

Supplementary Table S1

| Strain no. | Strain | Species | Genotype/Parent |
|------------|--|-------------------|---|
| ASM1 | SC5314 | <i>C.albicans</i> | Wild type clinical isolate |
| ASM5 | P76067 | <i>C.albicans</i> | Wild type clinical isolate |
| ASM3 | P57055 | <i>C.albicans</i> | Wild type clinical isolate |
| ASM7 | GC75 | <i>C.albicans</i> | Wild type clinical isolate |
| ASM9 | 19F | <i>C.albicans</i> | Wild type clinical isolate |
| ASM11 | SC5314 His- | <i>C.albicans</i> | <i>his1Δ::rNAT1r/his1Δ::rNAT1r</i> |
| ASM15 | P76067 His- | <i>C.albicans</i> | <i>his1Δ::rNAT1r/his1Δ::rNAT1r</i> |
| ASM13 | P57055 His- | <i>C.albicans</i> | <i>his1Δ::rNAT1r/his1Δ::rNAT1r</i> |
| ASM17 | GC75 His- | <i>C.albicans</i> | <i>his1Δ::rNAT1r/his1Δ::rNAT1r</i> |
| ASM19 | 19F His- | <i>C.albicans</i> | <i>his1Δ::rNAT1r/his1Δ::rNAT1r</i> |
| ASM35 | SC5314 <i>hgc1Δ/Δ</i> | <i>C.albicans</i> | <i>hgc1Δ::r1HIS1r1/hgc1Δ::r1HIS1r1 his1Δ::r3/his1Δ::r3</i> |
| ASM27 | P76067 <i>hgc1Δ/Δ</i> | <i>C.albicans</i> | <i>hgc1Δ::r1HIS1r1/hgc1Δ::r1HIS1r1 his1Δ::r3/his1Δ::r3</i> |
| ASM33 | P57055 <i>hgc1Δ/Δ</i> | <i>C.albicans</i> | <i>hgc1Δ::r1HIS1r1/hgc1Δ::r1HIS1r1 his1Δ::r3/his1Δ::r3</i> |
| ASM120 | GC75 <i>hgc1Δ/Δ</i> | <i>C.albicans</i> | <i>hgc1Δ::r1HIS1r1/hgc1Δ::r1HIS1r1 his1Δ::r3/his1Δ::r3</i> |
| ASM118 | 19F <i>hgc1Δ/Δ</i> | <i>C.albicans</i> | <i>hgc1Δ::r1HIS1r1/hgc1Δ::r1HIS1r1 his1Δ::r3/his1Δ::r3</i> |
| ASM334 | SC5314RC | <i>C.albicans</i> | <i>hgc1Δ::HGCI-SC5314 NAT1/hgc1Δ::HGCI-SC5314-NAT1 his1Δ::r3/his1Δ::r3</i> |
| ASM389 | P76067RC | <i>C.albicans</i> | <i>hgc1Δ::HGCI-SC5314-NAT1/hgc1Δ::HGCI-SC5314-NAT1 his1Δ::r3/his1Δ::r3</i> |
| ASM315 | P57055RC | <i>C.albicans</i> | <i>hgc1Δ::HGCI-SC5314-NAT1/hgc1Δ::HGCI-SC5314-NAT1 his1Δ::r3/his1Δ::r3</i> |
| ASM397 | GC75RC | <i>C.albicans</i> | <i>hgc1Δ::HGCI-SC5314-NAT1/hgc1Δ::HGCI-SC5314-NAT1 his1Δ::r3/his1Δ::r3</i> |
| ASM393 | 19FRC | <i>C.albicans</i> | <i>hgc1Δ::HGCI-SC5314-NAT1/hgc1Δ::HGCI-SC5314-NAT1 his1Δ::r3/his1Δ::r3</i> |
| ASM524 | SC5314 <i>P_{RBT5}-CCNI/CCNI</i> | <i>C.albicans</i> | <i>CCNI::P_{RBT5}-CCNI/CCNI</i> |
| ASM527 | SC5314 <i>hgc1Δ/Δ P_{RBT5}-CCNI/CCNI</i> | <i>C.albicans</i> | <i>hgc1Δ::r1HIS1r1/hgc1Δ::r1HIS1r1 CCNI::P_{RBT5}-CCNI/CCNI his1Δ::r3/his1Δ::r3</i> |
| ASM530 | SC5314 <i>P_{RBT5}-CLN3/CLN3</i> | <i>C.albicans</i> | <i>CLN3::P_{RBT5}-CLN3/CLN3</i> |
| ASM533 | SC5314 <i>hgc1Δ/Δ P_{RBT5}-CLN3/CLN3</i> | <i>C.albicans</i> | <i>hgc1Δ::r1HIS1r1/hgc1Δ::r1HIS1r1 CLN3::P_{RBT5}-CLN3/CLN3 his1Δ::r3/his1Δ::r3</i> |
| ASM545 | SC5314 <i>P_{RBT5}-CLG1/CLG1</i> | <i>C.albicans</i> | <i>CLG1::P_{RBT5}-CLG1/CLG1</i> |

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| ASM548 | SC5314 <i>hgc1Δ/Δ</i> <i>P_{RBT5}-CLG1/CLG1</i> | <i>C.albicans</i> | <i>hgc1Δ::r1HIS1r1/hgc1Δ::r1HIS1r1 CLG1::P_{RBT5}-CLG1/CLG1 his1Δ::r3/his1Δ::r3</i> |
| ASM595 | SC5314 <i>P_{RBT5}-CLB2/CLB2</i> | <i>C.albicans</i> | <i>CLB2::P_{RBT5}-CLB2/CLB2</i> |
| ASM597 | SC5314 <i>hgc1Δ/Δ</i> <i>P_{RBT5}-CLB2/CLB2</i> | <i>C.albicans</i> | <i>hgc1Δ::r1HIS1r1/hgc1Δ::r1HIS1r1 CLB2::P_{RBT5}-CLB2/CLB2 his1Δ::r3/his1Δ::r3</i> |
| ASM553 | SC5314 <i>P_{RBT5}-CLB4/CLB4</i> | <i>C.albicans</i> | <i>CLB4::P_{RBT5}-CLB4/CLB4</i> |
| ASM555 | SC5314 <i>hgc1Δ/Δ</i> <i>P_{RBT5}-CLB4/CLB4</i> | <i>C.albicans</i> | <i>hgc1Δ::r1HIS1r1/hgc1Δ::r1HIS1r1 CLB4::P_{RBT5}-CLB4/CLB4 his1Δ::r3/his1Δ::r3</i> |
| ASM570 | SC5314 <i>P_{RBT5}-PCL1/PCL1</i> | <i>C.albicans</i> | <i>PCL1::P_{RBT5}-PCL1/PCL1</i> |
| ASM574 | SC5314 <i>hgc1Δ/Δ</i> <i>P_{RBT5}-PCL1/PCL1</i> | <i>C.albicans</i> | <i>hgc1Δ::r1HIS1r1/hgc1Δ::r1HIS1r1 PCL1::P_{RBT5}-PCL1/PCL1 his1Δ::r3/his1Δ::r3</i> |
| ASM577 | SC5314 <i>P_{RBT5}-PCL2/PCL2</i> | <i>C.albicans</i> | <i>PCL2::P_{RBT5}-PCL2/PCL2</i> |
| ASM581 | SC5314 <i>hgc1Δ/Δ</i> <i>P_{RBT5}-PCL2/PCL2</i> | <i>C.albicans</i> | <i>hgc1Δ::r1HIS1r1/hgc1Δ::r1HIS1r1 PCL2::P_{RBT5}-PCL2/PCL2 his1Δ::r3/his1Δ::r3</i> |
| ASM560 | SC5314 <i>P_{RBT5}-PCL5/PCL5</i> | <i>C.albicans</i> | <i>PCL5::P_{RBT5}-PCL5/PCL5</i> |
| ASM565 | SC5314 <i>hgc1Δ/Δ</i> <i>P_{RBT5}-PCL5/PCL5</i> | <i>C.albicans</i> | <i>hgc1Δ::r1HIS1r1/hgc1Δ::r1HIS1r1 PCL5::P_{RBT5}-PCL5/PCL5 his1Δ::r3/his1Δ::r3</i> |
| ASM586 | SC5314 <i>P_{RBT5}-PCL7/PCL7</i> | <i>C.albicans</i> | <i>PCL7::P_{RBT5}-PCL7/PCL7</i> |
| ASM591 | SC5314 <i>hgc1Δ/Δ</i> <i>P_{RBT5}-PCL7/PCL7</i> | <i>C.albicans</i> | <i>hgc1Δ::r1HIS1r1/hgc1Δ::r1HIS1r1 PCL7::P_{RBT5}-PCL7/PCL7 his1Δ::r3/his1Δ::r3</i> |
| ASM647 | SC5314 <i>ccn1Δ/Δ</i> | <i>C.albicans</i> | <i>ccn1Δ::NAT1/ccn1Δ::NAT1</i> |
| ASM650 | SC5314 <i>hgc1Δ/Δ</i> <i>ccn1Δ/Δ</i> | <i>C.albicans</i> | <i>ccn1Δ::NAT1/ccn1Δ::NAT1 hgc1Δ::r1HIS1r1/hgc1Δ::r1HIS1r1his1Δ::r3/his1Δ::r3</i> |

Supplementary Table S1: *Candida albicans* strains used in this study