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| **Strain**  | **Genotype**  | **Source**  |
| W1588-4C  | *MATa ura3-1 trp1-1 leu2-3 112 his3-11 15 ade2-1 can1-100 ybp1-1 RAD5+*  | Paeschke *et al*., 2011  |
| KP013  | *MATa ura3-1 trp1-1 leu2-3 112 his3-11 15 ade2-1 can1-100 ybp1-1 RAD5+ bar1::HIS3*  | Paeschke *et al*., 2011  |
| KMY017  | *MATa ura3-1 trp1-1 leu2-3 112 his3-11 15 ade2-1 can1-100 ybp1-1 RAD5+ bar1::HIS3rev7:: kanMX4*  | This Study  |
| KMY042  | *MATa ura3-1 trp1-1 leu2-3 112 his3-11 15 ade2-1 can1-100 ybp1-1 RAD5+ bar1::HIS3rev1:: hphNT1*  | This Study  |
| KMY061  | *MATa ura3-1 trp1-1 leu2-3 112 his3-11 15 ade2-1 can1-100 ybp1-1 RAD5+ bar1::HIS3 rev3::KanMX4*  | This Study  |
| KMY018  | *MATa ura3-1 trp1-1 leu2-3 112 his3-11 15 ade2-1 can1-100ybp1-1 RAD5+ bar1::HIS3 mre11:: hphNT1*  | This Study  |
| KMY141  | *MATa ura3-1 trp1-1 leu2-3 112 his3-11 15 ade2-1 can1-100 ybp1-1 RAD5+ bar1::HIS3 rev7::rev7-C1 (203-245 aa)-9MYC-hphNT1*  | This Study  |
| KMY143  | *MATa ura3-1 trp1-1 leu2-3 112 his3-11 15 ade2-1 can1-100 ybp1-1 RAD5+ bar1::HIS3 rev7::rev7-42 (1-203 aa)-3MYC-KANMX4*  | This Study  |
| LSY1375  | *MATa ura3-1 trp1-1 leu2-3 112 his3-11 15 ade2-1 can1-100 ybp1-1 RAD5+ mre11-D56N, H125N*  | Krogh *et al*., 2005  |
| LSY1091  | *MATa ura3-1 trp1-1 leu2-3 112 his3-11 15 ade2-1 can1-100 ybp1-1 RAD5+ sae2:: kanMX6*  | Krogh *et al*., 2005  |
| KMY058  | *MATa ura3-1 trp1-1 leu2-3 112 his3-11 15 ade2-1 can1-100 ybp1-1 RAD5+ bar1::HIS3rev1:: hphNT1**rev3∷KanMX4*  | This Study  |
| KMY059  | *MATa ura3-1 trp1-1 leu2-3 112 his3-11 15 ade2-1 can1-100 ybp1-1 RAD5+ bar1::HIS3rev7:: kanMX4 rev3:: hphNT1*  | This Study  |
| KMY048  | *MATa ura3-1 trp1-1 leu2-3 112 his3-11 15 ade2-1 can1-100 ybp1-1 RAD5+ bar1::HIS3rev1:: hphNT1 rev7:: kanMX4*  | This Study  |
| KMY050  | *MATa ura3-1 trp1-1 leu2-3 112 his3-11 15 ade2-1 can1-100 ybp1-1 RAD5+ rev7:: kanMX4 mre11:: hphNT1*  | This Study  |
| KMY053 | *MATa ura3-1 trp1-1 leu2-3 112 his3-11 15 ade2-1 can1-100 ybp1-1 RAD5+ mre11-D56N, H125N rev7:: kanMX4* | This Study  |
| KMY060 | *MATa ura3-1 trp1-1 leu2-3 112 his3-11 15 ade2-1 can1-100 ybp1-1 RAD5+ sae2:: kanMX6* *rev7:: hphNT1* | This Study  |
| KP038  | *MATa ura3–52 lys2–801 ade2–101 trp1-Δ63 his1-Δ200 leu2-Δ1 pif1-m2*  | Paeschke *et al*., 2011  |
| YW714  | *MAT ade2::SD2-::URA3 his31 leu20 ura30*  | Karathanasis and Wilson, 2002  |
| KMY136  | *MAT ade2::SD2-::URA3 his31 leu20 ura30 rev7::hphNT1*  | This Study  |
| KMY137  | *MAT ade2::SD2-::URA3 his31 leu20 ura30 mre11::hphNT1*  | This Study  |
| KMY144  | *MAT ade2::SD2-::URA3 his31 leu20 ura30 rev1::hphNT1*  | This Study  |
| KMY145  | *MAT ade2::SD2-::URA3 his31 leu20 ura30 rev3::hphNT1*  | This Study  |
| KMY146  | *MAT ade2::SD2-::URA3 his31 leu20 ura30  rev7::REV7-C1 (203-245 aa)-9MYC-hphNT1*  | This Study  |
| KMY147  | *MAT ade2::SD2-::URA3 his31 leu20. ura30  rev7::REV7-42 (1-203 aa)-3MYC-KANMX4*  | This Study  |
| PJ69-4A  | *MATa trpl-901 leu2-3,112 ura3-52 his3-200 ga14∆ ga180∆ LYS2::GALl-HIS3 GAL2-ADE2 met2::GAL7-lacZ*  | James *et al*., 1996   |
| KMY023  | *MATa trpl-901 leu2-3,112 ura3-52 his3-200 ga14∆ ga180∆ LYS2::GALl-HIS3 GAL2-ADE2 met2::GAL7-lacZrev3:: hphNT1*  | This Study  |
| KMY139  | *MATa trpl-901 leu2-3,112 ura3-52 his3-200 ga14∆ ga180∆ LYS2::GALl-HIS3 GAL2-ADE2 met2::GAL7-lacZ mre11∆::KANMX4 rad50∆::URA3 xrs2∆::HphNT1*  | This Study  |
| BJ5464  | MATα ura3-52 trp1 leu2-Δ1 his3-Δ200 pep4::HIS3 prb1-Δ1.6R can1 GAL  | Johnson *et al*., 2006  |
| LSY2172-24C | MATa rad51::LEU2 ade3::GAL1-HO | Mimitou and Symington, 2010 |
| LSY2265-10D | MATa rad51::LEU2 mre11-H125N::URA3::mre11-H125N ade3::GAL1-HO | Mimitou and Symington, 2010 |
| KMY170 |  MATa rad51::LEU2 ade3::GAL1-HO rev7** *kanMX4*  | This study |
| KMY171 | MATa rad51::LEU2 mre11-H125N::URA3::mre11-H125N ade3::GAL1-HO rev7** *kanMX4*  | This study |