Table S1. **FACS analysis of Pot1p-GFP in signaling molecule deletion strains in glucose, 6-h glycerol, 3-h oleate, and 6-h oleate**

A. Glucose

Standard name	Systematic name	Glucose	SD	Z value
cax4	YGR036C	8.87	1.12	6.23
ssn3	YPL042C	8.02	3.23	5.33
elm1	YKL048C	7.95	0.62	5.27
hrr25	YPL204W	7.65	0.27	4.96
pho85	YPL031C	7.1	0.06	4.38
dbf2	YGR092W	6.65	1.25	3.91
ctk1	YKL139W	5.65	0.47	2.87
yck3	YER123W	5.59	1.31	2.8
bck2	YER167W	5.28	1.03	2.49
bud32	YGR262C	5.04	0.05	2.24
ctk3	YML112W	4.63	0.92	1.81
by4742	by4742	4.48	0.86	1.66
kin3	YAR018C	4.47	0.24	1.65
adk1	YDR226W	4.44	0.09	1.61
vps15	YBR097W	4.41	1.1	1.58
gin4	YDR507C	4.22	0.72	1.39
cln3	YAL040C	4.01	0.76	1.16
cdc19	YAL038W	3.94	0.49	1.09
cla4	YNL298W	3.77	0.44	0.91
sit4	YDL047W	3.7	0.73	0.84
ypk1	YKL126W	3.67	0.21	0.81
pph21	YDL134C	3.62	0.45	0.76
pro1	YDR300C	3.51	0.81	0.64
ssk1	YLR006C	3.42	0.43	0.55
rts1	YOR014W	3.36	0.07	0.49
fab1	YFR019W	3.36	0.38	0.48
tpd3	YAL016W	3.3	2.5	0.43
hsl1	YKL101W	3.3	0.35	0.42
tps2	YDR074W	3.3	0.3	0.42
sfk1	YKL051W	3.3	0.35	0.42
ark1	YNL020C	3.29	0.08	0.41
pph3	YDR075W	3.28	0.38	0.4
ssk22	YCR073C	3.23	0.51	0.35
hec1	YIL144W	3.22	0.49	0.34
ssu72	YNL222W	3.2	0.12	0.32
dig1	YPL049C	3.2	0.27	0.32
snf1	YDR477W	3.19	0.38	0.31
kcc4	YCL024W	3.19	0.54	0.31
yck1	YHR135C	3.18	0.27	0.3

dpp1	YDR284C	3.18	0.33	0.3
hom3	YER052C	3.17	0.61	0.29
his2	YFR025C	3.17	0.28	0.29
cdc15	YAR019C	3.17	0.16	0.29
gcn20	YFR009W	3.15	0.35	0.27
lsp1	YPL004C	3.15	0.43	0.26
kns1	YLL019C	3.15	0.47	0.26
dun1	YDL101C	3.14	0.24	0.26
sap190	YKR028W	3.12	0.43	0.24
akl1	YBR059C	3.12	0.41	0.24
ptp3	YER075C	3.12	0.38	0.24
cak1	YFL029C	3.11	0.02	0.23
chk1	YBR274W	3.09	0.27	0.21
hnt1	YDL125C	3.08	0.31	0.2
pcl6	YER059W	3.07	0.45	0.19
kin82	YCR091W	3.07	0.46	0.19
dbf4	YDR052C	3.05	0.33	0.16
ptc1	YDL006W	3.03	0.17	0.14
adk2	YER170W	3.02	0.26	0.13
ydl025c	ydl025c	3.01	0.29	0.13
sip1	YDR422C	3.01	0.52	0.13
apm3	YBR288C	3.01	0.41	0.12
yer134c	yer134c	3.01	0.25	0.12
tos3	YGL179C	2.99	0.24	0.1
sac1	YKL212W	2.99	0.42	0.1
vhs3	YOR054C	2.99	0.06	0.1
arg82	YDR173C	2.98	0.51	0.09
ycr079w	ycr079w	2.98	0.33	0.09
pph2	YDL134C	2.98	0.32	0.09
pcl9	YDL179W	2.97	0.27	0.08
alk1	YGL021W	2.97	0.28	0.08
prr1	YKL116C	2.96	0.43	0.07
sat4	YCR008W	2.96	0.35	0.07
psk1	YAL017W	2.95	0.33	0.06
mkk1	YOR231W	2.95	0.49	0.06
pho8	YDR481C	2.95	0.38	0.06
fus3	YBL016W	2.94	0.39	0.05
rck1	YGL158W	2.93	0.16	0.04
pho3	YBR092C	2.92	0.49	0.03
sok1	YDR006C	2.92	0.48	0.03
ppm1	YDR435C	2.91	0.26	0.02
lpp1	YDR503C	2.91	0.3	0.01
glc8	YMR311C	2.91	0.15	0.01

eki1	YDR147W	2.91	0.25	0.01
yak1	YJL141C	2.88	0.19	-0.01
pps1	YBR276C	2.88	0.36	-0.01
pex3	YDR329C	2.87	0.27	-0.02
snf4	YGL115W	2.86	0.3	-0.03
ckb1	YGL019W	2.86	0.24	-0.03
prr2	YDL214C	2.86	0.14	-0.03
kin1	YDR122W	2.86	0.25	-0.04
scy1	YGL083W	2.85	0.42	-0.05
rbs1	YDL189W	2.85	0.45	-0.05
mrk1	YDL079C	2.84	0.43	-0.05
ybr028c	ybr028c	2.84	0.15	-0.05
dak2	YFL053W	2.84	0.25	-0.05
dig2	YDR480W	2.84	0.26	-0.06
cmk1	YFR014C	2.83	0.23	-0.06
ptc2	YER089C	2.82	0.41	-0.07
kin28	YDL108W	2.82	0.2	-0.08
atg1	YGL180W	2.82	0.25	-0.08
ado1	YJR105W	2.82	0.02	-0.08
ste7	YDL159W	2.81	0.17	-0.09
pho5	YBR093C	2.8	0.38	-0.1
ptc4	YBR125C	2.79	0.21	-0.1
cln1	YMR199W	2.79	0.02	-0.1
met14	YKL001C	2.79	0.09	-0.11
pkh1	YDR490C	2.79	0.25	-0.11
pkh3	YDR466W	2.78	0.3	-0.12
mps1	YDL028C	2.76	0.35	-0.13
reg1	YDR028C	2.76	0.31	-0.14
ypr161c	ypr161c	2.76	0.03	-0.14
ppz2	YDR436W	2.75	0.09	-0.15
ppz1	YML016C	2.75	0.09	-0.15
reg2	YBR050C	2.74	0.28	-0.16
sho1	YER118C	2.74	0.23	-0.16
pak1	YER129W	2.74	0.24	-0.16
gcn2	YDR283C	2.73	0.24	-0.17
cki1	YLR133W	2.73	0.25	-0.17
dog1	YHR044C	2.72	0.29	-0.18
hor2	YER062C	2.72	0.19	-0.18
ptk1	YKL198C	2.7	0.23	-0.2
mec1	YBR136W	2.7	0.07	-0.2
ppe1	YHR075C	2.7	0.28	-0.2
gal83	YER027C	2.69	0.37	-0.21
hdg1	YLR113W	2.69	0.35	-0.21

ptp1	YDL230W	2.69	0.29	-0.21
tps3	YMR261C	2.67	0.08	-0.23
rio1	YOR119C	2.66	0.06	-0.25
hal5	YJL165C	2.66	0.25	-0.25
ptc5	YOR090C	2.65	0.02	-0.25
erg12	YMR208W	2.65	0.02	-0.26
cdc5	YMR001C	2.65	0.06	-0.26
arg5.6	YER069W	2.64	0.18	-0.27
kin2	YLR096W	2.63	0.2	-0.27
cka2	YOR061W	2.63	0.02	-0.27
ppg1	YNR032W	2.63	0.21	-0.28
tel1	YBL088C	2.62	0.62	-0.28
ypk2	YMR104C	2.62	0.25	-0.29
pcl1	YNL289W	2.62	0.06	-0.29
utr1	YJR049C	2.6	0.27	-0.3
sks1	YPL026C	2.6	0.03	-0.3
cbk1	YNL161W	2.57	0.09	-0.34
ygr205w	ygr205w	2.57	0.01	-0.34
ire1	YHR079C	2.56	0.32	-0.35
cka1	YIL035C	2.55	0.08	-0.35
bck1	YJL095W	2.55	0.17	-0.36
hxk2	YGL253W	2.54	0.17	-0.37
lcb3	YJL134W	2.53	0.29	-0.37
ste20	YHL007C	2.53	0.03	-0.37
lsb6	YJL100W	2.53	0.06	-0.37
lcb5	YLR260W	2.53	0.02	-0.38
ptp2	YOR208W	2.51	0.03	-0.39
bro1	YPL084W	2.51	0.12	-0.4
psr1	YLL010C	2.5	0.13	-0.4
prk1	YIL095W	2.49	0.03	-0.42
stt4	YLR305C	2.49	0.03	-0.42
spl2	YHR136C	2.49	0.16	-0.42
ypl150w	ypl150w	2.49	0.2	-0.42
sdp1	YIL113W	2.48	0.07	-0.43
pbs2	YJL128C	2.48	0.03	-0.43
sln1	YIL147C	2.47	0.06	-0.44
ykl171w	ykl171w	2.46	0.1	-0.45
tpp1	YMR156C	2.45	0.03	-0.46
psr2	YLR019W	2.45	0.03	-0.46
inp51	YIL002C	2.45	0.02	-0.46
pip2	YOR363C	2.45	0.01	-0.46
ime2	YJL106W	2.44	0.16	-0.47
ppq1	YPL179W	2.44	0.03	-0.47

kin4	YOR233W	2.44	0.09	-0.47
dak1	YML070W	2.44	0.11	-0.47
thi22	YPR121W	2.43	0.1	-0.48
phr2	YIL053W	2.43	0.08	-0.48
sch9	YHR205W	2.42	0.12	-0.49
pos5	YPL188W	2.42	0.21	-0.49
tpk1	YJL164C	2.42	0.16	-0.5
tor2	YKL203C	2.42	0.14	-0.5
thi21	YPL258C	2.42	0.01	-0.5
rrd1	YIL153W	2.42	0.21	-0.5
tsl1	YML100W	2.41	0.15	-0.5
rck2	YLR248W	2.41	0.05	-0.5
kkq8	YKL168C	2.41	0.14	-0.5
ser2	YGR208W	2.41	0.24	-0.5
ptc7	YHR076W	2.4	0.01	-0.51
ssk2	YNR031C	2.4	0.17	-0.51
inp52	YNL106C	2.4	0.06	-0.51
kgp1	YHR082C	2.4	0.07	-0.51
pho81	YGR233C	2.4	0.01	-0.52
yhr1	YHR111W	2.39	0.04	-0.53
pho80	YOL001W	2.39	0.08	-0.53
msg2	YNL053W	2.38	0.24	-0.53
mlp1	YKL161C	2.38	0.02	-0.53
mih1	YMR036C	2.38	0.05	-0.53
ptk2	YJR059W	2.38	0.07	-0.53
psk2	YOL045W	2.38	0	-0.53
sip2	YGL208W	2.37	0.15	-0.54
prp28	YDR243C	2.37	0.07	-0.54
thr1	YHR025W	2.36	0.18	-0.55
ymr291w	ymr291w	2.36	0.08	-0.56
apl6	YGR261C	2.36	0.02	-0.56
ppt1	YGR123C	2.36	0.1	-0.56
ynk1	YKL067W	2.35	0.2	-0.57
erg8	YMR220W	2.35	0.1	-0.57
tpk3	YKL166C	2.34	0.09	-0.57
pyk2	YOR347C	2.34	0.05	-0.57
pcl8	YPL219W	2.34	0.03	-0.58
aps3	YJL024C	2.33	0.1	-0.58
mss4	YDR208W	2.33	0.17	-0.59
cmk2	YOL016C	2.32	0.02	-0.59
siw14	YNL032W	2.32	0.14	-0.6
thi20	YOL055C	2.32	0.01	-0.6
apl5	YPL195W	2.32	0.04	-0.6

pif1	YML061C	2.31	0.23	-0.61
yol138c	yol138c	2.31	0.03	-0.61
inp53	YOR109W	2.31	0.01	-0.61
dbf20	YPR111W	2.3	0.02	-0.62
ysr3	YKR053C	2.3	0.14	-0.62
inp54	YOL065C	2.3	0.03	-0.62
npr1	YNL183C	2.29	0.13	-0.62
sic1	YLR079W	2.29	0.04	-0.62
dog2	YHR043C	2.28	0.01	-0.63
sap185	YJL098W	2.28	0.06	-0.63
yvn1	YIR026C	2.28	0.05	-0.64
adr1	YDR216W	2.28	0.04	-0.64
rom1	YGR070W	2.27	0.12	-0.65
ltp1	YPR073C	2.26	0.14	-0.65
pkh2	YOL100W	2.26	0.12	-0.66
ypl141c	ypl141c	2.26	0.1	-0.66
pcl2	YDL127W	2.25	0.09	-0.67
hrk1	YOR267C	2.25	0.06	-0.67
pil1	YGR086C	2.25	0	-0.67
vhs1	YDR247W	2.25	0.13	-0.67
xks1	YGR194C	2.24	0.05	-0.68
ckb2	YOR039W	2.24	0.03	-0.68
ynr047w	ynr047w	2.2	0.05	-0.72
pfk27	YOL136C	2.2	0.02	-0.72
ygk3	YOL128C	2.19	0.02	-0.73
kss1	YGR040W	2.18	0.04	-0.74
iks1	YJL057C	2.18	0.03	-0.74
mkk2	YPL140C	2.16	0.01	-0.76
tor1	YJR066W	2.15	0	-0.77
smk1	YPR054W	2.15	0.03	-0.77
tep1	YNL128W	2.11	0.01	-0.81
gac1	YOR178C	2.1	0.14	-0.82
mck1	YNL307C	2.04	0.09	-0.89
tpk2	YPL203W	2.01	0.06	-0.91
lcb4	YOR171C	2.01	0.17	-0.92
vps34	YLR240W	2.01	0.06	-0.92
urk1	YNR012W	1.98	0.01	-0.95
ypl236c	ypl236c	1.98	0.31	-0.95
skm1	YOL113W	1.82	0.17	-1.12

B. Glycerol 6 h

Standard name	**Systematic name**	**Glycerol 6 h**	**SD**	**Z value**
elm1	YKL048C	12.03	4.32	4.31

hrr25	YPL204W	11.58	5.26	4.01
ctk3	YML112W	9.82	2.15	2.84
ypk1	YKL126W	9.73	0.82	2.77
bud32	YGR262C	9.65	3.33	2.72
cax4	YGR036C	9.65	3.17	2.72
hsl1	YKL101W	9.6	2.01	2.69
apl5	YPL195W	9.22	3.33	2.43
ctk1	YKL139W	9.05	2.3	2.32
cla4	YNL298W	8.78	3.59	2.14
cln1	YMR199W	8.77	2.51	2.14
ssk1	YLR006C	8.52	1.27	1.97
dbf2	YGR092W	8.5	2.67	1.95
rts1	YOR014W	8.4	3.81	1.89
erg12	YMR208W	8.22	2.79	1.77
ark1	YNL020C	8.2	2.33	1.76
mih1	YMR036C	8.03	1.42	1.64
msg2	YNL053W	7.93	2.33	1.57
ssu72	YNL222W	7.78	2.45	1.47
kns1	YLL019C	7.71	0.8	1.42
tpd3	YAL016W	7.65	4.96	1.39
yhr1	YHR111W	7.51	2.22	1.3
hxk2	YGL253W	7.48	0.76	1.27
cln3	YAL040C	7.4	1.6	1.22
sks1	YPL026C	7.39	2.4	1.21
erg8	YMR220W	7.35	1.6	1.19
dbf20	YPR111W	7.34	3.81	1.18
tpp1	YMR156C	7.33	0.94	1.17
pho85	YPL031C	7.31	2.31	1.16
yak1	YJL141C	7.28	0.8	1.14
sfk1	YKL051W	7.24	1.24	1.12
cki1	YLR133W	7.23	0.33	1.11
tsl1	YML100W	7.23	0.75	1.1
yck1	YHR135C	7.07	1.4	1
tep1	YNL128W	6.99	0.48	0.95
cka1	YIL035C	6.79	1.42	0.81
yck3	YER123W	6.78	0.37	0.81
ymr291w	ymr291w	6.78	0.34	0.8
tps3	YMR261C	6.78	0.26	0.8
sap190	YKR028W	6.75	1.89	0.79
dak1	YML070W	6.71	1.47	0.76
ppt1	YGR123C	6.69	0.45	0.75
mkk1	YOR231W	6.69	1.76	0.74
rio1	YOR119C	6.68	2.3	0.74

kss1	YGR040W	6.61	1.2	0.69
prr1	YKL116C	6.61	0.36	0.69
sic1	YLR079W	6.6	0.78	0.69
xks1	YGR194C	6.59	0.59	0.68
rom1	YGR070W	6.58	0.16	0.67
utr1	YJR049C	6.57	0.54	0.66
ykl171w	ykl171w	6.56	0.82	0.66
psr2	YLR019W	6.52	0.51	0.63
vps15	YBR097W	6.51	0.61	0.63
ypk2	YMR104C	6.51	1.15	0.62
ppg1	YNR032W	6.49	2.84	0.61
kin3	YAR018C	6.48	1.63	0.61
bck2	YER167W	6.47	0.8	0.6
yvn1	YIR026C	6.47	0.99	0.6
ygr205w	ygr205w	6.46	2.71	0.59
psk2	YOL045W	6.45	1.59	0.58
kin2	YLR096W	6.44	0.85	0.58
pcl8	YPL219W	6.43	2.87	0.57
tpk1	YJL164C	6.43	0.27	0.57
ime2	YJL106W	6.4	0.74	0.55
hdg1	YLR113W	6.31	0.4	0.49
lcb3	YJL134W	6.28	0.59	0.47
sap185	YJL098W	6.28	0.77	0.47
pph21	YDL134C	6.28	0.74	0.47
cdc19	YAL038W	6.27	1.43	0.47
psr1	YLL010C	6.26	0.53	0.46
hal5	YJL165C	6.21	0.68	0.43
kin4	YOR233W	6.2	1.94	0.42
mlp1	YKL161C	6.19	0.43	0.41
pcl1	YNL289W	6.18	2.41	0.4
sln1	YIL147C	6.17	0.53	0.4
pbs2	YJL128C	6.16	0.61	0.39
gin4	YDR507C	6.15	2.39	0.38
kkq8	YKL168C	6.11	0.71	0.36
dig1	YPL049C	6.11	1.8	0.36
rrd1	YIL153W	6.08	0.51	0.34
lsb6	YJL100W	6.08	1.41	0.34
ser2	YGR208W	6.08	0.96	0.34
aps3	YJL024C	6.07	0.49	0.33
sdp1	YIL113W	6.06	1.13	0.32
bck1	YJL095W	6.04	0.68	0.31
ppz1	YML016C	6.04	1.97	0.31
ptk1	YKL198C	6.03	0.36	0.31

ynk1	YKL067W	6.03	0.3	0.3
kgp1	YHR082C	6.01	0.72	0.29
met14	YKL001C	6	0.46	0.28
ptc5	YOR090C	6	2.32	0.28
ptk2	YJR059W	5.99	0.55	0.28
inp53	YOR109W	5.96	1.99	0.26
thi20	YOL055C	5.94	1.77	0.24
iks1	YJL057C	5.93	0.8	0.24
glc8	YMR311C	5.92	1.1	0.23
tor1	YJR066W	5.91	2.49	0.23
mec1	YBR136W	5.86	0.85	0.19
vhs3	YOR054C	5.86	2.42	0.19
akl1	YBR059C	5.83	0.77	0.17
ssk2	YNR031C	5.83	1.58	0.17
inp51	YIL002C	5.81	0.81	0.16
ypr161c	ypr161c	5.8	1.77	0.15
pcl2	YDL127W	5.79	3.62	0.14
inp52	YNL106C	5.78	1.64	0.14
pos5	YPL188W	5.73	2.22	0.1
urk1	YNR012W	5.73	1.65	0.1
prk1	YIL095W	5.72	1.06	0.1
apl6	YGR261C	5.69	0.94	0.08
sac1	YKL212W	5.65	2.49	0.05
tor2	YKL203C	5.63	0.79	0.04
ire1	YHR079C	5.61	0.59	0.02
ado1	YJR105W	5.6	0.65	0.02
thi22	YPR121W	5.59	2.26	0.01
cmk2	YOL016C	5.59	1.53	0.01
ppe1	YHR075C	5.58	0.64	0.01
cdc5	YMR001C	5.55	0.7	-0.02
pkh2	YOL100W	5.49	1.67	-0.06
cka2	YOR061W	5.48	1.19	-0.07
ssn3	YPL042C	5.48	0.74	-0.07
ysr3	YKR053C	5.41	2.28	-0.11
yer134c	yer134c	5.41	0.94	-0.11
pil1	YGR086C	5.4	0.52	-0.11
ypl150w	ypl150w	5.4	2.38	-0.11
yol138c	yol138c	5.39	1.35	-0.12
phr2	YIL053W	5.39	0.86	-0.12
stt4	YLR305C	5.38	1.65	-0.13
sip2	YGL208W	5.38	0.9	-0.13
chk1	YBR274W	5.37	0.59	-0.13
ckb1	YGL019W	5.34	1.07	-0.15

npr1	YNL183C	5.31	1.5	-0.18
sch9	YHR205W	5.3	2.28	-0.18
kcc4	YCL024W	5.3	0.14	-0.19
ptc1	YDL006W	5.27	0.4	-0.21
hec1	YIL144W	5.24	0.6	-0.22
pip2	YOR363C	5.24	1.14	-0.23
inp54	YOL065C	5.23	1.24	-0.23
adk1	YDR226W	5.21	2.53	-0.24
pcl9	YDL179W	5.21	0.8	-0.24
rck2	YLR248W	5.19	1.64	-0.25
pho81	YGR233C	5.17	0.25	-0.27
ste20	YHL007C	5.16	0.77	-0.28
tpk2	YPL203W	5.16	1.92	-0.28
ptp2	YOR208W	5.14	1.73	-0.29
pyk2	YOR347C	5.13	1.26	-0.3
cbk1	YNL161W	5.13	0.9	-0.3
tpk3	YKL166C	5.12	0.81	-0.3
ypl141c	ypl141c	5.09	1.28	-0.33
lsp1	YPL004C	5.05	0.87	-0.35
rck1	YGL158W	5.04	1.55	-0.35
fab1	YFR019W	5.03	0.99	-0.36
spl2	YHR136C	5.02	1.64	-0.37
dog1	YHR044C	4.99	0.59	-0.39
cak1	YFL029C	4.98	0.98	-0.4
by4742	by4742	4.97	1.07	-0.41
hrk1	YOR267C	4.96	1.31	-0.41
gac1	YOR178C	4.94	1.16	-0.43
mkk2	YPL140C	4.93	2.19	-0.43
mss4	YDR208W	4.92	1.34	-0.44
pfk27	YOL136C	4.91	0.96	-0.44
ppq1	YPL179W	4.86	0.49	-0.48
bro1	YPL084W	4.85	0.75	-0.49
siw14	YNL032W	4.84	0.2	-0.49
gcn20	YFR009W	4.82	0.93	-0.5
rbs1	YDL189W	4.81	0.64	-0.51
his2	YFR025C	4.75	0.25	-0.55
lcb4	YOR171C	4.74	1.48	-0.56
reg1	YDR028C	4.73	0.7	-0.56
dun1	YDL101C	4.72	0.63	-0.57
hnt1	YDL125C	4.72	0.51	-0.57
snf1	YDR477W	4.69	1.7	-0.59
adk2	YER170W	4.68	0.3	-0.6
gal83	YER027C	4.67	0.63	-0.6

fus3	YBL016W	4.66	0.1	-0.61
adr1	YDR216W	4.64	1.17	-0.63
pho3	YBR092C	4.63	0.26	-0.63
pps1	YBR276C	4.57	0.29	-0.67
thi21	YPL258C	4.55	1.03	-0.68
dak2	YFL053W	4.54	0.33	-0.69
tos3	YGL179C	4.54	0.54	-0.69
dog2	YHR043C	4.53	1.46	-0.7
smk1	YPR054W	4.5	2.66	-0.72
mck1	YNL307C	4.49	0.78	-0.73
ste7	YDL159W	4.47	0.38	-0.73
ppm1	YDR435C	4.45	1.36	-0.75
kin82	YCR091W	4.44	0.2	-0.76
ptc7	YHR076W	4.42	2.01	-0.77
ckb2	YOR039W	4.42	0.27	-0.77
arg5.6	YER069W	4.38	0.24	-0.8
tps2	YDR074W	4.38	1.01	-0.8
atg1	YGL180W	4.37	0.4	-0.8
ycr079w	ycr079w	4.37	0.13	-0.8
pho8	YDR481C	4.36	0.57	-0.81
pho80	YOL001W	4.35	1.23	-0.82
sat4	YCR008W	4.34	0.29	-0.82
ydl025c	ydl025c	4.33	0.48	-0.83
prp28	YDR243C	4.32	2.12	-0.84
pph3	YDR075W	4.31	0.63	-0.84
ptc4	YBR125C	4.3	0.4	-0.85
tel1	YBL088C	4.29	0.15	-0.86
prr2	YDL214C	4.26	0.39	-0.88
ygk3	YOL128C	4.25	0.52	-0.88
thr1	YHR025W	4.25	1.51	-0.88
gcn2	YDR283C	4.24	1.93	-0.89
ybr028c	ybr028c	4.23	0.22	-0.9
ptp3	YER075C	4.22	0.92	-0.91
ynr047w	ynr047w	4.19	0.15	-0.92
dbf4	YDR052C	4.19	0.4	-0.93
sho1	YER118C	4.19	0.46	-0.93
dpp1	YDR284C	4.17	0.69	-0.94
reg2	YBR050C	4.16	0.43	-0.94
pkh3	YDR466W	4.16	0.97	-0.94
psk1	YAL017W	4.15	0.43	-0.95
vhs1	YDR247W	4.15	2.16	-0.95
ppz2	YDR436W	4.14	0.61	-0.96
pak1	YER129W	4.12	0.26	-0.97

ssk22	YCR073C	4.12	0.37	-0.97
mps1	YDL028C	4.11	0.13	-0.98
ptp1	YDL230W	4.11	0.35	-0.98
ltp1	YPR073C	4.11	2.1	-0.98
pho5	YBR093C	4.09	0.42	-0.99
cmk1	YFR014C	4.07	0.4	-1.01
pkh1	YDR490C	4.06	0.78	-1.01
mrk1	YDL079C	4.05	0.32	-1.02
sok1	YDR006C	4.04	0.35	-1.02
kin1	YDR122W	4.03	0.49	-1.03
eki1	YDR147W	3.99	0.37	-1.06
dig2	YDR480W	3.99	0.73	-1.06
pph2	YDL134C	3.98	0.25	-1.06
cdc15	YAR019C	3.96	0.18	-1.08
apm3	YBR288C	3.93	0.49	-1.1
snf4	YGL115W	3.92	0.78	-1.11
hom3	YER052C	3.88	0.47	-1.13
ptc2	YER089C	3.87	0.7	-1.14
alk1	YGL021W	3.78	0.34	-1.2
pcl6	YER059W	3.77	0.62	-1.2
arg82	YDR173C	3.76	0.59	-1.21
scy1	YGL083W	3.75	0.35	-1.22
ypl236c	ypl236c	3.71	0.6	-1.24
lpp1	YDR503C	3.66	0.79	-1.28
hor2	YER062C	3.59	0.78	-1.33
kin28	YDL108W	3.57	0.63	-1.34
pro1	YDR300C	3.56	1.17	-1.34
sip1	YDR422C	3.49	1.15	-1.39
pif1	YML061C	3.32	0.25	-1.51
skm1	YOL113W	3.28	0.69	-1.53
sit4	YDL047W	2.96	0.52	-1.75
lcb5	YLR260W	2.92	1.39	-1.77
vps34	YLR240W	2.53	0.78	-2.03
pex3	YDR329C	3.25	1.15	-1.55

C. Oleate 3 h

Standard name	**Systematic name**	**Oleate 3 h**	**SD**	**Z value**
dbf2	YGR092W	13.23	1.69	5.48
elm1	YKL048C	12.58	1.82	4.98
ark1	YNL020C	10.78	1.48	3.59
yck3	YER123W	9.79	2.02	2.83
hxk2	YGL253W	9.63	0.9	2.71
kin3	YAR018C	9.51	2.33	2.62

cax4	YGR036C	9.37	2.27	2.51
cdc19	YAL038W	9.3	2.6	2.45
cla4	YNL298W	9.05	2.01	2.26
hsl1	YKL101W	8.89	1.64	2.14
cln3	YAL040C	8.72	2.33	2.01
ypk1	YKL126W	8.33	1.53	1.71
ssk1	YLR006C	8.32	1.59	1.7
rio1	YOR119C	8.17	3.18	1.58
yck1	YHR135C	7.89	1.13	1.36
dog1	YHR044C	7.75	1.71	1.26
ppt1	YGR123C	7.73	1	1.25
cka2	YOR061W	7.65	0.83	1.18
rts1	YOR014W	7.62	0.55	1.16
kgp1	YHR082C	7.6	0.64	1.15
hrr25	YPL204W	7.59	1.76	1.14
cln1	YMR199W	7.55	2.48	1.11
ysr3	YKR053C	7.54	1.21	1.1
yak1	YJL141C	7.46	0.75	1.04
pph21	YDL134C	7.26	1.63	0.88
met14	YKL001C	7.22	1.08	0.85
sdp1	YIL113W	7.21	1.35	0.85
dig1	YPL049C	7.2	1.3	0.83
pil1	YGR086C	7.15	1.05	0.8
kss1	YGR040W	7.12	0.44	0.77
bud32	YGR262C	7.1	1.42	0.76
ptp3	YER075C	7.05	1.14	0.72
prk1	YIL095W	7.02	1.33	0.7
thr1	YHR025W	7.01	3.02	0.69
ctk1	YKL139W	7	3.64	0.68
inp51	YIL002C	6.99	0.79	0.67
sip2	YGL208W	6.99	0.73	0.67
ynr047w	ynr047w	6.98	0.87	0.67
tpk1	YJL164C	6.87	0.33	0.59
bck2	YER167W	6.86	1.76	0.57
his2	YFR025C	6.85	1.11	0.56
ptk2	YJR059W	6.84	0.31	0.56
kns1	YLL019C	6.84	0.75	0.56
apl6	YGR261C	6.84	0.87	0.56
ygr205w	ygr205w	6.84	0.47	0.56
tsl1	YML100W	6.83	0.41	0.55
thi22	YPR121W	6.82	2.1	0.55
tpp1	YMR156C	6.82	0.56	0.54
adk1	YDR226W	6.82	0.87	0.54

mlp1	YKL161C	6.79	0.36	0.52
ptc5	YOR090C	6.78	0.58	0.52
sfk1	YKL051W	6.77	1.35	0.51
chk1	YBR274W	6.77	1.68	0.5
aps3	YJL024C	6.76	1.11	0.5
yol138c	yol138c	6.76	1.3	0.5
ptk1	YKL198C	6.75	0.43	0.49
sch9	YHR205W	6.74	1.25	0.48
ppg1	YNR032W	6.72	0.81	0.47
rom1	YGR070W	6.71	0.7	0.46
cki1	YLR133W	6.7	0.57	0.45
ire1	YHR079C	6.67	0.71	0.43
xks1	YGR194C	6.67	0.75	0.43
ymr291w	ymr291w	6.66	0.69	0.42
kkq8	YKL168C	6.66	0.82	0.42
hal5	YJL165C	6.66	0.62	0.42
ykl171w	ykl171w	6.62	0.92	0.39
utr1	YJR049C	6.62	0.37	0.39
ctk3	YML112W	6.6	2.76	0.37
rrd1	YIL153W	6.59	1.11	0.37
hdg1	YLR113W	6.58	0.53	0.36
psk1	YAL017W	6.57	1.49	0.35
pho81	YGR233C	6.57	0.47	0.35
ime2	YJL106W	6.55	0.83	0.33
mps1	YDL028C	6.54	2.54	0.33
spl2	YHR136C	6.53	1.13	0.32
cak1	YFL029C	6.49	1.27	0.29
iks1	YJL057C	6.49	0.63	0.29
yvn1	YIR026C	6.49	1.44	0.29
akl1	YBR059C	6.47	1.29	0.28
reg2	YBR050C	6.44	1.07	0.25
ppm1	YDR435C	6.43	0.96	0.24
ser2	YGR208W	6.43	0.39	0.24
sln1	YIL147C	6.4	1.07	0.22
lcb3	YJL134W	6.38	0.57	0.21
ptp2	YOR208W	6.37	0.95	0.2
cka1	YIL035C	6.37	1.67	0.2
ptc7	YHR076W	6.35	0.49	0.18
pbs2	YJL128C	6.35	0.77	0.18
inp53	YOR109W	6.34	0.87	0.18
psr1	YLL010C	6.34	0.55	0.17
mkk1	YOR231W	6.33	0.77	0.17
ynk1	YKL067W	6.29	0.36	0.14

bck1	YJL095W	6.28	0.62	0.13
pph2	YDL134C	6.27	1.61	0.12
gcn20	YFR009W	6.26	1.29	0.11
tor2	YKL203C	6.25	0.72	0.11
pfk27	YOL136C	6.24	1.01	0.1
gcn2	YDR283C	6.24	0.74	0.1
sap190	YKR028W	6.24	0.58	0.1
msg2	YNL053W	6.23	0.83	0.09
gac1	YOR178C	6.22	1	0.08
fab1	YFR019W	6.2	1.04	0.07
dak1	YML070W	6.19	1.15	0.06
glc8	YMR311C	6.18	0.67	0.05
lsb6	YJL100W	6.16	1.28	0.04
ppz1	YML016C	6.15	0.89	0.03
ado1	YJR105W	6.14	1.3	0.02
alk1	YGL021W	6.13	0.97	0.01
apl5	YPL195W	6.13	0.71	0.01
ssu72	YNL222W	6.12	1.39	0.01
ppe1	YHR075C	6.1	0.92	-0.01
kcc4	YCL024W	6.1	1.24	-0.01
mrk1	YDL079C	6.09	1.49	-0.02
pkh3	YDR466W	6.09	0.94	-0.02
ckb1	YGL019W	6.09	1.35	-0.02
erg12	YMR208W	6.08	1.61	-0.02
ypr161c	ypr161c	6.06	0.61	-0.04
dig2	YDR480W	6.06	0.83	-0.04
rck2	YLR248W	6.05	0.52	-0.05
pcl9	YDL179W	6.04	1.47	-0.06
atg1	YGL180W	6.04	1.25	-0.06
sho1	YER118C	6.04	0.88	-0.06
vhs3	YOR054C	6.03	0.96	-0.06
vhs1	YDR247W	6.02	0.78	-0.07
eki1	YDR147W	6	1.75	-0.09
ppz2	YDR436W	6	1.27	-0.09
dbf4	YDR052C	6	1.22	-0.09
tor1	YJR066W	6	1.59	-0.09
ydl025c	ydl025c	5.99	1.34	-0.1
cmk1	YFR014C	5.96	0.81	-0.11
dak2	YFL053W	5.95	1.15	-0.12
tos3	YGL179C	5.94	1.02	-0.13
mec1	YBR136W	5.94	0.78	-0.13
dun1	YDL101C	5.93	1.41	-0.14
ptc4	YBR125C	5.93	1.05	-0.14

ptc2	YER089C	5.93	0.77	-0.14
arg5.6	YER069W	5.93	0.76	-0.14
rck1	YGL158W	5.91	0.89	-0.16
prr1	YKL116C	5.91	1.19	-0.16
yer134c	yer134c	5.9	0.84	-0.16
hom3	YER052C	5.89	1.1	-0.17
pkh1	YDR490C	5.89	0.85	-0.17
pph3	YDR075W	5.88	1.31	-0.18
kin2	YLR096W	5.88	0.64	-0.18
ygk3	YOL128C	5.87	0.77	-0.18
lpp1	YDR503C	5.87	1.14	-0.19
ybr028c	ybr028c	5.86	1.26	-0.19
ypk2	YMR104C	5.84	0.57	-0.21
pho85	YPL031C	5.84	1.47	-0.21
prp28	YDR243C	5.83	0.76	-0.22
sks1	YPL026C	5.83	0.97	-0.22
ste7	YDL159W	5.8	1.35	-0.24
adk2	YER170W	5.8	0.86	-0.24
sic1	YLR079W	5.8	1.48	-0.24
pyk2	YOR347C	5.8	0.97	-0.24
prr2	YDL214C	5.79	1.09	-0.25
dbf20	YPR111W	5.78	0.58	-0.25
tps3	YMR261C	5.78	0.74	-0.26
pho3	YBR092C	5.77	1.41	-0.27
ycr079w	ycr079w	5.76	1.29	-0.27
pcl1	YNL289W	5.75	0.47	-0.28
hec1	YIL144W	5.75	1.38	-0.28
tpk3	YKL166C	5.74	1.74	-0.29
fus3	YBL016W	5.73	1.07	-0.3
pho5	YBR093C	5.73	1.36	-0.3
yhr1	YHR111W	5.71	0.36	-0.31
siw14	YNL032W	5.7	0.69	-0.32
mih1	YMR036C	5.69	1.09	-0.32
pho8	YDR481C	5.68	0.75	-0.33
dpp1	YDR284C	5.68	0.91	-0.33
smk1	YPR054W	5.67	0.34	-0.34
rbs1	YDL189W	5.67	1.08	-0.34
ltp1	YPR073C	5.67	0.42	-0.34
ssk2	YNR031C	5.63	2.31	-0.37
arg82	YDR173C	5.62	1.22	-0.38
kin4	YOR233W	5.59	0.57	-0.4
thi20	YOL055C	5.58	0.43	-0.41
sap185	YJL098W	5.57	0.98	-0.42

sac1	YKL212W	5.55	0.82	-0.43
dog2	YHR043C	5.55	0.9	-0.44
sat4	YCR008W	5.54	1.12	-0.44
hrk1	YOR267C	5.54	1.07	-0.44
pkh2	YOL100W	5.53	1.95	-0.45
ssk22	YCR073C	5.51	1.32	-0.46
hnt1	YDL125C	5.5	1.46	-0.47
npr1	YNL183C	5.5	0.75	-0.47
ckb2	YOR039W	5.49	0.51	-0.48
kin1	YDR122W	5.46	1.32	-0.5
cmk2	YOL016C	5.45	1.87	-0.51
mkk2	YPL140C	5.45	0.54	-0.51
sip1	YDR422C	5.42	1.25	-0.53
pcl6	YER059W	5.38	1.05	-0.56
inp52	YNL106C	5.37	0.88	-0.57
stt4	YLR305C	5.37	0.64	-0.57
kin28	YDL108W	5.36	2.06	-0.58
vps15	YBR097W	5.36	1.7	-0.58
ppq1	YPL179W	5.35	1.42	-0.59
erg8	YMR220W	5.35	0.41	-0.59
cdc15	YAR019C	5.35	1.08	-0.59
tep1	YNL128W	5.33	0.7	-0.6
phr2	YIL053W	5.31	0.69	-0.62
pho80	YOL001W	5.29	0.79	-0.64
mss4	YDR208W	5.29	0.43	-0.64
pcl8	YPL219W	5.28	1.14	-0.64
urk1	YNR012W	5.26	1.76	-0.66
cbk1	YNL161W	5.25	1.09	-0.66
pps1	YBR276C	5.24	1.09	-0.67
pro1	YDR300C	5.24	1.12	-0.67
pip2	YOR363C	5.23	1.55	-0.68
ssn3	YPL042C	5.23	1.01	-0.68
psr2	YLR019W	5.2	0.9	-0.7
pcl2	YDL127W	5.16	0.41	-0.74
apm3	YBR288C	5.16	1.93	-0.74
psk2	YOL045W	5.15	0.81	-0.74
kin82	YCR091W	5.14	1.65	-0.75
sok1	YDR006C	5.11	0.8	-0.77
reg1	YDR028C	5.09	0.88	-0.79
inp54	YOL065C	5.06	2.09	-0.81
ypl141c	ypl141c	5.06	1.19	-0.81
ste20	YHL007C	5.06	0.56	-0.81
pak1	YER129W	5.06	0.66	-0.81

ypl150w	ypl150w	5.05	1.45	-0.82
gal83	YER027C	5.02	0.77	-0.84
scy1	YGL083W	4.97	1.03	-0.88
gin4	YDR507C	4.93	1.44	-0.91
hor2	YER062C	4.81	0.7	-1
tpd3	YAL016W	4.78	1.05	-1.02
bro1	YPL084W	4.73	1.97	-1.06
mck1	YNL307C	4.66	1.04	-1.12
lsp1	YPL004C	4.64	1.78	-1.13
pos5	YPL188W	4.64	1.09	-1.13
ptc1	YDL006W	4.6	2.04	-1.16
lcb4	YOR171C	4.59	0.41	-1.17
adr1	YDR216W	4.57	0.51	-1.19
pex3	YDR329C	4.54	0.9	-1.21
ptp1	YDL230W	4.51	0.7	-1.24
tps2	YDR074W	4.47	1.02	-1.27
snf1	YDR477W	4.39	0.84	-1.33
thi21	YPL258C	4.39	1.49	-1.33
sit4	YDL047W	4.35	0.93	-1.36
by4742	by4742	4.22	1.73	-1.46
tpk2	YPL203W	4.15	1.08	-1.51
tel1	YBL088C	4.09	0.75	-1.56
snf4	YGL115W	4.08	0.83	-1.56
cdc5	YMR001C	3.73	0.65	-1.83
vps34	YLR240W	3.15	0.29	-2.28
skm1	YOL113W	2.93	1.41	-2.45
pif1	YML061C	2.89	0.25	-2.48
lcb5	YLR260W	2.75	0.63	-2.59
ypl236c	ypl236c	2.75	0.26	-2.59

D. Oleate 6 h

Standard name	**Systematic name**	**Oleate 6 h**	**SD**	**Z value**
ark1	YNL020C	20.4	14.68	4.05
kin3	YAR018C	18.64	7.59	3.37
yck3	YER123W	17.99	5.16	3.12
sip1	YDR422C	16.32	11.24	2.48
cla4	YNL298W	16.11	11.63	2.4
hsl1	YKL101W	15.92	10.48	2.33
hxk2	YGL253W	15.72	8.31	2.25
cln3	YAL040C	15.38	3.63	2.12
cdc19	YAL038W	15.1	2.92	2.01
elm1	YKL048C	15.02	8.17	1.98
rts1	YOR014W	14.09	10.18	1.63

ypk1	YKL126W	13.67	9.03	1.47
his2	YFR025C	13.48	4.9	1.39
bud32	YGR262C	13.39	6.53	1.36
sln1	YIL147C	13.3	7.94	1.32
ptp3	YER075C	13.07	1.04	1.24
psk1	YAL017W	12.79	3.5	1.13
by4742	by4742	12.51	0.93	1.02
cki1	YLR133W	12.46	7.1	1
cak1	YFL029C	12.3	2.61	0.94
ppm1	YDR435C	12.23	2.17	0.92
ire1	YHR079C	12.18	8.22	0.9
yol138c	yol138c	12.17	8.26	0.89
aps3	YJL024C	12.16	7.62	0.89
apl5	YPL195W	12.13	6.48	0.88
dig1	YPL049C	12.02	7.86	0.84
hdg1	YLR113W	12.01	5.8	0.83
kgp1	YHR082C	11.95	7.59	0.81
rrd1	YIL153W	11.92	5.99	0.8
hom3	YER052C	11.91	3.82	0.79
sch9	YHR205W	11.9	9.19	0.79
pfk27	YOL136C	11.86	7.87	0.77
inp51	YIL002C	11.84	6.65	0.76
sho1	YER118C	11.84	2.78	0.76
ykl171w	ykl171w	11.82	7.16	0.76
ppg1	YNR032W	11.8	7.12	0.75
spl2	YHR136C	11.75	8.15	0.73
apl6	YGR261C	11.68	5.41	0.7
sap190	YKR028W	11.68	7.6	0.7
cax4	YGR036C	11.67	3.39	0.7
sdp1	YIL113W	11.67	7.03	0.7
ptc2	YER089C	11.65	2.33	0.69
ppt1	YGR123C	11.53	6.45	0.65
yer134c	yer134c	11.51	4.84	0.64
sks1	YPL026C	11.48	8.99	0.63
kin2	YLR096W	11.44	5.8	0.61
pcl8	YPL219W	11.41	7.75	0.6
reg2	YBR050C	11.39	2.45	0.59
pkh3	YDR466W	11.38	2.76	0.59
npr1	YNL183C	11.37	8.08	0.59
adk2	YER170W	11.34	2.7	0.58
dbf4	YDR052C	11.26	1.86	0.54
prk1	YIL095W	11.26	7.07	0.54
sat4	YCR008W	11.26	0.79	0.54

hrk1	YOR267C	11.25	6.91	0.54
pil1	YGR086C	11.23	6.52	0.53
ypl141c	ypl141c	11.21	7.1	0.53
pph3	YDR075W	11.21	3.49	0.52
cmk1	YFR014C	11.21	3.69	0.52
prp28	YDR243C	11.2	8.38	0.52
gcn20	YFR009W	11.17	3.86	0.51
eki1	YDR147W	11.17	1.75	0.51
yck1	YHR135C	11.15	7.26	0.5
tos3	YGL179C	11.1	2.19	0.48
msg2	YNL053W	11.09	7.05	0.48
mec1	YBR136W	11.02	6.72	0.45
fab1	YFR019W	11	1.71	0.44
ptc5	YOR090C	10.98	6.88	0.43
pbs2	YJL128C	10.93	4.35	0.42
cdc15	YAR019C	10.93	5.38	0.42
ygk3	YOL128C	10.92	6.78	0.41
cka2	YOR061W	10.92	4.84	0.41
bck1	YJL095W	10.91	6.08	0.41
ppz1	YML016C	10.91	6.47	0.41
ynr047w	ynr047w	10.9	6.64	0.4
rck2	YLR248W	10.89	6.2	0.4
ser2	YGR208W	10.88	6.33	0.4
tpk3	YKL166C	10.86	6.48	0.39
lsp1	YPL004C	10.86	8.34	0.39
ydl025c	ydl025c	10.84	2.3	0.38
lpp1	YDR503C	10.82	1.85	0.37
ssk2	YNR031C	10.82	6.38	0.37
mkk1	YOR231W	10.81	5.53	0.37
met14	YKL001C	10.77	5.19	0.35
sac1	YKL212W	10.77	8.29	0.35
inp53	YOR109W	10.76	7.77	0.35
gac1	YOR178C	10.75	7.26	0.35
pcl9	YDL179W	10.75	3.17	0.35
vhs1	YDR247W	10.74	7.53	0.35
kin4	YOR233W	10.73	6.38	0.34
dun1	YDL101C	10.69	3.35	0.33
mkk2	YPL140C	10.68	6.31	0.32
prr2	YDL214C	10.67	0.84	0.32
mss4	YDR208W	10.64	6.63	0.31
rck1	YGL158W	10.62	2.97	0.3
ygr205w	ygr205w	10.62	5.33	0.3
sip2	YGL208W	10.62	5.55	0.3

pho81	YGR233C	10.62	5.17	0.3
ltp1	YPR073C	10.61	5.57	0.3
fus3	YBL016W	10.6	2.96	0.29
pyk2	YOR347C	10.59	7.45	0.29
lcb3	YJL134W	10.58	6.34	0.28
pak1	YER129W	10.54	1.66	0.27
pph2	YDL134C	10.54	1.21	0.27
ssk1	YLR006C	10.52	6.07	0.26
cbk1	YNL161W	10.52	6.07	0.26
ppz2	YDR436W	10.51	5.29	0.25
ptp2	YOR208W	10.48	7.15	0.25
pho3	YBR092C	10.45	1.57	0.23
ste7	YDL159W	10.44	1.39	0.23
dbf20	YPR111W	10.43	6.46	0.23
arg5.6	YER069W	10.43	0.67	0.22
thi20	YOL055C	10.39	6.7	0.21
pkh2	YOL100W	10.39	7.42	0.21
cln1	YMR199W	10.38	4.19	0.21
hnt1	YDL125C	10.37	1.61	0.2
dog1	YHR044C	10.36	4.58	0.2
utr1	YJR049C	10.31	5.43	0.18
pho5	YBR093C	10.25	1.85	0.16
ypl150w	ypl150w	10.24	6.31	0.15
thi22	YPR121W	10.23	7.32	0.15
chk1	YBR274W	10.22	1.3	0.15
pph21	YDL134C	10.22	1.47	0.14
kcc4	YCL024W	10.22	1.65	0.14
ppe1	YHR075C	10.21	5.04	0.14
ypr161c	ypr161c	10.18	4.69	0.13
ptc4	YBR125C	10.17	2.32	0.13
ptc7	YHR076W	10.17	5.97	0.12
cmk2	YOL016C	10.15	5.99	0.12
kkq8	YKL168C	10.09	5.22	0.1
ppq1	YPL179W	10.07	5.92	0.09
ckb1	YGL019W	10.06	3.57	0.08
alk1	YGL021W	10.06	2.93	0.08
thi21	YPL258C	10.04	7.4	0.07
ycr079w	ycr079w	10.02	1.26	0.07
ssu72	YNL222W	10.02	6.77	0.07
inp54	YOL065C	10	6.33	0.06
dig2	YDR480W	9.99	2.96	0.06
ime2	YJL106W	9.97	5.04	0.05
stt4	YLR305C	9.94	6.04	0.04

kin1	YDR122W	9.92	1.09	0.03
dak2	YFL053W	9.89	1.3	0.02
smk1	YPR054W	9.88	4.78	0.01
ysr3	YKR053C	9.87	4.32	0.01
bck2	YER167W	9.81	3.35	-0.01
iks1	YJL057C	9.81	4.44	-0.01
ybr028c	ybr028c	9.79	2.96	-0.02
pho8	YDR481C	9.71	3.61	-0.05
tpk1	YJL164C	9.71	5.35	-0.05
kss1	YGR040W	9.71	2.97	-0.05
urk1	YNR012W	9.63	5.82	-0.08
psk2	YOL045W	9.63	5.83	-0.08
hec1	YIL144W	9.59	1.28	-0.1
apm3	YBR288C	9.59	2.22	-0.1
pcl2	YDL127W	9.57	5.65	-0.11
dak1	YML070W	9.56	4.32	-0.11
mps1	YDL028C	9.48	0.78	-0.14
ymr291w	ymr291w	9.46	3.55	-0.15
hal5	YJL165C	9.46	5.64	-0.15
rio1	YOR119C	9.45	5.37	-0.15
dog2	YHR043C	9.42	5.03	-0.16
tpp1	YMR156C	9.39	2.63	-0.17
cka1	YIL035C	9.38	4.8	-0.18
rbs1	YDL189W	9.37	1.16	-0.18
dpp1	YDR284C	9.33	0.78	-0.2
pkh1	YDR490C	9.3	5.24	-0.21
tor2	YKL203C	9.3	6.36	-0.21
ptk1	YKL198C	9.3	4.9	-0.21
kin82	YCR091W	9.27	1.01	-0.22
atg1	YGL180W	9.2	2.79	-0.25
hrr25	YPL204W	9.16	4.67	-0.26
gcn2	YDR283C	9.11	2.48	-0.28
bro1	YPL084W	9.1	4.94	-0.28
xks1	YGR194C	9.1	4.63	-0.29
adk1	YDR226W	9.04	3.74	-0.31
arg82	YDR173C	9	3.15	-0.32
mlp1	YKL161C	9	4.26	-0.32
ssk22	YCR073C	8.99	1.53	-0.33
ptk2	YJR059W	8.97	5.08	-0.33
sfk1	YKL051W	8.92	5.62	-0.36
mrk1	YDL079C	8.9	0.71	-0.36
glc8	YMR311C	8.86	3.02	-0.38
erg12	YMR208W	8.81	1.66	-0.4

ckb2	YOR039W	8.81	5.8	-0.4
yak1	YJL141C	8.69	5.24	-0.44
pro1	YDR300C	8.68	2.69	-0.44
siw14	YNL032W	8.68	4.65	-0.45
psr1	YLL010C	8.66	4.59	-0.45
erg8	YMR220W	8.62	3.58	-0.47
thr1	YHR025W	8.59	3.98	-0.48
ynk1	YKL067W	8.59	4.72	-0.48
ptc1	YDL006W	8.53	1.8	-0.5
tsl1	YML100W	8.51	3.39	-0.51
pcl6	YER059W	8.47	2.3	-0.53
rom1	YGR070W	8.43	2.74	-0.54
lsb6	YJL100W	8.4	3.79	-0.55
kns1	YLL019C	8.36	3.27	-0.57
scy1	YGL083W	8.17	3.28	-0.64
akl1	YBR059C	8.14	1.19	-0.65
phr2	YIL053W	8.1	4.54	-0.67
pps1	YBR276C	8.08	1.65	-0.68
mih1	YMR036C	8.05	3.74	-0.69
pos5	YPL188W	8.01	3.53	-0.7
hor2	YER062C	7.99	2.39	-0.71
vps15	YBR097W	7.9	2.88	-0.74
dbf2	YGR092W	7.89	3.38	-0.75
gal83	YER027C	7.72	1.51	-0.81
pcl1	YNL289W	7.7	4.31	-0.82
kin28	YDL108W	7.7	1.79	-0.82
sic1	YLR079W	7.64	3.45	-0.84
yvn1	YIR026C	7.56	2.94	-0.87
prr1	YKL116C	7.29	4.41	-0.98
pho85	YPL031C	7.24	4.14	-1
sok1	YDR006C	7.21	0.87	-1.01
ypk2	YMR104C	7.21	2.22	-1.01
ado1	YJR105W	7.12	1.54	-1.04
vhs3	YOR054C	7.06	4.39	-1.06
ste20	YHL007C	7.05	3.27	-1.07
tep1	YNL128W	7.05	3.13	-1.07
inp52	YNL106C	7.04	3.64	-1.07
sap185	YJL098W	6.9	2.64	-1.13
tps3	YMR261C	6.76	2.06	-1.18
tor1	YJR066W	6.74	1.6	-1.19
ssn3	YPL042C	6.69	0.87	-1.21
pho80	YOL001W	6.55	3.22	-1.26
tpk2	YPL203W	6.3	2.48	-1.36

ptp1	YDL230W	6.27	0.52	-1.37
yhr1	YHR111W	6.26	2.96	-1.37
tps2	YDR074W	6.15	1.34	-1.42
lcb4	YOR171C	6.01	3.14	-1.47
ctk1	YKL139W	5.65	1.65	-1.61
mck1	YNL307C	5.5	1.94	-1.66
reg1	YDR028C	5.24	0.48	-1.76
snf1	YDR477W	5.19	0.8	-1.78
ctk3	YML112W	4.84	1.45	-1.92
gin4	YDR507C	4.78	1.28	-1.94
pex3	YDR329C	6.93	3.82	-1.12
adr1	YDR216W	4.96	1.13	-1.87
pip2	YOR363C	4.61	1.2	-2
snf4	YGL115W	4.28	0.43	-2.13
sit4	YDL047W	4	0.54	-2.24
psr2	YLR019W	3.73	1.04	-2.34
tel1	YBL088C	3.41	0.81	-2.46
ypl236c	ypl236c	2.99	0.39	-2.63
cdc5	YMR001C	2.85	0.69	-2.68
skm1	YOL113W	2.81	1.5	-2.69
pif1	YML061C	2.76	0.5	-2.72
lcb5	YLR260W	2.69	0.68	-2.74
vps34	YLR240W	2.58	0.76	-2.78

Table S2. Quantification of peroxisome biogenesis

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Systematic name	**Name**	**0**	**2**	**4**	**6**	**8**	**20**	**YPBM**	**YPD**	**Storage carbohydrates**	**mol gene function**	**Mean cell area**	**Peroxisome volume**	**Peroxisome number per μm^2**	**Un-coupling**	**Peroxisome morphology**
		h	*h*	*h*	*h*	*h*	*h*					*pixels*	*μm^3*			
BY4742	*BY4742*	0	0.1321	2.4188	17.4965	33.846	70.299	1	1	0.5	0	1246.3	1.56697	0.12854	0	0
BY4742	*BY4742*	0	1.0826	8.3576	26.973	42.086	71.881	1	1	0.5	0	1233.6	0.48577	0.11167	0	0
BY4742	*BY4742*	0.05482	7.02955	31.12588	57.63017	84.54483	130.0752	1	1	0.5	0	1414.61	1.47036	0.11505	0	0
BY4742	*BY4742*	0	2.21012	18.21624	36.98353	59.21318	106.4552	1	1	0.5	0	1475.64	0.92607	0.12136	0	0
BY4742	*BY4742*	0.12046	9.52677	28.13674	55.78037	69.81995	129.5093	1	1	0.5	0	1474.66	1.04735	0.12179	0	0
YAL016W	*tpd3Δ*	0	0.01453	0.44048	2.47826	8.96908	53.35717	0	1	0	3	1911.86	0.4921	0.10167	0	-0.7
YAL017W	*psk1Δ*	0.45644	9.61278	28.50746	54.156	74.5051	114.4776	1	1	0.5	1	1245.25	1.38952	0.09342	0	0
YAL040C	*cln3Δ*	0.0026	3.89429	32.52782	71.07845	97.75778	170.6199	1	1	0.5	5	1938.59	1.53998	0.06632	0	0.7
YAR018C	*kin3Δ*	0.09308	9.20028	37.98205	64.69037	90.72012	140.6272	1	1	0.5	1	1453.69	1.0049	0.10283	0	0
YBL016W	*fus3Δ*	0.0452	5.28151	23.80784	48.61174	50.46937	119.3013	1	1	0.5	1	1262.32	1.41619	0.12125	0	0
YBL088C	*tel1Δ*	0	0.04494	0	0.23131	0.30978	2.19546	1	1	0.5	1	1548.79	2.72675	0.04941	0	0.7
YBR028C	*ybr028cΔ*	0.06233	2.80893	17.14933	42.86671	58.24718	120.5092	1	1	0.5	1	1374.93	0.83949	0.10056	0	0
YBR050C	*reg2Δ*	0.95907	2.24553	14.82361	30.95668	47.26335	75.23834	1	1	0.5	5	1395.9	0.84916	0.11623	0	0
YBR059C	*akl1Δ*	0	0.03003	7.28361	21.66501	41.62284	128.6266	1	1	0.5	1	1906.41	1.61361	0.0463	0	0.7
YBR092C	*pho3Δ*	0	0.02044	0.81429	4.22368	5.57421	61.2757	1	1	0.5	3	1350.94	1.61777	0.08422	0	0
YBR093C	*pho5Δ*	0	0.07872	9.89171	36.94947	44.30173	87.69179	1	1	0.5	3	1404.21	0.82944	0.07884	0	0
YBR097W	*vps15Δ*	0.00423	1.28933	7.21345	17.12913	22.72014	84.00355	0	0	0.5	1	1395.6	0.69751	0.09761	0	-0.7
YBR125C	*ptc4Δ*	0	0.0269	1.73927	15.63626	31.63867	92.05227	1	1	0.5	3	1300	0.76098	0.10793	0	0
YBR274W	*chk1Δ*	0	1.37609	16.05528	63.40313	88.35144	138.8244	1	1	0.5	1	1912.14	0.97108	0.12114	0	-0.7
YBR276C	*pps1Δ*	0	0.3125	7.71615	17.93992	31.3877	83.4746	1	1	0.5	3	1412.27	0.94641	0.08598	0	0
YBR288C	*apm3Δ*	0	0.01888	0.72749	4.81091	5.36371	21.94497	1	1	1	5	1278.35	1.70916	0.06625	0	0.7
YCL024W	*kcc4Δ*	0	0.01413	2.50949	13.01103	30.11947	80.25453	1	1	0.5	1	1333.92	0.89887	0.0765	0	0
YCR008W	*sat4Δ*	0	2.95461	19.9164	39.58587	55.32078	94.12014	1	1	0.5	1	1382.27	0.60428	0.10077	0	0
YCR073C	*ssk22Δ*	0	4.22217	11.51228	22.94819	36.13374	64.0362	1	1	0.5	1	1240	1.14862	0.12714	0	0
YCR079W	*ycr079wΔ*	0	0.07545	6.18032	21.10671	266.6078	94.5352	1	1	1	3	1429.8	0.69348	0.11597	1	0
YCR091W	*kin82Δ*	0.00768	2.59492	14.06844	23.78662	60.11999	105.9641	1	1	0.5	1	1297.36	0.76728	0.08652	0	0
YDL006W	*ptc1Δ*	0	0.06898	1.58708	7.139	20.38914	47.90364	0.5	1	0.5	3	1680.7	0.55653	0.0677	0	-0.9
YDL025C	*ydl025cΔ*	0	0.00522	0.95848	5.96884	5.96884	60.83621	1	1	1	1	1561.71	1.55116	0.06567	0	0.7
YDL047W	*sit4Δ*	0	0.12186	7.722	22.13632	45.63939	110.6057	1	0	0.5	3	1758.6	0.33588	0.10125	0	-0.7
YDL079C	*mrk1Δ*	0.0385	11.21352	34.67861	58.03322	67.27941	92.11429	1	1	0.5	1	1392.74	0.89952	0.08462	0	0
YDL101C	*dun1Δ*	0	0.29106	5.91306	20.62058	42.00754	78.56387	1	1	0.5	1	1424.93	0.62413	0.10061	0	0
YDL125C	*hnt1Δ*	0	0.02996	4.39487	24.27351	39.62741	97.29288	1	1	0.5	5	1560.22	0.73505	0.09483	0	0
YDL134C	*pph21Δ*	0	4.35587	27.0613	51.16159	73.19218	167.1858	1	1	0.5	3	2086.82	2.35628	0.05697	0	0.7
YDL159W	*ste7Δ*	0	0.00634	2.36921	11.95571	28.27084	122.1455	1	1	0.5	1	1576.76	1.96609	0.10516	0	0
YDL179W	*pcl9Δ*	0	0.00696	0.8786	3.64871	7.24172	96.40851	1	1	0.5	5	1278.25	2.05342	0.09061	0	0.9
YDL189W	*rbs1Δ*	0	0.1454	7.10041	23.93372	56.27027	81.23479	1	1	0.5	5	1425.47	0.63032	0.09378	0	0
YDL214C	*prr2Δ*	0.02059	8.09044	33.55815	42.00699	66.4245	110.9122	1	1	0.5	1	1289.07	0.94147	0.12072	0	0
YDL230W	*ptp1Δ*	0	0	1.25848	5.86039	14.22527	67.2524	1	1	0.5	3	1624.85	0.3525	0.08509	0	-0.7
YDR006C	*sok1Δ*	0	1.05962	12.22353	26.80482	38.53896	75.26046	1	1	0.5	5	1387.11	1.06151	0.09526	0	0
YDR028C	*reg1Δ*	0	0.00408	0.16108	1.28789	1.73411	3.8981	0	1	1	5	1380.24	0.03596	0.14786	0	-0.9

YDR074W	*tps2Δ*	0	0	0.02498	0.0105	5.6332	13.3053	0.5	1	0	4	1985.47	0.85936	0.06321	0	-0.9
YDR075W	*pph3Δ*	0	0.34957	17.76477	49.45817	75.59504	138.388	1	1	0.5	3	1909.85	0.7857	0.08754	0	0
YDR122W	*kin1Δ*	0.06381	9.88983	33.4433	56.97313	74.41328	77.92978	1	1	0	1	1280.32	0.60787	0.11118	0	0
YDR147W	*eki1Δ*	0	0	2.45297	9.3262	16.94993	120.2984	1	1	0.5	2	1351.3	1.78529	0.07325	0	0.7
YDR173C	*arg82Δ*	0	0	9.44766	29.12273	44.84355	90.99408	0.25	1	0	2	1285	1.52748	0.08735	0	0
YDR226W	*adk1Δ*	0.11334	0	4.76678	11.20765	22.63014	72.65092	0.25	1	1	2	2034.07	0.39053	0.13745	0	-0.7
YDR247W	*vhs1Δ*	0.01884	7.20441	25.64324	60.51195	70.23766	118.568	1	1	1	1	1417.19	0.8088	0.09504	0	0
YDR283C	*gcn2Δ*	0.26578	9.88021	38.36064	57.16623	63.57012	108.3466	1	1	0.5	1	1482.23	1.08617	0.10877	0	0
YDR284C	*dpp1Δ*	0.24841	3.57026	22.71235	47.15724	59.04779	85.88049	1	1	0.5	4	1419.14	1.08674	0.07909	0	0
YDR300C	*pro1Δ*	0	0.17255	3.85283	9.85922	16.2465	51.46376	1	1	0	2	1334.33	0.78817	0.08756	0	0
YDR329C	*pex3Δ*	0	0	0.03332	2.86894	17.96725	28.22858	0.25	1	0.5	5	1450.48	–	–	0	-1
YDR422C	*sip1Δ*	0.04227	23.80983	71.08882	123.8161	111.6188	164.3497	1	1	0.5	1	1846.09	2.4494	0.12354	0	0.9
YDR435C	*ppm1Δ*	0.07294	0.41643	9.87104	26.9752	37.04561	115.2318	0.25	1	0.5	5	1470	1.25316	0.08989	0	0
YDR436W	*ppz2Δ*	0	0.1352	2.47897	11.4556	16.37895	101.163	1	1	0.5	3	1536.29	1.48999	0.08535	0	0
YDR466W	*pkh3Δ*	0.00883	6.19872	25.73937	49.1855	60.3778	105.7765	1	1	0.5	1	1356.95	1.31942	0.08761	0	0
YDR477W	*snf1Δ*	0	0	0	0.05765	0.13417	5.99922	0	1	0	1	1604.24	0.07993	0.04643	0	-0.9
YDR480W	*dig2Δ*	0.10206	3.82154	22.6247	39.96094	61.27797	91.95111	1	1	0.5	5	1163.86	0.92873	0.11705	0	0
YDR481C	*pho8Δ*	0.07339	0.41994	10.0539	27.19415	37.36341	116.2905	1	1	0.5	3	1242.26	0.91602	0.12978	0	0
YDR490C	*pkh1Δ*	0	0.18778	3.06916	14.09932	20.99698	59.18177	1	1	0.5	1	1249.29	0.29694	0.12088	0	-0.7
YDR503C	*lpp1Δ*	0.00547	5.43883	26.80388	54.07548	69.52511	119.8595	1	1	0.5	4	1265.03	1.33179	0.0976	0	0
YDR507C	*gin4Δ*	0	0	0	0	0	0	0	1	0	1	1365.14	–	–	0	-1
YDR523C	*sps1Δ*	0	0.01025	2.9081	7.51292	13.76953	21.72372	0	0	0.5	1	2934.5	0.07006	0.05094	0	-0.9
YER027C	*gal83Δ*	0	4.5246	26.3622	35.94534	51.25259	105.2066	1	1	0.5	1	1353.04	1.07026	0.0856	0	0
YER052C	*hom3Δ*	0.31661	3.00667	16.48305	32.07432	29.81816	94.59262	1	1	0.5	2	1359.17	0.67295	0.12613	0	0
YER059W	*pcl6Δ*	0	0	6.25693	20.75411	38.62299	100.8309	1	1	0.5	5	1299.76	0.79228	0.1107	0	0
YER062C	*hor2Δ*	0	0.00202	0.4294	9.42612	22.32595	86.02045	1	1	0.5	4	1420.36	0.74575	0.07903	0	0
YER069W	*arg5,6Δ*	0.04749	5.02936	20.53774	39.48741	57.13952	124.175	1	1	0.5	2	1208.88	1.24545	0.11564	0	0
YER075C	*ptp3Δ*	0	0.18288	2.47883	11.29628	17.31851	127.5574	1	1	0.5	3	1379.9	1.03124	0.12349	0	0
YER089C	*ptc2Δ*	0.35236	3.63306	19.0821	39.61488	62.93049	99.81038	1	1	0.5	3	1516.88	0.54041	0.09754	0	0
YER118C	*sho1Δ*	0.42763	12.56587	38.92553	47.96465	80.18138	131.2118	1	1	0.5	5	1612.63	1.07585	0.10504	0	0
YER123W	*yck3Δ*	0	0.14387	3.01041	18.41792	39.31006	128.2806	0.5	1	0.5	1	1618.91	2.41676	0.05484	0	0.7
YER129W	*pak1Δ*	0	0.36748	10.91258	38.48195	48.01353	125.0883	0.5	1	0.5	1	1764.74	0.53977	0.11362	0	-0.7
YER134C	*yer134cΔ*	0.00113	3.22223	16.07335	44.45171	51.9159	110.2745	1	1	0.5	5	1431.48	0.97143	0.08554	0	0
YER167W	*bck2Δ*	0	0.03132	2.53568	9.65479	31.53429	138.9401	0.25	1	0.5	5	1485.84	1.34658	0.08001	0	0
YER170W	*adk2Δ*	0	0.0117	6.194	13.602	27.509	103.619	0.5	1	0.5	2	1281.53	1.31433	0.10431	0	0
YFL053W	*dak2Δ*	0	0	0.61416	5.96374	15.08587	48.41883	0.25	1	0.5	2	1108.65	0.46131	0.10861	0	-0.7
YFR009W	*gcn20Δ*	0	0.14637	6.25135	25.2564	44.82371	76.22152	1	1	0.5	5	1260.8	0.84608	0.09267	0	0
YFR014C	*cmk1Δ*	0	0.03438	0.67342	2.98343	8.63152	48.16274	1	1	0.5	1	1403.93	1.52984	0.06868	0	0.7
YFR019W	*fab1Δ*	0	0.79078	16.10185	35.67805	53.23898	71.46351	0.5	1	0.5	2	1583.81	0.42065	0.10373	0	-0.7
YFR025C	*his2Δ*	0.21863	9.01387	37.54111	54.1804	74.85955	132.804	1	1	0.5	4	1251.75	1.72198	0.10557	0	0
YGL019W	*ckb1Δ*	0	0.05069	1.91735	7.16882	15.39493	93.27278	1	1	0.5	5	1372.93	1.29043	0.12003	0	0
YGL021W	*alk1Δ*	0	0.03221	3.44398	15.16701	23.10369	41.78077	1	1	0.5	1	1351.32	1.19331	0.08835	0	0
YGL083W	*scy1Δ*	0	3.22008	18.63046	26.81888	46.05886	90.10244	1	1	0.5	5	1472.09	0.99857	0.08526	0	0
YGL115W	*snf4Δ*	0	0	0.13608	0.10882	0.15316	2.2895	0	1	0	5	1928.55	0.06105	0.0381	0	-0.9
YGL158W	*rck1Δ*	12.69894	0.10018	6.3216	24.05073	41.65961	82.19894	1	1	0.5	1	1242.12	0.85015	0.0994	1	0
YGL179C	*tos3Δ*	0.00116	0.41453	9.23266	25.81304	29.7371	107.0187	1	1	0.5	1	1366.79	1.08143	0.09631	0	0
YGL180W	*atg1Δ*	0	2.97822	23.08032	38.40453	64.30096	102.3145	1	1	0.5	1	1475.96	0.98729	0.08331	0	0
YGL208W	*sip2Δ*	0.0121	5.92735	29.55939	53.09188	54.17102	103.0033	1	1	0.5	1	1518.79	0.92949	0.0823	0	0

YGL253W	*hxk2Δ*	0	6.11946	31.15828	59.53928	87.32481	149.8667	1	1	0.5	2	1775.76	1.20857	0.0997	0	0
YGR036C	*cax4Δ*	0	0	2.12914	4.42452	12.20832	110.1834	0.5	0	1	3	1134	1.62848	0.18761	0	1
YGR040W	*kss1Δ*	0.07312	10.36857	32.13913	52.48232	59.97942	114.6401	1	1	0.5	1	1240.77	1.16438	0.169	0	0
YGR070W	*rom1Δ*	0.00249	0.20083	9.62573	32.4813	43.93452	139.1292	1	1	0.5	5	1404.7	1.15409	0.14129	0	0
YGR086C	*pil1Δ*	0.00518	7.75703	31.65218	44.24804	55.84986	95.01166	1	1	0.5	5	1434.28	0.81828	0.09747	0	0
YGR092W	*dbf2Δ*	0	0	0.22312	2.9522	9.43749	106.8986	0.5	1	1	1	1809.2	1.31759	0.04738	0	0.7
YGR123C	*ppt1Δ*	0	0.11561	7.9865	23.47629	24.36045	71.1099	1	1	0.5	3	1361	2.4313	0.0731	0	0.7
YGR194C	*xks1Δ*	0	0.21929	8.47714	31.71153	65.16332	117.0395	1	1	0.5	2	1824.33	1.26478	0.05509	0	0.7
YGR205W	*ygr205wΔ*	0	0.00666	0.8663	7.36374	17.10402	106.3031	1	1	0.5	5	1573.08	1.7603	0.05903	0	0.7
YGR208W	*ser2Δ*	0	1.75498	6.11975	25.68164	37.9076	82.63912	1	1	0.5	2	1337.33	0.59337	0.1011	0	0
YGR233C	*pho81Δ*	0	4.25612	5.42083	20.87729	40.86946	93.97072	1	1	0.5	5	1347.6	0.8433	0.10033	0	0
YGR261C	*apl6Δ*	0.20269	2.35122	14.16771	36.35752	65.216	76.29837	0.25	1	1	5	1365.89	0.87666	0.09301	0	0
YGR262C	*bud32Δ*	0	0.12368	11.23758	53.25758	70.71474	41.36572	0	0	0.5	1	3021.92	1.55562	0.12713	0	0
YHL007C	*ste20Δ*	0	0.01552	1.0235	6.42775	11.48268	42.4528	1	1	0.5	1	1369.5	1.06132	0.08531	0	0
YHR025W	*thr1Δ*	0	0.0944	2.99402	5.22854	7.50846	155.4422	1	1	0.5	2	1772	2.41019	0.11575	0	0
YHR043C	*dog2Δ*	0	0	0	0.62707	4.49919	58.07732	1	1	0.5	4	1409.38	1.56363	0.08507	0	0
YHR044C	*dog1Δ*	0	0.00327	1.27681	3.41012	10.52335	117.6696	1	1	0.5	4	1629.31	1.97053	0.08768	0	0
YHR075C	*ppe1Δ*	0	0	0.04001	2.16967	5.22023	15.08763	0.5	1	0.5	5	1351.61	1.64769	0.06077	0	0.7
YHR076W	*ptc7Δ*	0	0.04998	3.2018	16.33657	32.23385	35.41548	1	1	0.5	3	1432.86	0.86302	0.09365	0	0
YHR079C	*ire1Δ*	0.00826	6.15114	28.26689	49.18228	59.29622	86.3316	1	1	0.5	1	1307.5	0.90979	0.11121	0	0
YHR082C	*ksp1Δ*	0	0.02065	1.47404	4.33017	15.4027	78.00101	1	1	0.5	1	1332.56	2.14778	0.11333	0	0
YHR135C	*yck1Δ*	0	0.60811	15.20073	50.80112	72.84594	144.9947	1	1	0.5	1	2319	1.06926	0.06644	0	0
YHR136C	*spl2Δ*	0	0	2.06654	17.02924	36.76808	90.71198	1	1	0.5	5	1386.8	1.06002	0.08682	0	0
YIL002C	*inp51Δ*	0.04033	3.34929	20.88782	41.06488	42.11841	100.1817	1	1	0.5	4	1199.46	0.90468	0.1442	0	0
YIL035C	*cka1Δ*	0	0	0.31913	1.39864	5.94185	82.35461	1	1	0.5	1	1476.94	1.09737	0.13783	0	0
YIL053W	*rhr2Δ*	0	0.04202	0.98585	4.48277	9.03691	94.62479	1	1	0	4	1435.44	1.33356	0.07962	0	0
YIL057C	*iks1Δ*	0.01429	0.62215	3.18876	7.61319	15.39449	42.40246	1	1	0.5	5	1250.9	0.37128	0.08932	0	-0.7
YIL095W	*prk1Δ*	0	0.07107	3.55179	16.69772	29.65558	79.21983	1	1	0.5	1	1386.71	0.68656	0.10559	0	0
YIL113W	*sdp1Δ*	0.52376	8.0961	49.59379	62.25722	131.9926	134.2119	1	1	0.5	3	1338.93	1.77247	0.14899	0	0.9
YIL153W	*rrd1Δ*	0.09253	15.48775	35.69198	66.87801	82.31418	136.288	1	1	0.5	5	1813.74	0.72018	0.10605	0	0
YIR026C	*yvh1Δ*	0	3.57478	20.85593	53.09647	80.87995	112.6106	1	0	0.5	3	2004.38	1.56997	0.07382	0	0
YJL024C	*aps3Δ*	0.00817	4.32798	25.11823	53.19483	62.81867	112.9879	1	1	1	5	1221.61	1.35806	0.08311	0	0
YJL095W	*bck1Δ*	0	0.97782	18.95834	38.34262	56.16422	101.9007	1	1	0.5	1	1616.5	0.67505	0.08837	0	0
YJL098W	*sap185Δ*	0	0.57206	5.293	19.9262	37.45001	62.85636	1	1	0.5	3	1188.21	0.58789	0.10735	0	0
YJL100W	*lsb6Δ*	0	0.01137	1.94005	20.79145	27.52721	139.9	1	1	0.5	2	1493.2	1.56612	0.09704	0	0
YJL106W	*ime2Δ*	0	0.22527	6.2855	17.78602	30.13812	62.74678	1	1	0.5	1	1345.85	0.77906	0.08871	0	0
YJL128C	*pbs2Δ*	0	0.12047	9.7323	22.86031	50.24116	79.7865	1	1	0.5	1	1633.73	1.47466	0.04872	0	0.7
YJL134W	*lcb3Δ*	0.00109	1.26018	14.20652	32.02213	35.23687	89.67278	1	1	0.5	4	1261.96	0.99428	0.11361	0	0
YJL141C	*yak1Δ*	0	0.46591	15.89606	42.729	84.63369	185.7743	1	1	0.5	1	2277.61	2.05422	0.03562	0	0.7
YJL164C	*tpk1Δ*	0	0.17321	8.78547	22.01651	43.06363	111.9741	1	1	0.5	1	1378.25	1.05201	0.09958	0	0
YJL165C	*hal5Δ*	0	1.18629	18.11975	27.23138	53.26168	129.6155	1	1	0.5	1	1380.13	0.90724	0.10721	0	0
YJR049C	*utr1Δ*	0	0.37426	7.35225	23.2596	40.9516	61.78722	1	1	1	2	1558.79	0.32886	0.07594	0	0
YJR059W	*ptk2Δ*	0	3.79327	19.22837	34.81374	54.95159	110.1868	0.25	1	0	1	1354.31	0.923	0.10887	0	0
YJR066W	*tor1Δ*	0	0	0.12328	2.58361	9.82595	64.35702	1	1	1	1	1434.6	0.53698	0.07895	0	0
YJR105W	*ado1Δ*	0	1.59464	13.25099	29.19253	44.97065	75.53799	1	1	1	2	1445.91	0.90946	0.08998	0	0
YJR110W	*ymr1Δ*	0.00399	7.00958	30.60435	52.13252	62.33275	116.4913	1	1	0.5	4	1272.58	1.25095	0.13551	0	0
YKL001C	*met14Δ*	0.00405	5.72061	26.74866	35.0331	54.08896	86.98139	1	1	0.5	2	1427.88	1.19842	0.09147	0	0
YKL048C	*elm1Δ*	0	0	0.30065	17.03632	38.93213	226.256	1	1	0.5	1	2147.67	1.53251	0.10476	0	0.9

YKL051W	*sfk1Δ*	0	0.11769	5.00734	15.39252	33.75209	98.84608	1	1	0.5	5	1564.3	1.34895	0.08643	0	0
YKL067W	*ynk1Δ*	0	0	0.8466	2.92861	13.78375	91.58671	0.5	1	0.5	2	1504.89	1.6512	0.11493	0	0
YKL101W	*hsl1Δ*	0	0.11655	4.97995	22.91315	44.93844	115.4179	1	1	0.5	1	1426	2.2765	0.06118	0	0.7
YKL116C	*prr1Δ*	0	5.47351	34.06747	65.76876	71.67616	125.1679	1	1	0.5	1	1354.2	1.25757	0.11906	0	0
YKL126W	*ypk1Δ*	0	1.45488	103.7947	53.92556	62.67735	166.5162	1	1	0.5	1	1459.6	1.57261	0.13702	1	0
YKL139W	*ctk1Δ*	0	0	0	0	0	0	0	0	0.5	1	2500	–	–	0	-1
YKL161C	*mlp1Δ*	0	0.45261	6.7847	20.44085	42.74168	78.00645	1	1	0.5	1	1431.31	0.67866	0.09304	0	0
YKL166C	*tpk3Δ*	0	0.06059	7.97928	21.99647	52.25007	52.25007	1	1	0.5	1	1325.87	1.34959	0.11159	0	0
YKL168C	*kkq8Δ*	0.00446	0.91067	11.29307	30.65076	37.18591	105.3383	1	1	0.5	1	1414.47	0.57243	0.09559	0	0
YKL171W	*ykl171wΔ*	0	2.54503	25.01642	37.46652	35.27052	69.3518	1	1	0.5	1	1610.45	0.22557	0.10233	0	-0.7
YKL198C	*ptk1Δ*	0.05604	0.43532	12.21602	28.26323	47.03459	139.2791	1	1	0.5	1	1404.89	1.13146	0.12747	0	0
YKL212W	*sac1Δ*	0	0.26022	13.08162	25.07644	55.10967	94.84602	0	1	0.5	4	1359.33	0.35685	0.14601	0	-0.7
YKR028W	*sap190Δ*	0.01241	1.54957	9.32872	17.16022	33.34771	66.00767	1	1	0.5	3	1231	0.87342	0.12351	0	0
YKR053C	*ysr3 Δ*	0	0.11008	4.83547	15.78362	36.2863	80.75711	1	1	0.5	4	1304.25	0.89168	0.11227	0	0
YLL010C	*psr1Δ*	0	1.27591	6.711	24.64838	26.48991	47.23173	1	1	0.5	3	1421.2	0.74343	0.08544	0	0
YLL019C	*kns1Δ*	0	0.53405	4.29485	9.80079	11.03078	53.87569	0.25	1	0.5	1	1086.38	1.65713	0.11788	0	0
YLR006C	*ssk1Δ*	0	0.32396	12.66077	28.69864	52.1032	179.3541	0	1	0.5	5	2064.73	2.62065	0.04127	0	0.7
YLR019W	*psr2Δ*	0	2.09279	14.58251	22.9586	42.49158	55.91682	1	1	0.5	3	2201.46	0.8294	0.06698	0	0
YLR079W	*sic1Δ*	0	0	0.02985	0.63262	0.65601	24.29885	1	1	0.5	5	1488.86	0.26546	0.16551	0	-0.7
YLR096W	*kin2Δ*	0	0.01751	1.04717	12.91275	30.72382	109.0163	1	1	0.5	1	1401.79	0.87447	0.11174	0	0
YLR113W	*hog1Δ*	0.0028	0.12206	7.79798	17.23243	38.61021	73.80482	1	1	0.5	1	1437.75	1.14508	0.08339	0	0
YLR133W	*cki1Δ*	0.08935	3.6226	17.46179	42.85956	59.6994	81.29479	1	1	0.5	2	1114.4	0.7262	0.1401	0	0
YLR240W	*vps34Δ*	0	0	0.15794	1.43173	4.1505	0	0	0	0.5	2	1770.43	–	–	0	-1
YLR248W	*rck2Δ*	0.19585	2.643	17.08265	30.24055	52.13057	100.4274	1	1	0.5	1	1257.92	0.81203	0.15129	0	0
YLR260W	*lcb5Δ*	0	0	0	0	0	0	0	0	0	2	1164.32	–	–	0	-1
YML016C	*ppz1Δ*	0.00401	0.41636	4.30438	22.34545	36.52833	58.42091	1	1	0.5	3	1326.47	0.537	0.10116	0	0
YML061C	*pif1Δ*	0	0	0	0	0	0	0	1	0	5	1247.2	–	–	0	-1
YML070W	*dak1Δ*	0	0.06726	5.87802	19.23292	28.34192	55.16822	1	1	0.5	2	1384.03	0.81283	0.09179	0	0
YML100W	*tsl1Δ*	0.2541	8.64158	30.91642	49.32368	80.44223	114.0606	1	1	0.5	5	1395.43	0.90886	0.09506	0	0
YML112W	*ctk3Δ*	0	1.82441	26.33565	54.00763	72.77421	150.7141	0	1	0.5	1	2144.5	0.73238	0.1004	0	-0.7
YMR036C	*mih1Δ*	0	0.10874	5.11392	24.5661	32.40078	70.04744	1	1	0.5	3	1442.58	0.39804	0.07569	0	-0.9
YMR104C	*ypk2Δ*	0.1677	3.63816	14.4034	38.43179	55.4472	104.0941	1	1	0.5	1	1692.76	0.65438	0.10007	0	0
YMR156C	*tpp1Δ*	0	0.01566	1.6424	15.79458	34.79471	92.64099	1	1	0.5	4	1434.69	0.8366	0.08357	0	0
YMR199W	*cln1Δ*	0	2.56352	14.89531	38.12671	61.45677	117.5162	1	1	0.5	5	1283.55	1.27924	0.12124	0	0
YMR261C	*tps3Δ*	0	7.78253	21.91258	37.55289	46.00497	82.80862	0.5	1	0.5	5	1361.04	1.18355	0.10571	0	0
YMR291W	*ymr291wΔ*	0.05227	7.37987	20.78312	46.67208	56.25332	99.90464	1	1	0.5	1	1231.37	0.8171	0.10773	0	0
YMR311C	*glc8Δ*	0.1161	13.40246	42.06056	71.20211	105.4275	118.0529	1	1	0	5	1609.94	0.65225	0.12866	0	0
YNL020C	*ark1Δ*	0	0.01477	5.62691	12.42363	43.40255	115.586	1	1	0.5	1	1755.5	4.37525	0.04737	0	0.7
YNL032W	*siw14Δ*	0	0.86668	6.54201	23.79363	31.6927	75.68764	1	1	0.5	3	1407.9	0.99786	0.09929	0	0
YNL053W	*msg5Δ*	0.11391	6.93858	28.54865	62.27455	83.20161	119.7138	1	1	0.5	3	1416.62	1.06039	0.07707	0	0
YNL106C	*inp52Δ*	0.00756	1.84129	16.61858	36.80676	53.43281	112.0532	1	1	0.5	4	1510.73	0.94961	0.08814	0	0
YNL128W	*tep1Δ*	0	1.77613	8.02605	11.34429	22.68924	55.46047	1	1	0.5	4	1369.5	0.93811	0.07227	0	0
YNL183C	*npr1Δ*	0.33492	9.72862	28.47552	38.29196	50.59946	110.4431	1	1	1	1	1791.25	0.8089	0.1051	0	0
YNL289W	*pcl1Δ*	0.00155	0.01253	1.65156	17.90562	24.8061	66.31684	1	1	0.5	5	1489.99	0.56173	0.07294	0	0
YNL298W	*cla4Δ*	0.01206	8.63764	25.6021	38.84082	65.40908	124.6937	0.5	1	0.5	1	1384.75	0.88652	0.10574	0	0
YNL307C	*mck1Δ*	0	0.66262	9.12687	22.70536	33.01088	49.69225	1	1	0.5	1	1090.06	0.3354	0.12403	0	-0.7
YNR012W	*urk1Δ*	0	0.02017	2.49272	8.20429	14.51757	106.8194	1	1	0.5	2	1396.71	1.41788	0.10447	0	0
YNR031C	*ssk2Δ*	0.03988	3.62926	20.10476	28.81352	54.21097	85.65498	1	1	0.5	1	1249.82	1.27971	0.10695	0	0

YNR032W	*ppg1Δ*	0.31864	9.8773	33.73514	54.28669	62.81	98.12057	1	1	0	3	1159.39	0.90855	0.15622	0	0
YNR047W	*ynr047wΔ*	0	0.2604	6.94222	21.89685	42.28314	112.8164	1	1	0.5	1	1530.83	1.10589	0.08332	0	0
YOL001W	*pho80Δ*	0	0	0	0.0382	0.57388	5.04961	0	1	0.5	5	2268.78	0.10354	0.06746	0	-0.9
YOL016C	*cmk2Δ*	0.00757	5.48154	29.35296	50.01814	77.5687	87.94358	1	1	0.5	1	1366.41	1.64391	0.08775	0	0
YOL045W	*psk2Δ*	0.08983	4.24369	34.41854	66.79882	73.61404	108.0131	1	1	1	1	1377.33	1.38257	0.11113	0	0
YOL055C	*thi20Δ*	0	0.50863	7.65535	20.01719	32.05091	71.86559	1	1	0.5	2	1144.75	1.02346	0.11276	0	0
YOL065C	*inp54Δ*	0	0.7364	4.97247	18.51246	37.64996	73.47975	1	1	0.5	4	1280.52	0.76077	0.11316	0	0
YOL100W	*pkh2Δ*	0.23994	6.48057	32.52713	48.11173	72.38037	127.2481	1	1	0.5	1	1330.54	1.34944	0.10392	0	0
YOL113W	*skm1Δ*	0	0.00863	0.28706	0.92108	0.85195	0.64038	0	0	0.5	1	1563.6	0.01485	0.05873	0	-0.9
YOL128C	*ygk3Δ*	0.00605	0	0.0157	0.19973	0.05131	22.24629	1	1	0.5	1	1359.12	0.94234	0.08672	0	0
YOL136C	*pfk27Δ*	0	0.13824	5.90477	19.77866	41.32336	119.3397	1	1	0.5	2	1517.85	0.92158	0.07832	0	0
YOL138C	*yol138cΔ*	0.00143	3.74251	18.19244	44.09001	68.79109	106.6593	1	1	1	5	1380.36	0.99109	0.11089	0	0
YOR014W	*rts1Δ*	0.00224	0.37947	8.88878	15.5552	29.92597	92.53147	0.25	1	1	3	1783	0.70416	0.09014	0	0
YOR039W	*ckb2Δ*	0	0.03672	4.5824	13.94076	21.04778	115.2255	0.5	1	0.5	5	1238.2	0.87214	0.14298	0	0
YOR054C	*vhs3Δ*	0	0.37287	2.89188	4.79746	13.38117	31.58546	0.5	1	0.5	5	1375.3	1.59951	0.06195	0	0.7
YOR061W	*cka2Δ*	0	4.6971	23.28545	35.14676	55.77914	133.0061	0.5	1	0.5	1	1363.31	0.82468	0.12874	0	0
YOR090C	*ptc5Δ*	0	0.2719	5.2262	12.18667	32.20248	80.83066	1	1	0.5	3	1439.3	2.21377	0.06097	0	0
YOR109W	*inp53Δ*	0.00115	0.41789	8.55709	32.48044	45.84504	155.1258	0.5	1	0.5	4	1407.72	1.60281	0.11707	0	0
YOR171C	*lcb4Δ*	0.06644	0.46852	8.90913	15.09912	26.472	69.94974	1	1	0.5	2	1377.38	0.35297	0.08223	0	-0.7
YOR178C	*gac1Δ*	0	1.8238	19.38599	45.52173	63.78567	99.16843	1	1	0	5	1450.12	1.16812	0.06579	0	0
YOR208W	*ptp2Δ*	0.02131	0.2041	9.22887	20.19932	36.25784	102.3001	1	1	0.5	3	1243	0.73408	0.12765	0	0
YOR231W	*mkk1Δ*	0.00811	2.9967	25.23435	64.49107	109.9058	144.1912	1	1	0.5	3	1911.08	1.93839	0.0622	0	0
YOR233W	*kin4Δ*	0	0.08459	5.48306	25.82337	38.80485	44.27483	1	1	0.5	1	1428.4	0.64768	0.1043	0	-0.7
YOR267C	*hrk1Δ*	0	0.00677	0.88638	4.05456	10.26523	99.30305	1	1	0.5	1	1488.77	1.70222	0.10761	0	0
YOR347C	*pyk2Δ*	0.02181	0.21389	12.06925	15.53384	42.29677	109.7734	1	1	0.5	2	1430.21	0.65245	0.11844	0	0
YOR351C	*mek1Δ*	0	0.30344	8.74161	27.91592	40.21668	87.76678	1	1	0.5	1	1289.93	0.87117	0.09295	0	0
YPL004C	*lsp1Δ*	0.07748	9.60517	21.85186	42.54923	43.48322	80.7638	1	1	0.5	1	1340.9	1.23005	0.0898	0	0
YPL026C	*sks1Δ*	0.04917	9.2177	39.66546	54.80207	72.88942	124.2539	1	1	0.5	1	1252.35	1.08202	0.12548	0	0
YPL031C	*pho85Δ*	6.45371	45.05827	70.71639	158.7525	171.612	364.4521	0.25	1	1	1	2204.57	11.83544	0.05763	0	1
YPL042C	*ssn3Δ*	0	0	0.0207	0	9.30718	2.15901	0.5	1	0.5	1	1603.33	0.07138	0.10151	0	-0.9
YPL049C	*dig1Δ*	0	0.41	8.04446	20.3124	49.73418	158.6979	1	1	0.5	5	1680.25	1.25683	0.08168	0	0
YPL084W	*bro1Δ*	0	0	0.01476	1.01719	1.05873	0.00715	0.25	1	0	5	1376.96	0.5518	0.12746	0	-0.7
YPL140C	*mkk2Δ*	0	0.18694	5.39833	24.5696	48.9055	90.55699	1	1	0.5	1	1634.88	0.68221	0.06522	0	0
YPL141C	*ypl141cΔ*	0.15529	2.86994	16.04266	39.78473	60.96911	95.38066	1	1	0.5	1	1398.22	0.60096	0.11823	0	0
YPL150W	*ypl150wΔ*	0	0	0	0.58477	1.29791	64.59156	1	1	1	1	1518	1.63086	0.08134	0	0
YPL179W	*ppq1Δ*	0	10.48225	38.60434	82.91281	97.47525	151.5264	1	1	0.5	3	1943.53	1.52925	0.05408	0	0
YPL188W	*pos5Δ*	0	6.3244	9.83722	18.0516	49.05975	100.5077	0	1	0.5	2	1381.88	2.22778	0.08381	0	0.7
YPL195W	*apl5Δ*	0	0.09196	3.74824	19.28866	34.04364	78.19652	0.5	1	0.5	5	1260.19	0.69486	0.0919	0	0
YPL203W	*tpk2Δ*	0	0.86649	7.5903	23.22188	38.19848	98.32279	1	1	0.5	1	1409.91	1.49997	0.06224	0	0.7
YPL219W	*pcl8Δ*	0.00334	0.34587	17.1977	43.30777	54.79329	84.16493	1	1	0.5	5	1228.77	0.86393	0.11252	0	0
YPL236C	*ypl236cΔ*	0	0	0.0301	1.29514	0.50263	0.39979	0	0	0.5	1	1790.25	–	–	0	-1
YPL258C	*thi21Δ*	0	0	2.5422	4.89678	5.50261	89.06182	1	1	0.5	2	1366.4	1.82109	0.09223	0	0
YPR054W	*smk1Δ*	0	0.44741	16.81158	32.07738	50.81846	136.7679	1	1	0.5	1	1696.25	0.83424	0.12541	0	0
YPR073C	*ltp1Δ*	0	0.2549	8.72395	36.5221	46.76633	94.85443	1	1	0.5	3	1391.79	0.87919	0.08651	0	0
YPR111W	*dbf20Δ*	0	0.00805	4.15454	18.51838	27.75628	108.6332	1	1	0.5	1	1269.8	1.26365	0.12496	0	0
YPR121W	*thi22Δ*	0.07801	13.08713	39.62687	73.534	85.02086	150.9539	1	1	0.5	2	1664.28	1.5253	0.09933	0	0

Numerical values of columns 1–15 were used for hierarchical clustering (Fig. 3). Column descriptors are the following: (1–6) total peroxisome induction at 0, 2, 4, 6, 8, and 20 h of incubation in YPBO reported as the ratio of the mean Pot1p-GFP signal (in pixels) to the mean

area of a cell of a particular strain (in pixels); (7) growth on YPBM plates (1, normal growth; 0.5, impaired; 0.25, severely impaired; 0, no colonies formed); (8) growth on YPD plates (1, normal growth; 0, impaired); (9) Storage carbohydrate levels (1, increased; 0.5, normal; 0, reduced; information was obtained from the Saccharomyces Genome Database [http://www.yeastgenome.org/]); (10) molecular gene function (1, protein kinase; 2, other kinase; 3, protein phosphatase; 4, other phosphatase; 5, other; Information was obtained from the Saccharomyces Genome Database); (11) mean cell area (in pixels); (12) mean peroxisome volume (in micrometers cubed); (13) mean number of peroxisomes per cell area (in micrometers squared); (14) uncoupling of peroxisome biogenesis from the environment, i.e. induction not progressively increasing in YPBO or significant induction in glucose (0, no uncoupling; 1, uncoupling); (15) peroxisome morphology (1, large irregular peroxisomes with loss of function; 0.9, large peroxisomes; 0.7, peroxisome clustering; 0, normal peroxisome morphology; −0.7, numerous small peroxisomes; −0.9, few small peroxisomes; −1, no peroxisomes).

Table S3. *S. cerevisiae* strains used in this study

Strain	Genotype	Derivation
BY4741	MATa, his3Δ1, leu2Δ0, met15Δ0, ura3Δ0	Giaever et al. (2002)
BY4742	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0	Giaever et al. (2002)
BY4743	MATa/α, his3Δ1/his3Δ1, leu2Δ0/leu2Δ0, lys2Δ0/LYS2, MET15/met15Δ0	Giaever et al. (2002)
tpd3Δ	MATα, leu2Δ0, lys2Δ0, ura3Δ0, tpd3::KanMX4	Giaever et al. (2002)
psk1Δ	MATα, leu2Δ0, lys2Δ0, ura3Δ0, psk1::KanMX4	Giaever et al. (2002)
cln3Δ	MATα, leu2Δ0, lys2Δ0, ura3Δ0, cln3::KanMX4	Giaever et al. (2002)
kin3Δ	MATα, leu2Δ0, lys2Δ0, ura3Δ0, kin3::KanMX4	Giaever et al. (2002)
fus3Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, fus3::KanMX4	Giaever et al. (2002)
ptc3Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ptc3::KanMX4	Giaever et al. (2002)
tel1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, tel1::KanMX4	Giaever et al. (2002)
ybr028cΔ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ybr028c::KanMX4	Giaever et al. (2002)
reg2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, reg2::KanMX4	Giaever et al. (2002)
akl1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, akl1::KanMX4	Giaever et al. (2002)
pho3Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pho3::KanMX4	Giaever et al. (2002)
pho5Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pho5::KanMX4	Giaever et al. (2002)
vps15Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, vps15::KanMX4	Giaever et al. (2002)
ptc4Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ptc4::KanMX4	Giaever et al. (2002)
chk1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, chk1::KanMX4	Giaever et al. (2002)
pps1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pps1::KanMX4	Giaever et al. (2002)
apm3Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, apm3::KanMX4	Giaever et al. (2002)
kcc4Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, kcc4::KanMX4	Giaever et al. (2002)
sat4Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sat4::KanMX4	Giaever et al. (2002)
ssk22Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ssk22::KanMX4	Giaever et al. (2002)
ycr079wΔ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ycr079w::KanMX4	Giaever et al. (2002)
kin82Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, kin82::KanMX4	Giaever et al. (2002)
ptc1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ptc1::KanMX4	Giaever et al. (2002)
ydl025cΔ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ydl025c::KanMX4	Giaever et al. (2002)
sit4Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sit4::KanMX4	Giaever et al. (2002)
mrk1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, mrk1::KanMX4	Giaever et al. (2002)
dun1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, dun1::KanMX4	Giaever et al. (2002)
hnt1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, hnt1::KanMX4	Giaever et al. (2002)
pph21Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pph21::KanMX4	Giaever et al. (2002)
ste7Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ste7::KanMX4	Giaever et al. (2002)
pcl9Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pcl9::KanMX4	Giaever et al. (2002)
oph22Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pph22::KanMX4	Giaever et al. (2002)
rbs1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, rbs1::KanMX4	Giaever et al. (2002)
prr2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, prr2::KanMX4	Giaever et al. (2002)
ptp1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ptp1::KanMX4	Giaever et al. (2002)
sok1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sok1::KanMX4	Giaever et al. (2002)
reg1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, reg1::KanMX4	Giaever et al. (2002)
tps2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, tps2::KanMX4	Giaever et al. (2002)
pph3Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pph3::KanMX4	Giaever et al. (2002)
kin1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, kin1::KanMX4	Giaever et al. (2002)

eki1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, eki1::KanMX4	Giaever et al. (2002)
arg82Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, arg82::KanMX4	Giaever et al. (2002)
adk1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, adk1::KanMX4	Giaever et al. (2002)
vhs1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, vhs1::KanMX4	Giaever et al. (2002)
gcn2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, gcn2::KanMX4	Giaever et al. (2002)
dpp1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, dpp1::KanMX4	Giaever et al. (2002)
pro1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pro1::KanMX4	Giaever et al. (2002)
ipk1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ipk1::KanMX4	Giaever et al. (2002)
pex3Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pex3::KanMX4	Giaever et al. (2002)
sip1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sip1::KanMX4	Giaever et al. (2002)
ppm1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ppm1::KanMX4	Giaever et al. (2002)
ppz2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ppz2::KanMX4	Giaever et al. (2002)
pkh3Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pkh3::KanMX4	Giaever et al. (2002)
snf1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, snf1::KanMX4	Giaever et al. (2002)
dig2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, dig2::KanMX4	Giaever et al. (2002)
pho8Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pho8::KanMX4	Giaever et al. (2002)
pkh1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pkh1::KanMX4	Giaever et al. (2002)
lpp1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, lpp1::KanMX4	Giaever et al. (2002)
gin4Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, gin4::KanMX4	Giaever et al. (2002)
sps1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sps1::KanMX4	Giaever et al. (2002)
gal83Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, gal83::KanMX4	Giaever et al. (2002)
hom3Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, hom3::KanMX4	Giaever et al. (2002)
pcl6Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pcl6::KanMX4	Giaever et al. (2002)
hor2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, hor2::KanMX4	Giaever et al. (2002)
arg5,6Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, arg5,6::KanMX4	Giaever et al. (2002)
ptp3Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ptp3::KanMX4	Giaever et al. (2002)
ptc2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ptc2::KanMX4	Giaever et al. (2002)
sho1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sho1::KanMX4	Giaever et al. (2002)
yck3Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, yck3::KanMX4	Giaever et al. (2002)
pak1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pak1::KanMX4	Giaever et al. (2002)
yer134cΔ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, yer134c::KanMX4	Giaever et al. (2002)
bck2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, bck2::KanMX4	Giaever et al. (2002)
adk2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, adk2::KanMX4	Giaever et al. (2002)
rim15Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, rim15::KanMX4	Giaever et al. (2002)
dak2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, dak2::KanMX4	Giaever et al. (2002)
gcn20Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, gcn20::KanMX4	Giaever et al. (2002)
cmk1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, cmk1::KanMX4	Giaever et al. (2002)
fab1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, fab1::KanMX4	Giaever et al. (2002)
his2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, his2::KanMX4	Giaever et al. (2002)
ckb1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ckb1::KanMX4	Giaever et al. (2002)
alk1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, alk1::KanMX4	Giaever et al. (2002)
scy1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, scy1::KanMX4	Giaever et al. (2002)
snf4Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, snf4::KanMX4	Giaever et al. (2002)
rck1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, rck1::KanMX4	Giaever et al. (2002)
tos3Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, tos3::KanMX4	Giaever et al. (2002)
atg1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, atg1::KanMX4	Giaever et al. (2002)

gcn1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, gcn1::KanMX4	Giaever et al. (2002)
sip2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sip2::KanMX4	Giaever et al. (2002)
hxk2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, hxk2::KanMX4	Giaever et al. (2002)
cax4Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, cax4::KanMX4	Giaever et al. (2002)
kss1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, kss1::KanMX4	Giaever et al. (2002)
fmp48Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, fmp48::KanMX4	Giaever et al. (2002)
rom1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, rom1::KanMX4	Giaever et al. (2002)
pil1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pil1::KanMX4	Giaever et al. (2002)
dbf2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, dbf2::KanMX4	Giaever et al. (2002)
ppt1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ppt1::KanMX4	Giaever et al. (2002)
bub1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, bub1::KanMX4	Giaever et al. (2002)
xks1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, xks1::KanMX4	Giaever et al. (2002)
ygr205wΔ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ygr205w::KanMX4	Giaever et al. (2002)
ser2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ser2::KanMX4	Giaever et al. (2002)
pho81Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pho81::KanMX4	Giaever et al. (2002)
apl6Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, apl6::KanMX4	Giaever et al. (2002)
bud32Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, bud32::KanMX4	Giaever et al. (2002)
ste20Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ste20::KanMX4	Giaever et al. (2002)
gut1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, gut1::KanMX4	Giaever et al. (2002)
thr1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, thr1::KanMX4	Giaever et al. (2002)
slt2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, slt2::KanMX4	Giaever et al. (2002)
dog2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, dog2::KanMX4	Giaever et al. (2002)
dog1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, dog1::KanMX4	Giaever et al. (2002)
ppe1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ppe1::KanMX4	Giaever et al. (2002)
ptc7Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ptc7::KanMX4	Giaever et al. (2002)
ire1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ire1::KanMX4	Giaever et al. (2002)
ksp1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ksp1::KanMX4	Giaever et al. (2002)
yck1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, yck1::KanMX4	Giaever et al. (2002)
spl2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, spl2::KanMX4	Giaever et al. (2002)
inp51Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, inp51::KanMX4	Giaever et al. (2002)
cka1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, cka1::KanMX4	Giaever et al. (2002)
rhr2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, rhr2::KanMX4	Giaever et al. (2002)
iks1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, iks1::KanMX4	Giaever et al. (2002)
prk1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, prk1::KanMX4	Giaever et al. (2002)
pfk26Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pfk26::KanMX4	Giaever et al. (2002)
sdp1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, spd1::KanMX4	Giaever et al. (2002)
rrd1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, rrd1::KanMX4	Giaever et al. (2002)
yvh1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, yvh1::KanMX4	Giaever et al. (2002)
aps3Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, aps3::KanMX4	Giaever et al. (2002)
bck1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, bck1::KanMX4	Giaever et al. (2002)
sap185Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sap185::KanMX4	Giaever et al. (2002)
lsb6Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, lsb6::KanMX4	Giaever et al. (2002)
ime2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ime2::KanMX4	Giaever et al. (2002)
pbs2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pbs2::KanMX4	Giaever et al. (2002)
lcb3Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, lcb3::KanMX4	Giaever et al. (2002)
yak1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, yak1::KanMX4	Giaever et al. (2002)

far1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, far1::KanMX4	Giaever et al. (2002)
tpk1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, tpk1::KanMX4	Giaever et al. (2002)
hal5Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, hal5::KanMX4	Giaever et al. (2002)
swe1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, swe1::KanMX4	Giaever et al. (2002)
utr1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, utr1::KanMX4	Giaever et al. (2002)
ptk2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ptk2::KanMX4	Giaever et al. (2002)
tor1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, tor1::KanMX4	Giaever et al. (2002)
ado1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ado1::KanMX4	Giaever et al. (2002)
ymr1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ymr1::KanMX4	Giaever et al. (2002)
met14Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, met14::KanMX4	Giaever et al. (2002)
elm1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, elm1::KanMX4	Giaever et al. (2002)
sfk1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sfk1::KanMX4	Giaever et al. (2002)
ynk1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ynk1::KanMX4	Giaever et al. (2002)
hsl1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, hsl1::KanMX4	Giaever et al. (2002)
prr1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, prr1::KanMX4	Giaever et al. (2002)
ypk1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ypk1::KanMX4	Giaever et al. (2002)
ctk1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ctk1::KanMX4	Giaever et al. (2002)
mlp1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, mlp1::KanMX4	Giaever et al. (2002)
tpk3Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, tpk3::KanMX4	Giaever et al. (2002)
kkq8Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, kkq8::KanMX4	Giaever et al. (2002)
ykl171wΔ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ykl171w::KanMX4	Giaever et al. (2002)
ptk1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ptk1::KanMX4	Giaever et al. (2002)
sac1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sac1::KanMX4	Giaever et al. (2002)
sap190Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sap190::KanMX4	Giaever et al. (2002)
ysr3Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ysr3::KanMX4	Giaever et al. (2002)
psr1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, psr1::KanMX4	Giaever et al. (2002)
kns1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, kns1::KanMX4	Giaever et al. (2002)
ssk1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ssk1::KanMX4	Giaever et al. (2002)
psr2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, psr2::KanMX4	Giaever et al. (2002)
sic1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sic1::KanMX4	Giaever et al. (2002)
kin2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, kin2::KanMX4	Giaever et al. (2002)
hog1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, hog1::KanMX4	Giaever et al. (2002)
cki1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, cki1::KanMX4	Giaever et al. (2002)
vps34Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, vps34::KanMX4	Giaever et al. (2002)
rck2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, rck2::KanMX4	Giaever et al. (2002)
lcb5Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, lcb5::KanMX4	Giaever et al. (2002)
ste11Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ste11::KanMX4	Giaever et al. (2002)
ppz1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ppz1::KanMX4	Giaever et al. (2002)
pif1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pif1::KanMX4	Giaever et al. (2002)
dak1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, dak1::KanMX4	Giaever et al. (2002)
tsl1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, tsl1::KanMX4	Giaever et al. (2002)
ctk3Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ctk3::KanMX4	Giaever et al. (2002)
mih1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, mih1::KanMX4	Giaever et al. (2002)
ypk2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ypk2::KanMX4	Giaever et al. (2002)
tpp1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, tpp1::KanMX4	Giaever et al. (2002)
cln1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, cln1::KanMX4	Giaever et al. (2002)

tps3Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, tps3::KanMX4	Giaever et al. (2002)
ymr291wΔ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ymr291w::KanMX4	Giaever et al. (2002)
glc8Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, glc8::KanMX4	Giaever et al. (2002)
ark1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ark1::KanMX4	Giaever et al. (2002)
siw14Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, siw14::KanMX4	Giaever et al. (2002)
msg5Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, msg5::KanMX4	Giaever et al. (2002)
inp52Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, inp52::KanMX4	Giaever et al. (2002)
tep1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, tep1::KanMX4	Giaever et al. (2002)
yck2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, yck2::KanMX4	Giaever et al. (2002)
npr1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, npr1::KanMX4	Giaever et al. (2002)
pcl1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pcl1::KanMX4	Giaever et al. (2002)
cla4Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, cla4::KanMX4	Giaever et al. (2002)
mck1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, mck1::KanMX4	Giaever et al. (2002)
urk1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, urk1::KanMX4	Giaever et al. (2002)
ssk2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ssk2::KanMX4	Giaever et al. (2002)
ppg1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ppg1::KanMX4	Giaever et al. (2002)
ynr047wΔ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ynr047w::KanMX4	Giaever et al. (2002)
pho80Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pho80::KanMX4	Giaever et al. (2002)
cmk2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, cmk2::KanMX4	Giaever et al. (2002)
psk2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, psk2::KanMX4	Giaever et al. (2002)
thi20Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, thi20::KanMX4	Giaever et al. (2002)
inp54Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, inp54::KanMX4	Giaever et al. (2002)
pkh2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pkh2::KanMX4	Giaever et al. (2002)
skm1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, skm1::KanMX4	Giaever et al. (2002)
ygk3Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ygk3::KanMX4	Giaever et al. (2002)
pfk27Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pfk27::KanMX4	Giaever et al. (2002)
yol138cΔ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, yol138c::KanMX4	Giaever et al. (2002)
rts1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, rts1::KanMX4	Giaever et al. (2002)
ckb2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ckb2::KanMX4	Giaever et al. (2002)
vhs3Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, vhs3::KanMX4	Giaever et al. (2002)
cka2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, cka2::KanMX4	Giaever et al. (2002)
ptc5Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ptc5::KanMX4	Giaever et al. (2002)
inp53Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, inp53::KanMX4	Giaever et al. (2002)
lcb4Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, lcb4::KanMX4	Giaever et al. (2002)
gac1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, gac1::KanMX4	Giaever et al. (2002)
ptp2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ptp2::KanMX4	Giaever et al. (2002)
mkk1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, mkk1::KanMX4	Giaever et al. (2002)
kin4Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, kin4::KanMX4	Giaever et al. (2002)
hrk1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, hrk1::KanMX4	Giaever et al. (2002)
pyk2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pyk2::KanMX4	Giaever et al. (2002)
mek1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, mek1::KanMX4	Giaever et al. (2002)
lsp1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, lsp1::KanMX4	Giaever et al. (2002)
sks1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sks1::KanMX4	Giaever et al. (2002)
pho85Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pho85::KanMX4	Giaever et al. (2002)
ssn3Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ssn3::KanMX4	Giaever et al. (2002)
dig1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, dig1::KanMX4	Giaever et al. (2002)

bro1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, bro1::KanMX4	Giaever et al. (2002)
mkk2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, mkk2::KanMX4	Giaever et al. (2002)
ypl141cΔ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ypl141c::KanMX4	Giaever et al. (2002)
ypl150wΔ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ypl150w::KanMX4	Giaever et al. (2002)
ppq1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ppq1::KanMX4	Giaever et al. (2002)
pos5Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pos5::KanMX4	Giaever et al. (2002)
apl5Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, apl5::KanMX4	Giaever et al. (2002)
tpk2Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, tpk2::KanMX4	Giaever et al. (2002)
thi6Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, thi6::KanMX4	Giaever et al. (2002)
pcl8Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pcl8::KanMX4	Giaever et al. (2002)
ypl236cΔ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ypl236c::KanMX4	Giaever et al. (2002)
thi21Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, thi21::KanMX4	Giaever et al. (2002)
smk1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, smk1::KanMX4	Giaever et al. (2002)
ltp1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ltp1::KanMX4	Giaever et al. (2002)
isr1Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, isr1::KanMX4	Giaever et al. (2002)
dbf20Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, dbf20::KanMX4	Giaever et al. (2002)
thi22Δ	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, thi22::KanMX4	Giaever et al. (2002)
BY4742/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pot1::POT1-GFP (HIS5)	This study
tpd3Δ/POT1-GFP	MATα, leu2Δ0, lys2Δ0, ura3Δ0, tpd3::KanMX4, pot1::POT1-GFP (natR)	This study
psk1Δ/POT1-GFP	MATα, leu2Δ0, lys2Δ0, ura3Δ0, psk1::KanMX4, pot1::POT1-GFP (natR)	This study
cln3Δ/POT1-GFP	MATα, leu2Δ0, lys2Δ0, ura3Δ0, cln3::KanMX4, pot1::POT1-GFP (natR)	This study
kin3Δ/POT1-GFP	MATα, leu2Δ0, lys2Δ0, ura3Δ0, kin3::KanMX4, pot1::POT1-GFP (natR)	This study
fus3Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, fus3::KanMX4, pot1::POT1-GFP (HIS5)	This study
ptc3Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ptc3::KanMX4, pot1::POT1-GFP (HIS5)	This study
tel1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, tel1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ybr028cΔ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ybr028c::KanMX4, pot1::POT1-GFP (HIS5)	This study
reg2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, reg2::KanMX4, pot1::POT1-GFP (HIS5)	This study
akl1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, akl1::KanMX4, pot1::POT1-GFP (HIS5)	This study
pho3Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pho3::KanMX4, pot1::POT1-GFP (HIS5)	This study
pho5Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pho5::KanMX4, pot1::POT1-GFP (HIS5)	This study
vps15Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, vps15::KanMX4, pot1::POT1-GFP (HIS5)	This study
ptc4Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ptc4::KanMX4, pot1::POT1-GFP (HIS5)	This study
chk1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, chk1::KanMX4, pot1::POT1-GFP (HIS5)	This study
pps1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pps1::KanMX4, pot1::POT1-GFP (HIS5)	This study
apm3Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, apm3::KanMX4, pot1::POT1-GFP (HIS5)	This study
kcc4Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, kcc4::KanMX4, pot1::POT1-GFP (HIS5)	This study
sat4Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sat4::KanMX4, pot1::POT1-GFP (HIS5)	This study
ssk22Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ssk22::KanMX4, pot1::POT1-GFP (HIS5)	This study
ycr079wΔ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ycr079w::KanMX4, pot1::POT1-GFP (HIS5)	This study
kin82Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, kin82::KanMX4, pot1::POT1-GFP (HIS5)	This study
ptc1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ptc1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ydl025cΔ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ydl025c::KanMX4, pot1::POT1-GFP (HIS5)	This study
sit4Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sit4::KanMX4, pot1::POT1-GFP (HIS5)	This study
mrk1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, mrk1::KanMX4, pot1::POT1-GFP (HIS5)	This study
dun1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, dun1::KanMX4, pot1::POT1-GFP (HIS5)	This study
hnt1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, hnt1::KanMX4, pot1::POT1-GFP (HIS5)	This study

pph21Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pph21::KanMX4, pot1::POT1-GFP (HIS5)	This study
ste7Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ste7::KanMX4, pot1::POT1-GFP (HIS5)	This study
pcl9Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pcl9::KanMX4, pot1::POT1-GFP (HIS5)	This study
pph22Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pph22::KanMX4, pot1::POT1-GFP (HIS5)	This study
rbs1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, rbs1::KanMX4, pot1::POT1-GFP (HIS5)	This study
prr2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, prr2::KanMX4, pot1::POT1-GFP (HIS5)	This study
ptp1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ptp1::KanMX4, pot1::POT1-GFP (HIS5)	This study
sok1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sok1::KanMX4, pot1::POT1-GFP (HIS5)	This study
reg1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, reg1::KanMX4, pot1::POT1-GFP (HIS5)	This study
tps2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, tps2::KanMX4, pot1::POT1-GFP (HIS5)	This study
pph3Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pph3::KanMX4, pot1::POT1-GFP (HIS5)	This study
kin1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, kin1::KanMX4, pot1::POT1-GFP (HIS5)	This study
eki1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, eki1::KanMX4, pot1::POT1-GFP (HIS5)	This study
arg82Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, arg82::KanMX4, pot1::POT1-GFP (HIS5)	This study
adk1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, adk1::KanMX4, pot1::POT1-GFP (HIS5)	This study
vhs1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, vhs1::KanMX4, pot1::POT1-GFP (HIS5)	This study
gcn2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, gcn2::KanMX4, pot1::POT1-GFP (HIS5)	This study
dpp1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, dpp1::KanMX4, pot1::POT1-GFP (HIS5)	This study
pro1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pro1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ipk1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ipk1::KanMX4, pot1::POT1-GFP (HIS5)	This study
pex3Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pex3::KanMX4, pot1::POT1-GFP (HIS5)	This study
sip1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sip1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ppm1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ppm1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ppz2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ppz2::KanMX4, pot1::POT1-GFP (HIS5)	This study
pkh3Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pkh3::KanMX4, pot1::POT1-GFP (HIS5)	This study
snf1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, snf1::KanMX4, pot1::POT1-GFP (HIS5)	This study
dig2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, dig2::KanMX4, pot1::POT1-GFP (HIS5)	This study
pho8Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pho8::KanMX4, pot1::POT1-GFP (HIS5)	This study
pkh1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pkh1::KanMX4, pot1::POT1-GFP (HIS5)	This study
lpp1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, lpp1::KanMX4, pot1::POT1-GFP (HIS5)	This study
gin4Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, gin4::KanMX4, pot1::POT1-GFP (HIS5)	This study
sps1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sps1::KanMX4, pot1::POT1-GFP (HIS5)	This study
gal83Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, gal83::KanMX4, pot1::POT1-GFP (HIS5)	This study
hom3Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, hom3::KanMX4, pot1::POT1-GFP (HIS5)	This study
pcl6Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pcl6::KanMX4, pot1::POT1-GFP (HIS5)	This study
hor2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, hor2::KanMX4, pot1::POT1-GFP (HIS5)	This study
arg5,6Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, arg5,6::KanMX4, pot1::POT1-GFP (HIS5)	This study
ptp3Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ptp3::KanMX4, pot1::POT1-GFP (HIS5)	This study
ptc2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ptc2::KanMX4, pot1::POT1-GFP (HIS5)	This study
sho1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sho1::KanMX4, pot1::POT1-GFP (HIS5)	This study
yck3Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, yck3::KanMX4, pot1::POT1-GFP (HIS5)	This study
pak1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pak1::kanMX4, pot1::POT1-GFP (HIS5)	This study
yer134cΔ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, yer134c::KanMX4, pot1::POT1-GFP (HIS5)	This study
bck2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, bck2::KanMX4, pot1::POT1-GFP (HIS5)	This study
adk2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, adk2::KanMX4, pot1::POT1-GFP (HIS5)	This study
rim15Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, rim15::KanMX4, pot1::POT1-GFP (HIS5)	This study

dak2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, dak2::KanMX4, pot1::POT1-GFP (HIS5)	This study
gcn20Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, gcn20::KanMX4, pot1::POT1-GFP (HIS5)	This study
cmk1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, cmk1::KanMX4, pot1::POT1-GFP (HIS5)	This study
fab1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, fab1::KanMX4, pot1::POT1-GFP (HIS5)	This study
his2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, his2::KanMX4, pot1::POT1-GFP (natR)	This study
ckb1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ckb1::KanMX4, pot1::POT1-GFP (HIS5)	This study
alk1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, alk1::KanMX4, pot1::POT1-GFP (HIS5)	This study
scy1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, scy1::KanMX4, pot1::POT1-GFP (HIS5)	This study
snf4Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, snf4::KanMX4, pot1::POT1-GFP (HIS5)	This study
rck1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, rck1::KanMX4, pot1::POT1-GFP (HIS5)	This study
tos3Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, tos3::KanMX4, pot1::POT1-GFP (HIS5)	This study
atg1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, atg1::KanMX4, pot1::POT1-GFP (HIS5)	This study
gcn1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, gcn1::KanMX4, pot1::POT1-GFP (HIS5)	This study
sip2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sip2::KanMX4, pot1::POT1-GFP (HIS5)	This study
hxk2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, hxk2::KanMX4, pot1::POT1-GFP (HIS5)	This study
cax4Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, cax4::KanMX4, pot1::POT1-GFP (HIS5)	This study
kss1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, kss1::KanMX4, pot1::POT1-GFP (HIS5)	This study
fmp48Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, fmp48::KanMX4, pot1::POT1-GFP (HIS5)	This study
rom1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, rom1::KanMX4, pot1::POT1-GFP (HIS5)	This study
pil1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pil1::KanMX4, pot1::POT1-GFP (HIS5)	This study
dbf2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, dbf2::KanMX4, pot1::POT1-GFP (HIS5)	This study
ppt1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ppt1::KanMX4, pot1::POT1-GFP (HIS5)	This study
bub1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, bub1::KanMX4, pot1::POT1-GFP (HIS5)	This study
xks1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, xks1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ygr205wΔ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ygr205w::KanMX4, pot1::POT1-GFP (HIS5)	This study
ser2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ser2::KanMX4, pot1::POT1-GFP (HIS5)	This study
pho81Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pho81::KanMX4, pot1::POT1-GFP (HIS5)	This study
apl6Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, apl6::KanMX4, pot1::POT1-GFP (HIS5)	This study
bud32Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, bud32::KanMX4, pot1::POT1-GFP (HIS5)	This study
ste20Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ste20::KanMX4, pot1::POT1-GFP (HIS5)	This study
gut1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, gut1::KanMX4, pot1::POT1-GFP (HIS5)	This study
thr1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, thr1::KanMX4, pot1::POT1-GFP (HIS5)	This study
slt2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, slt2::KanMX4, pot1::POT1-GFP (HIS5)	This study
dog2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, dog2::KanMX4, pot1::POT1-GFP (HIS5)	This study
dog1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, dog1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ppe1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ppe1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ptc7Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ptc7::KanMX4, pot1::POT1-GFP (HIS5)	This study
ire1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ire1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ksp1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ksp1::KanMX4, pot1::POT1-GFP (HIS5)	This study
yck1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, yck1::KanMX4, pot1::POT1-GFP (HIS5)	This study
spl2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, spl2::KanMX4, pot1::POT1-GFP (HIS5)	This study
inp51Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, inp51::KanMX4, pot1::POT1-GFP (HIS5)	This study
cka1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, cka1::KanMX4, pot1::POT1-GFP (HIS5)	This study
rhr2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, rhr2::KanMX4, pot1::POT1-GFP (HIS5)	This study
iks1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, iks1::KanMX4, pot1::POT1-GFP (HIS5)	This study
prk1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, prk1::KanMX4, pot1::POT1-GFP (HIS5)	This study

pfk26Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pfk26::KanMX4, pot1::POT1-GFP (HIS5)	This study
sdp1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sdp1::KanMX4, pot1::POT1-GFP (HIS5)	This study
rrd1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, rrd1::KanMX4, pot1::POT1-GFP (HIS5)	This study
yvh1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, yvh1::KanMX4, pot1::POT1-GFP (HIS5)	This study
aps3Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, aps3::KanMX4, pot1::POT1-GFP (HIS5)	This study
bck1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, bck1::KanMX4, pot1::POT1-GFP (HIS5)	This study
sap185Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sap185::KanMX4, pot1::POT1-GFP (HIS5)	This study
lsb6Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, lsb6::KanMX4, pot1::POT1-GFP (HIS5)	This study
ime2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ime2::KanMX4, pot1::POT1-GFP (HIS5)	This study
pbs2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pbs2::KanMX4, pot1::POT1-GFP (HIS5)	This study
lcb3Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, lcb3::KanMX4, pot1::POT1-GFP (HIS5)	This study
yak1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, yak1::KanMX4, pot1::POT1-GFP (HIS5)	This study
far1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, far1::KanMX4, pot1::POT1-GFP (HIS5)	This study
tpk1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, tpk1::KanMX4, pot1::POT1-GFP (HIS5)	This study
hal5Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, hal5::KanMX4, pot1::POT1-GFP (HIS5)	This study
swe1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, swe1::KanMX4, pot1::POT1-GFP (HIS5)	This study
utr1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, utr1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ptk2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ptk2::KanMX4, pot1::POT1-GFP (HIS5)	This study
tor1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, tor1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ado1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ado1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ymr1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ymr1::KanMX4, pot1::POT1-GFP (HIS5)	This study
met14Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, met14::KanMX4, pot1::POT1-GFP (HIS5)	This study
elm1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, elm1::KanMX4, pot1::POT1-GFP (HIS5)	This study
sfk1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sfk1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ynk1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ynk1::KanMX4, pot1::POT1-GFP (HIS5)	This study
hsl1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, hsl1::KanMX4, pot1::POT1-GFP (HIS5)	This study
prr1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, prr1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ypk1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ypk1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ctk1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ctk1::KanMX4, pot1::POT1-GFP (HIS5)	This study
mlp1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, mlp1::KanMX4, pot1::POT1-GFP (HIS5)	This study
tpk3Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, tpk3::KanMX4, pot1::POT1-GFP (HIS5)	This study
kkq8Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, kkq8::KanMX4, pot1::POT1-GFP (HIS5)	This study
ykl171wΔ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ykl171w::KanMX4, pot1::POT1-GFP (HIS5)	This study
ptk1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ptk1::KanMX4, pot1::POT1-GFP (HIS5)	This study
sac1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sac1::KanMX4, pot1::POT1-GFP (HIS5)	This study
sap190Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sap190::KanMX4, pot1::POT1-GFP (HIS5)	This study
ysr3Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ysr3::KanMX4, pot1::POT1-GFP (HIS5)	This study
psr1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, prs1::KanMX4, pot1::POT1-GFP (HIS5)	This study
kns1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, kns1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ssk1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ssk1::KanMX4, pot1::POT1-GFP (HIS5)	This study
psr2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, psr2::KanMX4, pot1::POT1-GFP (HIS5)	This study
sic1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sic1::KanMX4, pot1::POT1-GFP (HIS5)	This study
kin2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, kin2::KanMX4, pot1::POT1-GFP (HIS5)	This study
hog1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, hog1::KanMX4, pot1::POT1-GFP (HIS5)	This study
cki1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, cki1::KanMX4, pot1::POT1-GFP (HIS5)	This study
vps34Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, vps34::KanMX4, pot1::POT1-GFP (HIS5)	This study

rck2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, rck2::KanMX4, pot1::POT1-GFP (HIS5)	This study
lcb5Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, lcb5::KanMX4, pot1::POT1-GFP (HIS5)	This study
ste11Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ste11::KanMX4, pot1::POT1-GFP (HIS5)	This study
ppz1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ppz1::KanMX4, pot1::POT1-GFP (HIS5)	This study
pif1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pif1::KanMX4, pot1::POT1-GFP (HIS5)	This study
dak1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, dak1::KanMX4, pot1::POT1-GFP (HIS5)	This study
tsl1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, tsl1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ctk3Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ctk3::KanMX4, pot1::POT1-GFP (HIS5)	This study
mih1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, mih1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ypk2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ypk2::KanMX4, pot1::POT1-GFP (HIS5)	This study
tpp1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, tpp1::KanMX4, pot1::POT1-GFP (HIS5)	This study
cln1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, cln1::KanMX4, pot1::POT1-GFP (HIS5)	This study
tps3Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, tps3::KanMX4, pot1::POT1-GFP (HIS5)	This study
ymr291wΔ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ymr291w::KanMX4, pot1::POT1-GFP (HIS5)	This study
glc8Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, glc8::KanMX4, pot1::POT1-GFP (HIS5)	This study
ark1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ark1::KanMX4, pot1::POT1-GFP (HIS5)	This study
siw14Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, siw14::KanMX4, pot1::POT1-GFP (HIS5)	This study
msg5Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, msg5::KanMX4, pot1::POT1-GFP (HIS5)	This study
inp52Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, inp52::KanMX4, pot1::POT1-GFP (HIS5)	This study
tep1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, tep1::KanMX4, pot1::POT1-GFP (HIS5)	This study
yck2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, yck2::KanMX4, pot1::POT1-GFP (HIS5)	This study
npr1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, npr1::KanMX4, pot1::POT1-GFP (HIS5)	This study
pcl1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pcl1::KanMX4, pot1::POT1-GFP (HIS5)	This study
cla4Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, cla4::KanMX4, pot1::POT1-GFP (HIS5)	This study
mck1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, mck1::KanMX4, pot1::POT1-GFP (HIS5)	This study
urk1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, urk1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ssk2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ssk1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ppg1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ppg1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ynr047wΔ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ynr047w::KanMX4, pot1::POT1-GFP (HIS5)	This study
pho80Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pho80::KanMX4, pot1::POT1-GFP (HIS5)	This study
cmk2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, cmk2::KanMX4, pot1::POT1-GFP (HIS5)	This study
psk2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, psk2::KanMX4, pot1::POT1-GFP (HIS5)	This study
thi20Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, thi20::KanMX4, pot1::POT1-GFP (HIS5)	This study
inp54Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, inp54::KanMX4, pot1::POT1-GFP (HIS5)	This study
pkh2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pkh2::KanMX4, pot1::POT1-GFP (HIS5)	This study
skm1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, skm1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ygk3Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ygk3::KanMX4, pot1::POT1-GFP (HIS5)	This study
pfk27Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pfk27::KanMX4, pot1::POT1-GFP (HIS5)	This study
yol138cΔ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, yol138c::KanMX4, pot1::POT1-GFP (HIS5)	This study
rts1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, rts1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ckb2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ckb2::KanMX4, pot1::POT1-GFP (HIS5)	This study
vhs3Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, vhs3::KanMX4, pot1::POT1-GFP (HIS5)	This study
cka2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, cka2::KanMX4, pot1::POT1-GFP (HIS5)	This study
ptc5Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ptc5::KanMX4, pot1::POT1-GFP (HIS5)	This study
inp53Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, inp53::KanMX4, pot1::POT1-GFP (HIS5)	This study
lcb4Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, lcb4::KanMX4, pot1::POT1-GFP (HIS5)	This study

gac1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, gac1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ptp2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ptp2::KanMX4, pot1::POT1-GFP (HIS5)	This study
mkk1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, mkk1::KanMX4, pot1::POT1-GFP (HIS5)	This study
kin4Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, kin4::KanMX4, pot1::POT1-GFP (HIS5)	This study
hrk1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, hrk1::KanMX4, pot1::POT1-GFP (HIS5)	This study
pyk2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pyk2::KanMX4, pot1::POT1-GFP (HIS5)	This study
mek1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, mek1::KanMX4, pot1::POT1-GFP (HIS5)	This study
lsp1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, lsp1::KanMX4, pot1::POT1-GFP (HIS5)	This study
sks1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, sks1::KanMX4, pot1::POT1-GFP (HIS5)	This study
pho85Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pho85::KanMX4, pot1::POT1-GFP (HIS5)	This study
ssn3Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ssn3::KanMX4, pot1::POT1-GFP (HIS5)	This study
dig1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, dig1::KanMX4, pot1::POT1-GFP (HIS5)	This study
bro1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, bro1::KanMX4, pot1::POT1-GFP (HIS5)	This study
mkk2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, mkk2::KanMX4, pot1::POT1-GFP (HIS5)	This study
ypl141cΔ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ypl141c::KanMX4, pot1::POT1-GFP (HIS5)	This study
ypl150wΔ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ypl150w::KanMX4, pot1::POT1-GFP (HIS5)	This study
ppq1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ppq1::KanMX4, pot1::POT1-GFP (HIS5)	This study
pos5Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pos5::KanMX4, pot1::POT1-GFP (HIS5)	This study
apl5Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, apl5::KanMX4, pot1::POT1-GFP (HIS5)	This study
tpk2Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, tpk2::KanMX4, pot1::POT1-GFP (HIS5)	This study
thi6Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, thi6::KanMX4, pot1::POT1-GFP (HIS5)	This study
pcl8Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pcl8::KanMX4, pot1::POT1-GFP (HIS5)	This study
ypl236cΔ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ypl236c::KanMX4, pot1::POT1-GFP (HIS5)	This study
thi21Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, thi21::KanMX4, pot1::POT1-GFP (HIS5)	This study
smk1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, smk1::KanMX4, pot1::POT1-GFP (HIS5)	This study
ltp1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ltp1::KanMX4, pot1::POT1-GFP (HIS5)	This study
isr1Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, isr1::KanMX4, pot1::POT1-GFP (HIS5)	This study
dbf20Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, dbf20::KanMX4, pot1::POT1-GFP (HIS5)	This study
thi22Δ/POT1-GFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, thi22::KanMX4, pot1::POT1-GFP (HIS5)	This study
BY4742/POT1-GFP/FOX2-mRFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, pot1::POT1-GFP (HIS5), fox2::FOX2-mRFP (URA3)	This study
snf1Δ/POT1-GFP/FOX2-mRFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, snf1::KanMX4, pot1::POT1-GFP (HIS5), fox2::FOX2-mRFP (URA3)	This study
slt2Δ/POT1-GFP/FOX2-mRFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, slt2::KanMX4, pot1::POT1-GFP (HIS5), fox2::FOX2-mRFP (URA3)	This study
ste11Δ/POT1-GFP/FOX2-mRFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, ste11::KanMX4, pot1::POT1-GFP (HIS5), fox2::FOX2-mRFP (URA3)	This study
yak1Δ/POT1-GFP/FOX2-mRFP	MATα, his3Δ1, leu2Δ0, lys2Δ0, ura3Δ0, yak1::KanMX4, pot1::POT1-GFP (HIS5), fox2::FOX2-mRFP (URA3)	This study
BY4743/SNF1-GFP/PEX3-mRFP	MATa/α, his3Δ1/his3Δ1, leu2Δ0/leu2Δ0, lys2Δ0/LYS2, MET15/met15Δ0, snf1::SNF1-GFP (HIS5), pex3::PEX3-mRFP (URA3)	This study
BY4743/SIP1-GFP/PEX3-mRFP	MATa/α, his3Δ1/his3Δ1, leu2Δ0/leu2Δ0, lys2Δ0/LYS2, MET15/met15Δ0, sip1::SIP1-GFP (HIS5), pex3::PEX3-mRFP (URA3)	This study
BY4743/ADR1-GFP/PEX3-mRFP	MATa/α, his3Δ1/his3Δ1, leu2Δ0/leu2Δ0, lys2Δ0/LYS2, MET15/met15Δ0, adr1::ADR1-GFP (HIS5), pex3::PEX3-mRFP (URA3)	This study
BY4743/OAF1-GFP/PEX3-mRFP	MATa/α, his3Δ1/his3Δ1, leu2Δ0/leu2Δ0, lys2Δ0/LYS2, MET15/met15Δ0, oaf1::OAF1-GFP (HIS5), pex3::PEX3-mRFP (URA3)	This study
BY4743/PIP2-GFP/PEX3-mRFP	MATa/α, his3Δ1/his3Δ1, leu2Δ0/leu2Δ0, lys2Δ0/LYS2, MET15/met15Δ0, pip2::PIP2-GFP (HIS5), pex3::PEX3-mRFP (URA3)	This study
BY4743/ADR1-GFP/RTN1-mRFP	MATa/α, his3Δ1/his3Δ1, leu2Δ0/leu2Δ0, lys2Δ0/LYS2, MET15/met15Δ0, adr1::ADR1-GFP (HIS5), pex3::PEX3-mRFP (URA3)	This study
BY4743/OAF1-GFP/RTN1-mRFP	MATa/α, his3Δ1/his3Δ1, leu2Δ0/leu2Δ0, lys2Δ0/LYS2, MET15/met15Δ0, oaf1::OAF1-GFP (HIS5), rtn1::RTN1-mRFP (URA3)	This study
BY4743/PIP2-GFP/RTN1-mRFP	MATa/α, his3Δ1/his3Δ1, leu2Δ0/leu2Δ0, lys2Δ0/LYS2, MET15/met15Δ0, pip2::PIP2-GFP (HIS5), rtn1::RTN1-mRFP (URA3)	This study

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