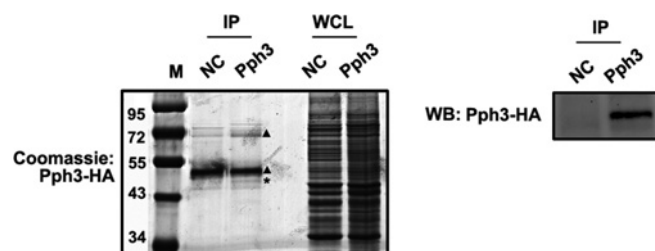


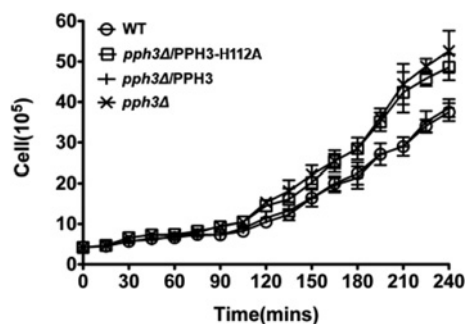
SUPPLEMENTARY ONLINE DATA

Rfa2 is specifically dephosphorylated by Pph3 in *Candida albicans*Haitao WANG*^{†1}, Jiaxin GAO*¹, Ada Hang-Heng WONG[‡], Kangdi HU*, Wanjie LI*, Yue WANG^{†2} and Jianli SANG*²

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[†]Institute of Molecular and Cell Biology, Agency for Science, Technology and Research (A*STAR), Singapore 138673, and [‡]Protein Science Laboratory, School of Life Sciences, Tsinghua University, Beijing 100084, People's Republic of ChinaFigure S1 SDS/PAGE of immunopurified Pph3 from WT *C. albicans* cells

Left-hand side: C-terminally HA (haemagglutinin)-tagged Pph3 was immunopurified by an anti-HA antibody from *C. albicans* cells (HT28 and HT29) and resolved by SDS/PAGE (10% gel). The asterisk denotes Pph3 and triangles denote the antibody fragments. Right-hand side: Western blotting of the immunopurified Pph3 using an anti-HA antibody.

Figure S2 Cell growth in wild-type, *pph3Δ/PPH3-H112A*, *pph3Δ/PPH3* and *pph3Δ* mutant cells

WT (SC5314 or BWP17), *pph3Δ/PPH3-H112A* (HT29), *pph3Δ/PPH3* (HT28) and *pph3Δ* (S.JL3) mutant cells were grown in liquid YPD medium at 30°C for 4 h. Cells were counted in triplicate parallel experiments at the times indicated.

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Table S1 *C. albicans* strains used in the present study

Strains	Relevant genotype	Source
SC5314	WT, clinical isolate	
BWP17	ura3/ura3 his1::hisG/his1::hisG arg4::hisG/arg4::hisG	[1]
SJL2	BWP17 pph3Δ::ARG4/ pph3Δ::HIS1	[2]
SJL2.1	BWP17 pph3Δ::ARG4/ pph3Δ::HIS1 PPH3:URA3	[2]
SJL3	BWP17 pph3Δ::ARG4/ pph3Δ::HIS1 URA3	[2]
SJL5	BWP17 psy2Δ::ARG4/ psy2Δ::HIS1	[2]
SJL5.1	BWP17 psy2Δ::ARG4/ psy2Δ::HIS1 PSY2:URA3	[2]
SJL6	BWP17 psy2Δ::ARG4/ psy2Δ::HIS1 URA3	[2]
HKD1.1	BWP17 ptc2Δ::ARG4/ ptc2Δ::HIS1 URA3	The present study
HKD2	BWP17 pph3Δ::ARG4/ pph3Δ::HIS1 ptc2Δ::FRT/ ptc2Δ::FRT URA3	The present study
HT1	BWP17 RFA2-Myc::URA3	[2]
HT2	BWP17 pph3Δ::ARG4/ pph3Δ::HIS1 RFA2-Myc:URA3	[2]
HT3	BWP17 psy2Δ::ARG4/ psy2Δ::HIS1 RFA2-Myc:URA3	[2]
HT4	BWP17 ptc2Δ::ARG4/ ptc2Δ::HIS1 RFA2-Myc:URA3	[2]
HT5	BWP17 pph3Δ::ARG4/pph3Δ::HIS1 ptc2Δ::FRT/ ptc2Δ::FRT RFA2-Myc:URA3	[2]
HT25	BWP17 glc7Δ::ARG4/PMET3-GLC7::HIS1 RFA2-Myc:URA3	The present study
HT26	BWP17 PPH3/PPH3-6MYC:URA3 RFA2/RFA2-GFP:HIS	The present study
HT27	BWP17 PSY2/PSY2-6MYC:URA3 RFA2/RFA2-GFP:HIS	The present study
HT28	BWP17 pph3Δ::ARG4/ pph3Δ::HIS1 PPH3-HA:URA3	The present study
HT29	BWP17 pph3Δ::ARG4/ pph3Δ::HIS1 pph3H112A-HA:URA3	The present study
HT30	BWP17 PMET3-MYC-Δ40-RFA2::URA3	The present study
HT31	BWP17 RFA2-190-MYC::URA3	The present study
HT32	BWP17 pph3Δ::ARG4/pph3Δ::HIS1 PMET3-MYC-Δ40-RFA2::URA3	The present study
HT33	BWP17 pph3Δ::ARG4/pph3Δ::HIS1 RFA2-190-MYC::URA3	The present study
WYS2	mrc1Δ::ARG4/mrc1Δ::HIS1	[3]
HT34	mrc1Δ::ARG4/mrc1Δ::HIS1 RFA2-Myc URA3	The present study
WYS1	rad9Δ::ARG4/rad9Δ::URA3	[3]
HT35	rad9Δ::ARG4/rad9Δ::URA3 RFA2-Myc HIS1	The present study
HT36	BWP17 mec1Δ::ARG4/PMET3-MEC1::URA3	The present study
HT37	BWP17 mec1Δ::ARG4/PMET3-MEC1::URA3 RFA2-Myc:HIS	The present study
HT38	BWP17 lme2Δ::ARG4/lme2Δ::HIS1	The present study
HT39	BWP17 lme2Δ::ARG4/lme2Δ::HIS1 RFA2-Myc:URA3	The present study
WY	BWP17 cdc28Δ::ARG4/PMET3-CDC28as::URA3	[3]
HT40	BWP17 cdc28Δ::ARG4/PMET3-CDC28as::URA3 RFA2-Myc:HIS1	The present study
HT41	BWP17 RFA2-HIS-tag-URA3	The present study
HT42	BWP17 pph3Δ::ARG4/ pph3Δ::HIS1 RFA2-HIS-tag:URA3	The present study
HT43	BWP17 psy2Δ::ARG4/ psy2Δ::HIS1 RFA2-HIS-tag:URA3	The present study
HT44	BWP17 rfa2S18A/S30A-Myc::URA3	The present study
HT45	BWP17 pph3Δ::ARG4/ pph3Δ::HIS1 rfa2S18A/S30A-Myc::URA3	The present study
HT46	BWP17 psy2Δ::ARG4/ psy2Δ::HIS1 rfa2S18A/S30A-Myc::URA3	The present study
HT47	BWP17 rfa2T24A/T34A/T35A/T36A-Myc::URA3	The present study
HT48	BWP17 pph3Δ::ARG4/ pph3Δ::HIS1 rfa2T24A/T34A/T35A/T36A-Myc::URA3	The present study
HT49	BWP17 psy2Δ::ARG4/ psy2Δ::HIS1 rfa2T24A/T34A/T35A/T36A-Myc::URA3	The present study
HT50	BWP17 rfa2T43A/S146A/S153A-Myc::URA3	The present study
HT51	BWP17 rfa2T43A/S146A/S153A-Myc::URA3	The present study
HT52	BWP17 rfa2T43A/S146A/S153A-Myc::URA3	The present study
HT53	BWP17 rfa2S211A/T213A/S247A-Myc::URA3	The present study
HT54	BWP17 pph3Δ::ARG4/ pph3Δ::HIS1 rfa2S211A/T213A/S247A-Myc::URA3	The present study
HT55	BWP17 psy2Δ::ARG4/ psy2Δ::HIS1 rfa2S211A/T213A/S247A-Myc::URA3	The present study
HT56	BWP17 rfa2S18A/T24A/T34A/T35A/T36A/T43A/S146A/S153A/S211A/T213A/S247A-Myc::URA3	The present study
HT57	BWP17 pph3Δ::ARG4/pph3Δ::HIS1 rfa2S18A/T24A/T34A/T35A/T36A/T43A/S146A/S153A/S211A/T213A/S247A-Myc::URA3	The present study
HT58	BWP17 psy2Δ::ARG4/psy2Δ::HIS1 rfa2S18A/T24A/T34A/T35A/T36A/T43A/S146A/S153A/S211A/T213A/S247A-Myc::URA3	The present study

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Received 9 June 2012/7 November 2012; accepted 9 November 2012

Published as BJ Immediate Publication 9 November 2012, doi:10.1042/BJ20120952