

Table S4

Strain	Background	Genotype
MJ512xMJ513	SK1	<i>ho::LYS2^r lys2Δ^r leu2^r arg4^r ura3Δ/URA3</i>
MJ600xMJ631	S288c	<i>ade8Δ^r</i>
MC25xMC26	SK1	<i>ho::LYS2^r lys2Δ^r arg4^r leu2^r msh2Δ::KanMX6^r</i>
MC51xMC49	S288c	<i>ade8Δ^r msh2Δ::KanMX6^r</i>
MC214xMC215	SK1	<i>ho::LYS2^r lys2Δ^r ura3Δ^r arg4^r leu2^r mus81Δ::KanMX6^r</i>
MC230xMC231	SK1	<i>ho::LYS2^r lys2Δ^r ura3Δ^r arg4^r leu2^r mus81Δ::KanMX6^r msh2Δ::KanMX6^r</i>
MC254xMC255	SK1	<i>ho::LYS2^r lys2Δ^r ura3Δ^r arg4^r mlh3Δ::KanMX6^r</i>
MC271xMC272	SK1	<i>ho::LYS2^r lys2Δ^r ura3Δ^r arg4^r mlh3Δ::KanMX6^r mus81Δ::KanMX6^r</i>
MC17xMC18	SK1	<i>ho::LYS2^r lys2Δ^r arg4^r leu2^r rad24Δ::HphMX4^r</i>
MC19xMC20	S288c	<i>ade8Δ^r rad24Δ::HphMX4^r</i>
MC107xMC105	SK1	<i>ho::LYS2^r lys2Δ^r ura3Δ^r arg4^r leu2^r rad24Δ::HphMX4^r msh2Δ::KanMX6^r</i>
MC202xMC203	S288c	<i>ade8Δ^r rad24Δ::HphMX4^r msh2Δ::KanMX6^r</i>
MC223xMC222	SK1	<i>ho::LYS2^r lys2Δ^r ura3Δ^r arg4^r leu2^r mus81Δ::KanMX6^r rad24::hphMX^r</i>
MC247xMC248	SK1	<i>ho::LYS2^r lys2Δ^r ura3Δ^r arg4^r rad24Δ::HphMX4^r mlh3Δ::KanMX6^r</i>
MC257xMC258	SK1	<i>ho::LYS2^r lys2Δ^r ura3Δ^r arg4^r rad24Δ::HphMX4^r mus81Δ::KanMX6^r mlh3Δ::KanMX6^r</i>
MC101xMC103	SK1	<i>ho::LYS2^r lys2Δ^r ura3Δ^r arg4^r leu2^r rad24Δ::HphMX4^r sml1Δ::URA3^r</i>
MC59xMC61	BY474	<i>his4^r ura3Δ^r leu2Δ^r met15Δ^r sml1Δ::URA3^r rad24Δ::HphMX4^r</i>
VG120xVG121	SK1	<i>ho::LYS2^r lys2Δ^r ura3Δ^r arg4Δ^r leu2Δ::hisG^r his4XΔ::LEU2^r nuc1Δ::LEU2^r ade2-bgl^r PCLB2-MEC1::KanMX6^r</i>
MC152xMC153	S288c	<i>ade8Δ^r PCLB2-MEC1::KanMX6^r</i>
MC163xMC164	SK1	<i>ho::LYS2^r lys2Δ^r ura3Δ^r arg4Δ^r leu2Δ::hisG^r nuc1Δ::LEU2^r PCLB2-MEC1::KanMX6^r msh2Δ::KanMX6^r</i>
MC171xMC172	S288c	<i>ade8Δ^r PCLB2-MEC1::KanMX6^r msh2::HphMX4^r</i>
MC243xMC242	SK1	<i>ho::LYS2^r lys2Δ^r ura3Δ^r arg4^r leu2^r mus81Δ::KanMX6^r PCLB2-MEC1::KanMX6^r</i>
MC2xMC3	SK1	<i>ho::LYS2^r lys2Δ^r arg4Δ^r leu2Δ::hisG^r his4XΔ::LEU2^r nuc1Δ::LEU2^r trp1Δ::hisG^r ura3Δ::PGPD1-GAL4(848)-ER::URA3^r PCLB2-MEC1::KanMX6^r PGAL1-NDT80::TRP1^r</i>
MJ848	SK1	<i>ho::LYS2^r lys2Δ^r arg4Δ^r leu2Δ::hisG^r trp1Δ::hisG^r his4XΔ::LEU2^r nuc1Δ::LEU2^r ura3Δ::PGPD1-GAL4(848)-ER::URA3^r PGAL1-NDT80::TRP1^r rad24Δ::hphMX^r</i>
MC288xMC289	SK1	<i>ho::LYS2^r lys2Δ^r arg4^r leu2^r trp1Δ::hisG^r his4XΔ::LEU2^r nuc1Δ::LEU2^r ura3Δ::PGPD1-GAL4(848)-ER::URA3^r PGAL1-NDT80::TRP^r mus81Δ::KanMX6^r rad24Δ::HphMX4^r</i>
MC286xMC287	SK1	<i>ho::LYS2^r lys2Δ^r arg4^r leu2Δ^r trp1Δ::hisG^r his4XΔ::LEU2^r nuc1Δ::LEU2^r ura3Δ::PGPD1-GAL4(848)-ER::URA3^r PGAL1-NDT80::TRP^r mus81Δ::KanMX6^r</i>
MC292xMC297	SK1/S288c	<i>ho::LYS2^r ho lys2Δ/LYS2 ade8Δ/ADE8 ura3Δ/URA3 arg4Δ/ARG4 leu2Δ/LEU2 msh2Δ::KanMX6^r mus81::KanMX6^r rad24::HphMX4^r</i>
MC307xMC309	SK1	<i>ho::LYS2^r lys2Δ^r ura3Δ^r arg4Δ^r leu2Δ::hisG^r trp1^r::hisG^r his4XΔ::LEU2^r nuc1Δ::LEU2^r ura3Δ::PGPD1-GAL4(848)-ER::URA3^r PGAL1-NDT80::TRP1^r/rad24Δ::hphMX^r mlh3Δ::KanMX6^r</i>
MC303xMC304	SK1	<i>ho::LYS2^r lys2Δ^r ura3Δ^r arg4Δ^r leu2Δ::hisG^r his4XΔ::LEU2^r nuc1Δ::LEU2^r PCLB2-MEC1::KanMX6^r mlh3Δ::KanMX6^r</i>
MC333xMC304	SK1	<i>ho::LYS2^r lys2Δ^r ura3Δ^r arg4Δ^r leu2Δ::hisG^r his4XΔ::LEU2^r nuc1Δ::LEU2^r PCLB2-MEC1::KanMX6^r mlh3Δ::KanMX6^r mus81::hphMX^r</i>
MJ848	SK1	<i>ho::LYS2^r lys2Δ^r arg4^r leu2Δ::hisG^r trp1Δ::hisG^r his4XΔ::LEU2^r nuc1Δ::LEU2^r ura3Δ::PGPD1GAL4(848)-ER::URA3^r PGAL1-NDT80::TRP1^r rad24Δ::HphMX4^r</i>
MC4	SK1	<i>ho::LYS2^r lys2Δ^r arg4Δ^r leu2Δ::hisG^r his4XΔ::LEU2^r nuc1Δ::LEU2^r trp1Δ::hisG^r ura3Δ::pGPD1GAL4(848)-ER::URA3^r PCLB2-MEC1::Kan^r PGAL1-NDT80::TRP1^r</i>