

Table S1.

NAME	GENOTYPE
K39	<u>MATα</u> <u>TRP1-P_{GALI}-ZIP1-GFP</u> <u>ura3-1</u> <u>ndt80Δ::LEU2</u> MATA ZIP1 ura3::P _{GPD1} -GAL4(848).ER::URA3 ndt80 Δ ::LEU2 CTF19-c-MYC::kanMX4 his4-260,519 leu2-3,112 trp1-289 ade2-1 thr1-4 lys2 Δ Nhe CTF19-c-MYC::kanMX4 his4-260,519 leu2-3,112 trp1-289 ade2-1 thr1-4 lys2 Δ Nhe
K29	K39 TRP1-P _{GALI} -ZIP1/zip1-4LA lys2 Δ Nhe/LYS2
K30	K39 TRP1-P _{GALI} -ZIP1-GFP/zip1-4LA lys2 Δ Nhe/LYS2
K40	K39 TRP1-P _{GALI} -ZIP1/TRP1-P _{GALI} -ZIP1
K48	K39 ZIP3/ ZIP3-c-MYC
K59	K39 zip3 Δ ::LYS2/zip3 Δ ::LYS2
K62	K40 CTF19/CTF19 NDT80/NDT80
K83	K39 zip3 Δ ::LYS2/zip3 Δ ::LYS2 fpr3 Δ ::kanMX4/fpr3 Δ ::kanMX4
K84	K39 fpr3 Δ ::kanMX4/fpr3 Δ ::kanMX4
K91	K39 zip4 Δ ::hphMX4/zip4 Δ ::hphMX4 zip3 Δ ::LYS2/zip3 Δ ::LYS2 fpr3 Δ ::kanMX4/fpr3 Δ ::kanMX4
K92	K39 zip2 Δ ::hphMX4/zip2 Δ ::hphMX4 zip3 Δ ::LYS2/zip3 Δ ::LYS2 fpr3 Δ ::kanMX4/fpr3 Δ ::kanMX4
K117	K39 pch2 Δ ::hphMX4/pch2 Δ ::hphMX4 CTF19/CTF19
AM2560	K39 pph3 Δ ::kanMX4/pph3 Δ ::kanMX4 ndt80 Δ ::hphMX4/ndt80 Δ ::hphMX4
K139 haploid a/α	<u>MATα</u> <u>TRP1-P_{GALI}-ZIP1-GFP</u> <u>ura3::P_{GPD1}-GAL4(848).ER::URA3</u> <u>ndt80Δ::hphMX4</u> CTF19-c-MYC::kanMX4 <u>MATA@THR1</u> his4-260,519 leu2-3,112 trp1-289 ade2-1 lys2 Δ Nhe R1589 (pUC18 lacZ' CEN4 ARS1 LEU2 ZIP1)
AM2632 haploid a/α	<u>MATα</u> <u>Zip3-GFP::URA3</u> <u>Ctf19-c-MYC::kanMX4</u> <u>ndt80Δ::hphMX4</u> <u>MATA@THR1</u> his4-260,519 leu2-3,112 trp1-289 ade2-1 lys2 Δ Nhe R1589 (pUC18 lacZ' CEN4 ARS1 LEU2 ZIP1)
K150 haploid a/α	K139 ZIP3-c-MYC CTF19
SM170	<u>MATα</u> <u>TRP1-P_{GALI}-ZIP1</u> <u>ura3-1</u> <u>ndt80Δ::LEU2</u> MATA ZIP1-YFP ura3::P _{GPD1} -GAL4(848).ER::URA3 ndt80 Δ ::LEU2 his4-260,519 leu2-3,112 trp1-289 ade2-1 thr1-4 lys2 Δ Nhe his4-260,519 leu2-3,112 trp1-289 ade2-1 thr1-4 lys2 Δ Nhe
SM176	SM170 ZIP1-YFP/ZIP1-YFP
SM224	SM176 ndt80 Δ ::hphMX4/ndt80 Δ ::hphMX4 leu2::ZIP1-YFP::LEU2/leu2-3,112
SM232	SM224 leu2::ZIP1-YFP::LEU2/ leu2::ZIP1-YFP::LEU2
SM240	SM170 TRP1-P _{GALI} -ZIP1-YFP/TRP1-P _{GALI} -ZIP1-YFP ndt80 Δ ::hphMX4/ndt80 Δ ::hphMX4 leu2::ZIP1-YFP::LEU2/leu2-3,112
SM248	SM170 TRP1-P _{GALI} -ZIP1/TRP1-P _{GALI} -ZIP1 ndt80 Δ ::hphMX4/ndt80 Δ ::hphMX4 leu2::ZIP1-YFP::LEU2/leu2-3,112

AM2614	<i>MATa</i> α <i>zip1</i> Δ :: <i>natMX4</i> / <i>zip1</i> Δ :: <i>natMX4</i> <i>leu2</i> :: <i>ZIP1-YFP</i> :: <i>LEU2</i> / <i>leu2</i> :: <i>ZIP1-YFP</i> :: <i>LEU2</i>
AM2648	SM170 <i>ZIP1-YFP</i> / <i>zip1</i> Δ :: <i>natMX4</i> <i>NDT80</i> / <i>NDT80</i>
AM2650	AM2648 <i>ZIP1-YFP</i> / <i>ZIP1-YFP</i>
AM2652	AM2650 <i>leu2</i> :: <i>ZIP1-YFP</i> :: <i>LEU2</i> / <i>leu2-3,112</i>
AM2654	AM2650 <i>leu2</i> :: <i>ZIP1-YFP</i> :: <i>LEU2</i> / <i>leu2</i> :: <i>ZIP1-YFP</i> :: <i>LEU2</i>
BR1919	<i>MAT</i> α <u><i>ura3-1 his4-260,519 leu2-3,112 trp1-289 ade2-1 thr1-4</i></u> <i>MAT</i> α <i>ura3-1 his4-260,519 leu2-3,112 trp1-289 ade2-1 thr1-4</i>