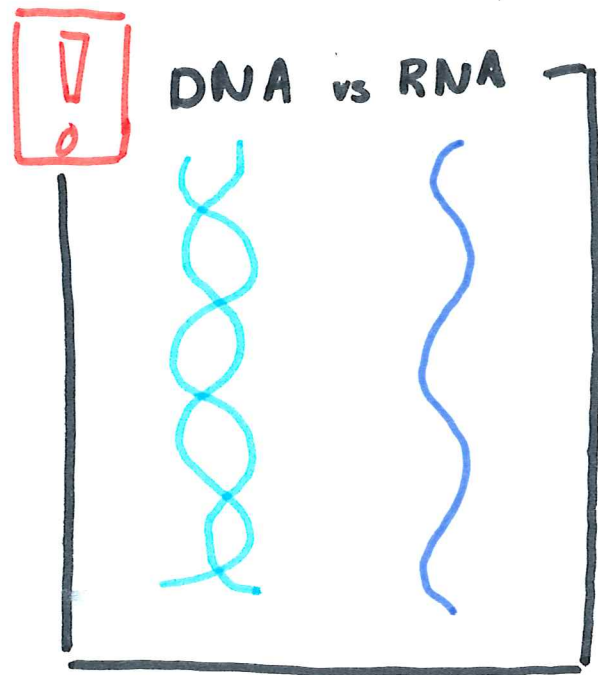


TRANSCRIPTIE

DNA



! DNA $\rightarrow$ RNA
T $\rightarrow$ U



LEGENDA

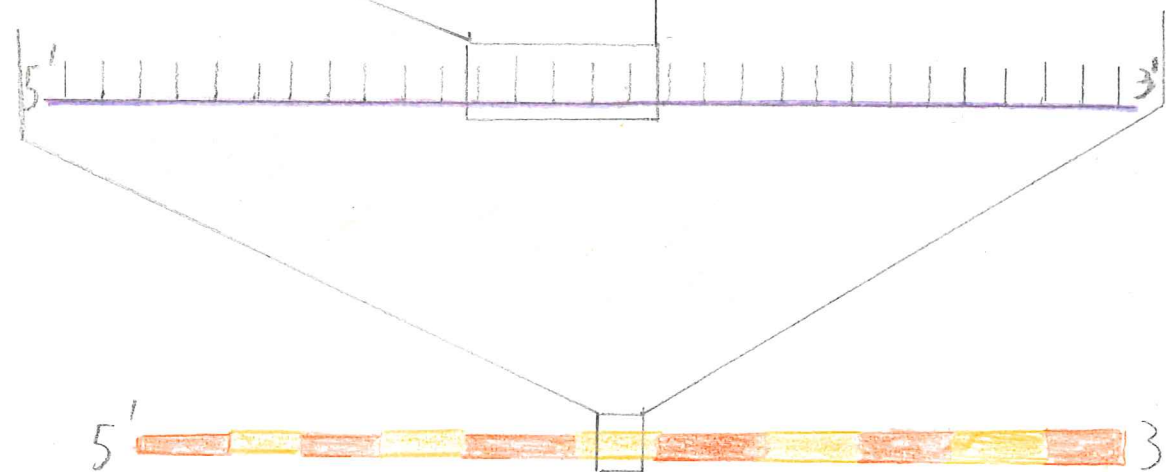
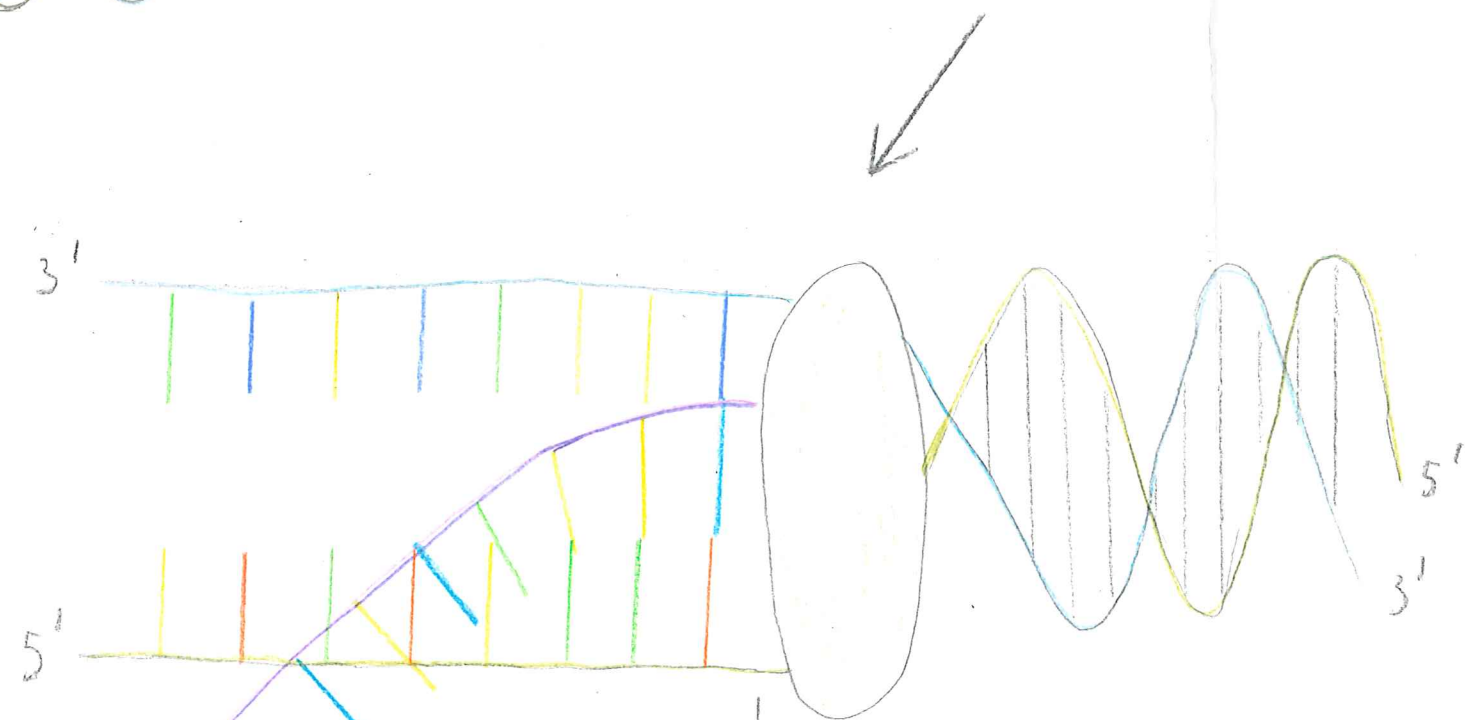
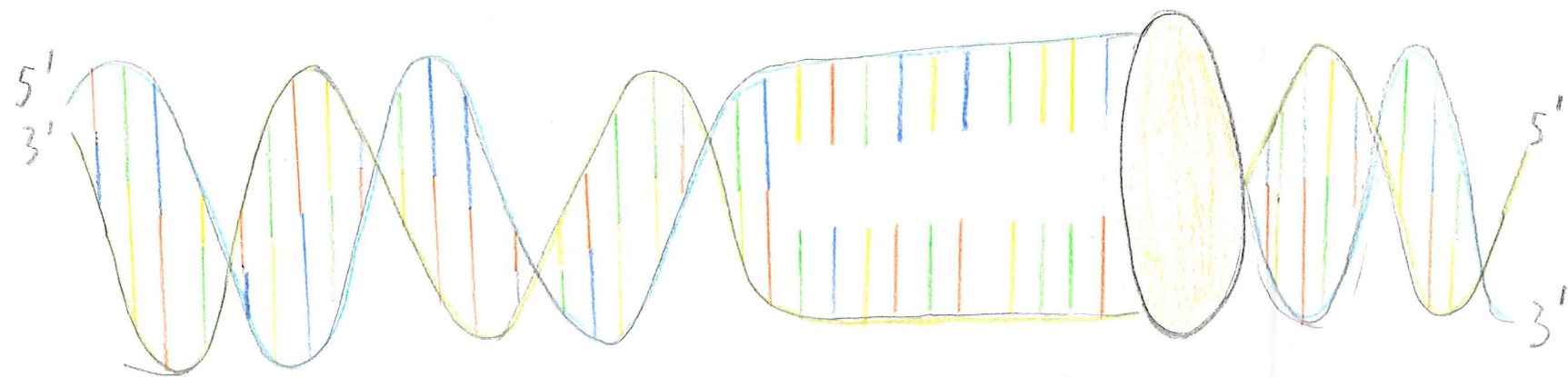
RNA polymerase

EX EXON
bevat belangrijke info

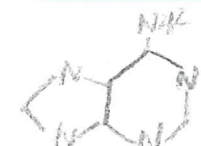
IN INTRON
bevat geen belangrijke info

5' CAP

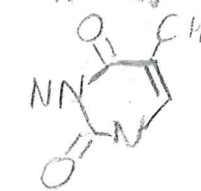
Transcriptie van DNA naar RNA



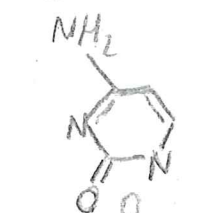
Adenine (A)



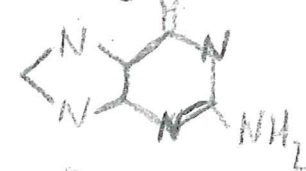
Thymine (T)



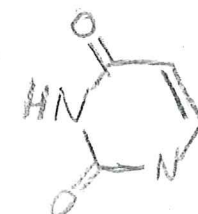
Cytosine (C)



Guanine (G)



Uracil (U)



exon

intron

pre-mRNA

mRNA