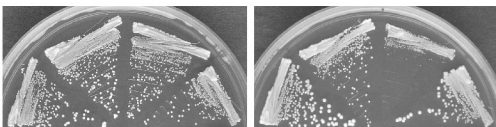
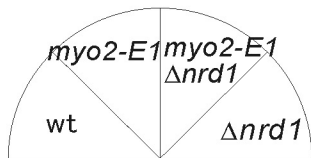


Supplemental Figure Legends

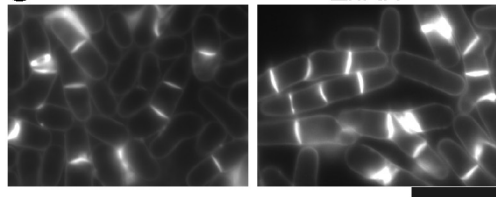
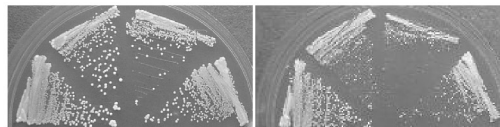
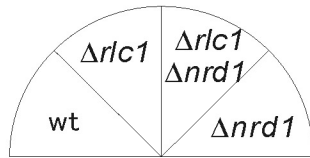
Figure S1. Nrd1 exhibits genetic interactions with type II myosin. (A) The Nrd1 deletion exacerbated the phenotypes of the *myo2-E1* mutants. Cells as indicated were streaked onto YPD plates and incubated at the indicated temperatures. (B) The Nrd1 deletion exacerbated the phenotypes of the $\Delta rlc1$ mutants. Cells as indicated were streaked onto YPD plates and incubated at the temperature as indicated. (C, D) Cells as indicated were incubated at 30°C and then stained with calcofluor to visualize the cell wall and septum. Bar, 10 μ m.

Figure S2. Pmk1 exhibits genetic interactions with type II myosin. (A) Pmk1 deletion suppresses the temperature sensitivity of the *cdc4-312* mutants. Cells as indicated were analyzed as described in Figure 1A. (B) Pmk1 deletion affects the cytokinesis defects of the *cdc4-312* mutants. Cells as indicated were incubated at 27°C and then stained with calcofluor to visualize the cell wall and septum. Bar, 10 μ m. (C) Pmk1 deletion rescued the phenotypes of the $\Delta rlc1$ mutants. Cells as indicated were streaked onto YPD plates and incubated at the temperature as indicated. (D) Pmk1 deletion affects the cytokinesis defects of the $\Delta rlc1$ mutants. Cells as indicated were incubated at 30°C and then stained with calcofluor to visualize the cell wall and septum. Bar, 10 μ m. (E) Pmk1 deletion rescued the temperature sensitivity of the *myo2-E1* mutants. Cells as indicated were streaked onto YPD plates and incubated at the temperature as indicated. (F) Pmk1 deletion failed to rescue the cytokinesis defects of the *myo2-E1* mutants. Cells as indicated were analyzed as in (B). Bar, 10 μ m.

A

27°C

30°C

C*myo2-E1**myo2-E1*
 $\Delta nrd1$ **B**

30°C

23°C

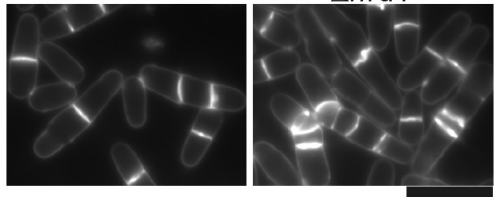
D $\Delta rlc1$ $\Delta rlc1$
 $\Delta nrd1$ 

Figure S1 Satoh *et al.*,

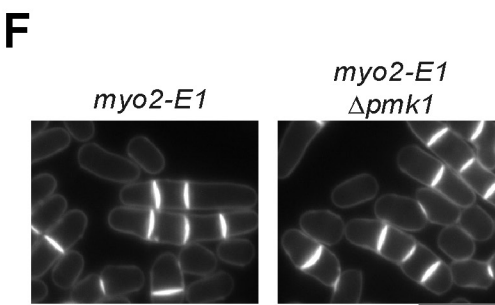
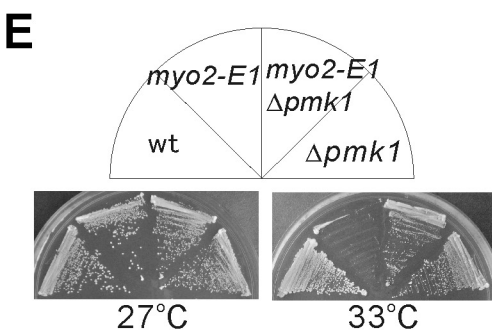
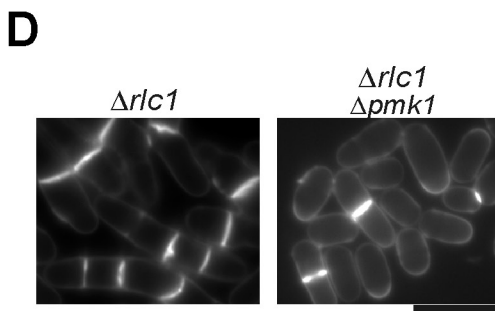
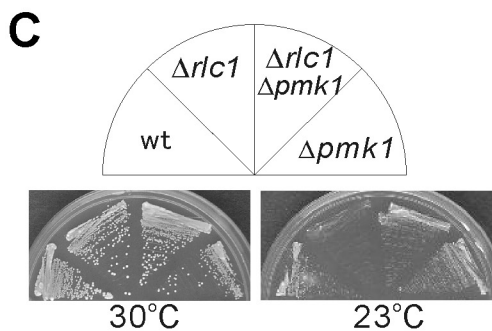
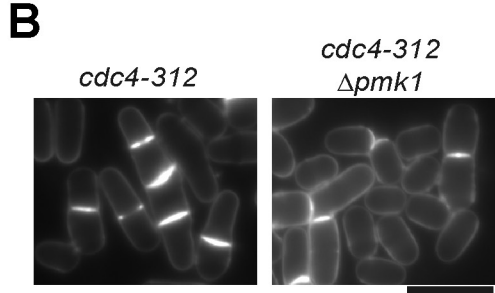
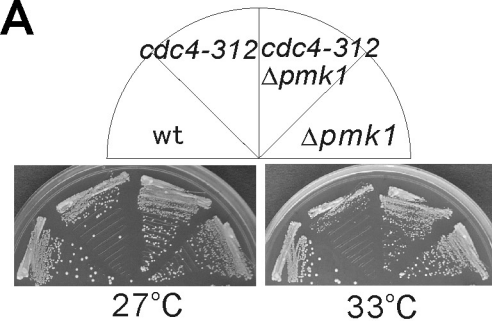


Figure S2 Satoh *et al.*,

Supplementary Table 1.

Genetic interactions between *Δnrd1* and genes regulating cytokinesis

		Phenotypes of double mutant with <i>nrd1Δ</i>	
Strain	Gene product	Growth	Cell separation phenotype
<i>Δrlc1</i>	Regulatory light chain	SG	aggravated
<i>myo2-E1</i>	Myosin II heavy chain	SG	aggravated
<i>Δmyo3</i>	Myosin II heavy chain	SG	aggravated
<i>rng2-D5</i>	IQGAP	No effect	No effect
<i>rng3-65</i>	UCS-domain protein	improved	improved
<i>cdc12-112</i>	Formin	No effect	No effect
Growth of each double mutant strain was compared with those of the corresponding parental strains. SG, slow growth under restrictive conditions			

Supplementary Table 2.

Genetic interactions between $\Delta pmk1$ and genes regulating cytokinesis

		Phenotypes of double mutant with <i>pmk1</i> Δ	
Strain	Gene product	Growth	Cell separation phenotype
<i>$\Delta rlc1$</i>	Regulatory light chain	improved	improved
<i>myo2-E1</i>	Myosin II heavy chain	improved	No effect
<i>$\Delta myo3$</i>	Myosin II heavy chain	improved	No effect
<i>rng2-D5</i>	IQGAP	No effect	No effect
<i>rng3-65</i>	UCS-domain protein	No effect	No effect
<i>cdc12-112</i>	Formin	No effect	No effect
Growth of each double mutant strain was compared with those of the corresponding parental strains. SG, slow growth under restrictive conditions			