Badrinarayanan

SMC Complexes

Methods and Protocols

This book brings together recent methods and theoretical approaches developed to dissect the activity and function of bacterial and eukaryotic **S** tructural **M** aintenance of **C** hromosome (SMC) proteins. The protocols explore numerous subjects such as depletion systems to assess SMC function, genetic manipulation of SMC proteins, chromosomal, biochemical, and microscopy-based assays of SMC activity, as well as theoretical modeling of SMC activity. Written for the highly successful *Methods in Molecular Biology* series, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls.
Authoritative and practical, *SMC Complexes: Methods and Protocols* will greatly aid researchers looking into the mechanism of action of SMC complexes on DNA.
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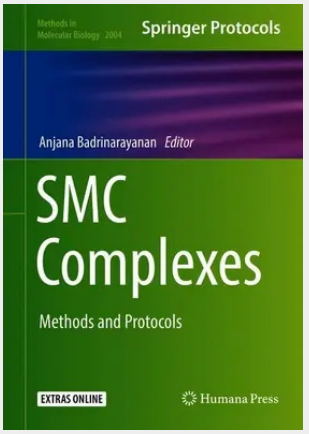

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