Sidney P. Colowick and Nathan O. Kaplan

Methods in ENZYMOLOGY

Volume 65

Nucleic Acids

Part I

Edited by

Lawrence Grossman

Kivie Moldave

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Preface

During the interim following publication of Volumes XXIX, Part E and XXX, Part F of "Nucleic Acids and Protein Synthesis" there has been a remarkable transformation of DNA methodology. With the availability of restriction endonucleases which can recognize unique sequences, newer techniques which facilitate the sequencing of DNA, and DNA cloning methodology, the molecular biologist has at his disposal the most precise tools for isolating and characterizing gene structures and for closer examination of gene expression. This volume is dedicated to these newer methods and to Daniel Nathans and Hamilton O. Smith whose discoveries led to this explosion of new information. Their personal assistance facilitated the organization of this volume.

Recent advances in DNA methodology applied to gene expression and cloning, elaborated upon here, are presented in greater depth in Volume 68, "Recombinant DNA," edited by Ray Wu.

LAWRENCE GROSSMAN
KIVIE MOLDAVE

METHODS IN ENZYMOLOGY

EDITED BY

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