

Lac Operon assignment question #5

5. Describe the part of gene expression also where this regulation takes place.

The Lac Operon is a transcription per our textbook it is an interaction that occurs at transcription initiation. The textbook goes on to say that with bacteria, multiple genes of a metabolic pathway are normally clustered in a group and are regulated together. This is accurate for both the catabolic and anabolic pathways. This is the most efficient way to function as with lactose and a lack of glucose it initiates or triggers transcription and can accelerate the process.