Table S1- *Candida albicans* strains used in this study.

|  |  |  |
| --- | --- | --- |
| **Strain** | **Genotype** | **Reference** |
| SC5314 | *C. albicans* wild-type | Gillum *et al.* 1984 |
| SN148a | *MATa/a arg4/arg4 leu2/leu2 his1/his1 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | Renjie Tang |
| 3315α | *MATalpha/alpha trp1/trp1; lys2/lys2*  | P. T. Magee |
| 3745a | *MATa/a trp1/trp1; lys2/lys2*  | Panwar *et al.* 2003 |
| *cag1Δ/Δ* | *cag1::ARG4/cag1::ARG4 leu2/leu2 his1/his1 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *ste2Δ/Δ* | *ste2::ARG4/ste2::ARG4 leu2/leu2 his1/his1 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *ste4Δ/Δ* | *ste4::ARG4/ste4::ARG4 leu2/leu2 his1/his1 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *ste11Δ/Δ* | *ste11::ARG4/ste11::ARG4 leu2/leu2 his1/his1 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *hst7Δ/Δ* | *hst7::ARG4/hst7::ARG4 leu2/leu2 his1/his1 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *CST5-CAAX/CST5-CAAX* | *CST5-CAAX::HIS1/CST5-CAAX::HIS1 arg4/arg4 leu2/leu2 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *CST5-CAAX/CST5-CAAX cag1Δ/Δ* | *cag1::ARG4/cag1::ARG4 CST5-CAAX::HIS1/CST5-CAAX::HIS1 leu2/leu2 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *CST5-CAAX/CST5-CAAX ste2Δ/Δ* | *ste2::ARG4/ste2::ARG4 CST5-CAAX::HIS1/CST5-CAAX::HIS1 leu2/leu2 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *CST5-CAAX/CST5-CAAX ste4Δ/Δ* | *ste4::ARG4/ste4::ARG4 CST5-CAAX::HIS1/CST5-CAAX::HIS1 leu2/leu2 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *CST5-CAAX/CST5-CAAX ste11Δ/Δ* | *ste11::ARG4/ste11::ARG4 CST5-CAAX::HIS1/CST5-CAAX::HIS1 leu2/leu2 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *CST5-CAAX/CST5-CAAX hst7Δ/Δ* | *hst7::ARG4/hst7::ARG4 CST5-CAAX::HIS1/CST5-CAAX::HIS1 leu2/leu2 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *CST5-GFP/CST5-GFP* | *CST5-GFP::HIS1/CST5-GFP::HIS1 arg4/arg4 leu2/leu2 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *CST5-GFP/CST5-GFP cag1Δ/Δ* | *cag1::ARG4/cag1::ARG4 CST5-GFP::HIS1/CST5-GFP::HIS1 leu2/leu2 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *CST5-GFP/CST5-GFP ste2Δ/Δ* | *ste2::ARG4/ste2::ARG4 CST5-GFP::HIS1/CST5-GFP::HIS1 leu2/leu2 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *CST5-GFP/CST5-GFP ste4Δ/Δ* | *ste4::ARG4/ste4::ARG4 CST5-GFP::HIS1/CST5-GFP::HIS1 leu2/leu2 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *CST5-GFP/CST5-GFP ste11Δ/Δ* | *ste11::ARG4/ste11::ARG4 CST5-GFP::HIS1/CST5-GFP::HIS1 leu2/leu2 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *CST5-GFP/CST5-GFP hst7Δ/Δ* | *hst7::ARG4/hst7::ARG4 CST5-GFP::HIS1/CST5-GFP::HIS1 leu2/leu2 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *CST5-GFP/CST5-GFP ste11Δ/Δ cag1Δ/Δ* | *ste11::ARG4/ste11::ARG4 CST5-GFP::HIS1/CST5-GFP::HIS1 cag1::LEU2/cag1::LEU2 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *CST5-GFP/CST5-GFP ste11Δ/Δ ste4Δ/Δ* | *ste11::ARG4/ste11::ARG4 CST5-GFP::HIS1/CST5-GFP::HIS1 ste4::LEU2/ste4::LEU2 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *CST5-GFP/CST5-GFP ste11Δ/Δ hst7Δ/Δ* | *ste11::ARG4/ste11::ARG4 CST5-GFP::HIS1/CST5-GFP::HIS1 hst7::LEU2/hst7::LEU2 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *STE11-CAAX/STE11-CAAX* | *STE11-CAAX::HIS1/STE11-CAAX::HIS1 arg4/arg4 leu2/leu2 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *STE11-CAAX/STE11-CAAX cst5Δ/Δ* | *cst5::ARG4/cst5::ARG4 STE11-CAAX::HIS1/STE11-CAAX::HIS1 leu2/leu2 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *CEK1-GFP/CEK1-GFP* | *CEK1-GFP::HIS1/CEK1-GFP::HIS1 arg4/arg4 leu2/leu2 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *CEK1-GFP/CEK1-GFP ste11Δ/Δ* | *ste11::ARG4/ste11::ARG4 CEK1-GFP::HIS1/CEK1-GFP::HIS1 leu2/leu2 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *CEK1-GFP/CEK1-GFP hst7Δ/Δ* | *hst7::ARG4/hst7::ARG4 CEK2-GFP::HIS1/CEK2-GFP::HIS1 leu2/leu2 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |
| *CEK2-GFP/CEK2-GFP* | *CEK2-GFP-URA3::imm434/CEK2-GFP-URA3::imm434* | Rastghalam *et al.* 2019 |
| *cek2Δ/Δ* | *ura3/ura3 cek2::TAA (32nd and 37th amino acids)/cek2::TAA (32nd and 37th amino acids)* | Rastghalam *et al.* 2019 |
| *CEK2-GFP/CEK2-GFP ste11Δ/Δ* | *ste11::ARG4/ste11::ARG4 CEK2-GFP::HIS1/CEK2-GFP::HIS1 leu2/leu2 ura3::imm434/ura3::imm434 iro1::imm434/iro1::imm434* | This study |

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