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生物技术—研究进展

RNA编辑研究进展

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摘要:

RNA编辑是近年来发现的一种转录后水平的修饰方式，通过改变单个核苷酸使得转录的成熟RNA与模板DNA的编码序列不完全一致。随着分子生物学的深入研究，一些新的RNA编辑类型不断被发现，有些编辑类型揭示RNA编辑具有一定的记忆功能。本文从RNA编辑的类型，RNA编辑的机制和生物学意义对RNA编辑进行简单的介绍。

关键词: 生物学意义

The Advances of RNA Editing

Abstract:

RNA editing is a post-transcriptional process changing the identity of individual nucleotides in a transcript, and made the mature RNA was not completely alike the coding sequence of its template DNA. With further researching of molecular biology, some new RNA-editing types were found, and some of which showed RNA editing had some memory function. In this study, RNA editing was simply introduced including its types, and its mechanism, and biological function.

Keywords: biological function

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