## Supplementary information, Figure S1

CaWorl HcRypl SpGtil ScMitl BcReg1 FoSge1 FgFgp1	202 168 282 164 165 159 160	. NGLVKKTITLITIT. KELHMEGKAEKQTIHLISYYSKODIDSGKLORPSESD. LKHVOTSPALWINVOENSLGG SGLVKKTMSVTVSGVTHLUSYYSVEDVMSNRLHTPMOHESLRYIRPRAELTTKOSPRAPIDDFDH SGLVKKTISLMIDGRLHLISYYTPEDVLNGKLOTPSSFNLFOOLTISKDLLEYKSFRIPPLVEAA .TGLVKKTISVKLKRPPFNSIENLHIVSYYSVKDIKONCLVTPKASPFLKDVRPSOELIVAMGNTTLGNVKNN DGNCHIKKTITVQVGELTHIVSYYTIDDVYGKKLSIPONAFPDVKPRRDIIYSKSYKHSPNDSNL .QGLVKKTISITYQGVPHLVSYYTVDDVKAGLLPSPVDDPRLRGVVPRTELLTGONFRAPIEEAQH .NSLIKKTISITHNGIPHLVSYYTVDDVRSGRLVRPSDHEFFGRVOPRMELMSGONFRVPLEDGGD
CaWorl HcRyp1 SpGti1 ScMit1 BcReg1 FoSge1 FgFgp1		ATLEDADP
CaWorl HcRypl SpGtil ScMitl BcRegl FoSgel FgFgpl	299 400 316 272 248 255	TSNSADIPPKQESYPFRSSASYPPGYNPMNPSMCOPLSASTMSSSLNTVLADRSOQOQOPSSAGLYRNPALOP SSLSSAISRNQSNLSSFQQQQQFSALQSISNNALNENIEQPPIKMAARHSYPNFLQTLPQYMNDVYNPSGLAFNPVNPNA YITQSPDNTNATGMNTHVNNNNNSNNSSMGSNNSNNNNNNNNNNNNNNNNNNNNNNN
CaWorl HcRypl SpGtil ScMitl BcRegl FoSgel FgFgpl	274 372 480 396 326 273 288	RNVAPDSSSGAVDPSSAYSRGFTGGMDSADQONVGOHPPYNPATRRESSTLVANVSYYNGDRCPQQQQSOPPSOPQQSHQ NNSFVNLNLIQFTSPSQALFDYGGGPYVDQKSQYLQPKQPSSNTDSIDQSSYNMSLAASKQFLT TGDFINPQQQGQISYPFYYTTIPINNPNYYTTOPPNPVTNASTNENQGYSTSSTQHPYYGHPTESQSASAAAGATGTPGT SSRSSHDSGASGMFQGQMASRNFNESTYASPNLYQRDATTPSHGYSQQYRDQOHQPQLQYQ QPQPHQHQPQLQYQPQQYRDQOHQPQLQYQ GTYAPVSVPATPALQNGT
CaWorl HcRypl SpGtil ScMitl BcRegl FoSgel FgFgpl	294 452 544 476 386 311 322	VSYIQQQQQQHQLQHQPLHH.   SSVAGS   PPPQQQYFSG   PHSAHAS   SDTQPDVNENYSFISNSIFXNLSTSWNQNMGYHVINSNSELASQN.   AENVLPVSSMQPLHQANNNSAS   SATQAQYPQNMET.   SPGNVSTGHAHYSVDHQTWPSNGL.   PQALH.   PTAHGYPQSYG.   QNVHQNVHQN.   PAPWYHAQ

## Figure S1 Sequence comparison of the WOPRb domain from different fungal

species. Strictly conserved residues are highlighted in shaded red boxes and conserved

residues in open red boxes.