

Interaction of Cdc2 with the Origin Recognition Complex at Origins of Replication in *Schizosaccharomyces Pombe*



Filesize: 4.64 MB

Reviews



This pdf is fantastic. Sure, it can be engage in, nevertheless an interesting and amazing literature. Its been developed in an remarkably straightforward way and is particularly merely after i finished reading through this publication where in fact transformed me, change the way in my opinion.
(Mr. Lee Simonis PhD)

INTERACTION OF CDC2 WITH THE ORIGIN RECOGNITION COMPLEX AT ORIGINS OF REPLICATION IN SCHIZOSACCHAROMYCES POMBE



To download **Interaction of Cdc2 with the Origin Recognition Complex at Origins of Replication in Schizosaccharomyces Pombe** PDF, remember to refer to the hyperlink listed below and download the ebook or gain access to additional information which are related to INTERACTION OF CDC2 WITH THE ORIGIN RECOGNITION COMPLEX AT ORIGINS OF REPLICATION IN SCHIZOSACCHAROMYCES POMBE ebook.

GRIN Verlag Jul 2007, 2007. Taschenbuch. Book Condition: Neu. 210x148x3 mm. This item is printed on demand - Print on Demand Neuware - Research Paper from the year 2004 in the subject Biology - Genetics / Gene Technology, grade: 1,0, TU Bergakademie Freiberg, 34 entries in the bibliography, language: English, abstract: Eukaryotic DNA replication depends on the origin recognition complex (ORC) which is conserved from yeast to humans. Activity of replication factors including ORC is coordinated with the cell cycle progression to ensure that the entire genome is copied exactly once per cell cycle. This coordination depends on Cdc2 (cell division cycle 2), also highly conserved across all eukaryotes, which binds to the origin recognition complex. This book presents research results of the chromatin cross-linking immuno-precipitation (ChIP) procedure to determine (1) if Cdc2 kinase is localized at DNA replication origin as predicted by current models, (2) when this happens and (3) what the genetic requirements for that localization are. Furthermore the binding ability of different ORC and cdc2 mutants was tested, as well as the influence of Cdc18 on the ORC-Cdc2 interaction. This is particularly interesting, since those regulations ensure genome stability. Studying these pathways in yeast gives us insights into the mechanisms that are critical in mammalian cells to prevent cancer. 44 pp. Englisch.

-  [Read Interaction of Cdc2 with the Origin Recognition Complex at Origins of Replication in Schizosaccharomyces Pombe Online](#)
-  [Download PDF Interaction of Cdc2 with the Origin Recognition Complex at Origins of Replication in Schizosaccharomyces Pombe](#)

Other Books



[PDF] Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities (Paperback)

Follow the hyperlink below to get "Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities (Paperback)" document.

[Save eBook »](#)



[PDF] Psychologisches Testverfahren

Follow the hyperlink below to get "Psychologisches Testverfahren" document.

[Save eBook »](#)



[PDF] Programming in D

Follow the hyperlink below to get "Programming in D" document.

[Save eBook »](#)



[PDF] From Kristallnacht to Israel: A Holocaust Survivor s Journey (Paperback)

Follow the hyperlink below to get "From Kristallnacht to Israel: A Holocaust Survivor s Journey (Paperback)" document.

[Save eBook »](#)



[PDF] From Dare to Due Date (Paperback)

Follow the hyperlink below to get "From Dare to Due Date (Paperback)" document.

[Save eBook »](#)



[PDF] History of the Town of Sutton Massachusetts from 1704 to 1876 (Paperback)

Follow the hyperlink below to get "History of the Town of Sutton Massachusetts from 1704 to 1876 (Paperback)" document.

[Save eBook »](#)