

# Genome of Drosophila melanogaster

Academic Press - The three



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Drosophila melanogaster -- Cytogenetics

Drosophila melanogaster -- Geneticsgenome of Drosophila melanogaster

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Notes: Rev. ed. of: The genetic variations of Drosophila melanogaster

/ D.L. Lindsley and E.H. Grell. 1968.

This edition was published in 1992



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Tags: #[PDF] #The #Drosophila #melanogaster #genome.

## The three

Due to their low occurrence, these interactions are also less reproducible than intra-arm interactions, especially at low sequencing depth. For comparison, we also generated a population of structures using only Hi-C data, referred to hereafter as a control model.

## Drosophila\_melanogaster

Each probe on the array is represented by a vertical line, the color of which indicates the relative binding of the protein ranging from white equals background level to black equals strongest binding. Right panel: The position of FISH probes used for this study, relative to the pericentromeric regions of each chromosome chrX, chr2, chr4.

## Drosophila melanogaster Genome Project

This gene cluster is brought together by nearby active domains, which form frequent interactions. C DamID profile of GAL4-DBD and ChIP profile of Gaf visualized in the same SOM matrix as in A and B. Topological associated domains TADs are defined by observing an increased probability of interaction between chromatin regions in a domain relative to interactions between domains.

## The three

The genome encodes approximately 13,600 genes, somewhat fewer than the smaller *Caenorhabditis elegans* genome, but with comparable functional diversity. These genes were transcriptionally silenced and late-replicating. Therefore, both A and E are interpreted as ensemble averages.

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