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# Igcse Biology 0610 Past Papers 6

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web jan 16 2023 regulatory sequences are regions of dna that play a crucial role in controlling gene expression in terms of increasing or decreasing the expression of certain genes in the organism essentially they can turn a gene on or off

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web jul 30 2022 gene regulation is how a cell controls which genes out of the many genes in its genome are turned on expressed thanks to gene regulation each cell type in your body has a different set of active genes despite the fact that almost all the cells of your body contain the exact same dna

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web a protein that binds to the operator and block attachment of rna polymerase to the promoter preventing transcription of the genes regulatory gene a gene that codes for a protein such as a repressor that controls the transcription of another gene or group of genes corepressor