
”What is a gene? The gene concept faced to recent advances in genetics, molecular and developmental biology.”

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Abstract

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The molecular concept of the gene, defined during the 1960s as a continuous segment of coding DNA has been faced to several drawbacks: the discovery of introns and the use of alternative promoters, the amount of non-coding regulatory signals, small and large regulatory non-coding RNAs, and last but not least, cell- and generation-transmitted epigenetics.

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