

Table S1. Fission yeast strains employed in this study

Generic Protein Name	Relevant genotype	Strain	Reference
wild type	wild type	501	(Manolis et al., 2001; Murray et al., 1992)
Dbf4	<i>dfp1-564</i> (Δ 13-193)	GBY564	(Fung et al., 2002)
Dbf4	<i>dfp1-565</i> (Δ 13-240)	GBY565	(Fung et al., 2002)
Dbf4	<i>dfp1-566</i> (Δ 183-191)	GBY566	(Fung et al., 2002)
Dbf4	<i>dfp1-AF6</i> (1-459)	AFY6	(Fung et al., 2002)
Dbf4	<i>dfp1-AF7</i> (1-376)	AFY7	(Fung et al., 2002)
Orc2	<i>orp2-2</i> (ts)	JLP208	(Kiely et al., 2000)
Orc2	<i>orp2-7</i> (ts)	JLP216	(Kiely et al., 2000)
Orc5	<i>orp5-H19</i> (ts)	H19	This study
Orc5	<i>orp5-H30</i> (ts)	H30	This study
Orc5	<i>orp5-H37</i>	H37	This study

Cdc6	<i>cdc18-K46</i>	Cdc18-K46	(Greenwood et al., 1998)
Ku70	<i>pku70Δ</i>	1773	(Manolis et al., 2001)
DNA ligase IV	<i>lig4Δ</i>	K1	(Manolis et al., 2001)
Damage-specific checkpoint mediator (Rad9 in budding yeast)	<i>rhp9Δ</i>	sp.391	(Willson et al., 1997)
Srs2 helicase	<i>srs2Δ</i>	SZ242	(Marchetti et al., 2002)
RecQ; Bloom's syndrome helicase	<i>rqh1Δ</i>	SZ243	(Marchetti et al., 2002)
Mre11	<i>rad32Δ</i>	EH62	(Tavassoli et al., 1995)
Rad50	<i>rad50Δ</i>	EH19	(Marchetti et al., 2002)
checkpoint-Rad proteins	<i>rad1Δ, rad3Δ, rad9Δ, rad17Δ, rad26Δ, hus1Δ</i>	Various	(Marchetti et al., 2002)
Chk1	<i>chk1Δ</i>	1098	(Al-Khodairy et al., 1994)
Chk2/Cds1	<i>cds1Δ</i>	1561	(Murakami and Okayama, 1995)
Cdk1/Cdc2	<i>cdc2-Y15F</i>	KGY14	(Gould and Nurse, 1989)
Double mutant strains were constructed by mating, followed by selection for appropriate markers or identification of appropriate phenotypes.			

The column “Generic Protein Name” refers to the generic name of the protein whose gene is mutated in the indicated strain. In the column “Relevant genotype”, only the relevant mutations are indicated. Other non-relevant mutations (markers) can be found in the indicated references.

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