

Supplemental Table S1 – strain list

Name	Genotype
JKM179	<i>MATα hoΔ hmlΔ::ADE1 hmrΔ::ADE1 ade1-100 leu2-3,112 trp::hisG lys5 ura3-52 ade3::GAL::HO</i>
YMT233	<i>JKM179 rtt109::KAN</i>
YLK09	<i>JKM179 rtt101::LEU2</i>
YJK17	<i>MATα hoΔ hmlΔ::ADE1 hmrΔ::ADE1 ade1-100 leu2-3,112 trp::hisG lys5 ura3-52 ade3::GAL::HO arg5,6::MATα-inc::HPHI</i>
YJK113	<i>YJK17 asf1::KAN</i>
YJK115	<i>YJK17 asf1::KAN cac1::NAT</i>
YJK117	<i>YJK17 cac1::NAT</i>
YMT129	<i>YJK17 rtt109::KAN</i>
YMT130	<i>YJK17 asf1::TRP1 rtt109::KAN</i>
YLK06	<i>YJK17 rtt101::LEU2</i>
YFA01	<i>YJK17 pJH592 (ura3-52::HO::URA3)</i>
YFA02	<i>YFA01 asf1::TRP1</i>
YFA03	<i>YFA01 cac1::NAT</i>
YFA04	<i>YFA01 asf1::TRP1 cac1::NAT</i>
YFA05	<i>YFA01 cac1::NAT rtt109::KAN</i>
YFA06	<i>YFA01 rtt109::KAN</i>
YMV080	<i>hoΔ hmlΔ::ADE1 mataΔ::hisG hmrΔ::ADE1 his4::[NAT-leu2(Asp718-Sall)] leu2::HOcs ade3::GAL::HO adel lys5 ura3-52</i>
YMT169	<i>YMV080 nat::HPH asf1::TRP1</i>

YMT170	<i>YMV080 nat::HPH</i>
YLK03	<i>YFA01 rtt101::LEU2</i>
YLK04	<i>YFA01 rtt101::LEU2 asf1::TRP1</i>
YLK05	<i>YFA01 rtt101::LEU2 rtt109::KAN</i>
YLK08	<i>YFA01 asf1::TRP1 rtt109::KAN</i>
YLK13	<i>YFA01 hht2-R129E::LEU2</i>
YLK14	<i>YFA01 hht2-R129E::LEU2 rtt101::KAN</i>
YLK15	<i>YFA01 hht2-R129E::LEU2 asf1::KAN</i>
YLK16	<i>YFA01 hht2-R129E::LEU2 rtt109::KAN</i>
YMT207	<i>YFA01 ASF1-3XHA::TRP1</i>
YMT208	<i>hoΔ hml::ADE1 MATα hmr::ADE1 ade1-110 leu2,3-112 lys5 trp1::hisG ura3-52 ade3::GAL:HO ASF1-3XHA::TRP1</i>
YMT209	<i>YJK17 ASF1-3XHA::TRP1</i>
YMT236	<i>YLK03 ASF1-3XHA::TRP1</i>
YMT243	<i>YFA06 ASF1-3XHA::TRP1</i>
YMT221	<i>YFA01 ura3-52::TIR1::URA3 RAD53-AID-9XMYC::KAN</i>
YMT222	<i>YMT221 asf1::TRP1</i>
VE464	<i>hoΔ hml::ADE1 MATα hmr::ADE1 ade1-110 leu2,3-112 lys5 trp1::hisG ura3-52 ade3::GAL:HO ura3-52::TIR1::URA3 DDC2-AID-9XMYC::KAN</i>
YMT241	<i>VE464 asf1::TRP1</i>
tNS024	<i>ho HMLα leu2 matΔ::LEU2 hmr-3Δ ma12 ura3-52 trp1 thr GAL⁺ pSE271::GAL10::HO (TRP1 ARSI CEN4) pJH592 (ura3-52::HO::URA3)</i>
YMT223	<i>YFA01 pRS314</i>

YMT224	<i>YFA01 pJH2447 (GAL-PTC2)</i>
YMT225	<i>YFA02 pRS314</i>
YMT226	<i>YFA02 pJH2447 (GAL-PTC2)</i>
YMT248	<i>YFA01 mad2::KAN</i>
YMT249	<i>YLK03 mad2::KAN</i>