Table S1. 1.*Candida albicans* strains and primers used in this study

|  |  |  |  |
| --- | --- | --- | --- |
| Strain | Parental strain | Genotype or description | Reference |
| SC5314SN148Cass1Med4 GraceMed7 GraceMed8 GraceMed10 GraceMed11 GraceMed14 GraceMed17 GraceMed21 GraceMed22 GraceCycC GraceMed7KOMed7 RevMed7-tap | SN76CAI4Cass1Cass1Cass1Cass1Cass1Cass1Cass1Cass1Cass1Cass1SN148SN148SN148 | *Clinical isolate**arg4Δ/arg4Δ leu2Δ/leu2Δ his1Δ/his1Δ**ura3Δ::imm434/ura3Δ::imm434**iro1Δ::imm434/iro1Δ::imm434**his3::hisG/his3::hisG leu2::tetRGAL4AD-URA3/LEU2**med4::his3::hisG/his3::hisG leu2::tetRGAL4AD-URA3/LEU2**med7::his3::hisG/his3::hisG leu2::tetRGAL4AD-URA3/LEU2**med8::his3::hisG/his3::hisG leu2::tetRGAL4AD-URA3/LEU2**med10::his3::hisG/his3::hisG leu2::tetRGAL4AD-URA3/LEU2**med11::his3::hisG/his3::hisG leu2::tetRGAL4AD-URA3/LEU2**med14::his3::hisG/his3::hisG leu2::tetRGAL4AD-URA3/LEU2**med17::his3::hisG/his3::hisG leu2::tetRGAL4AD-URA3/LEU2**med21::his3::hisG/his3::hisG leu2::tetRGAL4AD-URA3/LEU2**med22:his3::hisG/his3::hisG leu2::tetRGAL4AD-URA3/LEU2**cycc::his3::hisG/his3::hisG leu2::tetRGAL4AD-URA3/LEU2* *Med7::leu2/med7::his1 ura3/ura3**arg4/arg4**med7 ΔΔ /*MED7 *ura3/ura3**arg4/arg4**MED7/MED7-TAP-URA3*  | [1][2][3][4][4][4][4][4][4][4][4][4][4]This studyThis studyThis study |

|  |  |
| --- | --- |
| Names  | Sequence |
| MEd7KOF1 | atgtcaacgaataacaccactacaaacaatgaagatctaatatcctcattatatccaccaccaccgccatactataaattgaagcttcgtacgctgcaggtc |
| MEd7KOR1 | ttgacagtaataatctattaatgatatcttgtttcaattgttccttttcatcaattgaatcaccatcaccaagtcctgtttctgatatcatcgatgaattcgag |
| MEd7ExF1 | ttcctccttcttttcctccaa |
| MEd7ExR1 | ttgctggaggacaaacttca |
| Med7InF1 | cacgtggcaagaaaacaatc |
| Med7InR1 | ccatcacttaccactgttattcg |
| Med7RevF1 | ggtggtggtggtacctgtgtacgcgtaggttgagtg |
| Med7RevR1 | ggtggtgtcgacgctccacgacttatggcatt |
| Med7TAPF1 | aggacttggtgatggtgattcaattgatgaaaaggaacaattgaaacaagatatcattaatagattattactgtcaataGGTCGACGGATCCCCGGGTT |
| Med7TAPR1 | actactactactcctcaacaatcaactcaaagctccacgacttatggcattgaaaacttatctgtatcaggaaatgcatctaaTCGATGAATTCGAGCTCGTT |
| Med7ExTAPF1 | aataccgccaaaacaacctg |
| Med7ExTAPR1 | cgccttcttcgtcttctcaa |
| Tap-Ura3-F | tataggtcttagtgttgactgt  |
| Tap-Ura3-R  | ttgaaggattaaaacagggagc  |
|  |  |

1. Gillum A, Tsay E, Kirsch D (1984) Isolation of the Candida albicans gene for orotidine-5′-phosphate decarboxylase by complementation of S. cerevisiae ura3 and E. coli pyrF mutations - Springer. Molecular and General Genetics MGG.

2. Noble SM, Johnson AD (2005) Strains and Strategies for Large-Scale Gene Deletion Studies of the Diploid Human Fungal Pathogen Candida albicans. Eukaryotic Cell 4: 298–309. doi:10.1128/EC.4.2.298-309.2005.

3. Fonzi WA, Irwin MY (1993) Isogenic strain construction and gene mapping in Candida albicans. Genetics 134: 717–728.

4. Roemer T, Jiang B, Davison J, Ketela T, Veillette K, et al. (2003) Large-scale essential gene identification in Candida albicans and applications to antifungal drug discovery. Mol Microbiol 50: 167–181.