

Supplemental Table S1. Strains used in this study.

Figure 1C	
DY9484	<i>MATα HO-ADE2 HO-CAN1 ade2::HphMX his3 leu2 lys2 met15 trp1 ura3</i>
DY10171	<i>MATα HO-ADE2 HO-CAN1 swi5::LEU2 RS::TRP1::ACE2::HIS3::RS ade2::HphMX his3 leu2 lys2 met15 trp1 ura3</i>
DY13589	<i>MATα HO-ADE2 HO-CAN1 swi5::KanMX RS::TRP1::ACE2::HIS3::RS ash1::LEU2 ade2::HphMX his3 leu2 lys2 met15 trp1 ura3</i>
EY81	<i>MATα ho(G-1332A)-ADE2 HO-CAN1 swi5::LEU2 RS::TRP1::ACE2::HIS3::RS ade2::HphMX his3 leu2 lys2 met15 trp1 ura3</i>
DY10239	<i>MATα HO-ADE2 HO-CAN1 ace2::HIS3 ade2::HphMX his3 leu2 lys2 met15 trp1 ura3</i>
EY106	<i>MATα HO-ADE2 HO-CAN1 swi5::LEU2 ace2::RS ade2::HphMX his3 leu2 lys2 met15 trp1 ura3</i>
EY455	<i>MATα HO-ADE2 HO-CAN1 swi5::KanMX ash1::LEU2 ace2::RS ade2::HphMX his3 leu2 lys2 met15 trp1 ura3</i>
EY320	<i>MATα ho(G-1332A)-ADE2 HO-CAN1 swi5::LEU2 ace2::RS ade2::HphMX his3 leu2 lys2 met15 trp1 ura3</i>
Figure 1D	
DY9484	<i>MATα HO-ADE2 HO-CAN1 ade2::HphMX his3 leu2 lys2 met15 trp1 ura3</i>
DY13589	<i>MATα HO-ADE2 HO-CAN1 swi5::KanMX ash1::LEU2 RS::TRP1::ACE2::HIS3::RS ade2::HphMX his3 leu2 lys2 met15 trp1 ura3</i>
EY424	<i>MATα HO-ADE2 HO-CAN1 swi5::KanMX ash1::LEU2 hda3(T418I) RS::TRP1::ACE2::HIS3::RS ade2::HphMX his3 leu2 lys2 met15 trp1 ura3</i>
EY474	<i>MATα HO-ADE2 HO-CAN1 swi5::KanMX ash1::LEU2 isw2(R250I) RS::TRP1::ACE2::HIS3::RS ade2::HphMX his3 leu2 lys2 met15 trp1 ura3</i>
EY468	<i>MATα HO-ADE2 HO-CAN1 swi5::KanMX ash1::LEU2 rpd3(Y347N) RS::TRP1::ACE2::HIS3::RS ade2::HphMX his3 leu2 lys2 met15 trp1 ura3</i>

EY421	<i>MATα HO-ADE2 HO-CAN1 swi5::KanMX ash1::LEU2 tup(H575Y)</i> <i>RS::TRP1::ACE2::HIS3::RS ade2::HphMX his3 leu2 lys2 met15 trp1 ura3</i>
DY10239	<i>MATα HO-ADE2 HO-CAN1 ace2::HIS3 ade2::HphMX ade2 his3 leu2 lys2 met15</i> <i>trp1 ura3</i>
EY455	<i>MATα HO-ADE2 HO-CAN1 swi5::KanMX ash1::LEU2 ace2::RS ade2::HphMX</i> <i>his3 leu2 lys2 met15 trp1 ura3</i>
EY445	<i>MATα HO-ADE2 HO-CAN1 swi5::KanMX ash1::LEU2 hda3(T418I) ace2::RS</i> <i>ade2::HphMX his3 leu2 lys2 met15 trp1 ura3</i>
EY495	<i>MATα HO-ADE2 HO-CAN1 swi5::KanMX ash1::LEU2 isw2(R250I) ace2::RS</i> <i>ade2::HphMX his3 leu2 lys2 met15 trp1 ura3</i>
EY489	<i>MATα HO-ADE2 HO-CAN1 swi5::KanMX ash1::LEU2 rpd3(Y347N) ace2::RS</i> <i>ade2::HphMX his3 leu2 lys2 met15 trp1 ura3</i>
EY442	<i>MATα HO-ADE2 HO-CAN1 swi5::KanMX ash1::LEU2 tup(H575Y) ace2::RS</i> <i>ade2::HphMX his3 leu2 lys2 met15 trp1 ura3</i>

Figure 2

DY150	<i>MATa ade2 can1 his3 leu2 trp1 ura3</i>
DY408	<i>MATa swi5::hisG-URA3-hisG ade2 can1 his3 leu2 trp1 ura3</i>
DY1137	<i>MATa swi5::hisG-URA3-hisG ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
DY4846	<i>MATa swi5::hisG-URA3-hisG ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY5431	<i>MATα swi5::hisG-URA3-hisG ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 lys2</i> <i>trp1 ura3</i>
DY10941	<i>MATa ho(G-1332A)::KanMX(3') ade2 can1 his3 leu2 trp1 ura3</i>
DY11305	<i>MATa ho(G-1332A)::KanMX(3') swi5::LEU2 ade2 can1 his3 leu2 met15 trp1 ura3</i>
DY11307	<i>MATa ho(G-1332A)::KanMX(3') swi5::LEU2 ace2::HIS3 ade2 can1 his3 leu2</i> <i>met15 trp1 ura3</i>
DY12656	<i>MATa ho(G-1332A)::KanMX(3') swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1</i> <i>ura3</i>

DY12658 *MATa ho(G-1332A)::KanMX(3') swi5::TRP1 ash1::LEU2 ace2::HIS3 ade2 can1
his3 leu2 lys2 trp1 ura3*

Table 2

DY150	<i>MATa ade2 can1 his3 leu2 trp1 ura3</i>
DY4846	<i>MATa swi5::hisG-URA3-hisG ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY14347	<i>MATa swi5::TRP1 ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 lys2 trp1 ura3</i>
DY15413	<i>MATα TOR1-1 fpr1::NatMX RPL13A-2xFKBP12::TRP1 CKS1::FRB::KanMX ade2 can1 his3 leu2 trp1 ura3</i>
DY15492	<i>MATα TOR1-1 fpr1::NatMX RPL13A- 2xFKBP12::TRP1 CKS1::FRB::KanMX swi5::hisG-URA3-hisG ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY15489	<i>MATa TOR1-1 fpr1::NatMX RPL13A- 2xFKBP12::TRP1 CKS1::FRB::KanMX swi5::hisG-URA3-hisG ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
DY14851	<i>MATa hda1::URA3 swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 lys2 trp1 ura3</i>
DY14849	<i>MATa hda1::URA3 swi5::TRP1 ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 lys2 trp1 ura3</i>
DY14496	<i>MATa hda3::KanMX swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY14492	<i>MATa hda3::KanMX swi5::TRP1 ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
DY14237	<i>MATa isw2::LEU2 swi5::hisG-URA3-hisG ash1::TRP1 ade2 can1 his3 leu2 trp1 ura3</i>
DY14241	<i>MATa isw2::LEU2 swi5::hisG-URA3-hisG ash1::TRP1 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
DY14865	<i>MATa rpd3::LEU2 swi5::hisG-URA3-hisG ash1::TRP1 ade2 can1 his3 leu2 lys2 trp1 ura3</i>
DY14862	<i>MATa rpd3::LEU2 swi5::hisG-URA3-hisG ash1::TRP1 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>

DY16723	<i>MATa sfp1::HphMX swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY16708	<i>MATa sfp1::HphMX swi5::KanMX ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
DY16764	<i>MATa tup1(H575Y) swi5::KanMX ash1::LEU2 ade2 can1 his3 leu2 met15 trp1 ura3</i>
DY16762	<i>MATa tup1(H575Y) swi5::KanMX ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
DY15373	<i>MATa TOR1-1 fpr1::NatMX RPL13A-2xFKBP12::TRP1 UME6::FRB::KanMX ade2 can1 his3 leu2 trp1 ura3</i>
DY15361	<i>MATa TOR1-1 fpr1::NatMX RPL13A-2xFKBP12::TRP1 UME6::FRB::KanMX swi5::hisG-URA3-hisG ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY15359	<i>MATa TOR1-1 fpr1::NatMX RPL13A-2xFKBP12::TRP1 UME6::FRB::KanMX swi5::hisG-URA3-hisG ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
DY14784	<i>MATa dot6::NatMX tod6::KanMX swi5::hisG-URA3-hisG ash1::TRP1 ade2 can1 his3 leu2 trp1 ura3</i>
DY14782	<i>MATa dot6::NatMX tod6::KanMX swi5::hisG-URA3-hisG ash1::TRP1 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>

Figure 3

DY150	<i>MATa ade2 can1 his3 leu2 trp1 ura3</i>
DY408	<i>MATa swi5::hisG-URA3-hisG ade2 can1 his3 leu2 trp1 ura3</i>
DY16768	<i>MATa tup1(H575Y) swi5::KanMX ade2 can1 his3 leu2 met15 trp1 ura3</i>
DY4846	<i>MATa swi5::hisG-URA3-hisG ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY16764	<i>MATa tup1(H575Y) swi5::KanMX ash1::LEU2 ade2 can1 his3 leu2 met15 trp1 ura3</i>
DY16762	<i>MATa tup1(H575Y) swi5::KanMX ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>

Table 4	
DY150	<i>MATa ade2 can1 his3 leu2 trp1 ura3</i>
DY408	<i>MATa swi5::hisG-URA3-hisG ade2 can1 his3 leu2 trp1 ura3</i>
DY4846	<i>MATa swi5::hisG-URA3-hisG ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY14347	<i>MATa swi5::TRP1 ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 lys2 trp1 ura3</i>
EY811	<i>MATa ho(G-1762C)::KanMX(3') swi5::URA3 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
EY807	<i>MATa ho(G-1762C)::KanMX(3') swi5::TRP1 ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
EY826	<i>MATa ho(A-1734G)::KanMX(3') swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
EY818	<i>MATa ho(A-1734G)::KanMX(3') swi5::TRP1 ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
EY745	<i>MATa ho(C-1442T)::HphMX(3') swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
EY744	<i>MATa ho(C-1442T)::HphMX(3') swi5::TRP1 ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
EY740	<i>MATa ho(C-1416T)::HphMX(3') swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
EY735	<i>MATa ho(C-1416T)::HphMX(3') swi5::hisG-URA3-hisG ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
EY663	<i>MATa ho(T-1401C)::KanMX(3') swi5::hisG-URA3-hisG ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
EY667	<i>MATa ho(T-1401C)::KanMX(3') swi5::hisG-URA3-hisG ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>

EY983	<i>MATa ho(T-1399C)::KanMX(3') swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
EY979	<i>MATa ho(T-1399C)::KanMX(3') swi5::TRP1 ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
EY966	<i>MATa ho(G-1358C)::KanMX(3') swi5::hisG-URA3-hisG ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
EY962	<i>MATa ho(G-1358C)::KanMX(3') swi5::hisG-URA3-hisG ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
EY936	<i>MATa ho(T-1338C)::KanMX(3') swi5::hisG-URA3-hisG ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
EY929	<i>MATa ho(T-1338C)::KanMX(3') swi5::hisG-URA3-hisG ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
EY871	<i>MATa ho(G-1335A)::HphMX(3') swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
EY868	<i>MATa ho(G-1335A)::HphMX(3') swi5::TRP1 ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
EY849	<i>MATa ho(A-1334G)::KanMX(3') swi5::URA3 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
EY847	<i>MATa ho(A-1334G)::KanMX(3') swi5::TRP1 ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
EY951	<i>MATa ho(T-1333C)::KanMX(3') swi5::hisG-URA3-hisG ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
EY947	<i>MATa ho(T-1333C)::KanMX(3') swi5::hisG-URA3-hisG ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
DY12656	<i>MATa ho(G-1332A)::KanMX(3') swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>

DY12658	<i>MATa ho(G-1332A)::KanMX(3') swi5::TRP1 ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 lys2 trp1 ura3</i>
EY775	<i>MATa ho(A-1331T)::KanMX(3') swi5::hisG-URA3-hisG ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
EY769	<i>MATa ho(A-1331T)::KanMX(3') swi5::hisG-URA3-hisG ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
EY672	<i>MATa ho(T-1328A)::KanMX(3') swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
EY676	<i>MATa ho(T-1328A)::KanMX(3') swi5::TRP1 ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 lys2 trp1 ura3</i>
EY922	<i>MATa ho(G-1144A)::KanMX(3') swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
EY914	<i>MATa ho(G-1144A)::KanMX(3') swi5::TRP1 ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
EY696	<i>MATa ho(C-1143T)::KanMX(3') swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
EY725	<i>MATa ho(C-1143T)::HphMX(3') swi5::TRP1 ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
EY906	<i>MATa ho(G-1142A)::KanMX(3') swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
EY900	<i>MATa ho(G-1142A)::KanMX(3') swi5::TRP1 ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
EY890	<i>MATa ho(G-1141A)::KanMX(3') swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
EY883	<i>MATa ho(G-1141A)::KanMX(3') swi5::TRP1 ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>

EY840	<i>MATa ho(A-1138G)::KanMX(3') swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
EY832	<i>MATa ho(A-1138G)::KanMX(3') swi5::TRP1 ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
Figure 5A	
DY150	<i>MATa ade2 can1 his3 leu2 trp1 ura3</i>
DY408	<i>MATa swi5::hisG-URA3-hisG ade2 can1 his3 leu2 trp1 ura3</i>
DY4846	<i>MATa swi5::hisG-URA3-hisG ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY14784	<i>MATa dot6::NatMX tod6::KanMX swi5::hisG-URA3-hisG ash1::TRP1 ade2 can1 his3 leu2 trp1 ura3</i>
Figure 5B	
DY17613	<i>MATa DOT6-V5::HIS3MX ade2 can1 his3 leu2 trp1 ura3</i>
DY17611	<i>MATa DOT6-V5::HIS3MX ho(G-1332A)::KanMX(3') ade2 can1 his3 leu2 trp1 ura3</i>
Figure 5C	
DY17613	<i>MATa DOT6-V5::HIS3MX ade2 can1 his3 leu2 trp1 ura3</i>
DY17611	<i>MATa DOT6-V5::HIS3MX ho(G-1332A)::KanMX(3') ade2 can1 his3 leu2 trp1 ura3</i>
DY150	<i>MATa ade2 can1 his3 leu2 trp1 ura3</i>
Figure 5D, E	
DY6669	<i>MATa GALp::CDC20::ADE2 ade2 can1 his3 leu2 trp1 ura3</i>
DY17662	<i>MATa GALp::CDC20::ADE2 DOT6-V5::HIS3MX ade2 can1 his3 leu2 trp1 ura3</i>
DY17660	<i>MATa GALp::CDC20::ADE2 DOT6-V5::HIS3MX ho(G-1332A)::KanMX(3') ade2 can1 his3 leu2 trp1 ura3</i>
Figure 6A	
DY13782	<i>MATa UME6-Flag(3)::URA3::Flag(3) ade2 can1 his3 leu2 trp1 ura3</i>
DY16059	<i>MATa UME6-Flag(3)::URA3::Flag(3) ho(G-1142A)::KanMX(3') ade2 can1 his3 leu2 trp1 ura3</i>

Figure 6B	
DY13782	<i>MATa UME6-Flag(3)::URA3::Flag(3) ade2 can1 his3 leu2 trp1 ura3</i>
DY16059	<i>MATa UME6-Flag(3)::URA3::Flag(3) ho(G-1142A)::KanMX(3') ade2 can1 his3 leu2 trp1 ura3</i>
DY150	<i>MATa ade2 can1 his3 leu2 trp1 ura3</i>
Figure 6C	
DY15373	<i>MATa TOR1-1 fpr1::NatMX RPL13A-2xFKBP12::TRP1 UME6::FRB::KanMX ade2 can1 his3 leu2 trp1 ura3</i>
DY15365	<i>MATa TOR1-1 fpr1::NatMX RPL13A-2xFKBP12::TRP1 UME6::FRB::KanMX swi5::hisG-URA3-hisG ade2 can1 his3 leu2 trp1 ura3</i>
DY15363	<i>MATa TOR1-1 fpr1::NatMX RPL13A-2xFKBP12:::TRP1 UME6::FRB::KanMX swi5::hisG-URA3-hisG ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
DY15361	<i>MATa TOR1-1 fpr1::NatMX RPL13A-2xFKBP12:::TRP1 UME6::FRB::KanMX swi5::hisG-URA3-hisG ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY15359	<i>MATa TOR1-1 fpr1::NatMX RPL13A-2xFKBP12:::TRP1 UME6::FRB::KanMX swi5::hisG-URA3-hisG ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
Figure 7	
DY18522	<i>MATa GALp::CDC20::ADE2 ASH1-V5::HIS3MX ade2 can1 his3 leu2 trp1 ura3</i>
DY17658	<i>MATa GALp::CDC20::ADE2 UME6-Flag(3)::URA3::Flag(3) ade2 can1 his3 leu2 trp1 ura3</i>
DY17662	<i>MATa GALp::CDC20::ADE2 DOT6-V5::HIS3MX ade2 can1 his3 leu2 trp1 ura3</i>
Figure 8A	
DY18407	<i>MATa ASH1-V5::HIS3MX ade2 can1 his3 leu2 trp1 ura3</i>
DY19541	<i>MATa ASH1-V5::HIS3MX ho(G-1332A)::KanMX(3') ade2 can1 his3 leu2 trp1 ura3</i>
DY18708	<i>MATa ASH1-V5::HIS3MX ho(G-1142A)::KanMX(3') ade2 can1 his3 leu2 trp1 ura3</i>

DY19543	<i>MATa ASH1-V5::HIS3MX ho(G-1332A, G-1142A)::KanMX(3') ade2 can1 his3 leu2 trp1 ura3</i>
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Figure 8B

DY17613	<i>MATa DOT6-V5::HIS3MX ade2 can1 his3 leu2 trp1 ura3</i>
DY19537	<i>MATa DOT6-V5::HIS3MX ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY19535	<i>MATa DOT6-V5::HIS3MX ho(G-1142A)::HphMX(3') ade2 can1 his3 leu2 trp1 ura3</i>
DY19533	<i>MATa DOT6-V5::HIS3MX ho(G-1142A)::HphMX(3') ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>

Figure 8C

DY13782	<i>MATa UME6-Flag(3)::URA3::Flag(3) ade2 can1 his3 leu2 trp1 ura3</i>
DY14354	<i>MATa UME6-Flag(3)::URA3::Flag(3) ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY13781	<i>MATa UME6-Flag(3)::URA3::Flag(3) ho(G-1332A)::KanMX(3') ade2 can1 his3 leu2 trp1 ura3</i>
DY19539	<i>MATa UME6-Flag(3)::URA3::Flag(3) ho(G-1332A)::KanMX(3') ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>

Figure 9

DY150	<i>MATa ade2 can1 his3 leu2 trp1 ura3</i>
DY10941	<i>MATa ho(G-1332A)::KanMX(3') ade2 can1 his3 leu2 trp1 ura3</i>
DY16057	<i>MATa ho(G-1142A)::KanMX(3') ade2 can1 his3 leu2 trp1 ura3</i>
DY16968	<i>MATa ho(G-1332A, G-1142A)::KanMX(3') ade2 can1 his3 leu2 trp1 ura3</i>
DY4394	<i>MATa ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY12581	<i>MATa ho(G-1332A)::KanMX(3') ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY16610	<i>MATa ho(G-1142A)::HphMX(3') ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY16974	<i>MATa ho(G-1332A, G-1142A)::KanMX(3') ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY408	<i>MATa swi5::hisG-URA3-hisG ade2 can1 his3 leu2 trp1 ura3</i>

DY15892	<i>MATa ho(G-1332A)::KanMX(3') swi5::hisG-URA3-hisG ade2 can1 his3 leu2 trp1 ura3</i>
DY15940	<i>MATa ho(G-1142A)::KanMX(3') swi5::hisG-URA3-hisG ade2 can1 his3 leu2 trp1 ura3</i>
DY16965	<i>MATa ho(G-1332A, G-1142A)::KanMX(3') swi5::TRP1 ade2 can1 his3 leu2 trp1 ura3</i>
DY4846	<i>MATa swi5::hisG-URA3-hisG ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY12656	<i>MATa ho(G-1332A)::KanMX(3') swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY15937	<i>MATa ho(G-1142A)::KanMX(3') swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY16963	<i>MATa ho(G-1332A, G-1142A)::KanMX(3') swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>

Figure 10

DY17742	<i>MATa RPD3-V5::HIS3MX ho(9xSBFmut) ade2 can1 his3 leu2 trp1 ura3</i>
DY17693	<i>MATa RPD3-V5::HIS3MX ho(9xSBFmut) ash1:LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY17744	<i>MATa RPD3-V5::HIS3MX ho(G-1332A, 9xSBFmut)::KanMX(3') ade2 can1 his3 leu2 trp1 ura3</i>
DY18666	<i>MATa RPD3-V5::HIS3MX ho(G-1142A, 9xSBFmut)::KanMX(3') ade2 can1 his3 leu2 trp1 ura3</i>
DY17748	<i>MATa RPD3-V5::HIS3MX ho(G-1332A, 9xSBFmut)::KanMX(3') ash1:LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY17752	<i>MATa RPD3-V5::HIS3MX ho(G-1142A, 9xSBFmut) ash1:LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY17682	<i>MATa RPD3-V5::HIS3MX ho(G-1332A, G-1142A, 9xSBFmut)::KanMX(3') ade2 can1 his3 leu2 trp1 ura3</i>

DY17750	<i>MATa RPD3-V5::HIS3MX ho(G-1332A, G-1142A, 9xSBFmut)::KanMX(3')</i> <i>ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
Figure 11	
DY19207	<i>MATa SWI2-V5::HphMX ade2 can1 his3 leu2 trp1 ura3</i>
DY19250	<i>MATa SWI2-V5::HphMX swi5::TRP1 ade2 can1 his3 leu2 trp1 ura3</i>
DY19330	<i>MATa SWI2-V5::HphMX swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY19247	<i>MATa SWI2-V5::HphMX ho(G-1332A)::KanMX(3') swi5::TRP1 ade2 can1 his3</i> <i>leu2 trp1 ura3</i>
DY19251	<i>MATa SWI2-V5::HphMX ho(G-1142A)::KanMX(3') swi5::TRP1 ade2 can1 his3 leu2</i> <i>trp1 ura3</i>
DY19491	<i>MATa SWI2-V5::HphMX ho(G-1332A)::KanMX(3') swi5::TRP1 ash1::LEU2 ade2</i> <i>can1 his3 leu2 trp1 ura3</i>
DY19493	<i>MATa SWI2-V5::HphMX ho(G-1142A)::KanMX(3') swi5::TRP1 ash1::LEU2 ade2</i> <i>can1 his3 leu2 trp1 ura3</i>
DY19326	<i>MATa SWI2-V5::HphMX ho(G-1332A, G-1142A)::KanMX(3') swi5::TRP1 ade2</i> <i>can1 his3 leu2 trp1 ura3</i>
DY19323	<i>MATa SWI2-V5::HphMX ho(G-1332A, G-1142A)::KanMX(3') swi5::TRP1</i> <i>ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
Figure S1A, B	
DY17613	<i>MATa DOT6-V5::HIS3MX ade2 can1 his3 leu2 trp1 ura3</i>
DY17611	<i>MATa DOT6-V5::HIS3MX ho(G-1332A)::KanMX(3') ade2 can1 his3 leu2 trp1 ura3</i>
DY150	<i>MATa ade2 can1 his3 leu2 trp1 ura3</i>
Figure S2A, B	
DY13782	<i>MATa UME6-Flag(3)::URA3::Flag(3) ade2 can1 his3 leu2 trp1 ura3</i>
DY16059	<i>MATa UME6-Flag(3)::URA3::Flag(3) ho(G-1142A)::KanMX(3') ade2 can1 his3</i> <i>leu2 trp1 ura3</i>
DY150	<i>MATa ade2 can1 his3 leu2 trp1 ura3</i>

Figure S3

DY15373	<i>MATa TOR1-1 fpr1::NatMX RPL13A-2xFKBP12::TRP1 UME6::FRB::KanMX ade2 can1 his3 leu2 trp1 ura3</i>
DY15365	<i>MATa TOR1-1 fpr1::NatMX RPL13A-2xFKBP12::TRP1 UME6::FRB::KanMX swi5::hisG-URA3-hisG ade2 can1 his3 leu2 trp1 ura3</i>
DY15363	<i>MATa TOR1-1 fpr1::NatMX RPL13A-2xFKBP12::TRP1 UME6::FRB::KanMX swi5::hisG-URA3-hisG ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>
DY15361	<i>MATa TOR1-1 fpr1::NatMX RPL13A-2xFKBP12::TRP1 UME6::FRB::KanMX swi5::hisG-URA3-hisG ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY15359	<i>MATa TOR1-1 fpr1::NatMX RPL13A-2xFKBP12::TRP1 UME6::FRB::KanMX swi5::hisG-URA3-hisG ash1::LEU2 ace2::HIS3 ade2 can1 his3 leu2 trp1 ura3</i>

Figure S4

DY18522	<i>MATa GALp::CDC20::ADE2 ASH1-V5::HIS3MX ade2 can1 his3 leu2 trp1 ura3</i>
DY17658	<i>MATa GALp::CDC20::ADE2 UME6-Flag(3)::URA3::Flag(3) ade2 can1 his3 leu2 trp1 ura3</i>
DY17662	<i>MATa GALp::CDC20::ADE2 DOT6-V5::HIS3MX ade2 can1 his3 leu2 trp1 ura3</i>

Figure S5A, B

DY17742	<i>MATa RPD3-V5::HIS3MX ho(9xSBFmut) ade2 can1 his3 leu2 trp1 ura3</i>
DY17693	<i>MATa RPD3-V5::HIS3MX ho(9xSBFmut) ash1:LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY17744	<i>MATa RPD3-V5::HIS3MX ho(G-1332A, 9xSBFmut)::KanMX(3') ade2 can1 his3 leu2 trp1 ura3</i>
DY18666	<i>MATa RPD3-V5::HIS3MX ho(G-1142A, 9xSBFmut)::KanMX(3') ade2 can1 his3 leu2 trp1 ura3</i>
DY17748	<i>MATa RPD3-V5::HIS3MX ho(G-1332A, 9xSBFmut)::KanMX(3') ash1:LEU2 ade2 can1 his3 leu2 trp1 ura3</i>

DY17752	<i>MATa RPD3-V5::HIS3MX ho(G-1142A, 9xSBFmut) ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY17682	<i>MATa RPD3-V5::HIS3MX ho(G-1332A, G-1142A, 9xSBFmut)::KanMX(3') ade2 can1 his3 leu2 trp1 ura3</i>
DY17750	<i>MATa RPD3-V5::HIS3MX ho(G-1332A, G-1142A, 9xSBFmut)::KanMX(3') ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY17746	<i>MATa RPD3-V5::HIS3MX ho(9xSBFmut) ash1::LEU2 sin3:hisG ade2 can1 his3 leu2 trp1 ura3</i>
DY17753	<i>MATa ho(9xSBFmut) ade2 can1 his3 leu2 trp1 ura3</i>

Figure S6A, B

DY19207	<i>MATa SWI2-V5::HphMX ade2 can1 his3 leu2 trp1 ura3</i>
DY19250	<i>MATa SWI2-V5::HphMX swi5::TRP1 ade2 can1 his3 leu2 trp1 ura3</i>
DY19330	<i>MATa SWI2-V5::HphMX swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY19247	<i>MATa SWI2-V5::HphMX ho(G-1332A)::KanMX(3') swi5::TRP1 ade2 can1 his3 leu2 trp1 ura3</i>
DY19251	<i>MATa SWI2-V5::HphMX ho(G-1142A)::KanMX(3') swi5::TRP1 ade2 can1 his3 leu2 trp1 ura3</i>
DY19491	<i>MATa SWI2-V5::HphMX ho(G-1332A)::KanMX(3') swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY19493	<i>MATa SWI2-V5::HphMX ho(G-1142A)::KanMX(3') swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY19326	<i>MATa SWI2-V5::HphMX ho(G-1332A, G-1142A)::KanMX(3') swi5::TRP1 ade2 can1 his3 leu2 trp1 ura3</i>
DY19323	<i>MATa SWI2-V5::HphMX ho(G-1332A, G-1142A)::KanMX(3') swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>

Figure S7

DY5832	<i>MATa SWI5-Myc(8)::KanMX ade2 can1 his3 leu2 trp1 ura3</i>
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DY8749	<i>MATa SWI5-Myc(8)::KanMX ash1::TRP1 ade2 can1 his3 leu2 trp1</i>
DY17188	<i>MATa SWI5-Myc(8)::KanMX ho(G-1332A)::HphMX(3') ade2 can1 his3 leu2 trp1</i>
DY18096	<i>MATa SWI5-Myc(8)::KanMX ho(G-1142A)::HphMX(3') ade2 can1 his3 leu2 trp1</i>
DY17186	<i>MATa SWI5-Myc(8)::KanMX ho(G-1332A)::HphMX(3') ash1::TRP1 ade2 can1 his3 leu2 trp1</i>
DY18098	<i>MATa SWI5-Myc(8)::KanMX ho(G-1142A)::HphMX(3') ash1::TRP1 ade2 can1 his3 leu2 trp1</i>
<hr/> Materials and Methods <hr/>	
DY10171	<i>MATα HO-ADE2 HO-CAN1 swi5::LEU2 RS::TRP1::ACE2::HIS3::RS ade2::HphMX his3 leu2 lys2 met15 trp1 ura3</i>
DY10085	<i>MATα HO-ADE2 HO-CAN1 swi5::LEU2 ade2::HphMX his3 leu2 lys2 met15 trp1 ura3</i>
DY10941	<i>MATa ho(G-1332A)::KanMX(3') ade2 can1 his3 leu2 trp1 ura3</i>
DY7874	<i>MATa ho[URA3(-1496 to -1222 deleted)]::KanMX(3') ade2 can1 his3 leu2 trp1 ura3</i>
DY14815	<i>MATa ho[URA3(K. lactis)::KanMX(inserted at -1750)] swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY14198	<i>MATa ho[URA3(-1496 to -1222 deleted)]::KanMX(3') swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY14840	<i>MATa ho[URA3(K. lactis)::KanMX(inserted at -1200)] swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY15937	<i>MATa ho(G-1142A)::KanMX(3') swi5:TRP1 ash1:LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
DY14839	<i>MATa ho[URA3(K. lactis)::KanMX(inserted at -1200)] swi5::TRP1 ash1::LEU2 ade2 can1 his3 leu2 trp1 ura3</i>
Y40343	<i>MATα TOR1-1 fpr1::NatMX RPL13A-2xFKBP12::TRP1 ade2 can1 his3 leu2 trp1 ura3</i>

DY13589	<i>MATα HO-ADE2 HO-CAN1 swi5::KanMX ash1::LEU2 RS::TRP1::ACE2::HIS3::RS ade2::HphMX his3 leu2 lys2 met15 trp1 ura3</i>
DY10061	<i>MATα HO-ADE2::KanMX(3') HO-CAN1 swi5::LEU2 ade2 his3 leu2 met15 trp1 ura3</i>
DY13857	<i>MATα HO-ADE2::NatMX(3') HO-CAN1 ash1::LEU2 swi5::KanMX ade2 his3 leu2 met15 trp1 ura3</i>
DY10174	<i>MATα HO-ADE2 HO-CAN1 swi5::LEU2 ace2::HIS3 ade2 his3 leu2 met15 trp1 ura3</i>
DY13855	<i>MATα HO-ADE2::NatMX(3') HO-CAN1 swi5::KanMX ash1::LEU2 ace2::HIS3 ade2 his3 leu2 met15 trp1 ura3</i>
DY9341	<i>MATΔ::LEU2 HO-ADE2 HO-CAN1 swi5::KanMX ade2 his3 leu2 met15 ura3</i>
DY13891	<i>MATΔ::NATMX HO-ADE2 HO-CAN1 swi5::KanMX ash1::LEU2 ade2 his3 leu2 trp1 ura3</i>
DY13862	<i>MATα ho(-1496 to -1130 deleted)-ADE2::KanMX(3') swi5::LEU2 RS::TRP1::ACE2::HIS3::RS ade2::HphMX can1 his3 leu2 lys2 trp1 ura3</i>
DY13863	<i>MATα ho[sup4-o(-1496 to -1222 deleted)]-ADE2::KanMX swi5::LEU2 RS::TRP1::ACE2::HIS3::RS ade2::HphMX can1 his3 leu2 lys2 trp1 ura3</i>
DY13925	<i>MATα ho[sup4-o(-1496 to -1222 deleted)]-ADE2::KanMX swi5::hisG-URA3-hisG ash1::LEU2 RS::TRP1::ACE2::HIS3::RS ade2::HphMX can1 his3 leu2 lys2 trp1 ura3</i>
DY13832	<i>MATα ho[URA3(-1496 to -1222 deleted)]:KanMX(3') swi5::LEU2 RS::TRP1::ACE2::HIS3::RS ade2::HphMX can1 his3 leu2 lys2 trp1 ura3</i>
