

Figure S1. Sequences of some cell adhesion proteins and primary structure analyses.

Sequences were retrieved from NCBI in FASTA format. Repeat sequences are often visible as diagonal arrays of features. Potential signal sequences according to SIGNALP 4.1

(<http://www.cbs.dtu.dk/services/SignalP/>) are *italicized* and potential GPI signals (according to big-PI (http://mendel.imp.ac.at/gpi/fungi_server.html)) are *italicized in red*. Cys residues are highlighted in blue, dibasic sequences in magenta, N-glycosylation sequences in green

Sequences to have β -aggregation potential $\geq 10\%$ according to TANGO (<http://tango.crg.es/>) are highlighted in yellow.

SFTSSSFLTSFEAPTETSSSYAVSSSLITSDTFSSYSDFDEETSSLISTSAASSEKASSTLSSTAQPHR
TSHSSSSFELPVTAPSSSSSLPSSTSLTFTSVNPSQSWTSFNSEKSSALSSTIEFTSSEISGTSPPKLSLES
LDTTGTITSSYSPSPSSKNSNQTSLLSPLEPLSSSSGDLILSSTIQATTNDQTSKTIPTLVDATSSLPPT
LRSSSMAPTSGSDSISHNFTSPPSKTSGNYDVLTNSIDPSLFTTTSEYSSTQLSSLNQASKSETVNETA
SIASSTPFPGTDSATSLIDPISSVVGSTASSFVGI STANFSTQGNSNYVPESTASGSSQYQDWSSSSSLPLSQT
TWVVINNTNTQGSVTSTTSPAYVSTATKTVDGVITEYVTWCPLTQTKSQAIGVSSSMSSVQPASSFSGSS
NSTALAASNNVPESTASGSSQYQDWSSSSSLPLSQT TWVVINNTNTQGSVTSTTSPAYVSTATKTVDGVIT
EYVTWCPLTQTKSQAIGVSSSMSSVQPASSFSGSSNSTTLAASNNVPESTASGSSQYQDWSSSSSLPLSQT
TWVVINNTNTQGSVTSTTSPAYVSTATKTVDGVITEYVTWCPLTQTKSQAIGVSSSMSSVQPASSFSGSS
NSTALAASNNVPESTASGSSQYQDWSSSSSLPLSQT TWVVINNTNTQGSVTSTTSPAYVSTATKTVDGVIT
EYVTWCPLTQTKSQIGVSSSMSSVQPASSFSGSSILSSNSTLAASNNVPESTASGSSQYQDWSSSSSLP
LSQTTWVVINNTNTQGSVTSTTSPAYVSTATKTVDGVITEYVTWCPLTQTKSQIGVSSSMSSVQPASSF
SGSSILSSNSTLAASNNVPESTASGSSQYQDWSSSSSLPLSQT TWVVINNTNTQGSVTSTTSPAYVSTAT
KTVDGVITEYVTWCPLTQTKSQIGISSSTISATETSKPSSILTLGI STLQLSDATFKGTETINTHLMTE
STSITEPTYFSGTSDSFYLSTSEVNLASSLSSYPNFSSEGSTATITNSTVTFGSTSKYPSTSVSNPTEA
SQHVSSSVNSLTDFTSNSTETIAVISNIHKTSNKDYSLTTLTKTSGMQTLVLSTVTTTVNGAATEYTT
WCPATSIAYTTSISYKTLVLTTEVCSHSECTPTVITSVTA SSSIPLSSTSSSTVLSSTVSEGTKNPAAS
EVTNTQVSATSEATSTSTSVTATASESSTTSQVSATSEATSSSTQVSATSVTATASESSTTSQVSATSE
ATSTSTSVTATASESSTTSQVSATSVTATASESSTTSQVSTASETISTLGTQNFITTGSLLPALSTEMI
NTTVVSRKTLIISTEVCSHSCVPTVITEVVT SKGTPSNHSSQTLQTEAVEVTLSSHQTVTMTSEVCSN
SICPTPTVITSVQMRSTPSPYLTSSTSSSSLVSTKKS SLEASSEMSTFSVSTQSLPLAFTSSEKRSSTTSVS
QLSSTVLTNTIMPSSSNVISTNEKPSSTSPYNFSSGYLSSSSTPSQYSLSTATTTINGIKTVYTTWC
LAEKSTVAASSQSSRSVDRFVSSSKPSSSLQTSIQYTLSTATTTISGLKTVYTTWCPLTSKSTLGATTQ
TSSTAKVRITSASSATSTISLSTSTESESSSGYLSKGI CSGTECTQDVPTQSSSPASTLAYSTSVSTSS
SSFSTTTASTLTSTHTSVPLLPSSSSISASSPSSTSMMLSTSLPSPAFTSSTLPTATAVSSSTFIASSLPL
SSKSSLSLSPVSSSILMSQFSSSLASSP
SVLQPTTISIATLCTDSQCOQEVSTICNGSN CDDVTSTATPPSTVTDMTCTGSECOKTTSSSCDGYSC
KVSETHKSSATISACSGEGCQASATSELNSQYVTMTSVI TPSAITTTSVEVHSTES TISITTVKPVYTS
SDTNGELITITSSSQTVIPSVTTIITRTKVAITSTPKPTTTTYVEQRLSSSGIATSFVAAA SSTWITTP
VSTYAGSASKFLCSKFFMIMVMVINFI

>sp|P32768.4|FL01_YEAST RecName: Full=Flocculation protein FL01;
Short=Flocculin-1; Flags: Precursor
MTMPHYRMLAVFTLLALTSVAGATEACLPAQQRKSGMNINFYQYSLKDSSTYSNAAYMAYGYASKTKL
GSVGGQTDISIDYNIPC VSSSGTFPCQEDSYGNWGCCKGMGACSNSQGIAYWSTDLFGFYTTPTNVTLEM
TGYFLPPQGTGSYTFKFATVDDSAILSVGGATAFNCCAQQQPPITSTNFTIDGIKPWGGSLPPNIEGTVYM
YAGYYYPMKVVYSNAVSWGTLPI SVTL PDGTTVSDDFEGYVYSFDDDLQS NCTVPDPSNYAVSTTTTT
EPWTGFTSTSTEMTTVTGTNGVPTDETVIVIRTPPTASTI IITTEPWNSTFTSTSTELTTVTGTNGVRT
DETIIVIRTPPTATTAITTTEPWNSTFTSTSTELTTVTGTNGLPTDETIIVIRTPPTATTAMTTTQPWND
TFTSTSTELTTVTGTNGLPTDETIIVIRTPPTATTAMTTTQPWNDTFTSTSTELTTVTGTNGLPTDETI
VIRTPPTATTAMTTTQPWNDTFTSTSTEITTTVTGTNGLPTDETIIVIRTPPTATTAMTTTQPWNDTFTST
STEMTTVTGTNGLPTDETIIVIRTPPTATTAITTTEPWNSTFTSTSTEMTTVTGTNGLPTDETIIVIRTP
TTATTAITTTQPWNDTFTSTSTEMTTVTGTNGLPTDETIIVIRTPPTATTAMTTTQPWNTFTSTSTEIT
TVTGTGLPTDETIIVIRTPPTATTAMTTTQPWNTFTSTSTEMTTVTGTNGVPTDETVIVIRTPPTSEGL
ISTTTEPWTGFTSTSTEMTTVTGTNGQPTDETVIVIRTPPTSEGLVTTTTTEPWTGFTSTSTEMTTITGT
NGVPTDETVIVIRTPPTSEGLISTTTEPWTGFTSTSTEMTTITGTNGQPTDETVIVIRTPPTSEGLISTTT
EPWTGFTSTSTEMTHVTGTNGVPTDETVIVIRTPPTSEGLISTTTEPWTGFTSTSTEMTTITGTNGQPT
DETVIVIRTPPTSEGLISTTTEPWTGFTSTSTEMTTVTGTNGQPTDETVIVIRTPPTSEGLVTTTTTEPWTG
TFTSTSTEMSTVTGTNGLPTDETVIVKPTTAISSLSSSSSSGQITSSITSSRPIITPFYPSNGTSVIS
SSVISSSVTSSLFTSSPVISSSVISSSTTTSTISFESSKSSVIPTSSSTSGSSESETSSAGSVSSSSFI
SSESSKSPTYSSSSSLPLVTSATTSQETASSLPATTTKTSEQTLVTVTSCESHVCTESISP AIVSTATV
TVSGVTTTEYTTWCPISTTETTKQTKGTTEQTTETTKQTTVVTI SSCESDVCSKTASPAIVSTSTATINGV
TTEYTTWCPISTTESRQQTTLVTVTSCESGV CSETASPAIVSTATATVNDVVTVYPTWRPQTANEESVSS
KMNSATGETTTNTLAAETTTNTVAETITNTGAAETKVVTSSLSRSNHAETQTASATDVIGHSSSVSV
SETGNTKSLTSSGLSTMSQQPRSTPASSMVGYSTASLEISTYAGSANSLLAGSGLSVFIASLLAI

Pezizomycota :

>KEY82091.1 hydrophobin [Aspergillus fumigatus var. RP-2014]
MLVTMRLSRSAVFTLVYATGLPSLQVIPRGEPLPLDPSMTIKEAARKCGDKAQLSCCNRVVKAGDY
TSVDEGIGAGLLSNLAGGGSGISSILAFDQCSRLDAQVPVLLPIQDLLNQHCQKNVA~~CC~~QKNPGDASS~~S~~
GVGVSLPCIALGSVA
[No TANGO seqs]

>EAL91055.1 conidial hydrophobin RodB [Aspergillus fumigatus Af293]
MKFLAVVSLLAATALALPNAGVVHPTFASADKYTLQQAQNKCGEHTTSLCCNHVSKVGD~~TTAFNYGLLNG~~
LLGNAISGPEGVILSGCQKISVTALIGVDDLLNKQCCQNVACCQDNKSVATGGLINIATPACVALDSII

>EAL91643.1 conidial hydrophobin Hyp1/RodA [Aspergillus fumigatus Af293]
MKFSLSAAVLAFAVSVAALPQHVDVNAAGNGVGNKGNANVRFVPPDDITVKQATEKCGDQAQLSCCNKATY
AGDVTDIDEGILAGTLKNLIGGGSGTEGLGLFNQCSKLDLQIPIIGIPIQDLVNQKCKQNIACCQNSP~~SD~~
ASGSLIGLGLPCIALGSIL
[No TANGO seqs]

>KDQ22759.1 vegetative mycelium hydrophobin 2 expressed in monokaryotic and
dikaryotic micelia [Pleurotus ostreatus PC15]
MFSRVMFC~~TF~~LILPLLAAATAIPRTDTPSCSTGSLQCCSSVQKASDPLVGIIVALLGIVLGPLDLNVGLT
CSPITVIGVGGTSCTQQTVCCTGN~~NF~~DGLIVAGCSPINIGL

>EGX49926.1 hypothetical protein AOL_s00076g567 [Arthrotrichy oligospora ATCC
24927] (MAD1)
MKGAIQFLGALAAVQAVSATYIDWTQPFNSYDCGGKQCGGRPKFEPAYSNERCTPQONTGYDFSDAPDG
DLPKYDDDFDFSGYKQKSKLQRRSGRSGSKCASSYVEPETYSNEIKCGK~~K~~FSVDEFDISLEYESVIEFH
YGM~~PD~~GSSCKHVSCKGTGITPVKNTQCGGAKSVCKIHKSSQN~~KKK~~CKFNIHHIKFRCDKPSTTSAPVPA
TTSE~~PAP~~CTEYSCTATDTTTEPAPTEPAPTEPAPCTEYSCTATDTTTEPAPTEPAPCTEYSCTATDTTTE
PAPCTEYSCTATDTTTEPAPTEPAPTEPAPCTEYSCTATDTTTEPAPTEPAPTEPAPCTEYSCTATDTTTE
EPAPTEPAPCTEYSCTATETTSEAVPTTTDEAPCTDYSCTATEAVPTTTDEAPCTEYSCTGVPTSEAVPT
TSDDVPTTTDVYIPPTDVYVPPTDIYVPPANTSIPYETPSPSETETLPPSGTDVYTTLPSVPVETGCPPV
LPQC~~ME~~TWTKITQC~~V~~NSGDVKCLCPNPEYIKSVAECVEAWGVDDDEVAKALEYMQGLCAEHI~~PEN~~PAIVT
CVPT~~Y~~VTLPVPTTGAS~~TVT~~VSTTVVVPVTTASPEETNKPGYV~~V~~F~~TT~~TETVIRT~~V~~TV~~V~~CPVKLVTTTEPSKPV
LVPGTITAPPYVPTAPATIPATVPAEATTPPVEYAPSTLMTAYPTVPV~~VN~~NTTPNPPIATGA~~ASS~~FKA
FSTVMLAGVIGLTALIMA

>AAA91036.1 WI-1 adhesin [Blastomyces dermatitidis]. (Bad1)
MPDIKSVSSILLLVSSSLVAHPGARYPRDDKYPVNVKYSSEHFHHPKCDWHLWDQWCNGDGHKHFYDCGW
GLTHPNYNYRLWKYWC~~DT~~KVHYNCELD~~ES~~HLKYDAGLFKSLCTGPGKHL~~YD~~CDWPTSH~~V~~SY~~SW~~YLHDYLC
GNGHHPYDC~~EL~~DSSHEDYSWPLWFKWCSGHGRHFYDC~~CK~~WDNDHEKYDWPLWQYWC~~GS~~HDKDPYNC~~D~~WDF
HEKYDWELW~~NK~~WCKDPYNC~~CE~~WSSHEKYDWELW~~NK~~WCKDPYNC~~CE~~WNSFHEKYDWELW~~NK~~WCKDSYN~~CE~~WD
SSHEKYDWELW~~NK~~WCKDPYNC~~CD~~WSSHEKFDWGLWSHW~~CN~~DYDKYPYNC~~CE~~WSSSH~~K~~YDLTLWNRW~~C~~SSY
DKDPYK~~CD~~WDLW~~NQ~~LC~~SG~~N~~GH~~HFYDC~~CD~~WDVSYPGYD~~SH~~LWDL~~CT~~N~~NP~~YNC~~CE~~WSSHEKYDWELW~~DK~~WCK
DPYNC~~CD~~WSSHEKYDW~~DL~~W~~NK~~WCKDPYNC~~CE~~WSSHEKYDWELW~~DK~~WCKDPYNC~~CD~~WSSHEKYDW~~DL~~W~~NK~~W
CKDPYNC~~CE~~WSSHEKYDWELW~~DK~~WCKDPYNC~~CE~~WSSHEKYDW~~KL~~W~~DK~~WCKDFYNC~~CE~~WSSHEKYDWELW~~D~~
K~~W~~CKDSYN~~CD~~WDFHEKYDWELW~~DK~~WCKDSYN~~CD~~WDFHEKYDW~~DL~~W~~NK~~WCKDSYN~~CD~~WDFHEKYDWEL
W~~DK~~WCKDSYN~~CD~~WDFHEKYDWELW~~DK~~WCKDFYNC~~CE~~WSSHEKYDWELW~~DK~~WCKDPYNC~~CE~~WSSHEKYDW
ELW~~DK~~WCKDFYNC~~CD~~WDFHEKYDW~~V~~LW~~NK~~WCKDPYNC~~CE~~WSSHEKYDWELW~~DK~~WCKDPYNC~~CD~~WDFHEKY
DW~~DL~~W~~NK~~WCKDPYNC~~CE~~WSSHEKYDWELW~~DK~~WCKDPYNC~~CE~~WSSHEKYDW~~KL~~W~~DK~~WCKDFYNC~~CE~~WSSHE
KYDWELW~~DK~~WCKDPYNC~~CE~~WSSHEKYDWELW~~DK~~WCKDPYNC~~CE~~WSSHEKYDWELW~~NK~~WCKDPYNC~~CE~~WSS
HEKYDWELW~~DK~~WCKDFYNC~~CE~~WSSHEKYDWELW~~DK~~WCKDPYNC~~CE~~WSSHEKYDWELW~~DK~~WCKDFYNC~~CE~~WD
SSHEKYDW~~KL~~W~~NK~~WCKDFYNC~~CE~~WSSHEKYDW~~KL~~W~~NK~~WCKDFYNC~~CE~~WSSHEKYDWELW~~NK~~WCKNHDEHD
KHPW~~CP~~V~~CD~~PLSGANRCHPTTSCIGTGH~~S~~YYCACRAGYKSSHYSHDHKNFRLPFPGYEFLVFTPPGTE~~CD~~
VLC~~D~~GYPHKPAHKLCSEVKVHNYCEP

Taphiniromycota

>AAR00228.1 INT1 [Pneumocystis carinii] no sig
MSSKTVEKHENLELDLKSGEKVAYEESERANSPLSAFFYEVNRIIRGSDRKKRRDGTGSYGLLISSYNL
SKRDLSDIKSAAFFNRRYGVNCSSTESLREGSGVYMRGDGMFSRTTVDSGQIFDESSSVKTSLDYDIYDGN
NVYKVIDSPLKAPTIHNVEYREYYDKNLCIKESNNEVNI FENEVSKVPEKKSFFLKGARKSSSGKGSEKK
STLRSISLNLKKNLITSIVSNNDSHANQAQIENKDEGKSLQKENEFS DPTVLKTENVLGGNLSNEKRDMTK
SSFSEFYSRNLKDIQSVEENEAIKMKEDVPKRFLEDEEKNKNKDVTVNVFKNSKNDYHMSKKNYQTYVS
NDDQEIFNDDLKYKYNSEDVPYDDGIKNAEKLKTNIEESSVYESDSEISQRLPSYCKLDAIDIGNFELN
DFMIRKSSNISTKEISQFKSKIFEDEALNEKKI NDSNTEQEEKSYIKSNDFS DKLTKADS NF EISHSDAE
KYKPDNQPLNDNKNANIYQSTVNGDSNISISLPLLGQQLSDFNVS LDDVSDAIDKVIEVRKVCIKLFNR
NVFNC LAWLYYETECKYSHASSNDVCEKDTKRERYASPKIDDIYEKNEKHPVLKFDKTKNIVINKVPQDD
SIGKKPDSGLLFIRVIEIENLDLPLPEDKTLRFCC TLDNGRHYITTPWIPFTKNAKINEEFELVANDDLE
FTLTLRLDYQPSVDHKKDFIFSRIFSSSKKQALSSFNPNCCLSNNGSFGRSYLSLKMFKDHAFGCPY
TTTVC MNEWTEKAVVKGRRQILKVKSIIICQLKINAFYVFPVPGQAKETMPKLSACVKDIKNAEWS
KLHYEGFLIQHGGDCLYRKRFRSLGLKLT SYHSSKIRSININLAKVKTILNDQQLSIDS KKMTRAVH
TENNQSS TLEGDNDYVLTQNGFCIKFFNGEIIIFYADSEDEKARWVRVLDAVIKKANQVKPWCLYVLQK
QKAMKRFPKSAK KKKKLSFLIYSN

>AAA33797.1 major surface glycoprotein [Pneumocystis carinii] no sig
?MARPVKRQAVQGAQDEIDEKHLAFIVKDKYKEEQKCKEELEKYCKELKEADKNLENVDDKVKGLCDDKK
RDEKCKDVKKKVEDELKDFEELQKVLNNIKDENCEKYEKCI LLEETDYDVIKDNCIELREGCYKLRKRE
KVAEELLRLALGGDAKEEAKCKGKMNTVCPVLSRESDELMSFCLDSAKTCGDLKKKLGTVCEPLKKELKD
NELAEKCHERLEKCHFYGACDDAKCKKFEEQCKGKNI IYKAPESDLSPVKPRASLLRSIGLDDVYKNAE
KHGIIIGKSGVDLPRKSGTKFLQDLLLLSRDEDKKEPDKKCTKALEKCDASKYLNTELEKLCCKDGNKNE
KCKKILDVKERCTNLKLLKLYLKGLSTEYDDQESDPLSWGQLPTFFIKGEC AELESECFYLEKACKDNNID
KACQNARAACYKKGQDRMLNKFQKELKGLGHVRFYSDPKDCCKKYVVENCTKLDKKYLPRCLYPKELCY
GLSNDIFLQSKELSALLDDQRDFPLKCKCVELKEKCEDELSSDSLLNLEKCI TLKRRCEYFRVSEGFNRV
LEKDDSLMTQDNC TKALHEKCHQLYRRRKNFSFSVSCALPEETCSYVMVFHTSQDCSSLKVNKNEKILEK
IGEEIKKANKNEALVEELCTTWGRHCHQLMENCPDDLKCKKENGNGNDHNCEALQEKCNKTFEKLKLEEL
SHLLKGLKDDKCKEALGKRCTELEKNEAFKTLYGKDDNTKENVCKKLVDKVKKRCPTLKDELENAKKE
LTKMKNEYDDLKKA AEKTEAAKLLLSRPRQTVMPNAQNGSDSTLVPPPQAPAGPPPPGSPPPPSQNG
TPGTPGGETGASGGTPTGTPGTGTPGPGMMKYAKLGLVKRTYVDGGVSEVEVKAFDATTIALELYLEL
KEECALELDCGFKEDCPDTKQACENIDTLCKLEPLEIKPHHTEKITETKTETKTETKTETKTETGKADEK
TVEKTVTETKSVGGKVTEECTMIQTTDTWVTSTSLHTSTTTSTSTVTSTVTLTSMRKCKPTKCTTDSSK
ETQKEEDDEEVKPNEMKIRVPDIKIMLLGVIVMGM

>sp|Q9P6S0.3|GSF2_SCHPO RecName: Full=Galactose-specific cell agglutination
protein gsf2; AltName: Full=Galactose-specific flocculin; AltName: Full=Pombe
flocculin 1; Flags: Precursor

MSVRRFLSTSARALLFTAALLPSLTSGLPSSGNVRI LQKGMPEPEDIYLSASQNEVPHDISLPKTELADPNF
LVDDMPTLLGRDAAVDPSMFTSTFTVKNGNDANYITASPVSNDA SMTAISTFTSGKEASYAIQASPSTFL
PDSTTTSGS QVSNAVEASSTFVADTTSTSCNPATVLIVTTSGSTSTSCPPP TILIVTVPTTTTTTTVGY
PGSVTTTTLTGTPSNGTVIDTVEVPTTTNYGYTTITTYGTGSTLTTTTPHSGNETGPTTVYVETPYPTTV
TTTTTVGYPGSVTTTTLTGAPSNGTVIDTVEVPTTTNYGYTTVTTGYTGSTLTTTTPHSGNETGPTTVYV
ETPYPTTVTTTTTVGYPGSVTTTTLTGAPSNGTVIDTVEVPTTTNYGYTTVTTGYTGSTLTTTTPHSGNE
TGPTTVYVETPYPTTVTTTTTVGYPGSVTTTTLTGAPSNGTVIDTVEIPTTTNYGYTTITTYGTGSTLTT
TVPHSGNETGPTTVYVETPYPTTVTTTTTVGYPGSVTTTTLTGAPSNGTVIDTVEVPTTTNYGYTTITTYG
TGSTLTTTTPHSGNETGPTTVYVETPYPTTVTTTTTVGYPGSVTTTTLTGAPSNGTVIDTVEVPTTTNYG
YTTVTTGYTGSTLTTTTPHSGNETGPTTVYVETPYPTTVTTTTTVGYSGSVTTTTL TGSNSIVTETVD
VPTTTSVNYGYTTITTYGTGSTLTSIVTHSGSETGPTTVYIETPSVSATTTTTTIGYSGSLTTTLTGSS
GPVVTNTVEIPYGNSSYIIP TIVTGTVTVTVTGYTGTETSTVTVIPTGTTGTTTVVIQTPTTVTATETD
IVTVTTGYTGTETSTVTPTGTSTGTTTVVIQTPTTVTATETDIVTVTTGYTGTETSTVTPTGTSTG
TTTTVVIQTPTTVTATETDIVTVTTGYTGTETSTVTPTGTSTGTTTVVIQTPTTVTATETDIVTVTTGY
TGTETSTVTPTGTSTGTTTVVIQTPTTVTATETDIVTVTTGYTGTETSTVTPTGTSTGTTTVVIQT
PTTVTATETDIVTVTTGYTGTETSTVTPTGTSTGTTTVVIQTPTTVTATETDIVTVTTGYTGTETSTV
TVTPTGTA TGTTVVI NPTTTTGSEVLPTTGATGTAGTETQLTTATEVQPTTGATGTAGTETQVTTGTET

QATTATETQATTATEVQTTTGTAGTAGTETQATTATEVQPTTGTAGTAGTETQVTTATEVQPTTGTAGTA
GTETQVTTGTETQATTATETQATTATEVQTTTGTAGTAGTETQATTATEVQPTTGTAGTAGTETQVTTAT
EVQPTTGTAGTAGTETQVTTGTETQATTATETQATTATEVQTTTGTAGTAGTETQVTTATEVQPTTAVTE
TSSSGYYTTIVSSTVTVVPGSTVYPVTHVTTTTGVSCESSAFTYTTSSSQYEPSTVVTTSYYTTSVY
SAPATETVSSTEAPESSTVTSNPIYQSGSTSTWSTVRQWNGSATYNYTYTTGGFTGGNNTNVTGLYPS
AGANKPIAYLTFVSLFVYIVTLI

>CAC19750.2 cell agglutination protein Mam3 [Schizosaccharomyces pombe]
MSIALAFFILVLLGFSWASPSALDDTFNVSRSVGLISSNLESCQSSPLEVGNIYNSTASASEILSTLDAK
YITIIGVIGSSNSSIQDLIDSVGNSNNAASSNPTSTVTEYVDRVQTVTEYVTLSCGQAFSTSTVDISSSTS
SSVINSETGTAVSSQISTLSMSPSSTPVFSPASVSSKVAASVSVSSEPSDSSSSTNTVILTTSVNSPA
VSSSETLTSVITSTESAYTSSSDIAAASTTASSTLPVSTSEATVFSSTDIPTPSTLSSPASSSSSYLV
ETSSTLTDSVFTTVTATSDDSSVITYTLINSVTSSSETNLPSSSSSLVTIGESSFPSSLLSLLTQSFSTV
RSTSSSSTDQLTSASPISSSVISPSVSSPTSSILTNSGSIKSGDHQIVTTSFVQTTTHGSQVETLTYVTT
LTETILTTTYDSHTFLTTITPSPNSISYTNNTFIPSSSIKSSIVYSVTPTSAENYTSSEAFSTSSSLV
IPPVNSSLVTSSTSFTKFSSLSLSSQLSTENFTSASSLSLTNAKSSLSTPSTTIPTSSNSVSLQTS
ISSPIISSSLTATSTSTPALTHSITPSNTSYTSSLIPSSSDYSSSLITVCSNVTSEISSTSLASLISTL
TSQQISSNKSSEFVGQTTTEYTTSGSVGFTTTTLATQSGSVPGTVLVDVPTPSWITETVTS
TPIGTTAGTVLVDIPTPSWVTEVTSGSIGFTTTIATPIGSTAGTVLVDVPTPSWVTEVTS
IATPIGSTAGTVLVDIPTPSWVTEVTSGSIGFTTTIATPIGSTAGTVLVDIPTPSWVTEVTS
TTIATPVGTTAGTVVVDVPTPSWVTEVTSGSIGFTTTIATPIGSTAGTVLVDIPTPSWVTEVTS
FTTTIATPVGTTAGTVLVDIPTPSWVTEVTSGSIGFTTTIATPIGSTAGTVLVDIPTPSWVTEVTS
VGFTTTIATPVGTTAGTVLVDIPTPSWVTEVTSGSIGFTTTIATPIGSTAGTVLVDI
FDGFSGYTSSYTGSITETIVIGTPHHSVVDVS

>NP_596007.1 cell surface agglutination protein Map4 [Schizosaccharomyces pombe]
MNSYAILLSLFFSFERLLTLANANSLYSPFNSSFVDSDTSFSDLSRNGLLSLLDSNTTASAVQTI
TDNAASCIPASLLSSSVLYSAKETVTVSSYWSLVSTSVTGTVYVYPYTSVACFPYATSDAPNPIPRGD
SATSTSIAPTYASDSSATTITSSSPSTSIIGTGSTDSVSSSTLYHTPIASPTTSSNSDNEYTV
SSLSSFVITNVDSTTTTVINYIGASTLESSSLTNTVSPTESTFYETKSSTSSVPTQTIDSSSFTS
LTSSSTSSSGSSQDSTTIDSTPSTIATSTLQPTTSSPITTSAPSLSSALPTTYPSSLSTEVEVEY
TDTSSIVTYSTGVETLYETETITSSSEISSIYNFSTPISGSSFPDGFKPINPSTFPLTSSTKIP
PTSSKMITTTTPSVSNNTQSFLIISTFTSSYEHSEPFKVSSVPLTSNPFSSISHSSASSLPIT
NTTLHSSVQSSSQSSQFTVSVPSSTQSYSTSSNFTTPITISTLSLSSFPPTIVSSSFQYSSLSS
SSSLSSSNSSALTHISSIVSSGSSALSSSTIVSSINSSSVFISSVSSSLQYSSSYVTETTTSG
TTTIATPVGTTAGTVVVDIPTPSWVTEVTSGSIGFTTTIATPVGTTAGTVLVDIPTPSWVTE
EFTTTIATPVGTTAGTVVVDIPTPSWVTEVTSGSIGFTTTIATPIGTTAGTVLVDIPTPSWVTE
SVGFTTTIATPVGTTAGTVLVDIPTASSPFPSCNTQCTNENSFRIQVINDDIYPSYVHLD
AARGDSGENVFIYDSIKRIVSCCGVKPIYRLDQDDTEGYSFEIYKDNDGQLQFKYPLNDALY
LTDGRIGITNTLYKPYLNNVENERAANVVLRALEY

Basidiomycete:

>XP_012046965.1 hypothetical protein CNAG_00795 [Cryptococcus neoformans var. grubii H99] (Cf11)

MLVSNIFALLGLASYAHANGISLAMGTRINVGVSTISITAKASVSEKNSCSSPGDFFTQLLDNPLCSSPHT
RTPPSSDLTCPFNWFMHKTAKCCIPQTEVAPCDGEGYTFNEKTKKCVKNAGSCSGHQWWHQRSSSCCDN
SWHTSPPKGSPPSGITCPTNWFHKTLLKCKPLHPRPEPCDNWDSHKQCCGSGGSSPSQTASKGKGR
TLQARQOQTLYPQTELDKMYCPGSLHACTVNSGSGGEWAYECVDFATELES CGGC SSTGEGQDCTQIPNA
FSVGCCELGSCAVYSCKSGFRLNGTECIAV

> AJ938050 1233 bp mRNA linear PLN 24-OCT-2005 Filobasidiella
neoformans mRNA for deacetylase (MP84 gene)

MYGHLSTLSTLLAVVAAAPFHESWLQPRSDVSQLFRRGAPDPKASDYLSYYPSPGSTPNVSTIPQAWLDKLATVQ
LPNVSIVATANDGRPTYPNNEVDGSEICSTFDQCYVEDDLYSPPGKVVWALSFDDGPTDVSPALYDYLAQNNISSA
THFMIGGNIITSPQSVLIAIEAGGHLAVHTWVSHPYMTTLTNEQVVAELGWTMQALSDLNGGRIPLYWRPPYGDVDNR
VRAIAKGVFGLVTVLWDSDTNDWAI SDQPDQYSVASVEAYFDLVTGNRTQGLLLLEHELDNNTVEVFETETPKAVA
NGWSVKNVADAFSMKWYLN SGKGNDDVVTMSVAGTLTTAKPHTTSTSVASATATSSASVTDSAGVSIAS AASSQES
SSWPIANSLFVIACGLALAAIMV