



Chromatin assembly by CAF-1 during homologous recombination

By Violen Petrobon

LAP Lambert Academic Publishing Feb 2015, 2015. Taschenbuch. Book Condition: Neu. 220x150x12 mm. This item is printed on demand - Print on Demand Neuware - The replication of chromosomes can be challenged by endogenous and environmental factors, interfering with the progression of replication forks. Therefore, cells have to coordinate DNA synthesis with mechanisms ensuring the stability and the recovery of halted forks. Homologous recombination (HR) is a universal mechanism that supports DNA repair and the robustness of DNA replication. Nonetheless, mechanisms regulating HR pathways, such as ectopic versus allelic recombination, remain poorly understood. Another essential pathway for genome stability is the wrapping of newly replicated DNA around nucleosomes, which allows the structural organization of the genetic material. Histone chaperones play a crucial role during chromatin assembly, thus I decided to focus on the H3-H4 histone chaperone Chromatin Assembly Factor 1 (CAF-1), to study its role in HR processes in *S. pombe*. My data support a model according to which CAF-1 allows the stabilization of early recombination intermediates, via nucleosome deposition during the elongation of these intermediates. Therefore, CAF-1 appears to be part of an equilibrium that regulates stability/dissociation of early steps of recombination events. 204 pp. Englisch.



READ ONLINE
[7.2 MB]

Reviews

An exceptional pdf and also the typeface applied was intriguing to read through. It is definitely simplified but excitement in the 50 % in the ebook. I discovered this ebook from my dad and i recommended this pdf to find out.

-- Jarod Ward

Complete information for publication enthusiasts. It is really basic but shocks inside the fifty percent of your book. I am just delighted to let you know that this is basically the finest book i have read through in my individual lifestyle and might be he best pdf for actually.

-- Elena Runolfsdottir Sr.

See Also



Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG, Eignungstest für das Medizinstudium, Adult Attachment Interview,...



Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers who are new to computer programming. Although...



Read Write Inc. Phonics: Yellow Set 5 Storybook 7 Do We Have to Keep it?

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 211 x 101 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read Write Inc. Set 1 and 2 sounds....



Sport is Fun (Red B) NF

Pearson Education Limited. Paperback. Book Condition: new. BRAND NEW, Sport is Fun (Red B) NF, Dianne Irving, This title is part of Pearson's Bug Club - the first whole-school reading programme that joins books and an online reading world to teach today's...



The Java Tutorial (3rd Edition)

Pearson Education, 2001. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Praise for "The Java' Tutorial, Second Edition" includes: "This book stands above the rest because it has..."



101 Ways to Beat Boredom: NF Brown B/3b

Pearson Education Limited. Paperback. Book Condition: new. BRAND NEW, 101 Ways to Beat Boredom: NF Brown B/3b, Anna Claybourne, This title is part of Bug Club, the first whole-school reading programme to combine books with an online reading world to teach today's...