



Recoding: Expansion of Decoding Rules Enriches Gene Expression: 24 (Nucleic Acids and Molecular Biology)

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The literature on recoding is scattered, so this superb book fills a need by providing up-to-date, comprehensive, authoritative reviews of the many kinds of recoding phenomena. Between 1961 and 1966 my colleagues and I deciphered the genetic code in *Escherichia coli* and showed that the genetic code is the same in *E. coli*, *Xenopus laevis*, and guinea pig tissues. These results showed that the code has been conserved during evolution and strongly suggested that the code appeared very early during biological evolution, that all forms of life on earth descended from a common ancestor, and thus that all forms of life on this planet are related to one another. The problem of biological time was solved by encoding information in DNA and retrieving the information for each new generation, for it is easier to make a new organism than it is to repair an aging, malfunctioning one. Subsequently, small modifications of the standard genetic code were found in certain organisms and in mitochondria. Mitochondrial DNA only encodes about 10–13 proteins, so some modifications of the genetic code are tolerated that probably would be lethal if applied to the thousands of kinds of proteins encoded by genomic DNA.

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The reason? Because this Recoding: Expansion of Decoding Rules Enriches Gene Expression: 24 (Nucleic Acids and Molecular Biology) is an unordinary book that the inside of the publication waiting for you to snap it but latter it will shock you with the secret this inside. Reading this book adjacent to it was fantastic author who all write the book in such wonderful way makes the content interior easier to understand, entertaining method but still convey the meaning completely. So , it is good for you for not hesitating having this ever again or you going to regret it. This amazing book will give you a lot of advantages than the other book include such as help improving your proficiency and your critical thinking means. So , still want to hold off having that book? If I were being you I will go to the reserve store hurriedly.

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