Gene Mapping
in
Laboratory Mammals
Part A

By the same author

Genetic Studies of the Rabbit	1958
Genetics of the Domestic Cat	1959
Genetics of the Norway Rat	1965
Lepidoptera Genetics	1971
Genetics for Cat Breeders	1971

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by
Roy Robinson

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Preface

The present work is an attempt to provide a systematic treatment of genetic linkage in diploid heredity. Part A presents a general account of statistical methods which can be brought to bear on the problem. The primary emphasis is on the practical aspects of estimation. A large proportion, if not the majority, of mutant genes fail to match up to 'textbook' genes—with faultless segregation ratios and expression—yet, these are the materials with which the practical researcher has to cope. For this reason, it is important to know how to deal with the assortment of genes which may display significant deviations from expectation.

Part B examines the accumulated data on linkage for most of the laboratory mammals and provides a comprehensive and up-to-date survey. The need for a critical review has often been expressed and it is hoped that the present analysis will fill the gap. The volume of material is probably the most important in the animal kingdom other than that for *Drosophila* species.

September, 1971

Roy Robinson

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Contents of Part B: Linkage in Mammalian Species

The following chapter headings will appear in Part B:

House Mouse · Norway Rat · Rabbit · Guinea Pig · Deermouse · Golden Hamster · Cat · Dog · American Mink
Index to Part B · Consolidated Index to Parts A and B.