

Table S7. Primers used in this study

Primers used to generate RNAi plasmids	
Primer number	Sequence (5'-3')
OAS2235 <i>RYP4</i> -E1 RNAi Fwd	GGGGACAAGTTTGTACAAAAAAGCAGGCTCCCATGAAGGTGATCAAGGT
OAS2236 <i>RYP4</i> -E1 RNAi Rev	GGGGACCACTTTGTACAAGAAAGCTGGGTGGGTGCATCTGTCGTAGGTT
OAS2237 <i>RYP4</i> -E5 RNAi Fwd	GGGGACAAGTTTGTACAAAAAAGCAGGCTACTGCCTCCCCTTCCATACT
OAS2238 <i>RYP4</i> -E5 RNAi Rev	GGGGACCACTTTGTACAAGAAAGCTGGGTGTCCGAAGAAAGCTCACCTG
Primers used in qPCR experiments	
Primer number	Sequence (5'-3')
OAS1057 <i>RYP1</i> -qPCR-Fwd ¹	ACCCTTGCAGCTTACAACCT
OAS1058 <i>RYP1</i> -qPCR-Rev ¹	TCCGTCCATCGCTTAATACC
OAS1942 <i>RYP2</i> -qPCR-Fwd ¹	CGGCTCGAGAGATGAAGTCGTT
OAS1943 <i>RYP2</i> -qPCR-Rev ¹	AAGTGACGGGCTTCCTTCCG
OAS1944 <i>RYP3</i> -qPCR-Fwd ¹	CCAAAGGCCAAGATGGAGAAGG
OAS1945 <i>RYP3</i> -qPCR-Rev ¹	GGAAATGAGAGGAAGGGGAAAGA
OAS3320 <i>RYP4</i> -qPCR-Fwd	GAACTTGATGAGTGGCAGAGG
OAS3321 <i>RYP4</i> -qPCR-Rev	ACTAGGGCCAGTATGGAAGG
OAS1452 <i>GAPDH</i> -qPCR-Fwd	AGACCCACTATGCTGCCTACA
OAS1453 <i>GAPDH</i> -qPCR-Rev	GGGTCGTATGTTTTCTCGT
Primers used to generate Ryp expression plasmids	
Primer number	Sequence (5'-3')
OAS3411 <i>RYP1</i> -Fwd-EcoRI	GGAATTCATGGGCAACGGCACAGCTG
OAS3549 <i>RYP1</i> -Rev-XhoI	CCGCTCGAGTCAACCTGTTGCAGCCGTATTCC
OAS3555 <i>RYP2</i> -Fwd-BamHI	CGGGATCCGATGAGCGCGCCAACATTTGC
OAS3750 <i>RYP2</i> -Rev-Sall	GGAGTCGACTCATCCCCATGCCGGCG
OAS3415 <i>RYP3</i> -Fwd-EcoRI	GGAATTCATGTACACGCTCAAACAAGACCGC
OAS3551 <i>RYP3</i> -Rev-XhoI	CCGCTCGAGTCACCCTTCATTCTCCCAATCCTC
OAS3751 <i>RYP4</i> -Fwd-SpeI	GACTAGTATGCCCGGCATACTACCCATG
OAS3752 <i>RYP4</i> -Rev-Sall	GGAGTCGACTCACGCAGGTTGTCGTAAATCCC
OAS3565 pEG202-Fwd	ATTGAAGGGCTGGCGGTTGGGGTTATTCGCAACGGCGACTGGCTGGAATTC
OAS3566 pEG202-Rev	TAAATCATAAGAAATTCGCCCGGAATTAGCTTGGCTGCAGGTGCGACTCGAG
OAS3559 <i>RYP2</i> -pEG202-Fwd	GGCGACTGGCTGGAATTCATGAGCGCGCCAACATTTGC
OAS3560 <i>RYP2</i> -pEG202-Rev	GCTGCAGGTGCGACTCGAGTCATCCCCATGCCGGCG
OAS3595 <i>RYP2</i> -C-pEG202-Fwd	GGCGACTGGCTGGAATTCACACTTCTAAAACGCCCATTTGAATCG
OAS3596 <i>RYP2</i> -N-pEG202-Rev	GCTGCAGGTGCGACTCGAGTCACGCTCGATTCAATGGGCGTT
OAS3573 pJSC401-Fwd	GGAGATGCCTCCTACCCTTATGATGTGCCAGATTATGCCTCTCCCGAATTC
OAS3574 pJSC401-Rev	TGATTGGAGACTTGACCAAACCTCTGGCGAAGAAGTCCAAAGCTTCTCGAG
OAS3567 <i>RYP2</i> -pJSC401-Fwd	TATGCCTCTCCCGAATTCATGAGCGCGCCAACATTTGC
OAS3568 <i>RYP2</i> -pJSC401-Rev	AGTCCAAAGCTTCTCGAGTCATCCCCATGCCGGCG
OAS3783 TEFprom-SacI-Fwd	CTGGAGCTCATAGCTTCAAATGTTTCTAC
OAS3784 CYC1term-SacI-Rev	CTGGAGCTCGGCCGCAAATTAAGCCTTCG

OAS4031 RYP2-C-pJSC401-Fwd	TATGCCTCTCCCGAATTCACACTTCTAAAACGCCCATGAATCG
OAS4032 RYP2-N-pJSC401-Rev	AGTCCAAAGCTTCTCGAGTCACGCTCGATTCAATGGGCGTT
OAS4205 RYP2-N-Rev-Sall	GGAGTCGACTCATTACGCTCGATTCAATGGGCGTT

Primers used to generate motif plasmids

Primer number	Sequence (5'-3')
OAS3893/MBL1039 ²	TCGAGAAAAATTAAAGTTTTTTTATC
OAS3894/MBL1040 ²	TCGAGATAAAAAAACTTTAATTTTTC
OAS3895/MBL1045 ²	TCGAGAAAAATACAAGACTTTTTATC
OAS3896/MBL1046 ²	TCGAGATAAAAAGTCTTGATTTTTTC
OAS3901 MotifB-Fwd	TCGAGACTAGGTTCCATGGTTCC
OAS3902 MotifB-Rev	TCGAGGAACCATGGAACCTAGTC
OAS3903 MotifB-KO-Fwd	TCGAGACTAGGTTTTCTTTTCCC
OAS3904 MotifB-KO-Rev	TCGAGGGAAAAGAAAACCTAGTC

Primers used to generate plasmids expressing His-tagged Ryp proteins

Primer number	Sequence (5'-3')
OAS4102 6XHis-Fwd	GATCTTAAGGCTAGAGTACTAATACGACTC
OAS4103 6XHis-Rev	AAAAAACCCTCAAGACCCG
OAS4106 Cterm-6XHis-Fwd	GATCTTAAGGCTAGAGTACTAATACGACTCACTATAGGGAATACAAGCTACTTGT TCTTTTGCACCACC
OAS4107 Cterm-6XHis-Rev	AAAAAACCCTCAAGACCCGTTTAGAGGCCCAAGGGTTTTTTTTTTTTTTTTTTT TTTTTTTTTTTTTTCATTAATGATGATGATGATGATGTCCCTGAAAATACAGGTTTTTC
OAS4110 RYP1-N-6XHis-C-Fwd	GCTACTTGTTCTTTTTGCACCACCATGGGCAACGGCACAGCT
OAS4111 RYP1-N-6XHis-C-Rev	GATGTCCCTGAAAATACAGGTTTTTCATATGACGGACCGGAACCTCGG
OAS4114 RYP1-6XHis-C-Fwd	GCTACTTGTTCTTTTTGCACCACCATGGGCAACGGCACAGCT
OAS4115 RYP1-6XHis-C-Rev	GATGTCCCTGAAAATACAGGTTTTTCACCTGTTGCAGCCGTATTCCA
OAS4118 RYP2-6XHis-C-Fwd	GCTACTTGTTCTTTTTGCACCACCATGAGCGCGCCAACATTTG
OAS4119 RYP2-6XHis-C-Rev	GATGTCCCTGAAAATACAGGTTTTCTCCCATGCCGGCG
OAS4122 RYP3-6XHis-C-Fwd	GCTACTTGTTCTTTTTGCACCACCATGTACACGCTCAAACAAGACCG
OAS4123 RYP3-6XHis-C-Rev	GATGTCCCTGAAAATACAGGTTTTCCCCTTCATTCTCCCAATCCTCC

Oligonucleotides used to generate EMSA probes

Oligo name	Sequence (5'-3')
CBP1p-MotifA-Fwd	TAATGGTTCCAGATTGAGTTTCGTTTAAAGTTCACAACCTCAATTCGGCAGCTCCGCTGCA
CBP1p-MotifA-Rev	TGCAGCGGAGCTGCCGAATTGAGTTGTGAACCTTTAAACGAACTCAATCTGGAACCATTA
CBP1p-MotifB-Fwd	ATCAGGCGTCCGATCAGGTGATTGCTTTAACCTTGGGATCCAGAGATCTCTCTATCTTT
CBP1p-MotifB-Rev	AAAGATAGAGAGATCTCTGGATCCCAAGGTTAAAGCAATCACCTGATCGGACGCCTGAT

¹: Webster RH, Sil A (2008) Conserved factors Ryp2 and Ryp3 control cell morphology and infectious spore formation in the fungal pathogen *Histoplasma capsulatum*. Proc Natl Acad Sci USA 105(38): 14573-14578.

²: Lohse MB, Zordan RE, Cain CW, Johnson AD (2010) Distinct class of DNA-binding domains is exemplified by a master regulator of phenotypic switching in *Candida albicans*. Proc Natl Acad Sci USA 107(32): 14105-14110.