

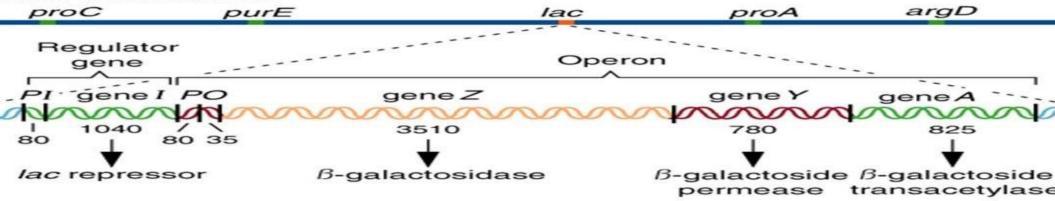
www.ramauniversity.ac.in

FACULTY OF ENGINEERING & TECHNOLOGY DEPARTMENT OF BIOTECHNOLOGY

c Operon

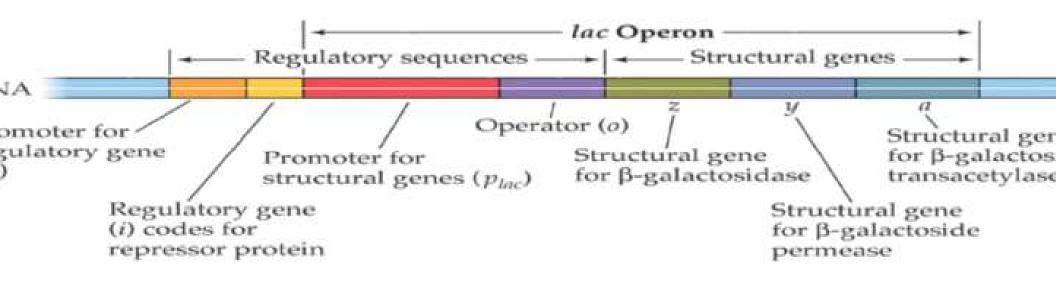
- The lac operon of the model bacterium Escherichia coli was the first operon to be discovered and provides a typical example of operon function It consists of three adjacent structural genes, a promoter, a terminator, and an operator.
- The lac operon is regulated by several factors including the availability of glucose and lactose.



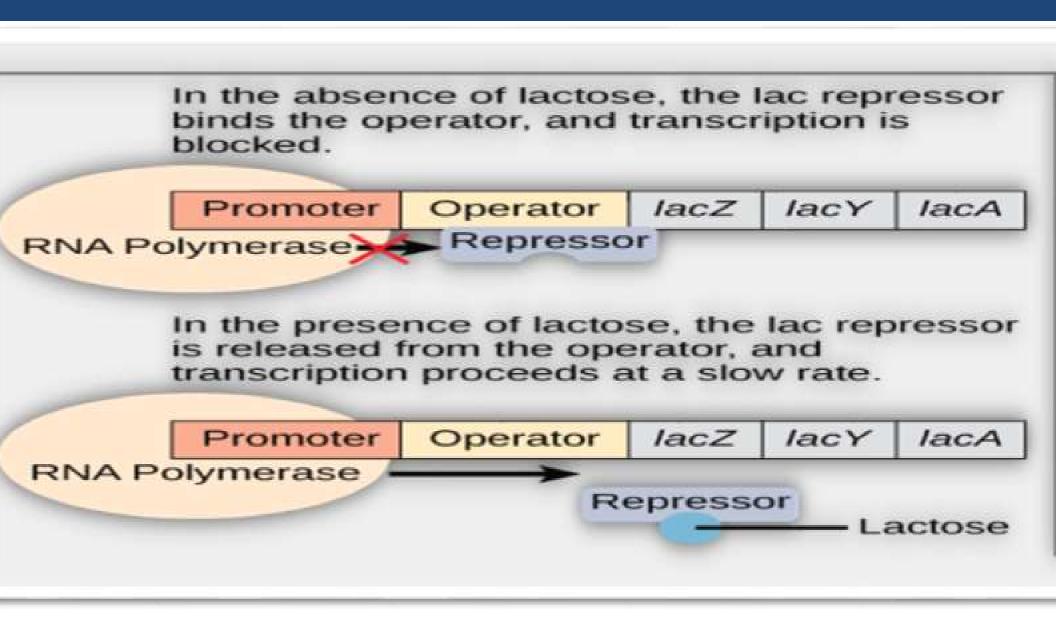


pyright 2000 John Wiley and Sons, Inc.

. coli chromosome:



LIFE: THE SCIENCE OF BIOLOGY, Seventh Justitian, Figure 13.18 The Inc Operan of



ence of Lac Operon

