

Figure 12.7

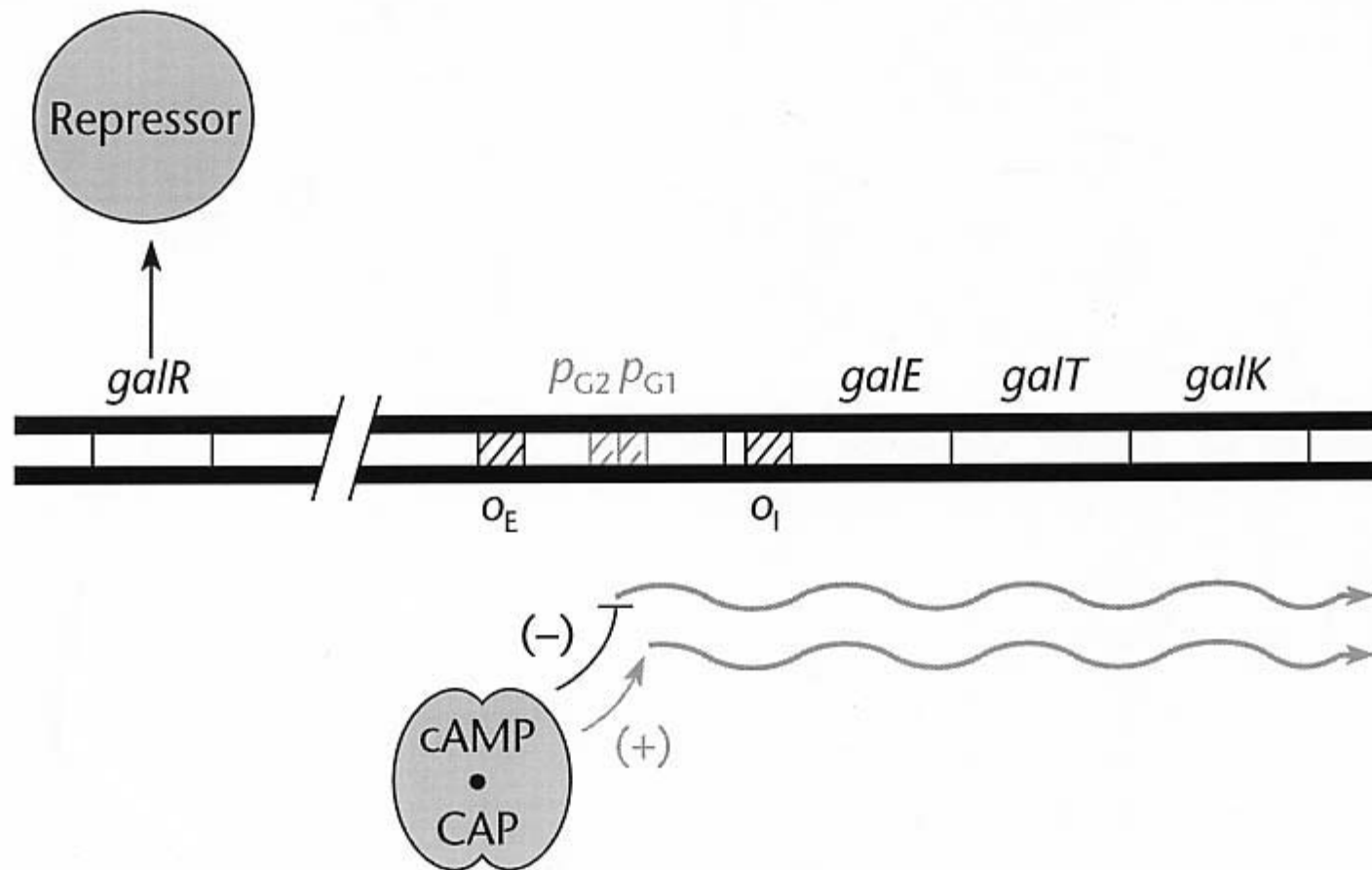


Figure 12.8

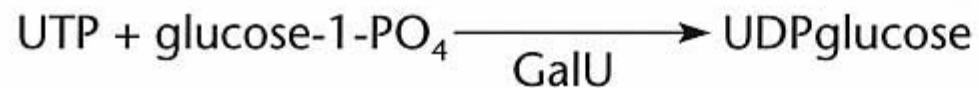


Figure 12.9

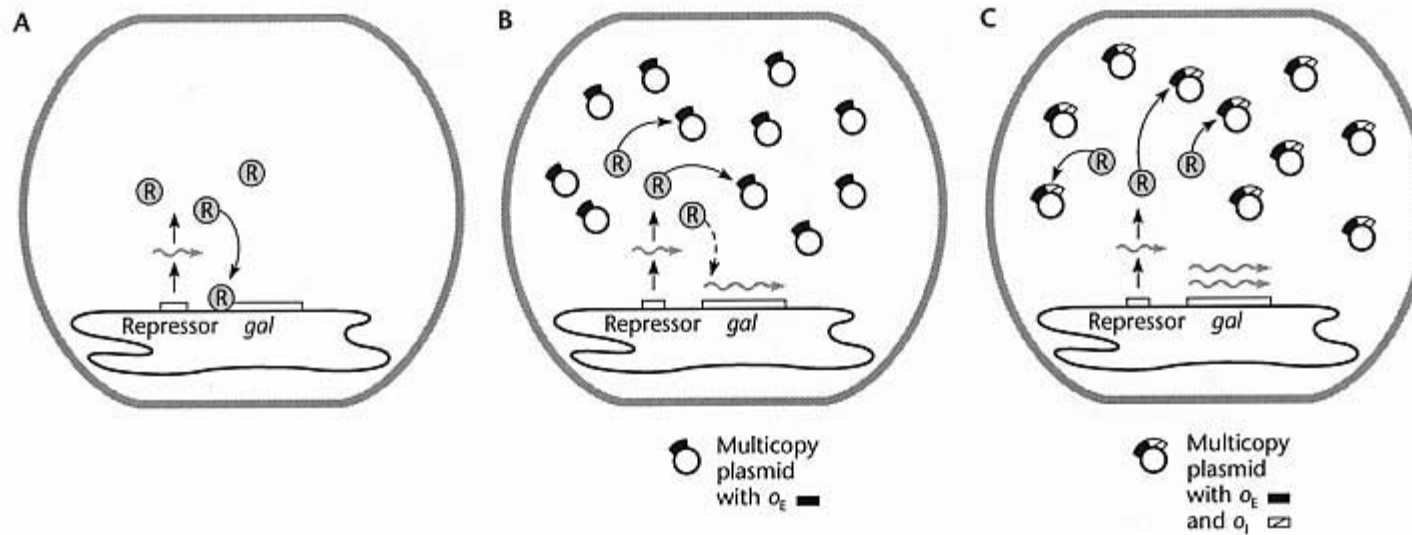


Figure 12.10

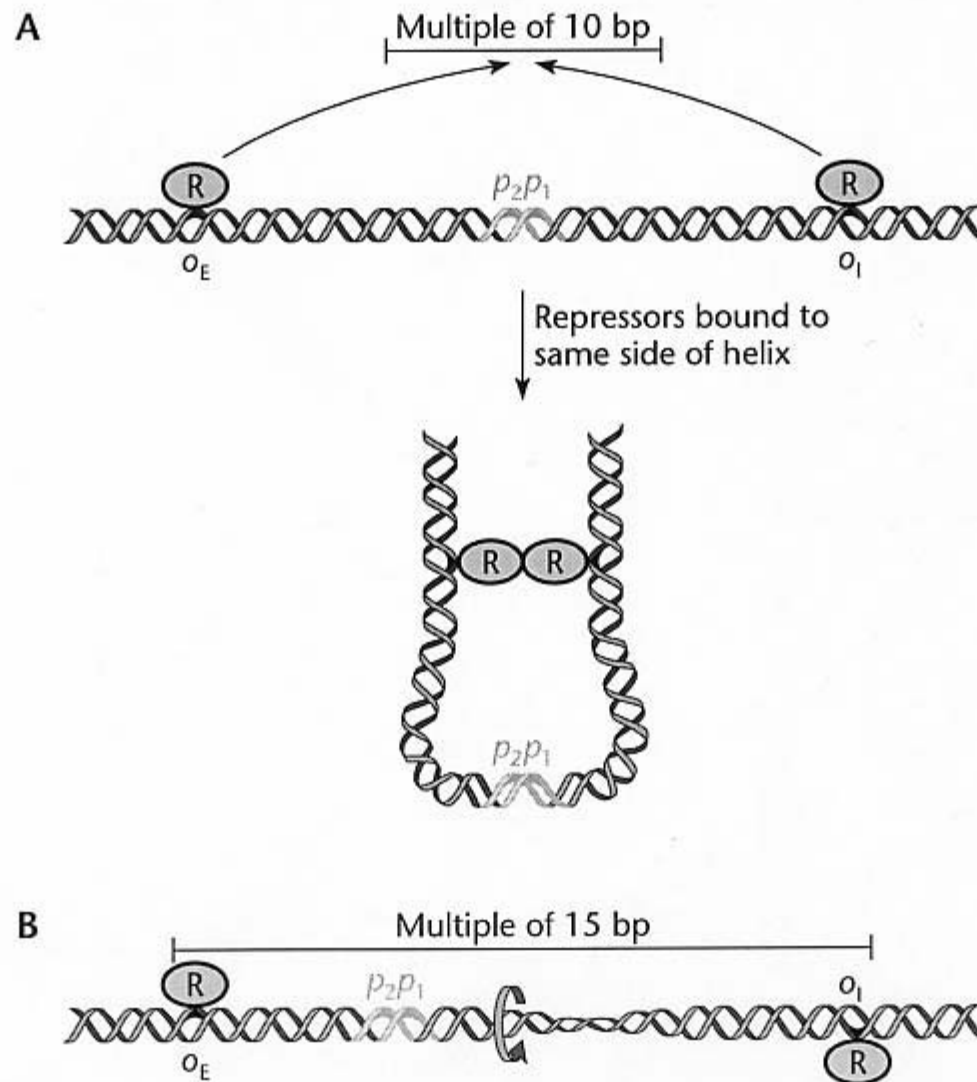


Figure 12.11

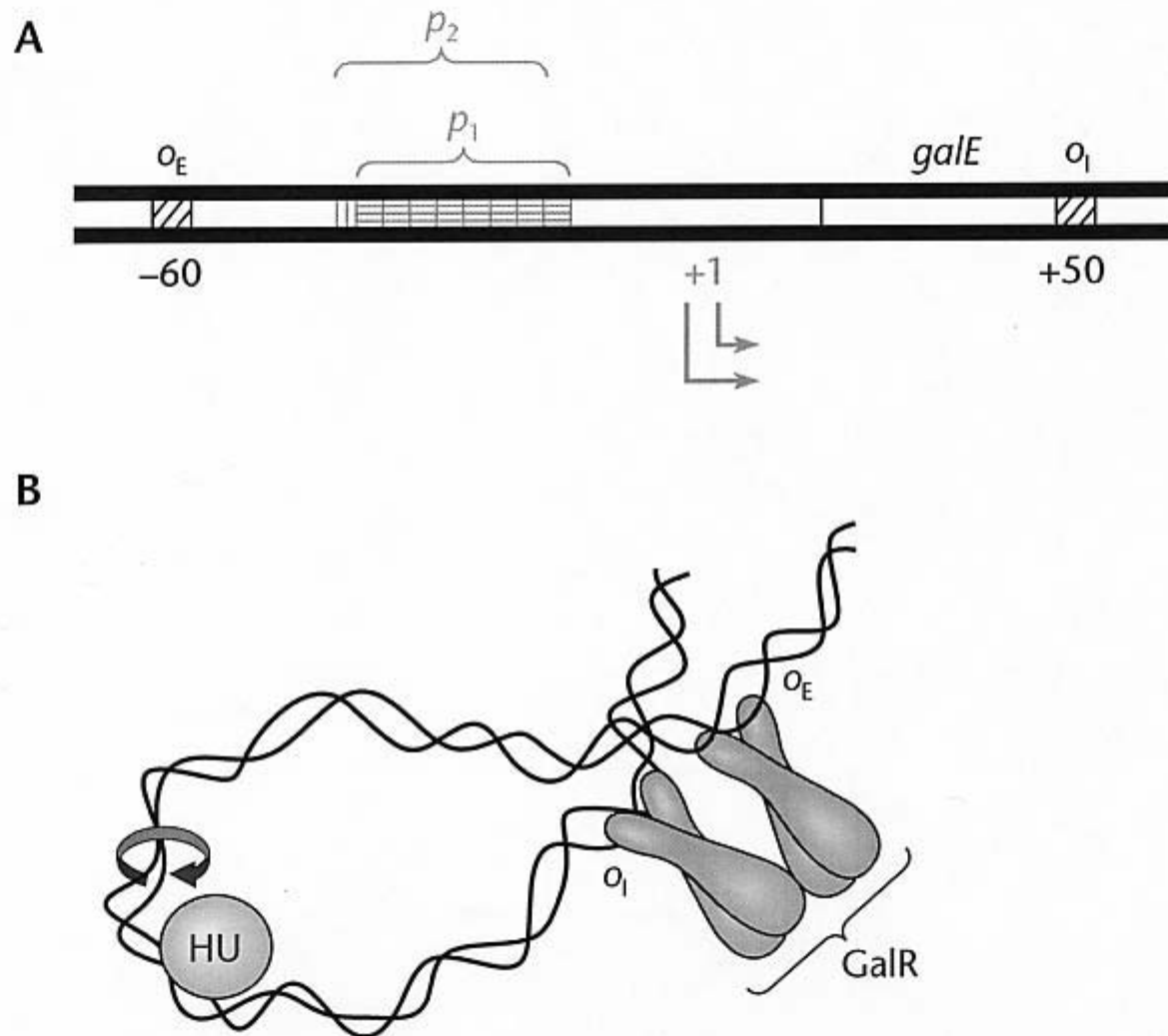


Figure 12.12

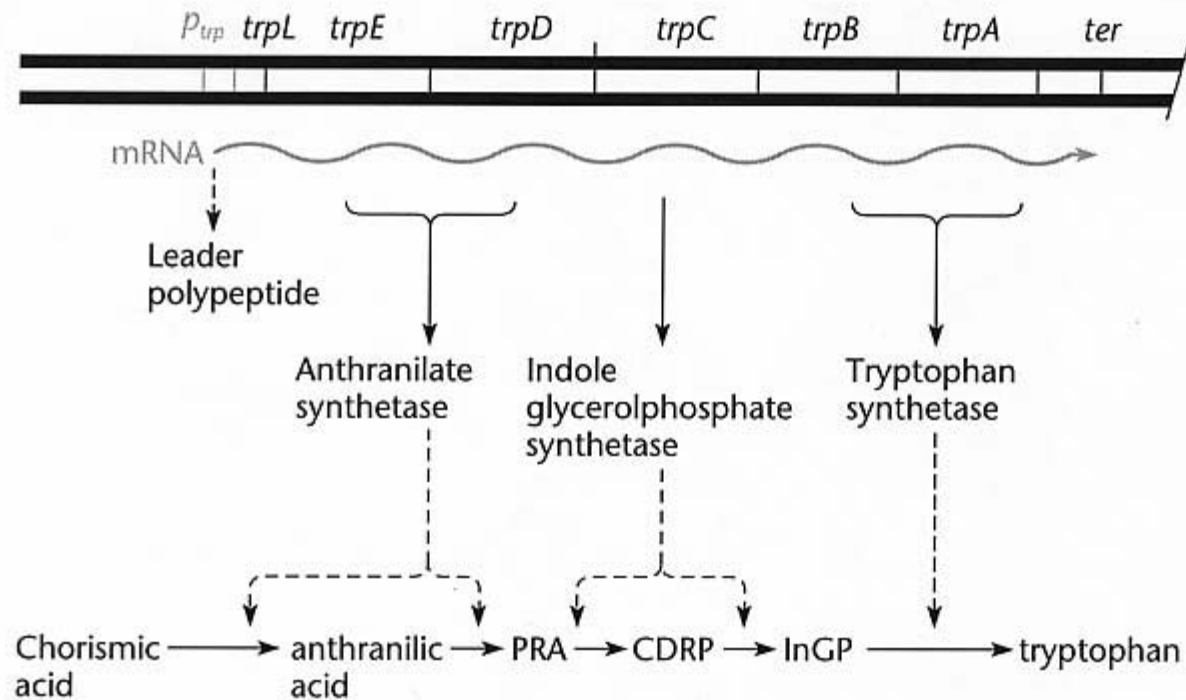
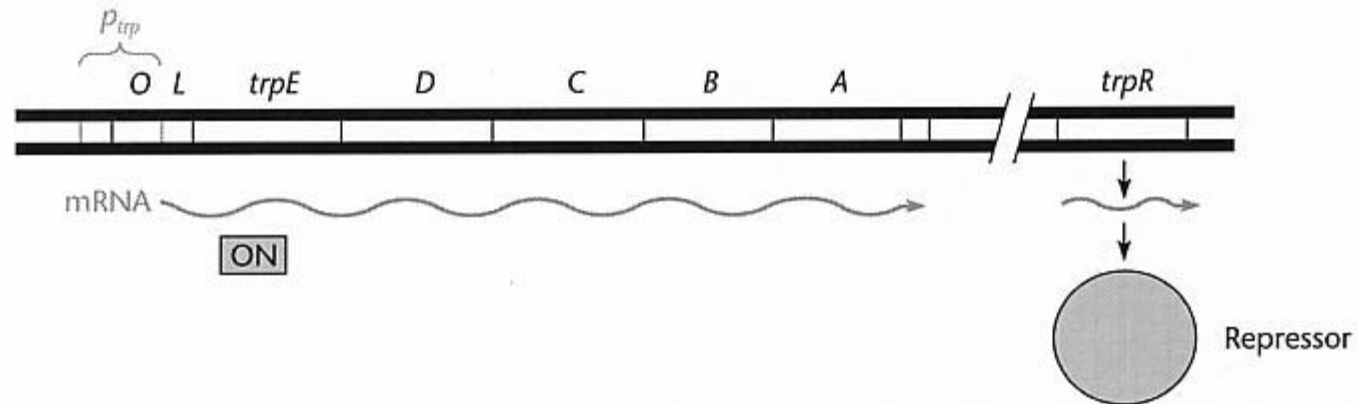


Figure 12.13

A In the absence of tryptophan



B In the presence of tryptophan

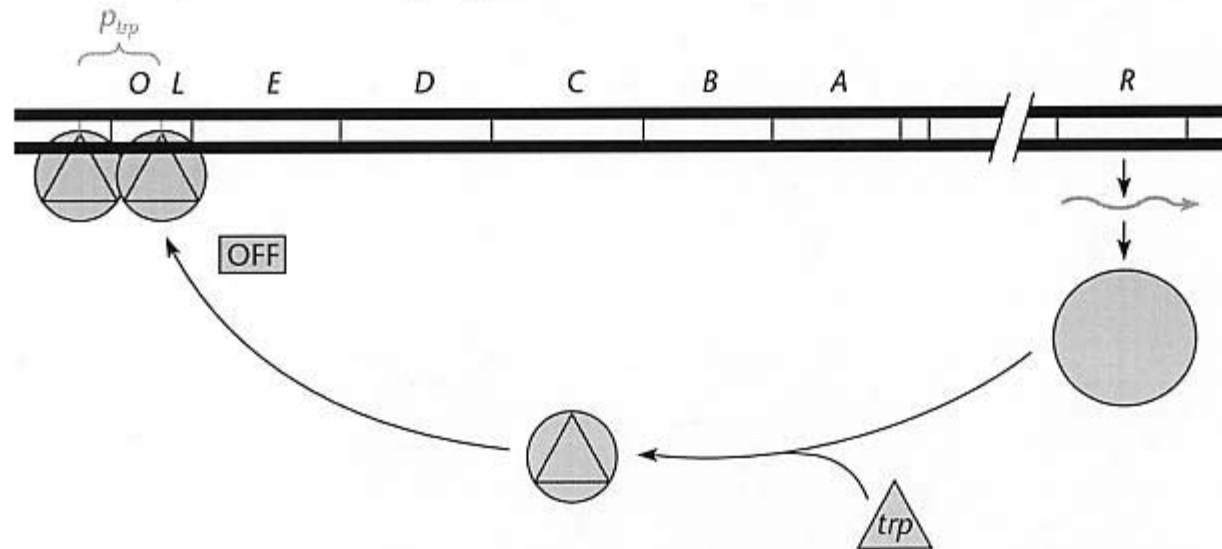
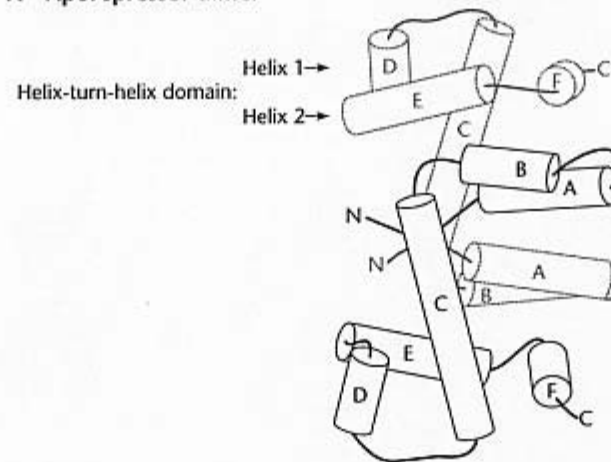


Figure 12.14

A Aporepressor dimer



B Aporepressor - repressor conformational change

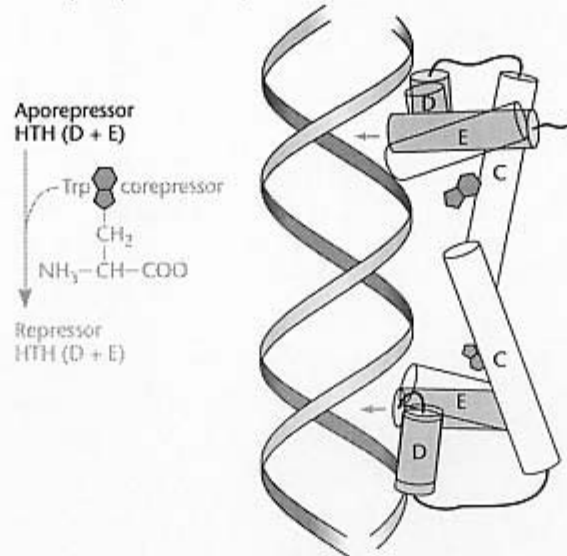


Figure 12.15

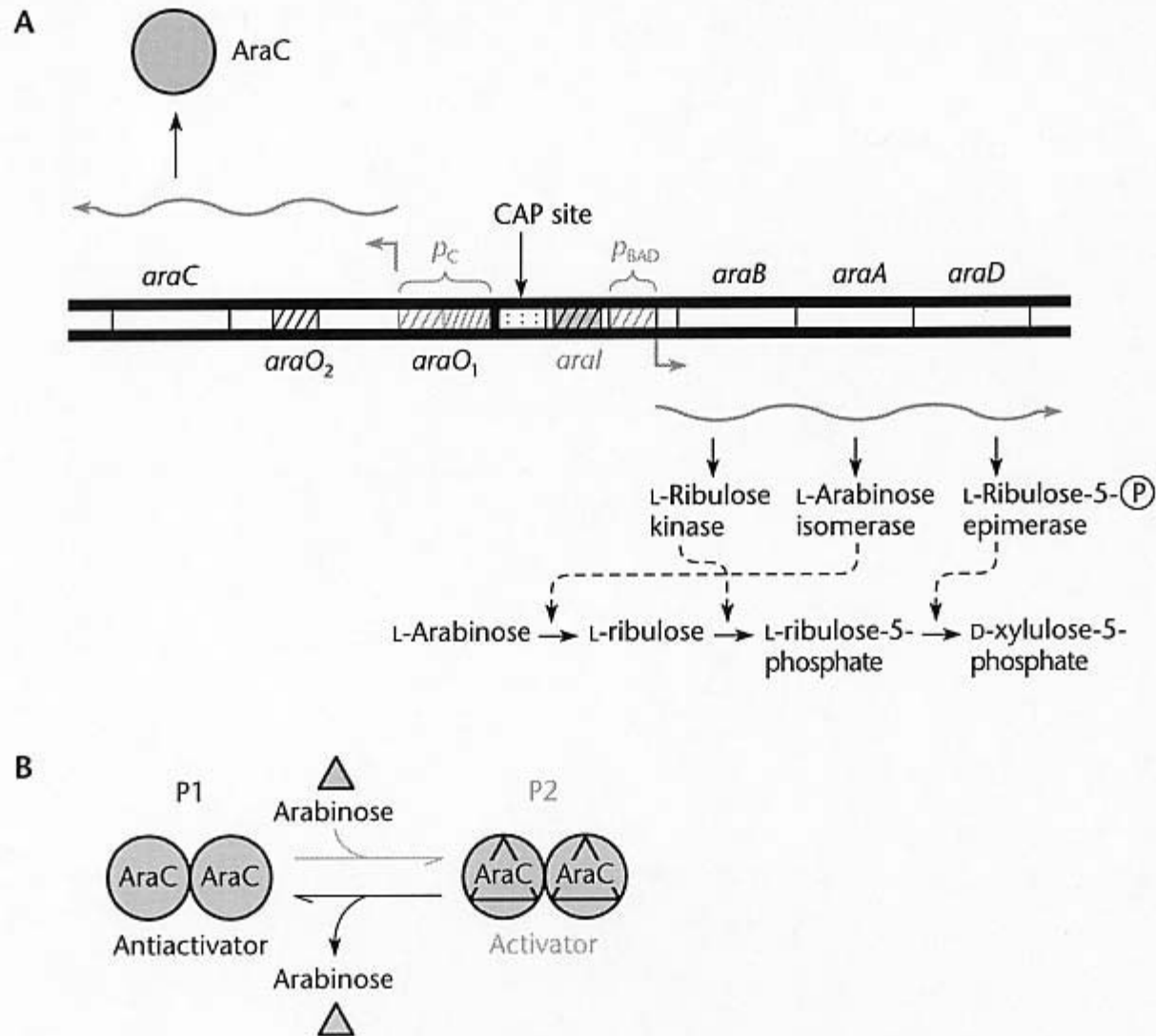
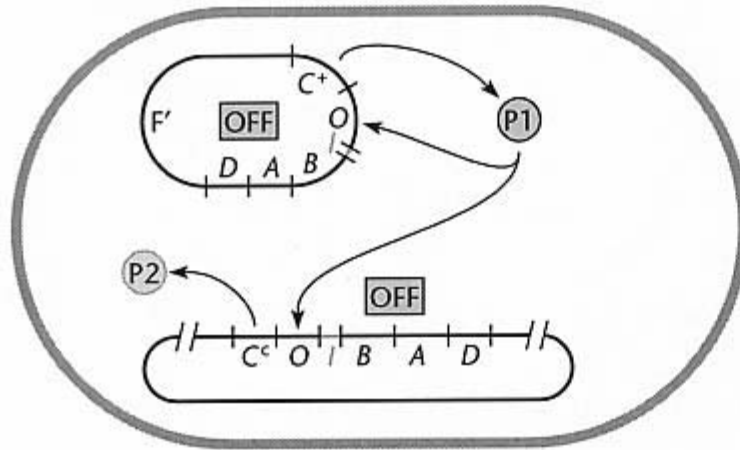


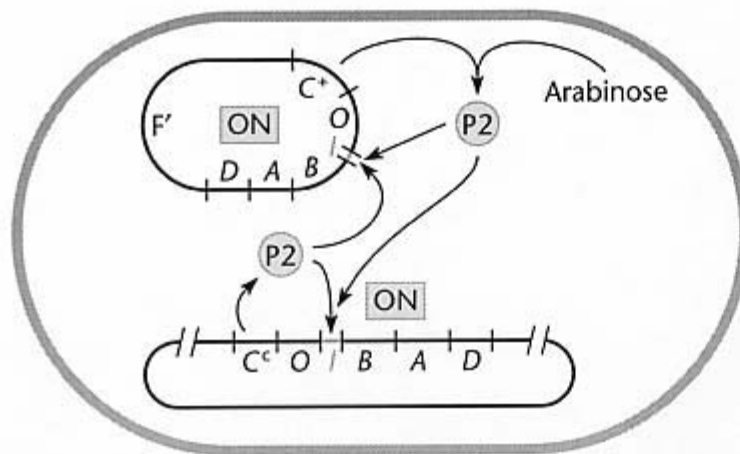
Figure 12.16

A Absence of arabinose



P1 form binds to operators of both operons, preventing *araBAD* expression

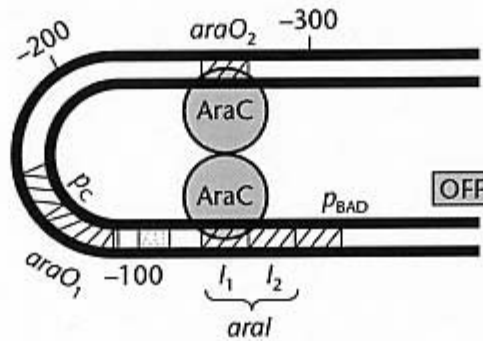
B Presence of arabinose



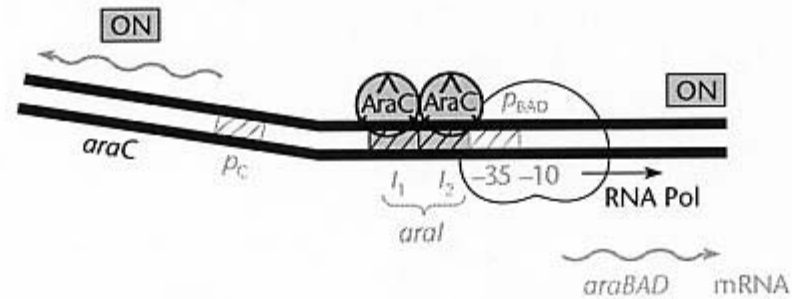
P2 form and/or the AraC^c (=P2) form binds to I (induction) sites of both operons, activating *araBAD* transcription

Figure 12.17

A Absence of L-arabinose



B Presence of L-arabinose



C

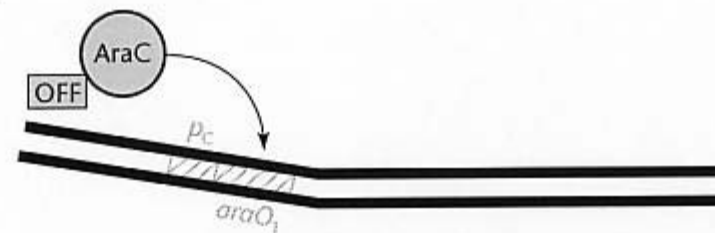


Figure 12.18

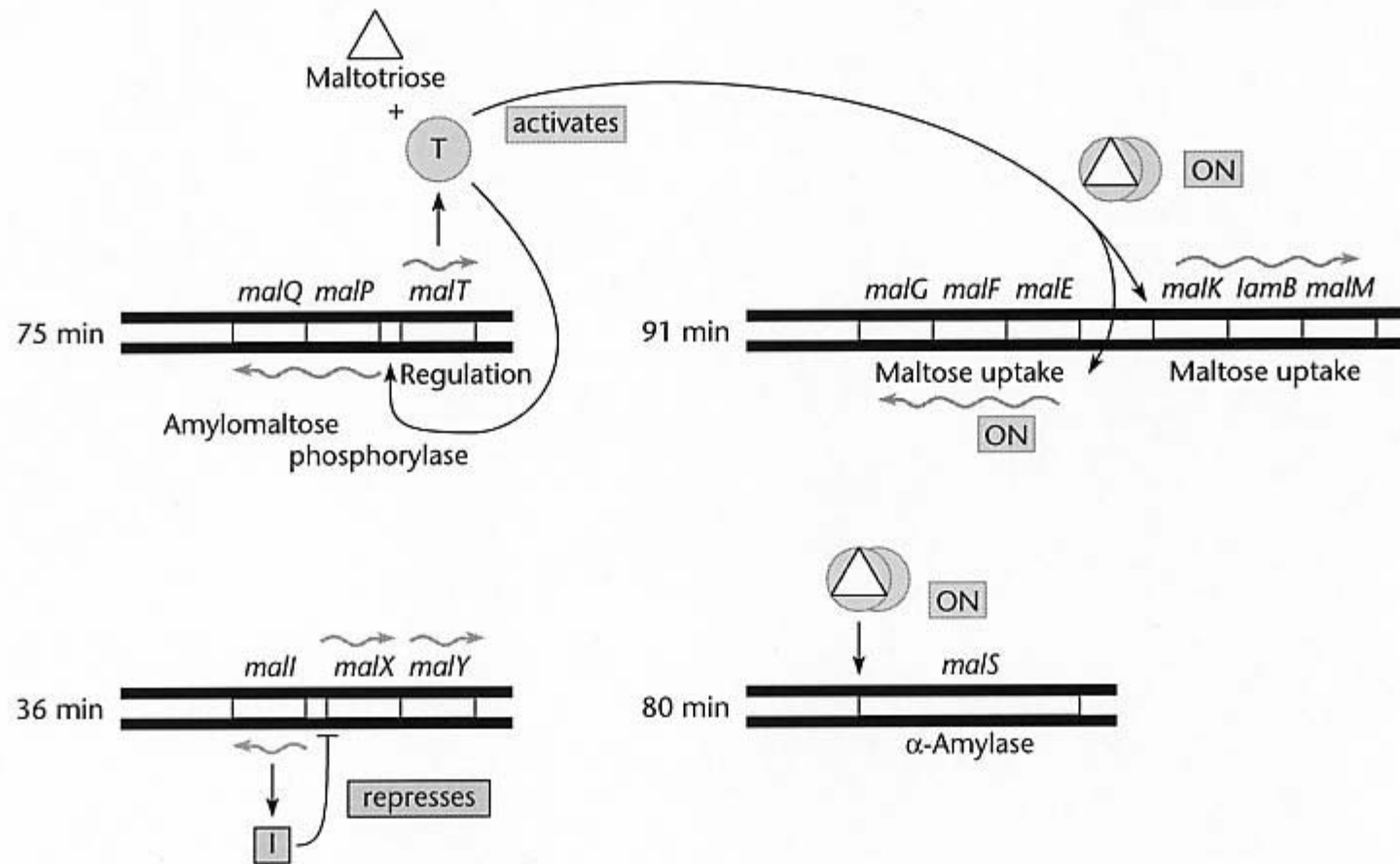


Figure 12.20

