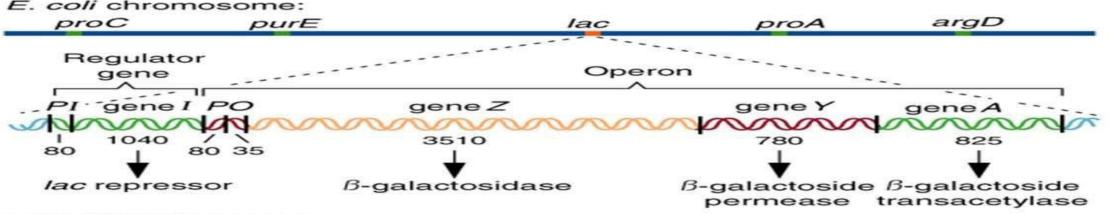


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FACULTY OF ENGINEERING & TECHNOLOGY DEPARTMENT OF BIOTECHNOLOGY

Lac 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.



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