Supplemental Table 1. List of *Candida albicans* strains.

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| Strain | Genotype | Reference |
| CW542 | *arg4Δhis1Δ leu2Δ::C.m. LEU2::C.d. ARG4 ura3Δ iro1Δ::λimm434*  *arg4Δ his1Δ leu2Δ::C.d. HIS1 URA3::hisG IRO1* | This study |
| CW696 | *ura3Δ iro1Δ::pHIS1 IRO1::λimm434 ARG4:URA3:arg4::hisG his1::hisG*  *ura3Δ iro1Δ::λimm434 arg4::hisG his1::hisG* | [1] |
| CW1697 | *arg4Δhis1Δ leu2Δ ura3Δ iro1Δ::λimm434 orf19.851::C.d. ARG4 pga28::C.d. HIS1 orf19.3499::C.m. LEU2*  *arg4Δhis1Δ leu2ΔURA3::hisG IRO1 orf19.851:: C.d. ARG4 pga28::C.d. HIS1 orf19.3499::C.m. LEU2* | This study |
| CW1757 | *arg4Δ his1Δ leu2Δ::C.m. LEU2::C.d. ARG4 ura3Δ iro1Δ::λimm434*  *arg4Δ his1Δ leu2Δ::C.d. HIS1 URA3::hisG IRO1* | This study |
| CW1779 | *arg4Δ his1Δ leu2Δ::C.d. HIS1 ura3Δ iro1Δ::λimm434 efg1Δ::NAT natΔ::EFG1 ARG4*  *arg4Δ his1Δ leu2Δ::C.m. LEU2 URA3::hisG IRO1 efg1Δ::NAT natΔ::EFG1 ARG4* | This study |
| CW1785 | *arg4Δhis1Δ leu2 ura3Δ iro1Δ::λimm434 cup9::C.d. HIS1 efg1Δ::NAT natΔ::EFG1 ARG4*  *arg4Δhis1Δ leu2Δ URA3::hisG IRO1 cup9::C.m. LEU2 efg1Δ::NAT natΔ::EFG1 ARG4* | This study |
| CW1792 | *arg4Δhis1Δ leu2Δ::C.d. HIS1ura3Δ iro1Δ::λimm434 efg1Δ::NAT ARG4*  *arg4Δhis1Δ leu2Δ::C.m. LEU2URA3::hisG IRO1 efg1Δ::NAT ARG4* | This study |
| CW1796 | *arg4Δhis1Δ leu2Δ ura3Δ iro1Δ::λimm434 cup9::C.d. HIS1 efg1Δ::NAT ARG4*  *arg4Δhis1Δ leu2ΔURA3::hisG IRO1cup9::C.m. LEU2 efg1Δ::NAT ARG4* | This study |
| JJH113 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 cbk1::Tn7-UAU1*  *ura3::λimm434 arg4::hisG his1::hisG cbk1::Tn7-URA3* | [2] |
| JJH256 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 bck1::Tn7-UAU1*  *ura3::λimm434 arg4::hisG his1::hisG bck1::Tn7-URA3* | [2] |
| JJH262 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 cla4::Tn7-UAU1*  *ura3::λimm434 arg4::hisG his1::hisG cla4::Tn7-URA3* | [2] |
| JJH266 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 ckb1::Tn7-UAU1*  *ura3::λimm434 arg4::hisG his1::hisG ckb1::Tn7-URA3* | [2] |
| JJH314 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 yck3::Tn7-UAU1*  *ura3::λimm434 arg4::hisG his1::hisG yck3::Tn7-URA3* | [2] |
| JJH351 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 ckb2::Tn7-UAU1*  *ura3::λimm434 arg4::hisG his1::hisG ckb2::Tn7-URA3* | [2] |
| JJH358 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 yck2::Tn7-UAU1*  *ura3::λimm434 arg4::hisG his1::hisG yck2::Tn7-URA3* | [2] |
| JJH377 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 hsl1::Tn7-UAU1*  *ura3::λimm434 arg4::hisG his1::hisG hsl1::Tn7-URA3* | [2] |
| JJH381 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 kin3::Tn7-UAU1*  *ura3::λimm434 arg4::hisG his1::his kin3::Tn7-URA3* | [2] |
| JJH384 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 tpk1::Tn7-UAU1*  *ura3::λimm434 arg4::hisG his1::hisG tpk1::Tn7-URA3* | [2] |
| JJH392 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 hst7::Tn7-UAU1*  *ura3::λimm434 arg4::hisG his1::hisG hst7::Tn7-URA3* | [2] |
| JJH433 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 mss2::Tn7-UAU1*  *ura3::λimm434 arg4::hisG his1::hisG mss2::Tn7-URA3* | [2] |
| JJH437 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 swe1::Tn7-UAU1*  *ura3::λimm434 arg4::hisG his1::hisG swe1::Tn7-URA3* | [2] |
| JJH441 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 vps34::Tn7-UAU1*  *ura3::λimm434 arg4::hisG his1::hisG vps34::Tn7-URA3* | [2] |
| JJH443 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 rio2::Tn7-UAU1*  *ura3::λimm434 arg4::hisG his1::hisG rio2::Tn7-URA3* | [2] |
| JJH445 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 mkk2::Tn7-UAU1*  *ura3::λimm434 arg4::hisG his1::hisG mkk2::Tn7-URA3* | [2] |
| JJH447 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 mkc1::Tn7-UAU1*  *ura3::λimm434 arg4::hisG his1::hisG mkc1::Tn7-URA3* | [2] |
| JJH454 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 pkc1::Tn7-UAU1*  *ura3::λimm434 arg4::hisG his1::hisG pkc1::Tn7-URA3* | [2] |
| JJH471 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 kis1::Tn7-UAU1*  *ura3::λimm434 arg4::hisG his1::hisG kis1::Tn7-URA3* | [2] |
| JJH472 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 sip3::Tn7-UAU1*  *ura3::λimm434 arg4::hisG his1::hisG sip3::Tn7-URA3* | [2] |
| JJH473 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 prk1::Tn7-UAU1*  *ura3::λimm434 arg4::hisG his1::hisG prk1::Tn7-URA3* | [2] |
| JMR104 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 sko1::ARG4*  *ura3::λimm434 arg4::hisG his1::hisG sko1::URA3* | [3] |
| JMR188 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 psk1::ARG4*  *ura3::λimm434 arg4::hisG his1::hisG psk1::URA3* | [3] |
| SC5314 | Wild type | [4] |
| SF008P | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 ire1::Tn7-UAU1*  *ura3::λimm434 arg4::hisG his1::hisG ire1::Tn7-URA3* | [2] |
| SN152 | *arg4Δ his1Δ leu2Δ::C.d. ura3Δ iro1Δ::λimm434*  *arg4Δ his1Δ leu2Δ::C.m. URA3::hisG IRO1* | [5] |
| SN250 | *arg4Δ his1Δ leu2Δ::C.d. HIS1  ura3Δ iro1Δ::λimm434*  *arg4Δ his1Δ leu2Δ::C.m. LEU2URA3::hisG IRO1* | [5] |
| VIC1147 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 cas5::ARG4*  *ura3::λimm434 arg4::hisG his1::hisG cas5::URA3* | [6] |
| VIC1194 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 ada2::ARG4*  *ura3::λimm434 arg4::hisG his1::hisG ada2::URA3* | [6] |
| VIC1206 | *ura3::λimm434 arg4::hisG his1::hisG::pHIS1 rlm1::ARG4*  *ura3::λimm434 arg4::hisG his1::hisG rlm1::URA3* | [6] |
| YI192 | *arg4Δ his1Δ leu2Δ::C.d. ARG4 ura3Δ iro1Δ::λimm434cup9::C.d. HIS1*  *arg4Δ his1Δ leu2Δ URA3::hisG IRO1 cup9::C.m. LEU2* | This study |
| YI243 | *arg4Δ his1Δ leu2Δ ura3Δ iro1Δ::λimm434 cup9::pCUP9-C.d. ARG4-C.m. LEU2*  *arg4Δ his1Δ leu2Δ URA3::hisG IRO1  cup9::C.d. HIS1 * | This study |
| YI459 | *arg4Δ his1Δ leu2Δ::C.d. HIS1ura3Δ iro1Δ::λimm434 orf19.851:: C.d. ARG4*  *arg4Δ his1Δ leu2Δ::C.m. LEU2 URA3::hisG IRO1 orf19.851:: C.d. ARG4* | This study |
| YI463 | *arg4Δ his1Δ leu2Δ::C.d. HIS1ura3Δ iro1Δ::λimm434 orf19.3499:: C.d. ARG4*  *arg4Δ his1Δ leu2Δ::C.m. LEU2 URA3::hisG IRO1 orf19.3499:: C.d. ARG4* | This study |
| YI464 | *arg4Δ his1Δ leu2Δ::C.d. HIS1ura3Δ iro1Δ::λimm434 pga28:: C.d. ARG4*  *arg4Δ his1Δ leu2Δ::C.m. LEU2 URA3::hisG IRO1 pga28:: C.d. ARG4* | This study |

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