

Kinase	ORF
CLN3	YAL040C
PSK1	YAL017W
KIN3	YAR018C
KNS1	YLL019C
	YLR063W
KIN2	YLR096W
	YML059C
APP2	YMR192W
CLN1	YMR199W
SKY1	YMR216C
	YMR291W
CLA4	YNL298W
PCL1	YNL289W
CKA2	YOR061W
MEK1	YOR351C
PSK2	YOL045W
CLN2	YPL256C
	YPL236C
TPK2	YPL203W
	YPL150W
	YPL141C
MKK2	YPL140C
	YBR262C
CLN3	YAL040C
PSK1	YAL017W
KIN3	YAR018C
KNS1	YLL019C
	YLR063W
KIN2	YLR096W
	YML059C
APP2	YMR192W
CLN1	YMR199W
SKY1	YMR216C
	YMR291W
CLA4	YNL298W
PCL1	YNL289W
CKA2	YOR061W
MEK1	YOR351C
PSK2	YOL045W
CLN2	YPL256C
	YPL236C
TPK2	YPL203W
	YPL150W
	YPL141C
MKK2	YPL140C
	YBR262C
	YDR109C
KIN1	YDR122W
STE20	YHL007C
SLT2	YHR030C
IRE1	YHR079C
KSP1	YHR082C
YCK1	YHR135C
KCC4	YCL024W
SAT4	YCR008W
ELM1	YKL048C
HSL1	YKL101W
PRR1	YKL116C
YPK1	YKL126W
	YKL161C
TPK3	YKL166C
KKQ8	YKL168C
	YKL171W
	YGR052W
TWF1	YGR080W
CLB6	YGR109C

MKK1	YOR231W
KIN4	YOR233W
SWE1	YJL187C
TPK1	YJL164C
STE11	YLR362W
RCK2	YLR248W
VID30	YGL227W
SSN3	YPL042C
ISR1	YPR106W
DBF20	YPR111W
CLB5	YPR120C
KIN82	YCR091W
FUS3	YBL016W
TEL1	YBL088C
	YGL059W
NPR1	YNL183C
YCK2	YNL154C
PTK1	YKL198C
VHS1	YDR247W
CKA1	YIL035C
PRK1	YIL095W
	YIL042C
CMK1	YFR014C
PKH2	YOL100W
SKM1	YOL113W
YGK3	YOL128C
CMK2	YOL016C
SMK1	YPRO54W
IME2	YJL106W
BCK1	YJL095W
BUB1	YGR188C
PRR2	YDL214C
CHK1	YBR274W
PTK2	YJRO59W
	YJRO61W
DUN1	YDL101C
MSS2	YDL107W
PCL2	YDL127W
STE7	YDL159W
ARK1	YNL020C
SSK2	YNR031C
	YNR047W
AKL1	YBR028C
KSS1	YBR059C
DBF2	YGR040W
YAK1	YGR092W
HAL5	YJL141C
CTK1	YJL165C
SSK22	YKL139W
RIM11	YCR073C
IPL1	YMR139W
HRK1	YPL209C
FAB1	YOR267C
PBS2	YFR019W
YPK2	YJL128C
	YMR104C
MRK1	YDL025C
	YDL079C
	YDR466W
PKH1	YDR490C
GIN4	YDR507C
RCK1	YGL158W
TOS3	YGL179C
APG1	YGL180W
YCK3	YER123W
PAK1	YER129W
TOR1	YJRO66W
SNF1	YDR477W

SPS1	YDR523C
RIM15	YFL033C
VPS34	YLR240W
PHO85	YPL031C
GCN2	YDR283C
VPS15	YBR097W
MCK1	YNL307C

Table S2. **TAP-tagged strains screened in this study**

Kinase	ORF
HRR25	YPL204W
GUK1	YDR454C
PIK1	YNL267W
RAD53	YPL153C
SGV1	YPR161C
CDC7	YDL017W
KIN28	YDL108W
STT4	YLR305C
CDC15	YAR019C
CDC5	YMR001C
CBK1	YNL161W
IPL1	YPL209C
SLN1	YIL147C
MPS1	YDL028C
CAK1	YFL029C
TOR2	YKL203C
MEC1	YBR136W
TRA1	YHR099W
PKC1	YBL105C
MSS4	YDR208W
	YOR287C
CKA1	YIL035C
CKA2	YOR061W
YCK1	YHR135C
YCK2	YNL154C
YCK3	YER123W
PRK1	YIL095W
CLB2	YPR119W
CLN2	YPL256C
CLB5	YPR120C
