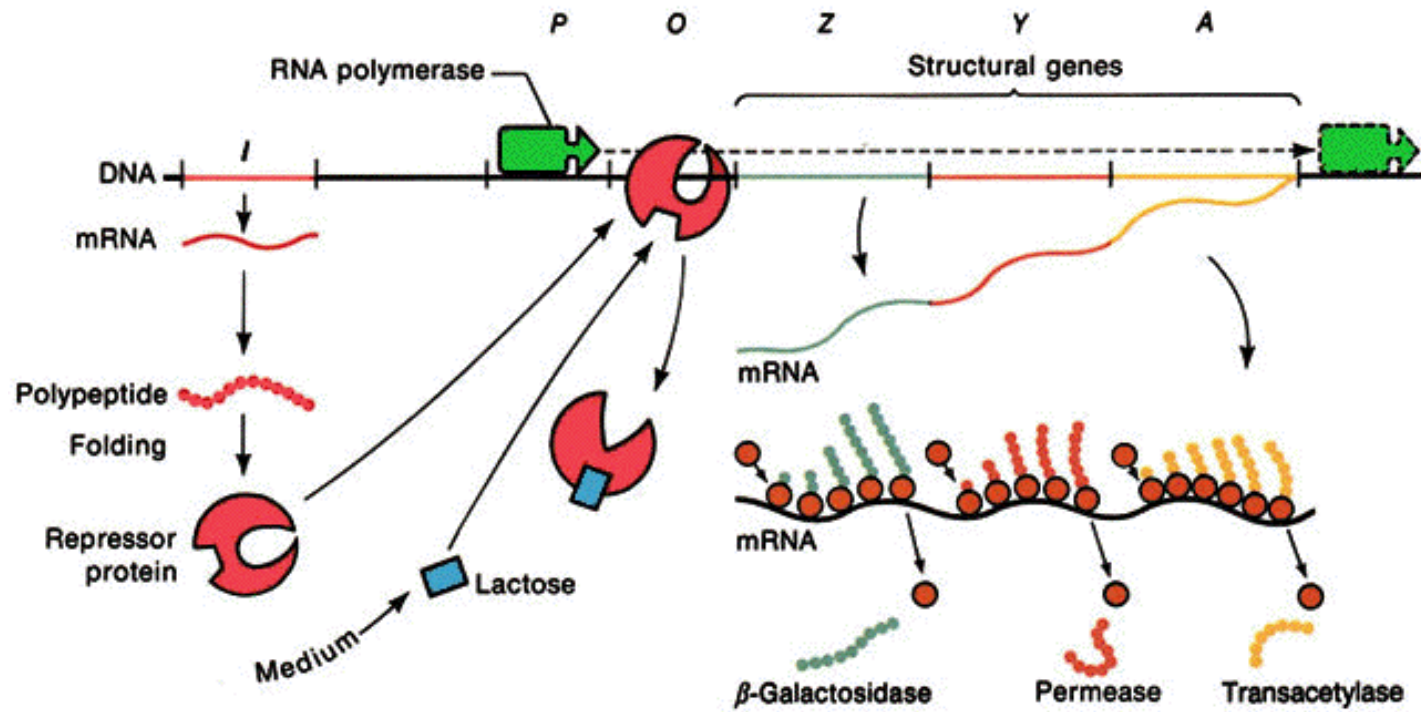
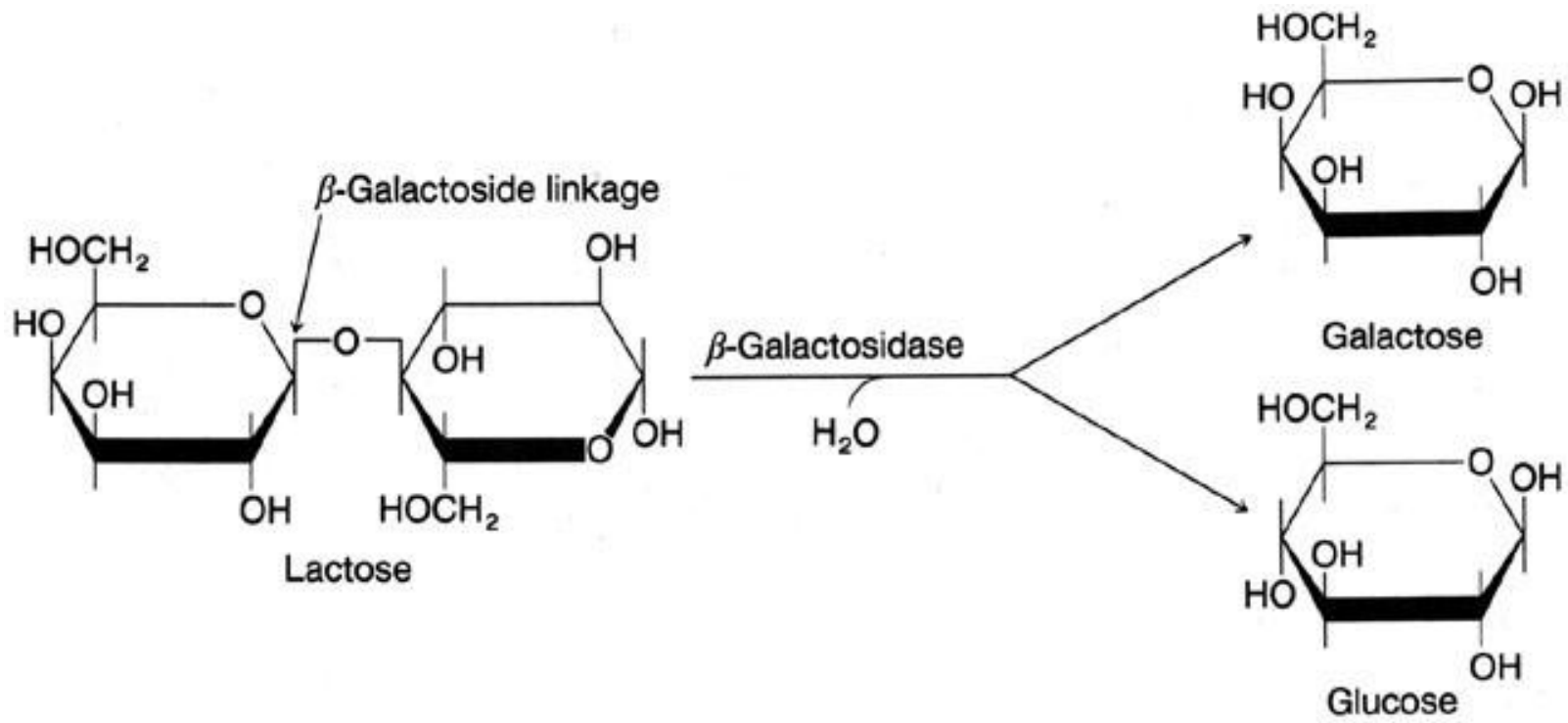
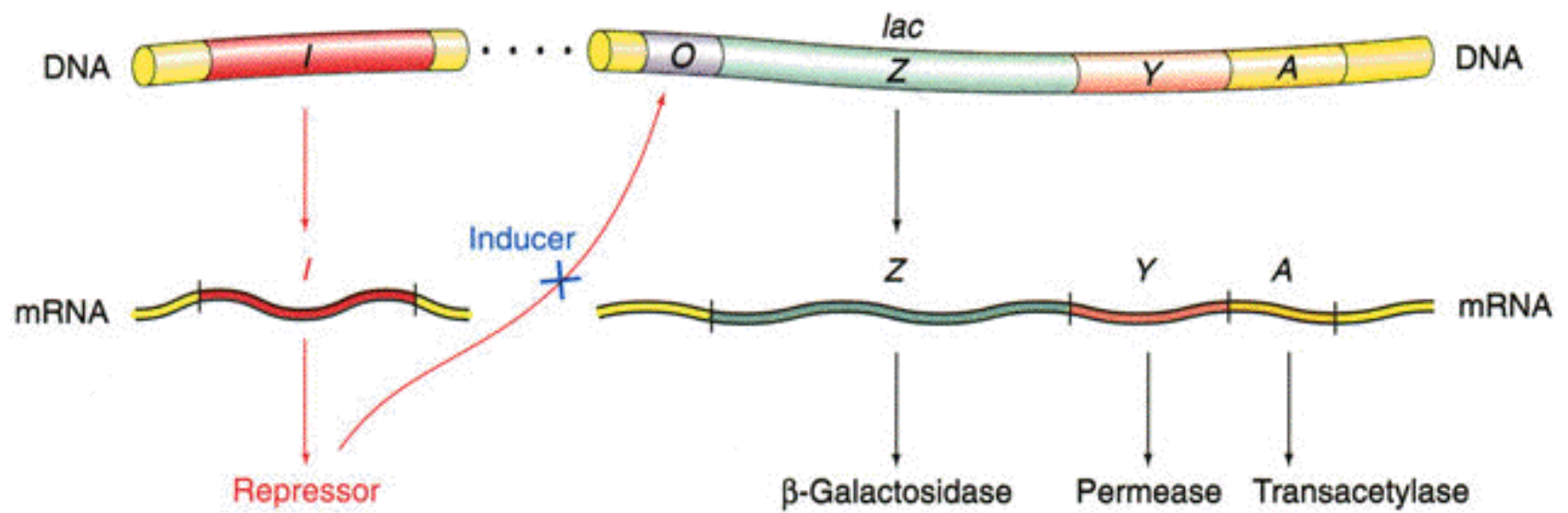


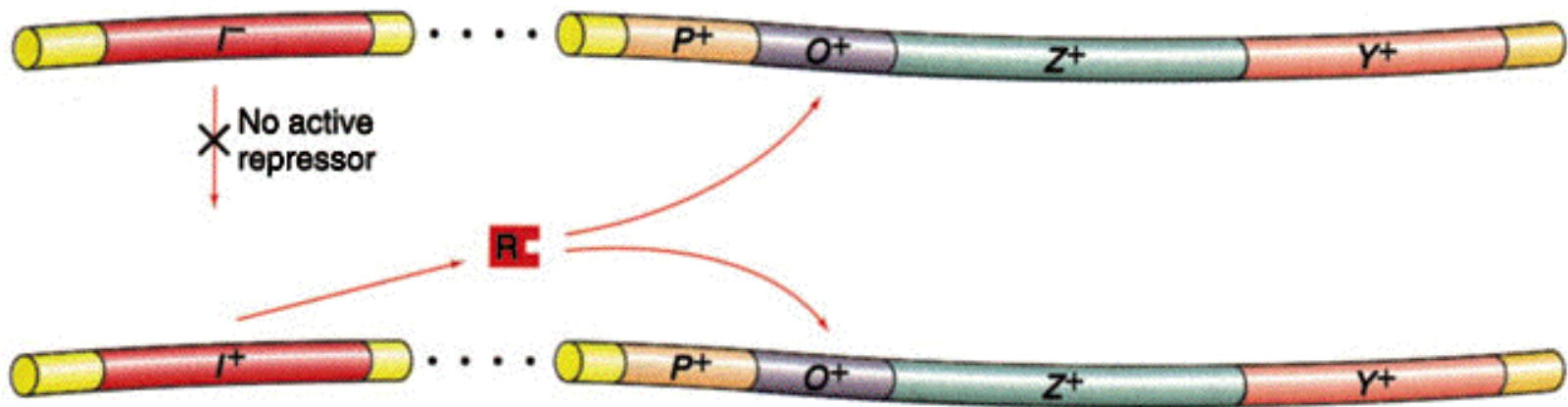
Controle da expressão gênica em procariontes

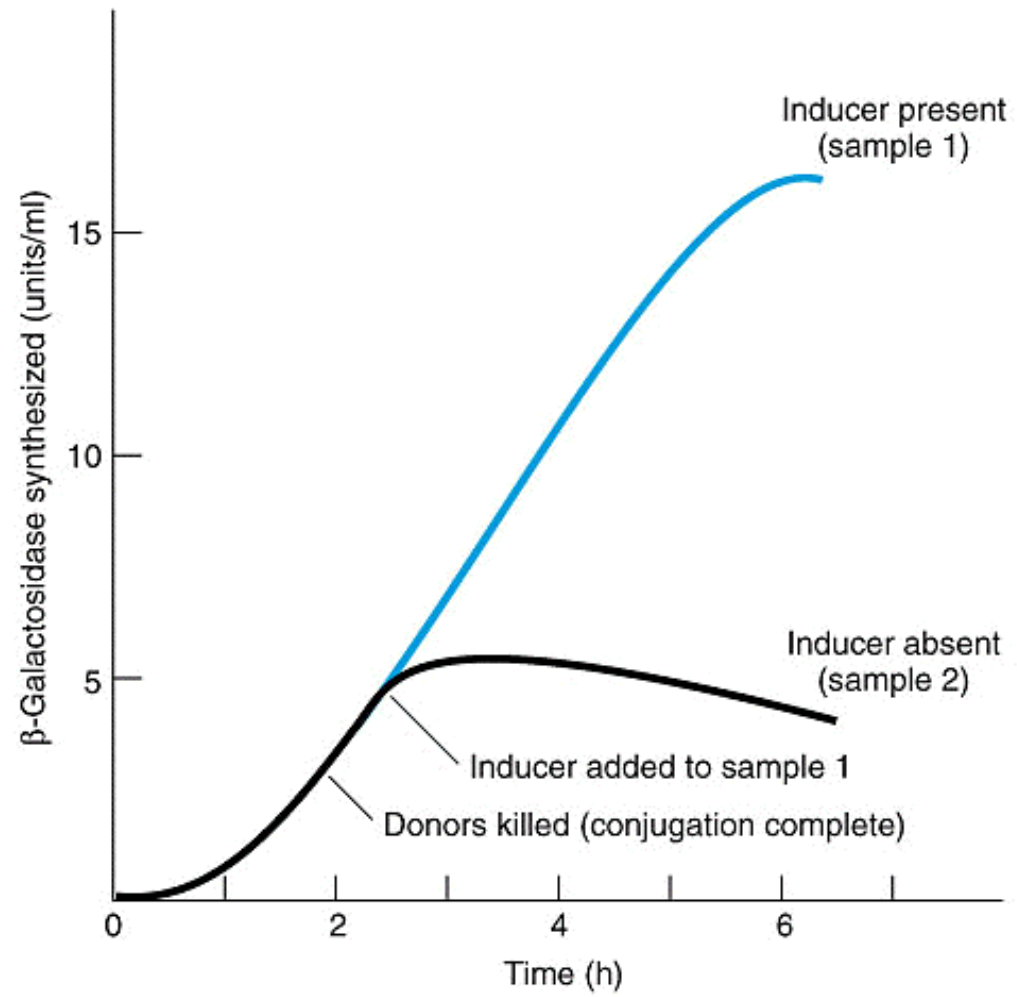
OPERON LAC

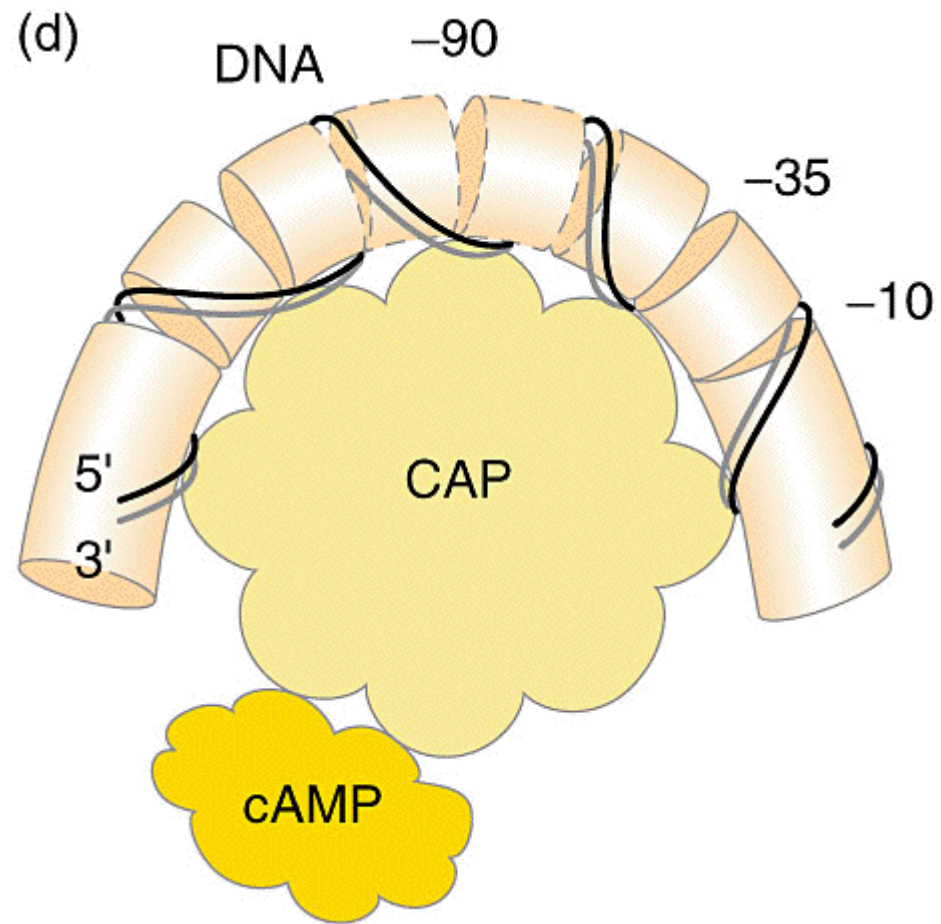


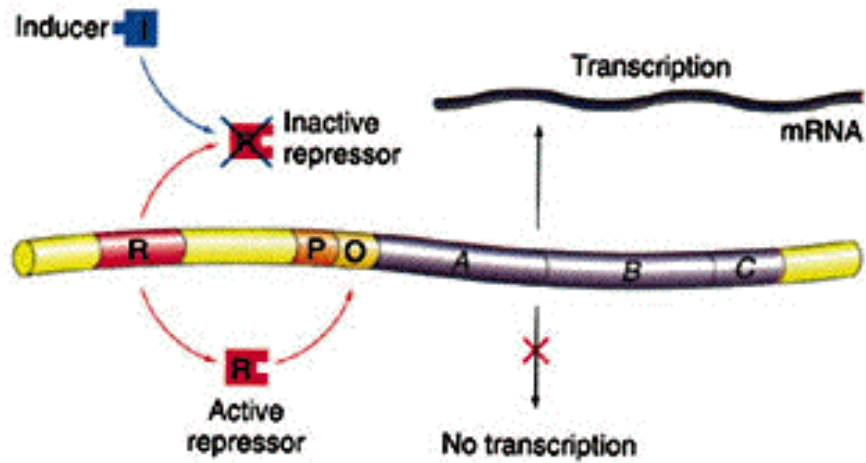




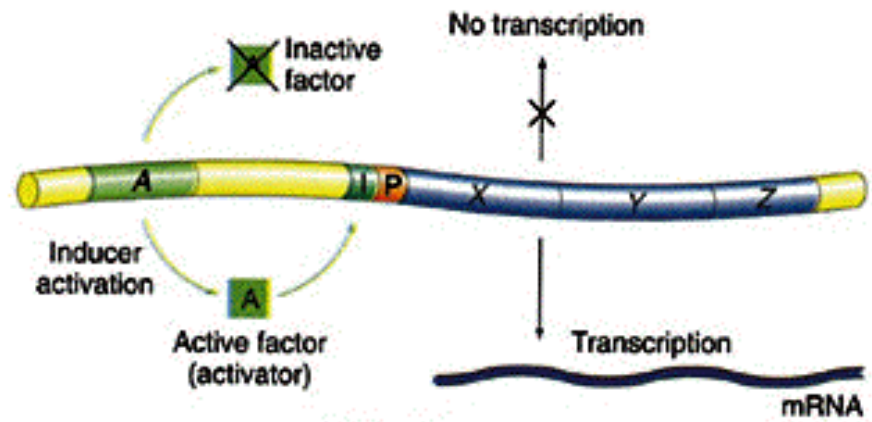




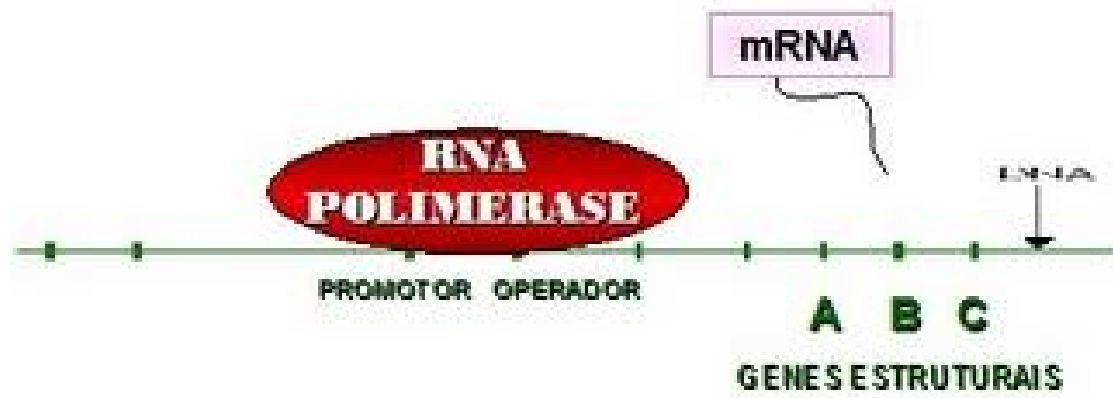




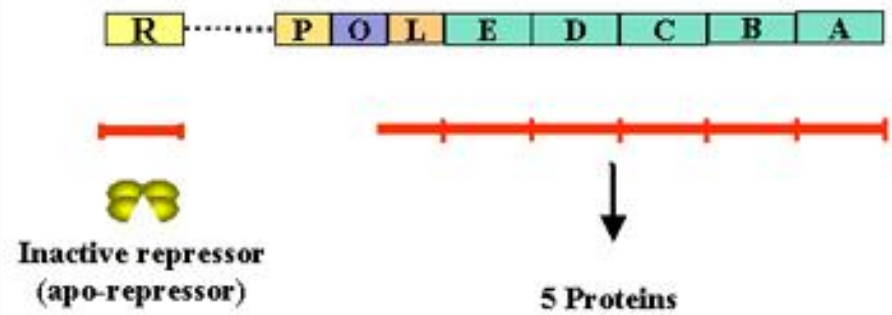
(a) Negative control



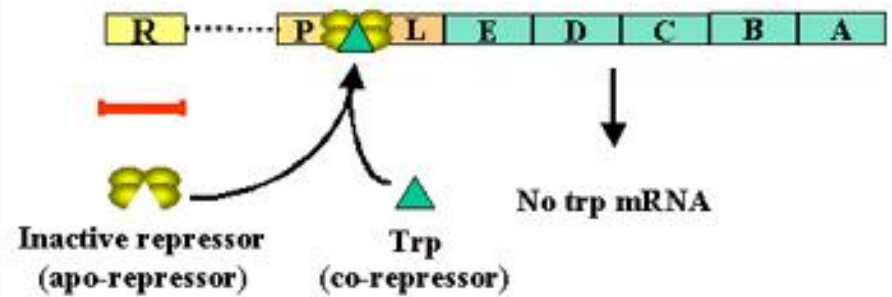
(b) Positive control



Absence of Tryptophan

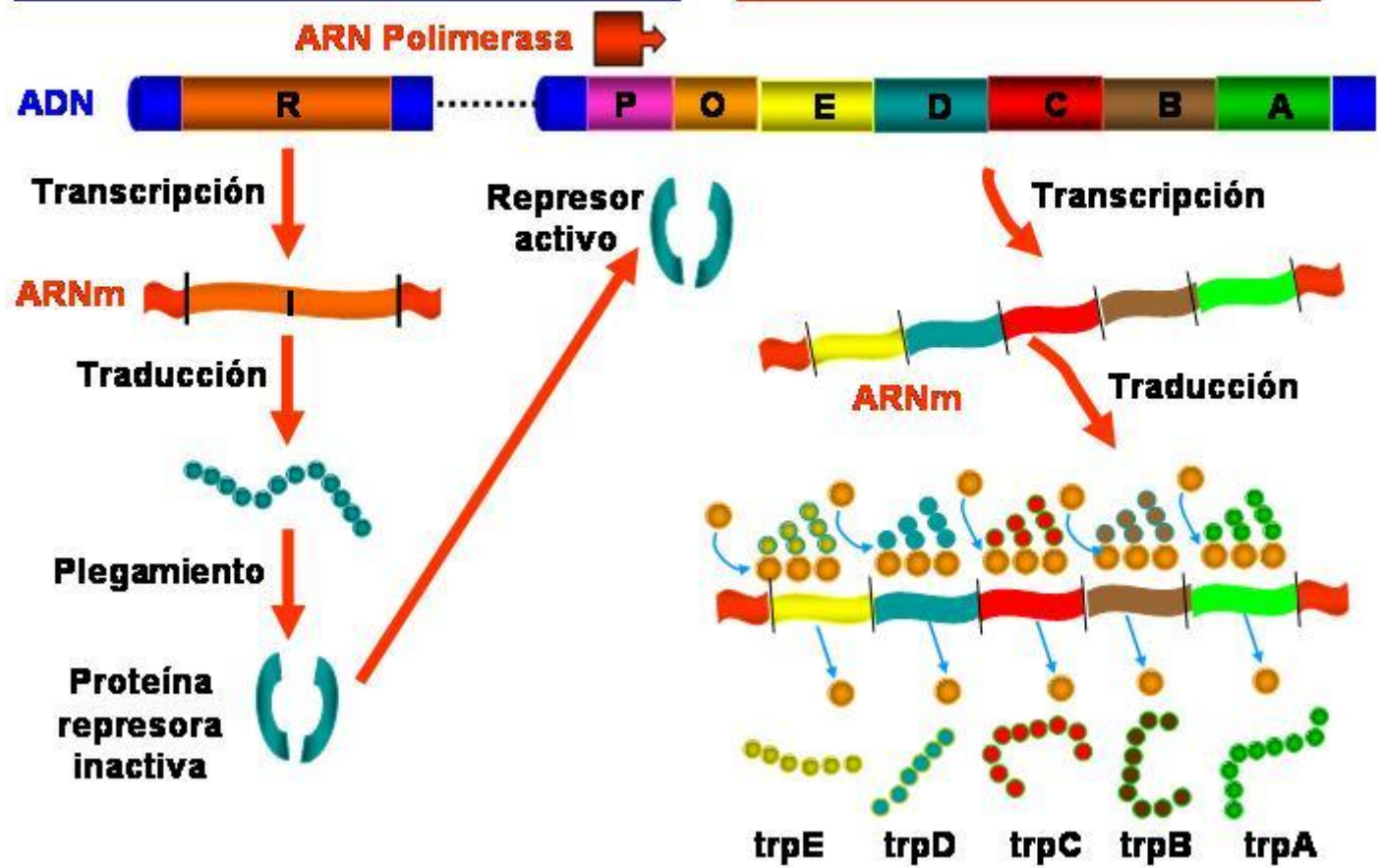


Presence of Tryptophan

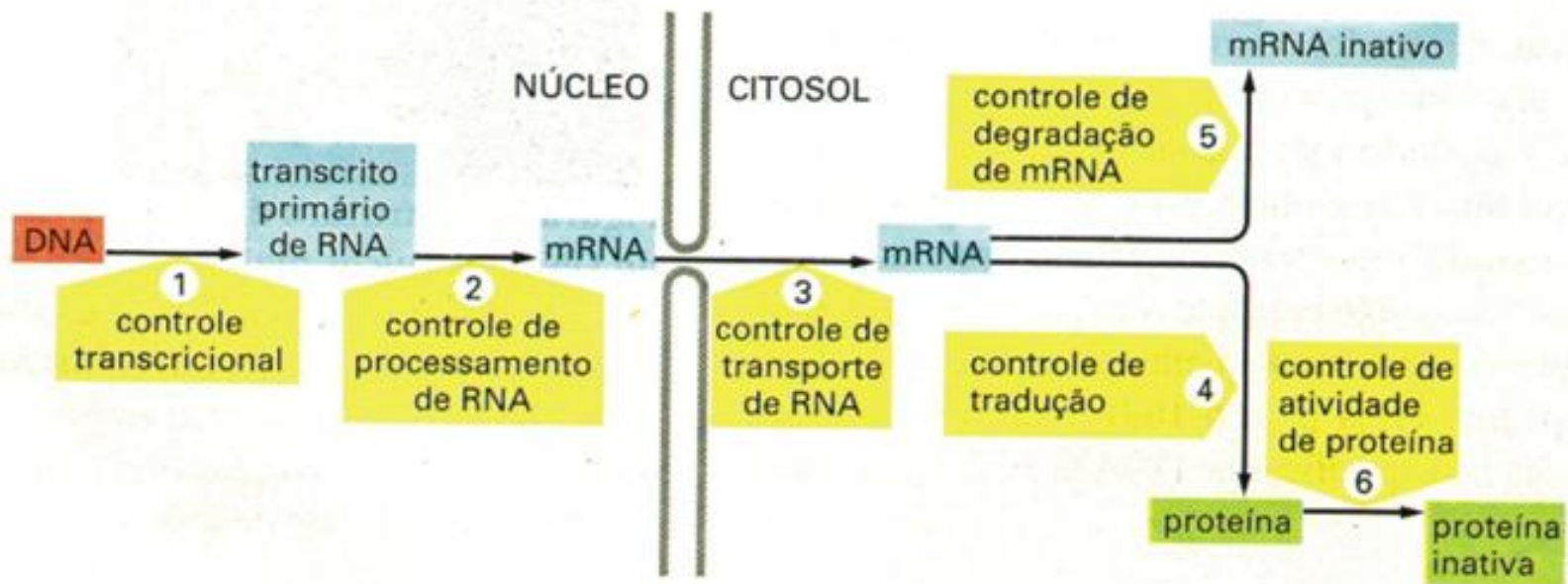


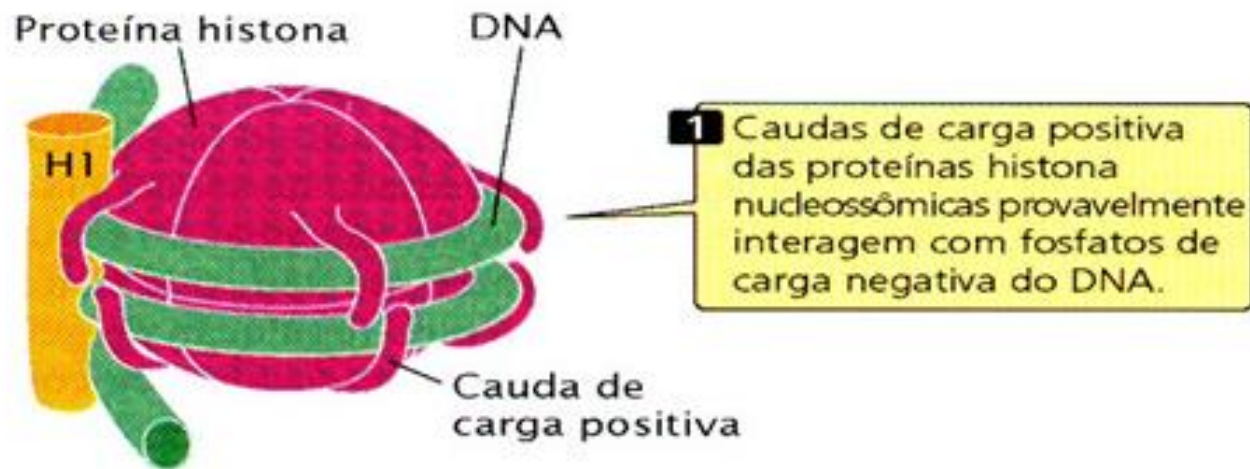
Operón Triptófano

Sin Correpresor

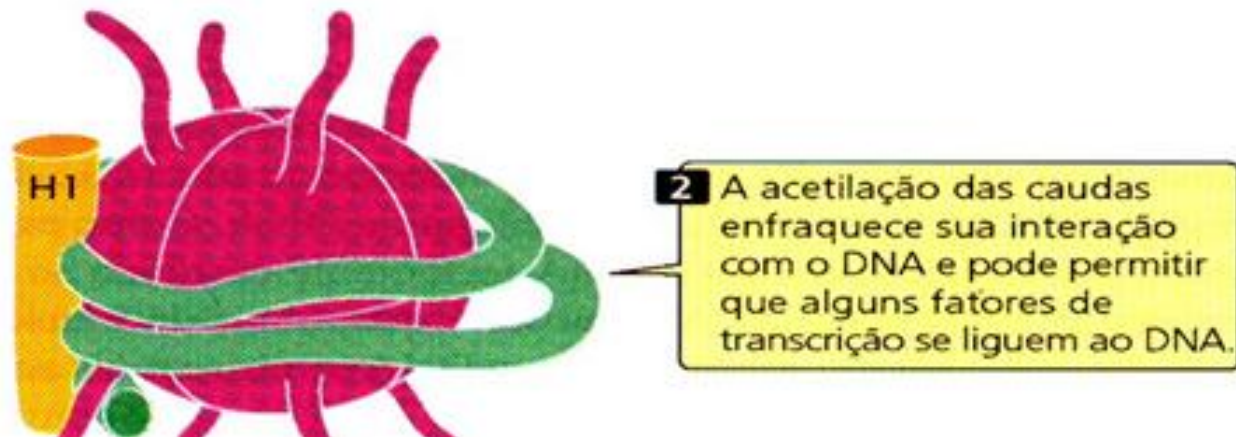


A expressão gênica pode ser controlada em vários níveis



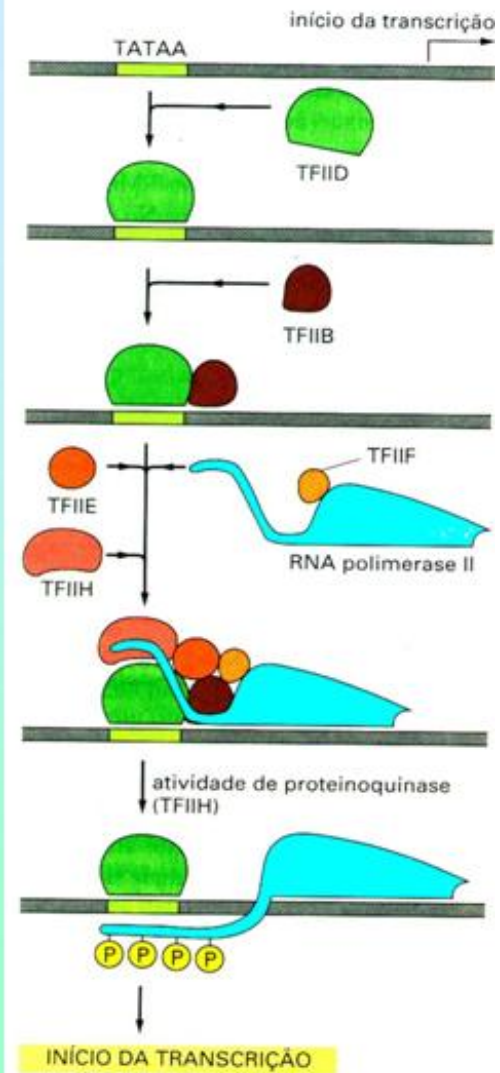


Acetilação



Controle transcrricional em eucariotos

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



Atuação de proteínas regulatórias distantes

