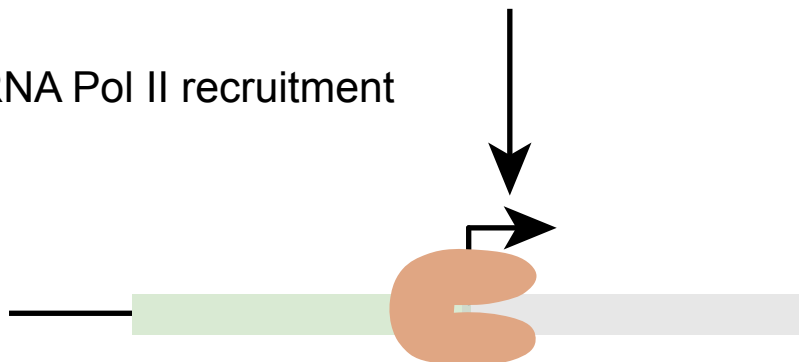


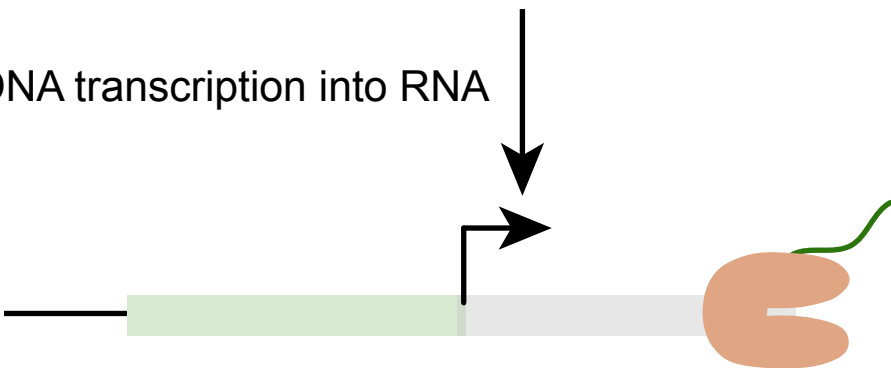
Constitutive promoters



RNA Pol II recruitment

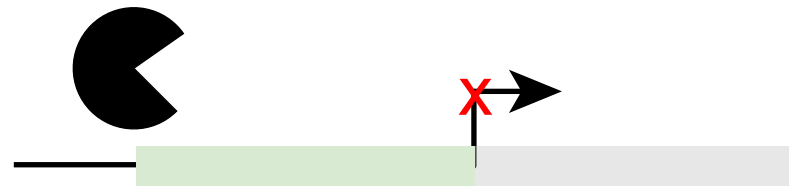


DNA transcription into RNA

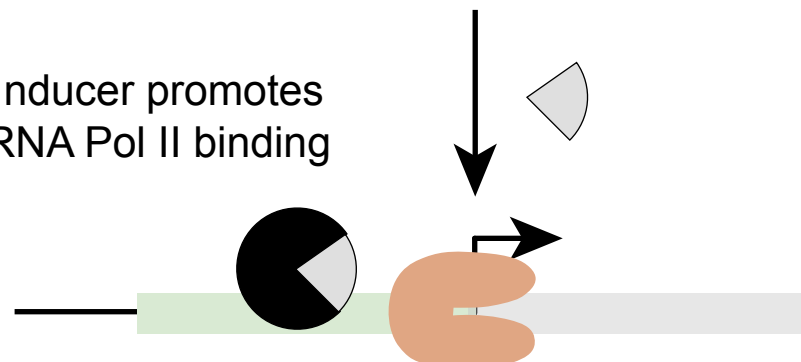


Transcriptional activity is predetermined

Inducible promoter



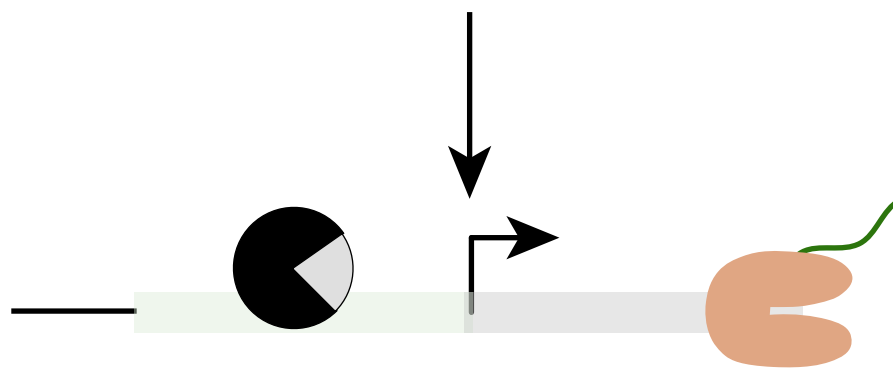
Inducer promotes
RNA Pol II binding



RNA Pol II

Regulator

Inducer



Transcriptional activity is tuneable