Appendix IVa: Time courses experimental conditions

Experiment	Strain	Timepoints	Sample label	Reference	Ref label	Media	Temp (ºC)	Sample OD	Array batch number
Elutriation I	*972 h-*	20	Cy3	Asynchronous *972 h-*	Cy5	EMM	30	0.65	137 & 140
Elutriation II	*972 h-*	20	Cy5	Asynchronous *972 h*	Cy3	EMM	30	0.24	228 & 232
Elutriation III	*972 h-*	20	Cy5	Asynchronous *972 h*	Cy3	EMM	30	0.15	489
cdc25 b&r I	*cdc25-22 h-*	18	Cy3	Asynchronous *cdc25-22 h-*	Cy5	YE	25	0.34	40 & 70
cdc25 b&r I dye swap	*cdc25-22 h-*	18	Cy5	Asynchronous *cdc25-22 h-*	Cy3	YE	25	0.34	40 & 70
cdc25 b&r II	*cdc25-22 h-*	19	Cy5	Asynchronous *cdc25-22 h-*	Cy3	EMM	25	0.19	292
cdc25 elu + b&r	*cdc25-22 h-*	22	Cy5	Asynchronous *cdc25-22 h-*	Cy3	EMM	25	0.22	226, 228 & 232
cdc10 elu + b&r	*cdc10-129 h-*	22	Cy5	Asynchronous *cdc10-129 h-*	Cy3	EMM	25	0.30	331 & 334
cdc10::ura4	*cdc10::ura4 leu1-32 ura4-D18 ade6-M210 + pREP1-HA-res1(1-192)*	3	Cy5	Untreated cdc10::ura4	Cy3	EMM ade	30	0.2	477
cig1Δ cig2Δ puc1Δ elu	*cig1::ura4 cig2::ura4 puc1::ura4*	6	Cy5	Asynchronous *cig1::ura4 cig2::ura4 puc1::ura4 h-*	Cy3	EMM	30	0.15	477
HU b&r	*972 h-*	4	Cy3	Untreated *972 h-*	Cy5	EMM	32	0.08	489
nda3	*nda3-KM311 h-*	3	Cy5	Untreated nda3	Cy3	EMM		0.23	477
sep1 b&r	*cdc25-22 sep1::ura4 h-*	20	Cy5	*cdc25-22 sep1::ura4 h-*	Cy3	EMM	25	0.12	331 & 334
wt b&r	*972 h-*	18	Cy3	*972 h-*	Cy3	EMM	25	0.15	782 & 784

0.5 OD = 1 X 10^7

Appendix IVb: Mutant strains experimental conditions

Experiment	Strain	Sample label	Reference	Ref label	Media	Temp (ºC)	Sample OD	Array batch number
ace2 #1	*ace2Δ::kanMX6 ade6-M21?h-*	Cy5	*972 h-*	Cy3	EMM ade	32	0.22	489-48
ace2 #2		Cy3		Cy5			0.23	489-7
ace2 #3		Cy5		Cy3			0.23	489-14
ace2 #4		Cy5		Cy3			0.24	489-12
ace2 #5		Cy5		Cy3			0.33	668-2
ace2 sep1 #1	*ace2Δ::kanMX6 sep1::ura4 ade6-M21? leu1-32*	Cy5	*972 h-*	Cy3	EMM ura ade leu	30	0.26	668-9
ace2 sep1 #2		Cy5		Cy3			0.32	668-10
atf1 #1	*atf1Δ::ura4 ura4-D18 h-*	Cy5	*972 h-*	Cy3	YE	25	0.18	596-21
atf1 #2		Cy5		Cy3			0.21	599-2
cdc10-C4 #1	*cdc10-C4 leu1-32 h+*	Cy5	*972 h$^+$*	Cy3	EMM	25	0.23	489-10
cdc10-C4 #2		Cy5		Cy3			0.24	489-11
cdc10-C4 #3		Cy3		Cy5			0.23	334-19
cdc10-C4 #4		Cy5		Cy3			0.24	334-17
fhl1 #1	*SPAC8C9.01Δ::kanMX6 h90*	Cy3	*972 h-*	Cy5	EMM	25	0.23	334-22
fhl1 #2		Cy5		Cy3			0.23	334-11
fhl1 #3		Cy5		Cy3			0.22	668-41
fkh2 #1	*SPBC16G5.15c::ura4 leu1-32 ura4-D18 ade6-M21? his7-366 h-*	Cy5	*972 h-*	Cy3	YE	30	0.20	560-42
fkh2 #2		Cy5		Cy3			0.20	560-45
mbx1 #1	*mbx1::kanMX6 leu1-32 ura4-D18 ade6-M210 his7-366 h-*	Cy5	*972 h-*	Cy3	EMM leu ura ade his	25	0.23	334-18
mbx1 #2		Cy3		Cy5			0.22	334-20

Experiment	Strain	Sample label	Reference	Ref label	Media	Temp (ºC)	Sample OD	Array batch number
meu3 #1	*meu3::kanMX6 ade6-M21?h-*	Cy5	*972 h-*	Cy3	EMM ade	32	0.23	489-49
meu3 #2		Cy3		Cy5			0.23	489-8
meu19 #1	*meu19::kanMX6 ade6-M21?h-*	Cy5	*972 h-*	Cy3	EMM ade	32	0.22	489-50
meu19 #2		Cy3		Cy5			0.25	489-9
pcr1 #1	*pcr1::ura4 h-*	Cy5	*972 h-*	Cy3	YE	25	0.24	489-17
pcr1 #2		Cy5		Cy3			0.21	560-46
prr1 #1	*prr1Δ::his7 his7? h-*	Cy3	*972 h-*	Cy5	EMM	25	0.23	334-21
prr1 #2		Cy5		Cy3			0.22	334-12
sep1 #1	*sep1Δ h-*	Cy5	*972 h-*	Cy3	EMM	25	0.24	489-13
sep1 #2		Cy3		Cy5			0.25	334-23
sep1 #3		Cy5		Cy3			0.24	334-14
sep1 #4		Cy5		Cy3			0.23	668-5
fhl1 sep1 #1	*SPAC8C9.01Δ::kanMK6 sep1::ura4 ade6-M21? leu1-32 h-*	Cy5	*972 h-*	Cy3	EMM ura ade leu	30	0.23	668-39
fhl1 sep1 #1		Cy5		Cy3			0.23	668-27
ace2 OE #1	*leu1-32 h- pREP3X-ace2*	Cy5	*leu1-32 h- pREP3X*	Cy3	EMM, 15 μM thiamine	32	0.06	596-3
ace2 OE #2		Cy5		Cy3			0.12	560-31
fhl1 OE #1	*leu1-32 h- pREP3X-fhl1*	Cy5		Cy3		32	0.03	596-4
fhl1 OE #2		Cy5		Cy3			0.08	560-47
fkh2 OE #1	*leu1-32 h- pREP3X-fkh2*	Cy5		Cy3		32	0.07	596-20
fkh2 OE #2		Cy5		Cy3			0.04	596-10
sep1 OE #1	*leu1-32 h- pREP3X-sep1*	Cy5		Cy3		32	0.23	596-22
sep1 OE #2		Cy5		Cy3			0.17	596-19

0.5 OD = 1 X 10^7