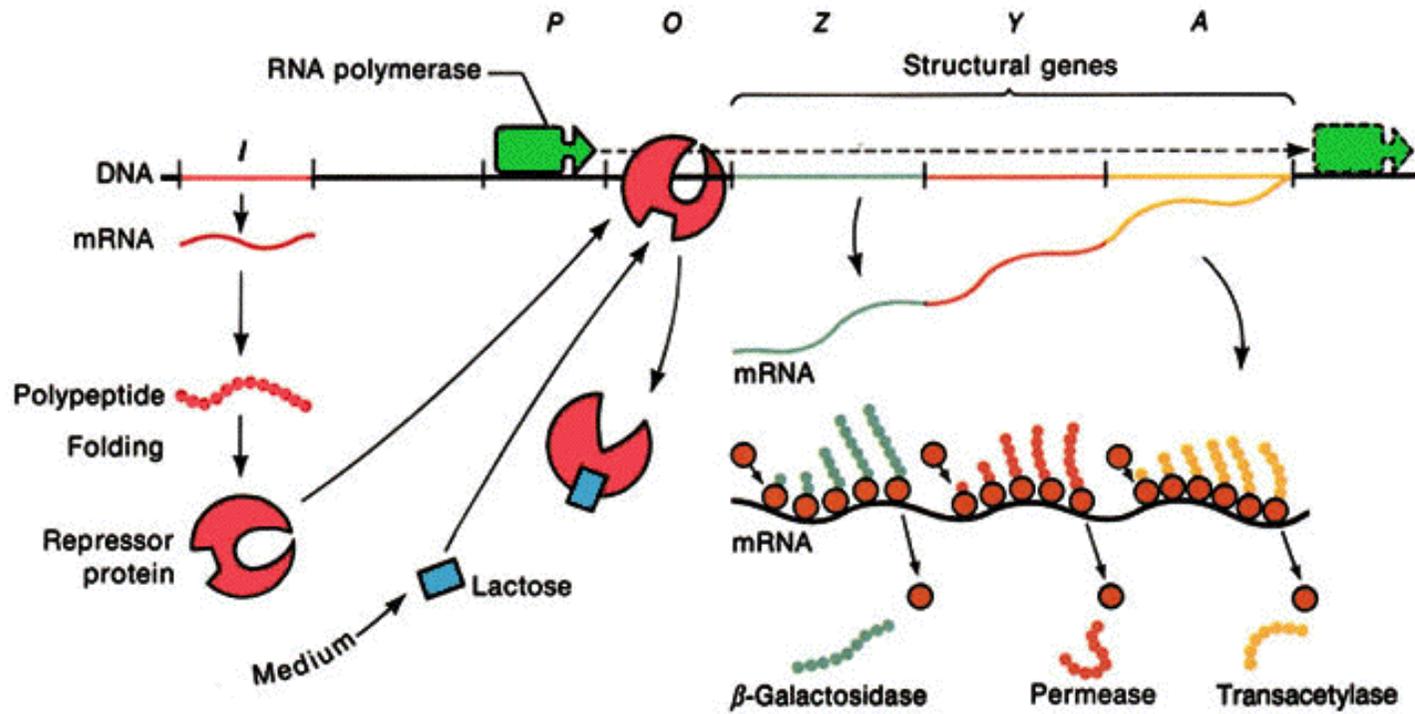
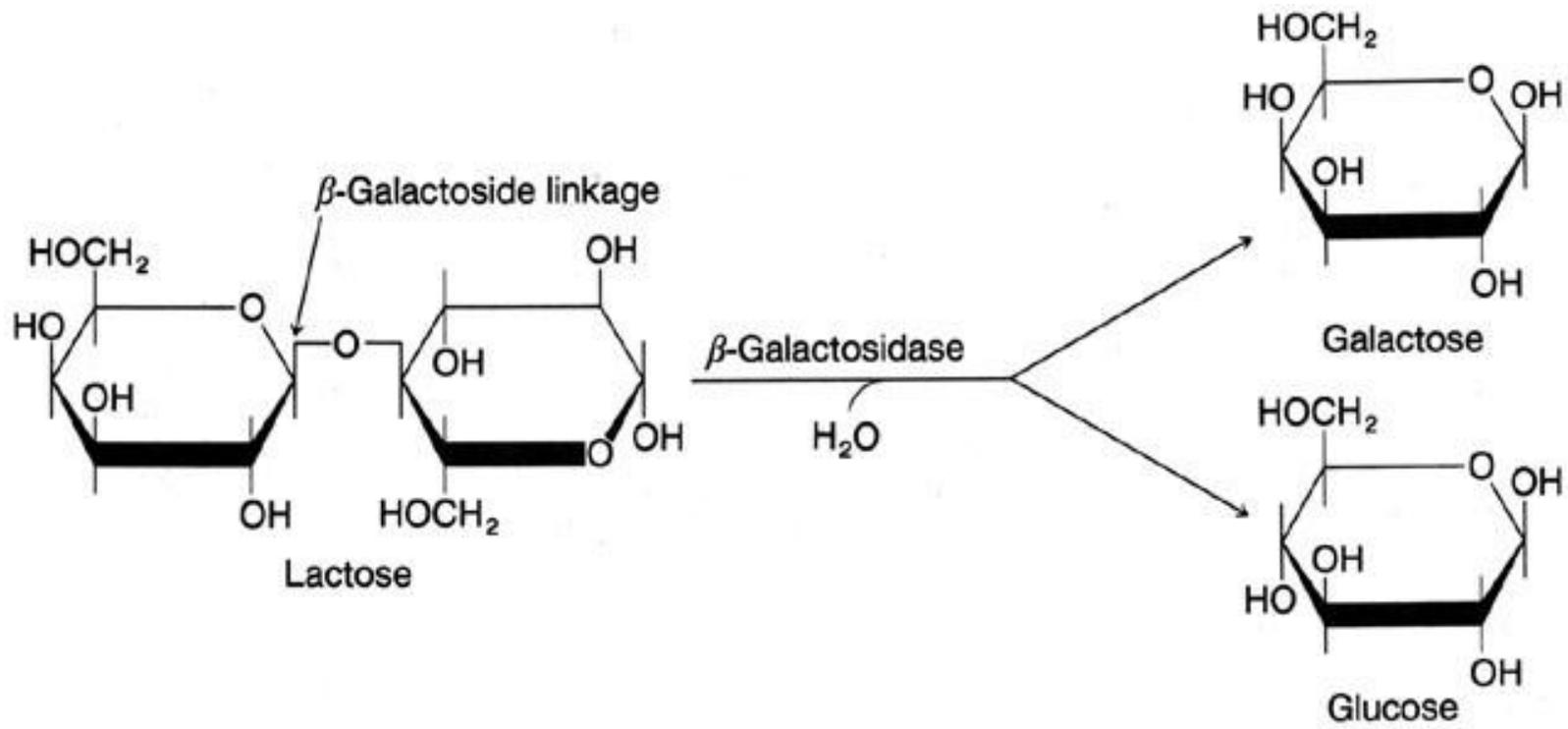
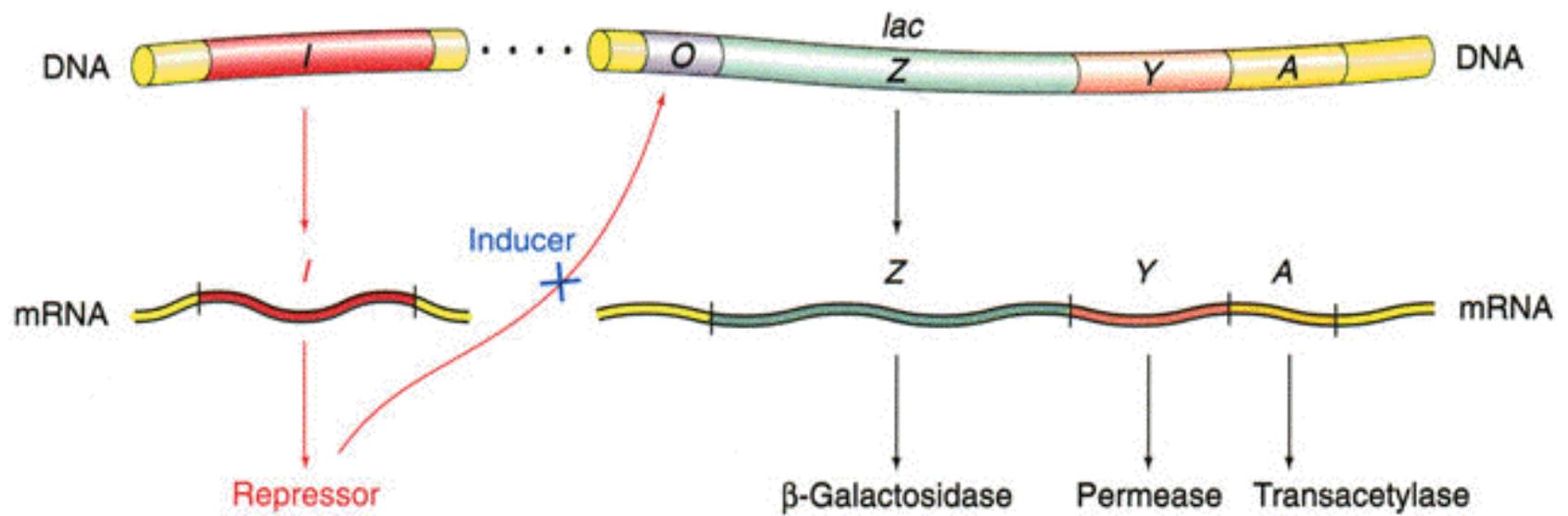


## Controle da expressão gênica em procariontes

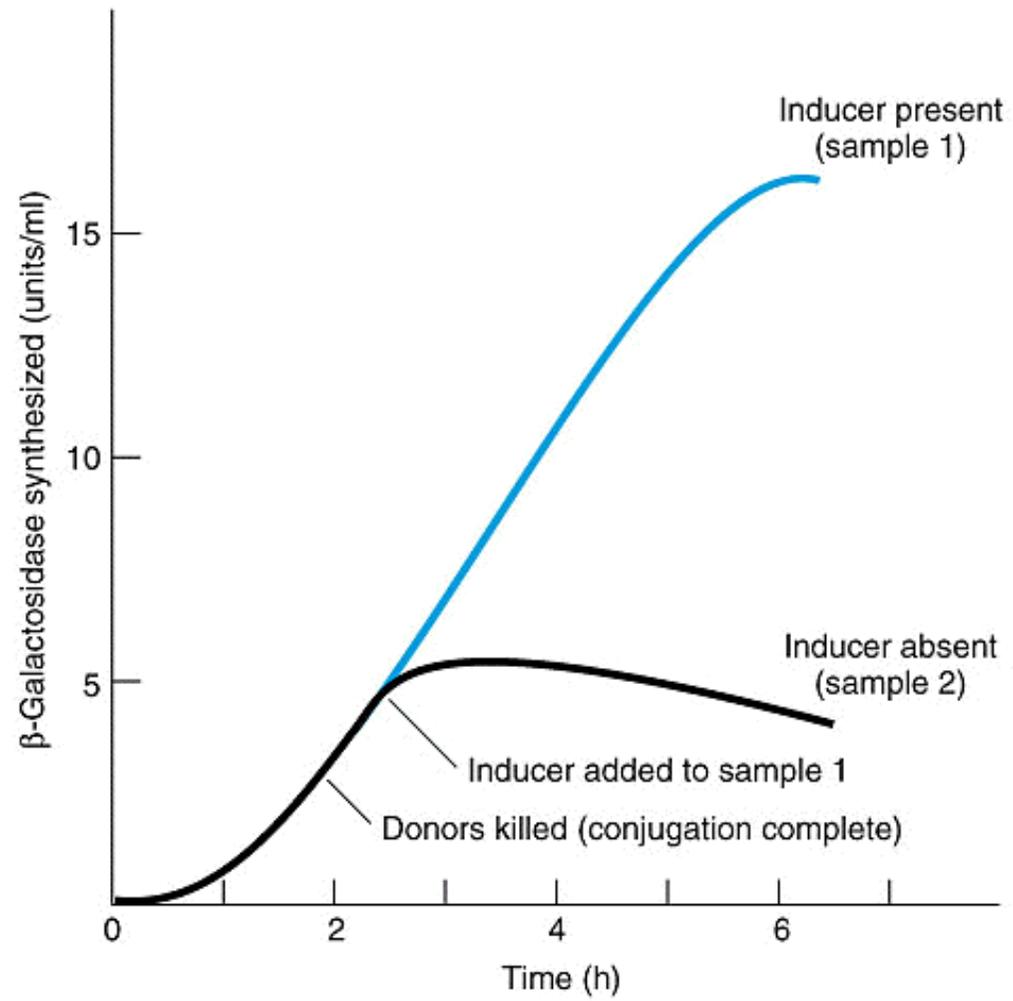
### OPERON LAC

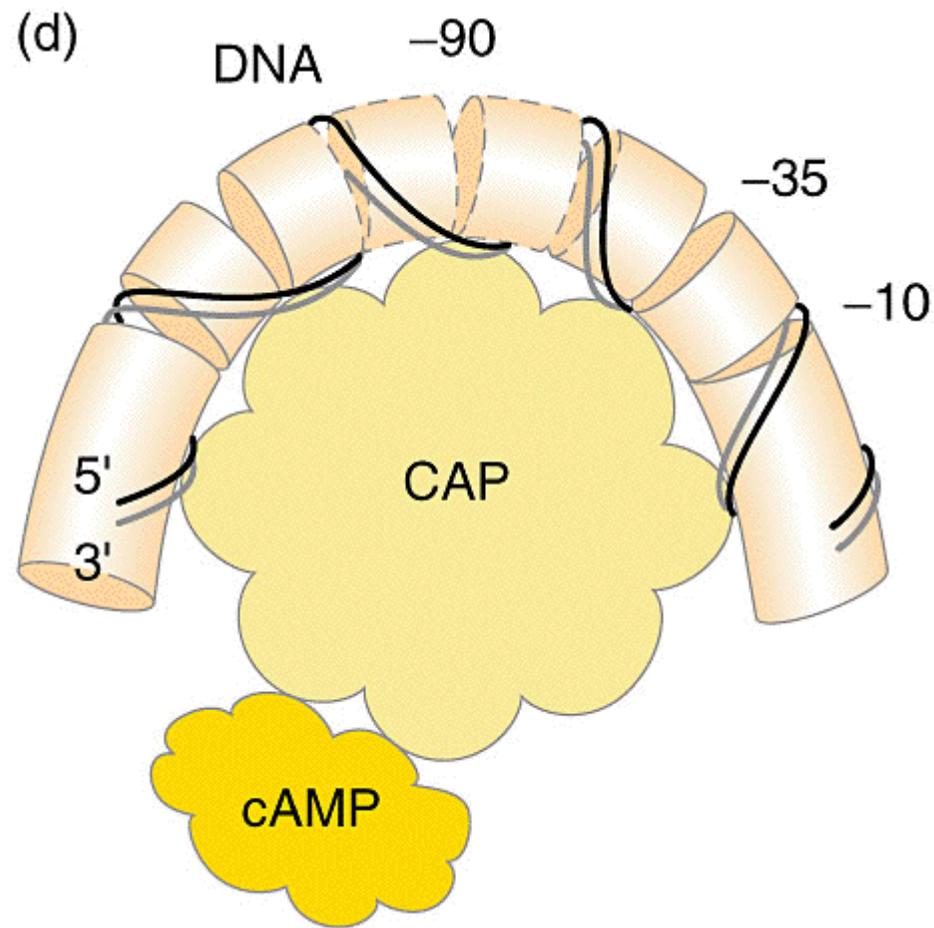


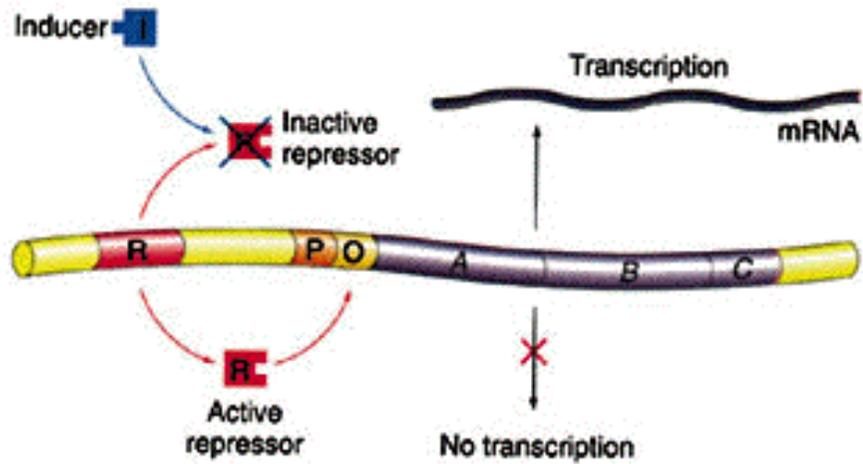




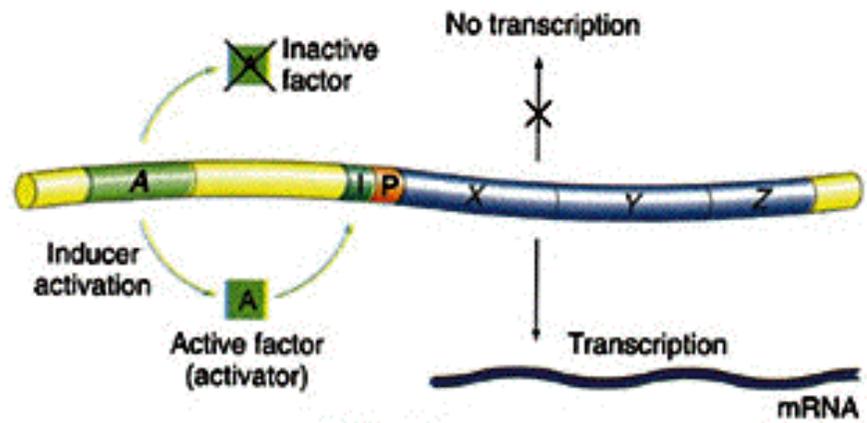




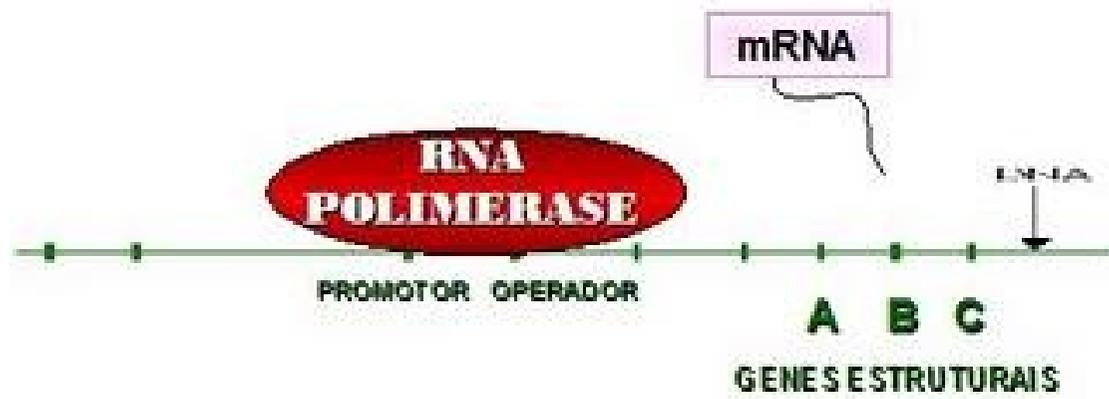




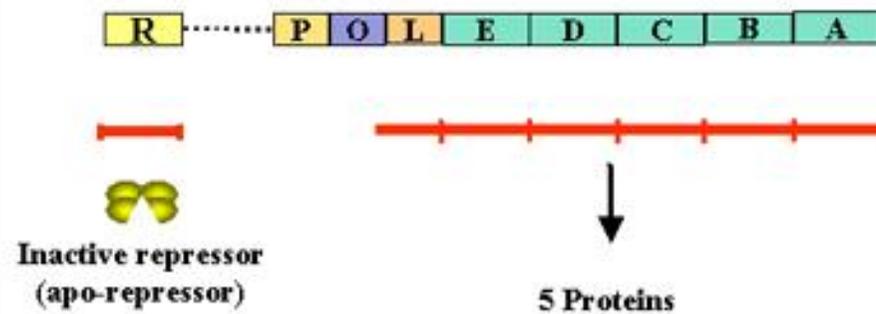
(a) Negative control



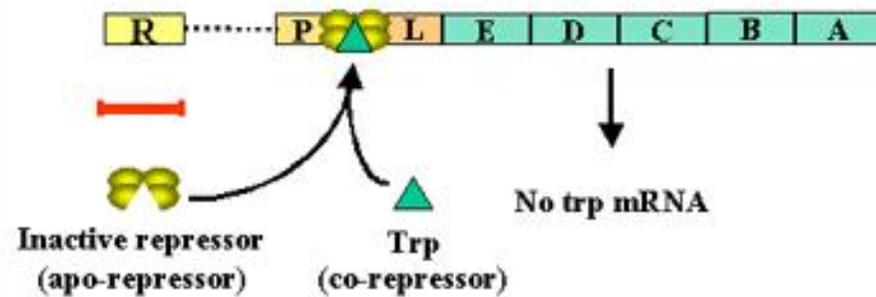
(b) Positive control



### Absence of Tryptophan

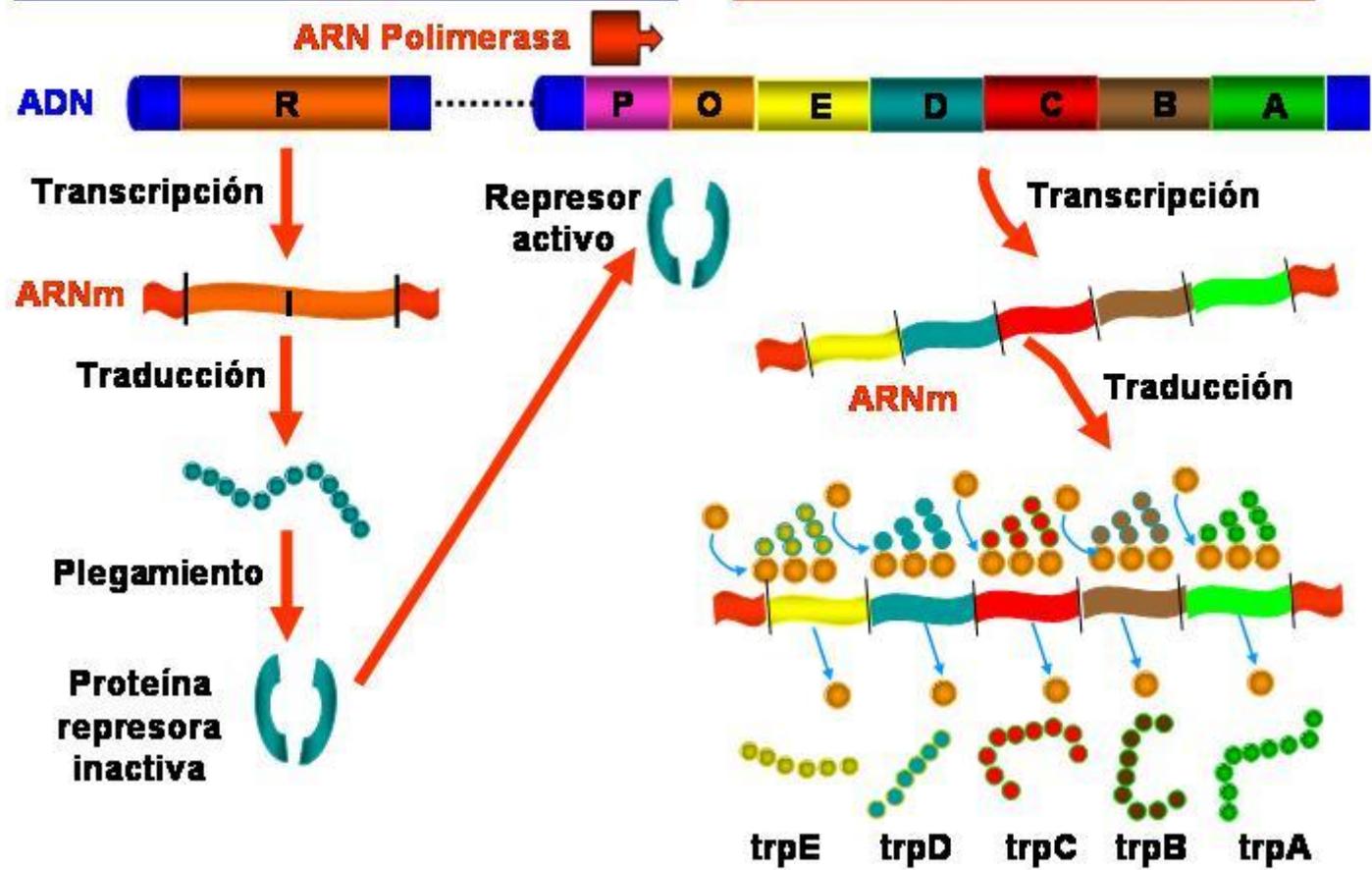


### Presence of Tryptophan

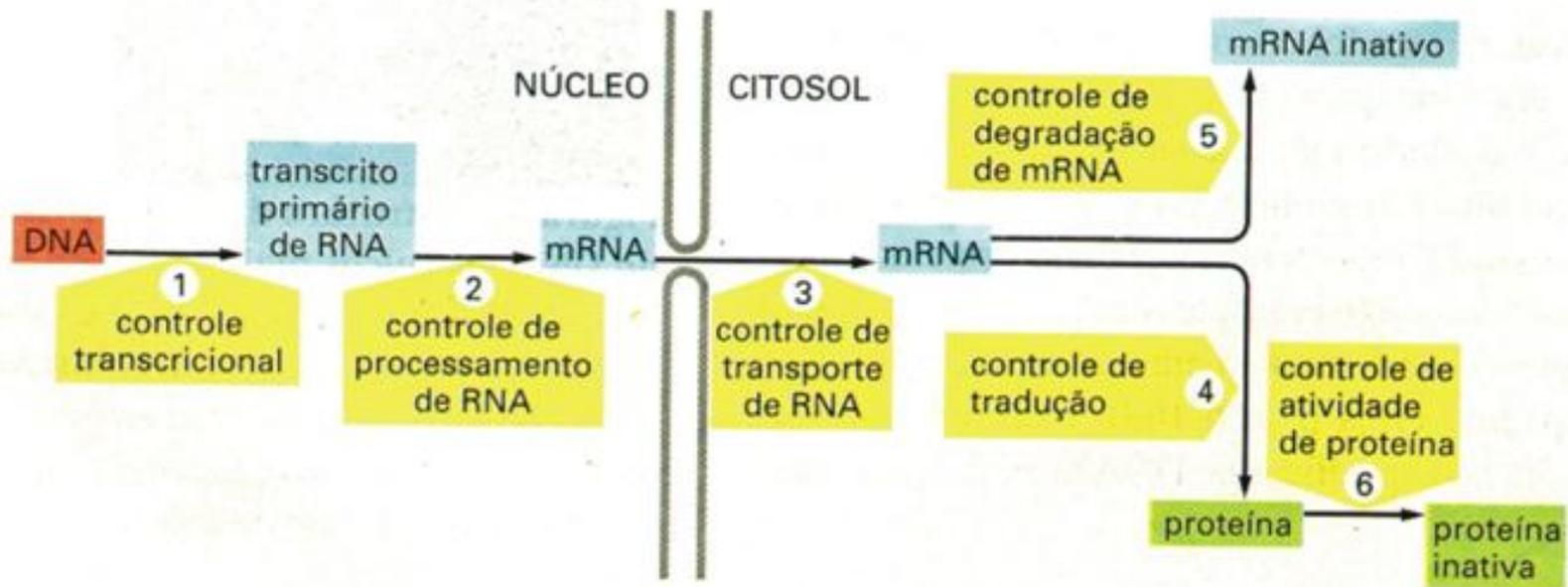


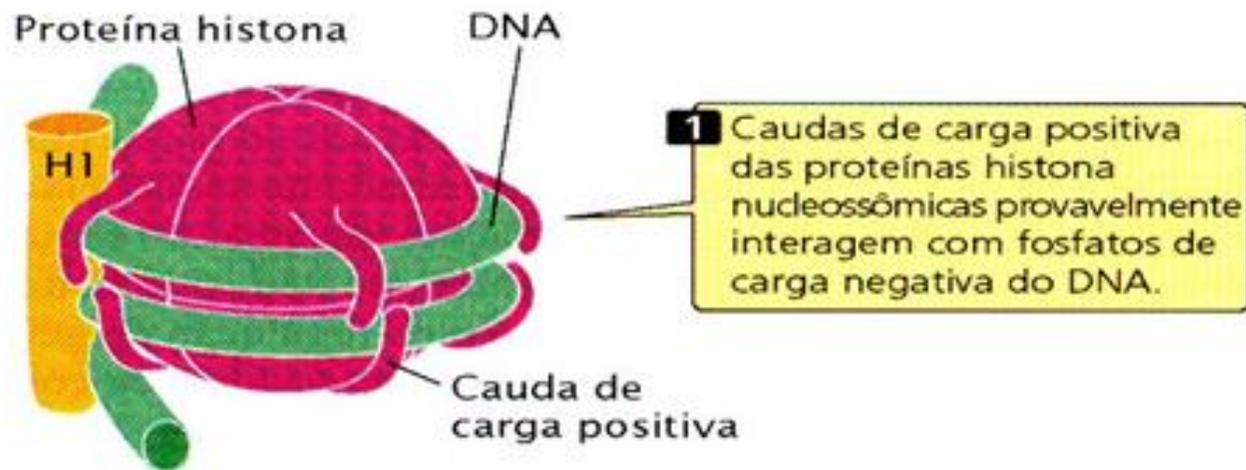
# Operón Triptófano

# Sin Correpresor



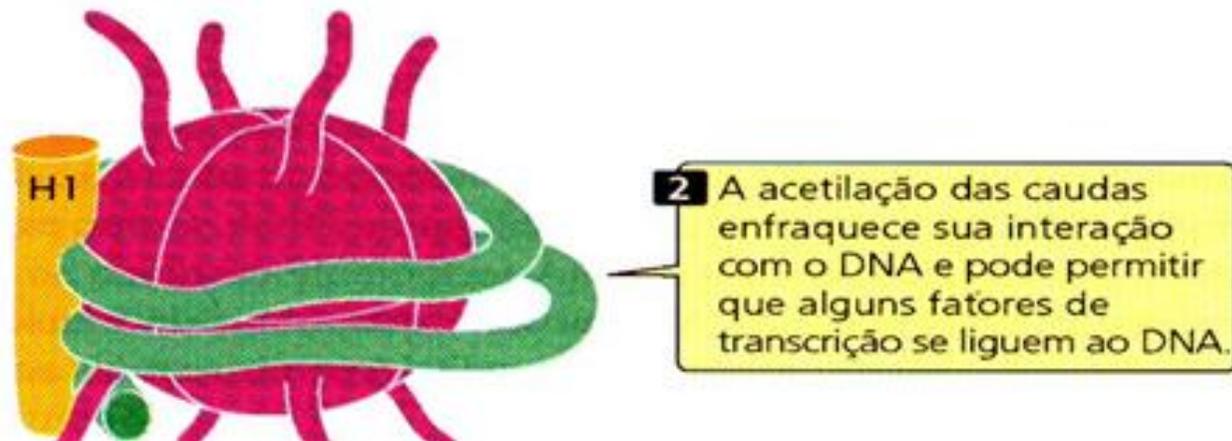
# A expressão gênica pode ser controlada em vários níveis





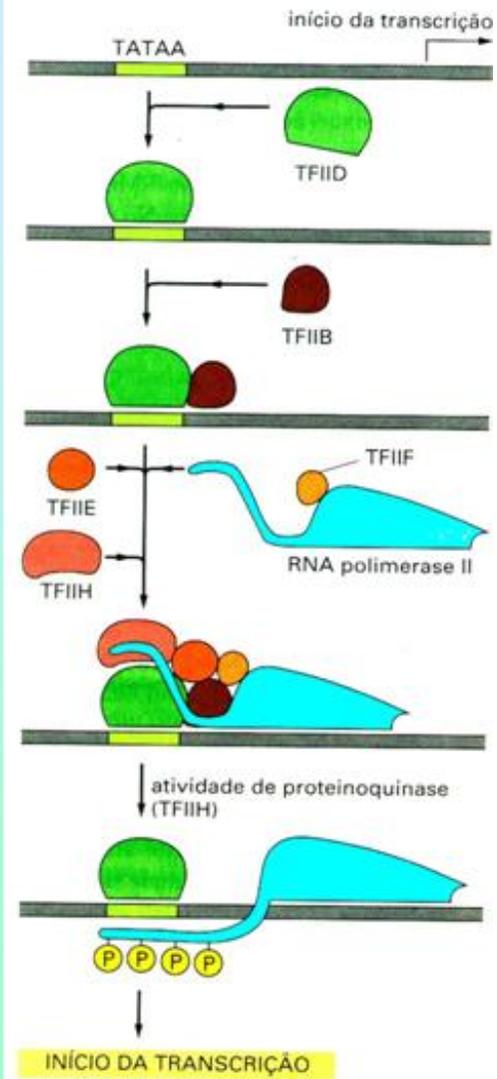
Acetilação

↓



# Controle transcrricional em eucariotos

- São necessários
  - proteínas ativadoras de transcrição
  - fatores de transcrição



# Atuação de proteínas regulatórias distantes

