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| Strain List |  |  |  |  |
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| name | genotype | plasmid | figures | ref |
| BY4741 (TP1158) | *MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0* |  | 1D, 2A, 2B | (*1*) |
| TP6986 | *MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0* | pRS425 (*2*) | 1A, 2E | this study |
| 4542 (TP2012) | *MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 sae2::KMX* |  | 1D, 2A, 2B | (*3*) |
| TP3540 | *MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 sae2::KMX* | pRS425 (*2*) | 1A, 2E | this study |
| TP7053 | *MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 sae2::KMX* | *PCF11* in pRS425 (Steve Hanes) | 1A | this study |
| TP7190 | *MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 sae2::KMX* | pTP3249 (*SSU72* in pRS425) | 1A | this study |
| TP7191 | *MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 sae2::KMX* | pTP3498 (*RTT103* in pRS425) | 1A | this study |
| TP7201 | *MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 sae2::KMX* | pTP3500 (*SEN1* in pRS425) | 1A, 2E | this study |
| TP7204 | *MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 sae2::KMX* | pTP3564 (*sen1-G1747D* in pRS425) | 1A | this study |
| TP7203 | *MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 sae2::KMX* | pTP3563 (*sen1-R302W* in pRS425) | 1A | this study |
| W1588-4C (TP1733) | *MATa RAD5 leu2-3,112 trp1-1 ura3-1 can1-100 his3-11,15 ade2-1* |  |  | Hannah Klein |
| TP7851 | *MATa RAD5 leu2-3,112 trp1-1 ura3-1 can1-100 his3-11,15 ade2-1* | pRS425 (*2*) | 1B | this study |
| TP7692 | *MATa RAD5 leu2-3,112 trp1-1 ura3-1 can1-100 his3-11,15 ade2-1 sae2::URA3* |  |  | this study |
| TP7852 | *MATa RAD5 leu2-3,112 trp1-1 ura3-1 can1-100 his3-11,15 ade2-1 sae2::URA3* | pRS425 (*2*) | 1B | this study |
| TP7819 | *MATa RAD5 leu2-3,112 trp1-1 ura3-1 can1-100 his3-11,15 ade2-1 sae2::URA3* | pTP3500 (*SEN1* in pRS425) | 1B | this study |
| LSY1397 (TP1754) | *MATa RAD5 leu2-3,112 trp1-1 ura3-1 can1-100 his3-11,15 ade2-1 mre11-H125N* |  |  | Lorraine Symington |
| TP7757 | *MATa RAD5 leu2-3,112 trp1-1 ura3-1 can1-100 his3-11,15 ade2-1 mre11-H125N* | pRS425 (*2*) | 1B | this study |
| TP7758 | *MATa RAD5 leu2-3,112 trp1-1 ura3-1 can1-100 his3-11,15 ade2-1 mre11-H125N* | pTP3500 (*SEN1* in pRS425) | 1B | this study |
| TP7751 | *MATa RAD5 leu2-3,112 trp1-1 ura3-1 can1-100 his3-11,15 ade2-1 mre11-H125N sae2::URA3* |  |  |  |
| TP7820 | *MATa RAD5 leu2-3,112 trp1-1 ura3-1 can1-100 his3-11,15 ade2-1 mre11-H125N sae2::URA3* | pRS425 (*2*) | 1B | this study |
| TP7794 | *MATa RAD5 leu2-3,112 trp1-1 ura3-1 can1-100 his3-11,15 ade2-1 mre11-H125N sae2::URA3* | pTP3500 (*SEN1* in pRS425) | 1B | this study |
| 1971 (TP7480) | *MATalpha leu2-3,112 ura3-52 pep4-3* |  | 1C | (*4*) |
| TP8347 | *MATalpha leu2-3,112 ura3-52 pep4-3 sae2::URA3* |  | 1C | this study |
| FWY1 (TP7481) | *MATalpha leu2-3,112 ura3-52 pep4-3 sen1-1* |  | 1C | (*4*) |
| TP8348 | *MATalpha leu2-3,112 ura3-52 pep4-3 sen1-1 sae2::URA3* |  | 1C | this study |
| YAEH255 (TP7483) | BY4741 *rnh1::KMX rnh201::NatMx6* |  | 1D | *6*)(*5*) |
| TP7524 | BY4741 *rnh1::KMX rnh201::NatMx6 sae2::URA3* |  | 1D | this study |
| TP3352 | *MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 sae2::KMX* | wild-type Flag-*SAE2* in pRS425 (*6*) | 2C, 2D | this study |
| yJC 2695 (TP7118) | *BY4733 Rpb2-HTB* |  |  | Jeff Corden (*7*) |
| TP7130 | *BY4733 Rpb2-HTB* | pRS425 (*2*) | 2E,3A,B | this study |
| TP7297 | *BY4733 Rpb2-HTB sae2::URA3* |  |  | this study |
| TP7327 | *BY4733 Rpb2-HTB sae2::URA3* | pRS425 (*2*) | 2E,3A,B | this study |
| TP7330 | *BY4733 Rpb2-HTB sae2::URA3* | pTP3500 (*SEN1* in pRS425) | 2E,3A,B | this study |
| YJC 2671 | BY4733 *Sen1-HTB* |  | 3C | Jeff Corden (8) |
| TP7296 | BY4733 *Sen1-HTB sae2::URA3* |  | 3C | this study |
| TP7190 | *MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 sae2::KMX* | pTP3249 (*SSU72* in pRS425) | 1 - S1 | this study |
| TP7191 | *MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 sae2::KMX* | pTP3498 (*RTT103* in pRS425) | 1 - S1 | this study |

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| TP7200 | *MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 sae2::KMX* | pTP3509 (*YSH1* in pRS425) | 1 - S1 | this study |
| TP7205 | *MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 sae2::KMX* | pRS425-NRD1(Steve Hanes) | 1 - S1 | this study |
| *YMV80 (*TP6028) | *hml*Δ::*ADE1 mat*aΔ::hisG *hmr*Δ::*ADE1 leu2-cs ade3*::*GAL*::*HO ade1 lys5 ura3-52* | pRS425 (*2*) | 1-S2 | S.E. Lee, J. Haber (9) |
| TP7703 | *YMV80 sae2::URA3* | pRS425 (*2*) | 1-S2 | this study |
| TP6030 | *YMV80 sae2::URA3* | wild-type Flag-*SAE2* in pRS425 (*6*) | 1-S2 | this study |
| TP7841 | *YMV80 sae2::URA3* | pTP3500 (*SEN1* in pRS425) | 1-S2 | this study |

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