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| --- | --- | --- |
| Genotype | Source | Strain No. |
| *S. cerevisiae MATa ade2-1 trp1-1 can1-100 leu2-3,112 his3-11,15 ura3 GAL psi+**All following strains are based on this background* | This study | **K699** |
| *S. cerevisiae* *SK1 MAT a/alpha* homozygous for: *ho::LYS2 promURA3::tetR::GFP-LEU2 REC8-HA3::URA3 ADE2* *his3::hisG trp1::hisG PDS1-myc18::TRP1(K.lactis)*heterozygous for:*tetOx224-URA3* | This study | **K10003** |
| *S. cerevisiae*  *SK1 MAT a/alpha*homozygous for:*ho::LYS2 ctf8::KAN promURA3::tetR::GFP-LEU2 REC8-HA3::URA3 PDS1-myc18::TRP1(K.lactis),**ADE2 his3::hisG trp1::hisG*heterozygous for:*tetOx224-URA3* | This study | **K10349** |
| *S. cerevisiae*  *SK1 MATa/alpha*homozygous for:*ho::LYS2 promURA3::tetR::GFP-LEU2 REC8-HA3::URA3**ADE2 his3::hisG trp1::hisG* *PDS1-myc18::TRP1(K.lactis)**ctf4::KanMX*heterozygous for:*tetOx224-URA3* | This study | **K11692** |
| *S. cerevisiae MATa Smc1(G22C,K639C)::NatMX4Smc3(E570C,S1043C)::ADE2 leu2::Gal-Scc1(R180E,R268D, A547C)-PK6::LEU2 SCC3 (K404E)-HA3::HIS 2.3 kb Trp1-ARS1-Cen4 plasmid* | This study | **K24697** |
| *S. cerevisiae MATa Smc1(G22C,K639C)::NatMX4Smc3(E570C,S1043C)::ADE2 leu2::Gal-Scc1(R180E,R268D, A547C)-PK6::LEU2 scc3 (K404E)-HA3::HIS scc2-45::natMX (L545P D575G) TRP1-ARS1-CEN4 2.3KB plasmid* | This study | **K24738** |
| *S. cerevisiae MAT a**Smc3 (E570C,S1043C)::ADE2* *Smc1(G22C,K639C)::natMX**leu2::Gal-Scc1(R180E,R268D A547C)-PK6::LEU2**chl1::KanMX**scc2-45:NAT**scc3K404E::His3MX 2.3kb Trp1-ARS1-Cen4 plasmid* | This study | **K28061** |
| *S. cerevisiae*  *MAT alpha**Scc1(A547C)-pk6::Kan* *Smc3 (E570C,S1043C)::ADE2* *Smc1(G22C,K639C)::NAT* *chl1::His3MX 2.3kb Trp1-ARS1-Cen4 plasmid* | This study | **K28082** |
| *S. cerevisiae*  *MAT alpha**Scc1(A547C)-pk6::Kan* *Smc3 (E570C,S1043C)::ADE2* *Smc1(G22c,K639C)::NAT* *ctf4::His3MX 2.3kb Trp1-ARS1-Cen4 plasmid* | This study | **K28084** |
| *S. cerevisiae*  *MAT alpha**Scc1(A547C)-pk6::Kan* *Smc3 (E570C,S1043C)::ADE2* *Smc1(G22c,K639C)::NAT* *tof1::His3MX 2.3kb Trp1-ARS1-Cen4 plasmid* | This study | **K28091** |
| *S. cerevisiae*  *MAT alpha**Scc1(A547C)-pk6::Kan* *Smc3 (E570C,S1043C)::ADE2* *Smc1(G22c,K639C)::NAT* *mrc1::His3MX 2.3kb Trp1-ARS1-Cen4 plasmid* | This study | **K28092** |
| *S. cerevisiae*  *MAT alpha**Scc1(A547C)-pk6::Kan* *Smc3 (E570C,S1043C)::ADE2* *Smc1(G22c,K639C)::NAT* *csm3::His3MX 2.3kb Trp1-ARS1-Cen4 plasmid* | This study | **K28108** |
| *S. cerevisiae*  *MAT alpha**Scc1(A547C)-pk6::Kan* *Smc3 (E570C,S1043C)::ADE2* *Smc1(G22c,K639C)::NAT* *ctf18::His3MX 2.3kb Trp1-ARS1-Cen4 plasmid* | This study | **K28115** |
| *S. cerevisiae MAT a**Smc1(G22C,K639C)::NatMX4**Smc3(E570C,S1043C)::ADE2**leu2::Gal-Scc1(R180E,R268D, A547C)-PK6::LEU2**chl1::KanMX**SCC3 (K404E)::HA3::HIS**TRP1-ARS1-CEN4 2.3KB plasmid* | This study | **K28175** |
| *S. cerevisiae MAT A**Smc1(G22C,K639C)::NatMX4**Smc3(E570C,S1043C)::ADE2**leu2::Gal-Scc1(R180E,R268D, A547C)-PK6::LEU2**SCC3 (K404E)::HA3::HIS**ctf4::KanMX**TRP1-ARS1-CEN4 2.3KB plasmid* | This study | **K28275** |
| *S. cerevisiae MAT A**Smc1(G22C,K639C)::NatMX4**Smc3(E570C,S1043C)::ADE2**leu2::Gal-Scc1(R180E,R268D, A547C)-PK6::LEU2**SCC3 (K404E)::HA3::HIS**mrc1::KanMX**TRP1-ARS1-CEN4 2.3KB plasmid* | This study | **K28278** |
| *S. cerevisiae MAT A**Smc1(G22C,K639C)::NatMX4**Smc3(E570C,S1043C)::ADE2**leu2::Gal-Scc1(R180E,R268D, A547C)-PK6::LEU2**SCC3 (K404E)::HA3::HIS**tof1::KanMX**TRP1-ARS1-CEN4 2.3KB plasmid* | This study | **K28280** |
| *S. cerevisiae MAT A**Smc1(G22C,K639C)::NatMX4**Smc3(E570C,S1043C)::ADE2**leu2::Gal-Scc1(R180E,R268D, A547C)-PK6::LEU2**SCC3 (K404E)::HA3::HIS**csm3::KanMX**TRP1-ARS1-CEN4 2.3KB plasmid* | This study | **K28282** |
| *S. cerevisiae MAT A**Smc1(G22C,K639C)::NatMX4**Smc3(E570C,S1043C)::ADE2**leu2::Gal-Scc1(R180E,R268D, A547C)-PK6::LEU2**SCC3 (K404E)::HA3::HIS**ctf18::KanMX**TRP1-ARS1-CEN4 2.3KB plasmid* | This study | **K28285** |
| *S. cerevisiae MAT a**Smc1(G22C,K639C)::NatMX4**Smc3(E570C,S1043C)::ADE2**leu2::Gal-Scc1(R180E,R268D, A547C)-PK6::LEU2**chl1::KanMX**ctf8-17::NATMX**SCC3 (K404E)::HA3::HIS**TRP1-ARS1-CEN4 2.3KB plasmid* | This study | **K28295** |