

Table S1. Yeast strains used in the study.

Strain	Genotype
HM1307	<i>h⁺/h⁺ pat1-114/pat1-114 ade6-M210/ade6-M216</i>
HM2163	<i>h⁺/h⁺ pat1-114/pat1-114 mei4::<i>ura4</i>/mei4::<i>ura4 ura4-D18/ura4-D18 leu1-32/leu1-32 ade6-M210/ade6-M216</i></i>
HM4582	<i>h⁺/h⁺ pat1-114/pat1-114 mei4::<i>kan^r-P3-nmt1-mei4⁺</i>/mei4::<i>kan^r-P3-nmt1-mei4⁺ ade6-M210/ade6-M216</i></i>
HM4732	<i>h⁻/h⁻ pat1-114/pat1-114 cdc25-GFP-kan/+ wee1-HA-kan/+ ade6-M210/ade6-M216</i>
HM4735	<i>h⁺/h⁺ pat1-114/pat1-114 mei4::<i>kan^r-P3-nmt1-mei4⁺</i>/mei4::<i>kan^r-P3-nmt1-mei4⁺ cdc25-GFP-kan/+ wee1-HA-kan/+ ade6-M210/ade6-M216</i></i>
HM4833	<i>h⁻/h⁻ pat1-114/pat1-114 mei4::<i>ura4</i>/mei4::<i>ura4 cdc25-GFP-kan/+ wee1-HA-kan/+ ura4-D18/ura4-D18 ade6-M210/ade6-M216</i></i>
HM5678	<i>h⁻/h⁻ pat1-114/pat1-114 wee1-DF1234/wee1-DF1234 ade6-M210/ade6-M216</i>

Table S2. Primers and double-stranded oligonucleotides used in the study.

Primer or probe number	Sequence (5' to 3')
477	CCGGAATTCTTCTACTCCTGCTCAGAAG
478	CCGGGATCCGGACGAGGTGAGAGCAGAAG
740	AAATATTTGAGTAAACAAACAAAATCA
741	TGATTTTGTTTGTTTACTCAAATATTT
742	CCCTCTTTCTTTGTTTCCTTAT
743	ATAAGGAACAAAGAAAGAGGG
860	ATCTCTCATTTGTTTACTGGTTATTCC
861	GGAATAACCAGTAAACAAATGAGAGAT
862	TTCCTTTGATTATTTACTTTATATATA
863	TATATATAAAGTAAATAATCAAAGGAA
866	TTGAATGCTTAGAGGGCACTT
867	TTAAGGGTTGCATGGGATAA
868	CGGGATCTCTCATTTGTTTA
869	AAGGTCACACACTGGAGACT
870	ATGCTGAAAACCGAGTACAA
871	CGAGACAAAGGCAATAACTT
872	ACTAACGAGCAGGTCATTGT
873	GACCCGTATCTTCGTACATC
907	GCCAGATAAATGAGTTT
908	AAACTCATTTATCTGGC
909	TTTTCTATTTACCTTTT
910	AAAAGGTAAATAGAAAA
911	TTCCTGTTTCTGTTTACATTTTTTTTCA
912	TGAAAAAAATGTAAACAGAAACAGGAA
913	CATCGGAAAAGTAAGCTACT
914	AGGTAGTTTTGGGATCAGAG
915	TATTTTTCTCCTTCGGTTCT
916	GAATCAAACCATCCAAAGT
1040	CGAATGAACTGTTTCGATTG
1041	TGTTGCTTGTGTCAGGAAAGTG