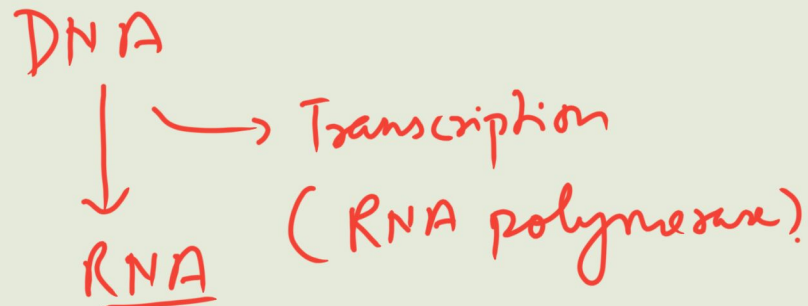
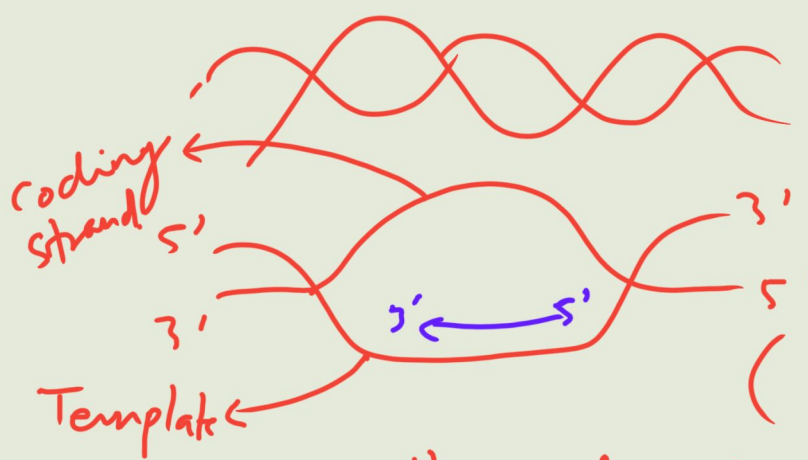
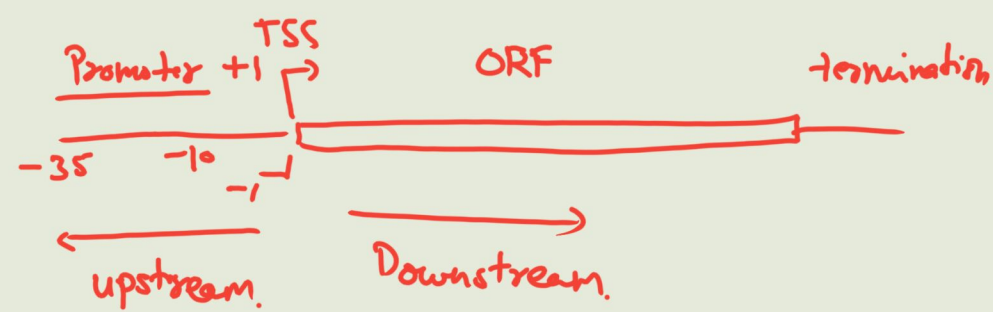


Transcription

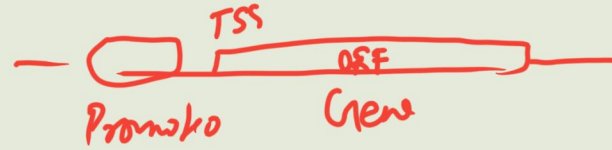


Transcription unit

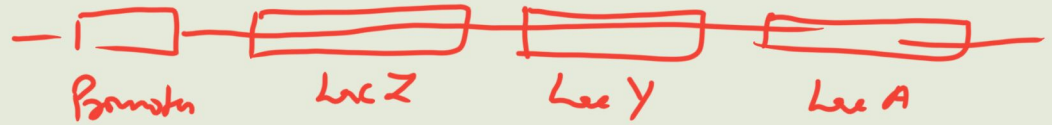
- dinucleotides
- Primer independent
- Unidirectional



I) Monocistronic



II) Polycistronic



Prokaryotic Transcription

RNA polymerase → 5' → 3' polymerase activity

↳ σ subunit → assemble the polymerase

Transcription regulation ← $\alpha^2 \beta \beta' \omega \sigma$ → Promoter recognition

$\alpha \beta \beta'$
Catalytic core

1) Initiation

