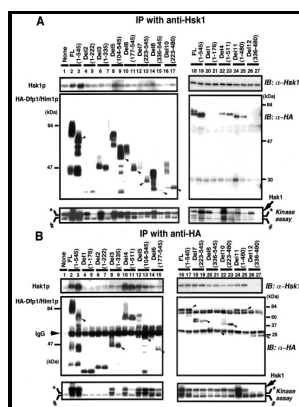


Novel function of the S phase regulator Dfp1

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Description: -

-novel function of the S phase regulator Dfp1

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Canadian theses = -- Th'es es canadiennesnovel function of the S phase regulator Dfp1

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Location, location, location: it's all in the timing for replication origins

Reducing the amount of Mcm2-7 bound to one to two complexes per origin has been shown to have little effect on the efficiency of DNA replication under normal circumstances, so a very low level of Mcm2-7 chromatin binding during the MI—MII interval may be sufficient for the partial replication detected. Finally, Dfp1 phosphorylation may not influence Hsk1 activity directly but, rather, might alter Dfp1 stability. Detection of cen1-GFP signal s in the nucleus of S.

First the CDKs, now the DDKs

DISCUSSION The identification of Dfp1 as a subunit of Hsk1 kinase led us to speculate that Dfp1 was a regulator of Hsk1 kinase activity during cell cycle progression. Studies of CEN replication timing in the related budding yeast *Candida albicans* provided further evidence that the presence of a functional CEN establishes early replication timing. Protein analysis Protein extracts were made by TCA extraction and analyzed by Western blotting as described previously.

Understanding voltage regulators

Reactions were stopped by the addition of 0. J Cyst Fibros 2014; 13: 403—409.

Understanding voltage regulators

Cds1 kinase activation, which normally occurs in response to early S phase arrest by nucleotide deprivation, is largely impaired in hsk1-89.

AVR Guide: Phases and Phase Regulation

Arrows and blocking arrows regulating Cdc45 recruitment are not implied to act directly.

Cell cycle regulation in *Schizosaccharomyces pombe*

Values are expressed as percentage of non-CF controls considered as 100% value.

Regulation of Initiation of S Phase, Replication Checkpoint Signaling, and Maintenance of Mitotic Chromosome Structures during S Phase by Hsk1 Kinase in the Fission Yeast

From the example, note that for the same transformer kVA, a different regulator kVA is required for a wye-connected system than for a delta-connected system. An additional finding of our study is a significant difference between the phenotype of *dfp1-r35* mutants in haploid and diploid driven meiosis, with the haploid being more severely affected.

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