

[Candida albicans]\_ADP21191.1  
[Parastagonospora nodorum SN15]\_XP\_001800960.1  
[Talaromyces cellulolyticus]\_GAM42581.1  
[Fusarium oxysporum]\_ABR12479.1  
[Verticillium dahliae VdLs.17]\_EGY21687.1  
[Melampsora]  
[Cryptococcus gattii]  
[Fusarium vanettenii\_77-13-4]\_XP\_003048915.1  
[Geobacillus sp. WSUCF1]\_EPR29489.1\_2Z5G  
[Trichoderma gracile]\_KAH0498535.1  
[Trichoderma semiorbis]\_KAH0532554.1  
[Trichoderma virens FT-333]\_UKZ73321.1  
[Trichoderma lentiforme]\_KAF3077685.1  
[Trichoderma simmonsii]\_QYS94233.1  
[Trichoderma guizhouense]\_OPB43634.1  
[Trichoderma harzianum]\_ThaL  
[Trichoderma harzianum]\_KKO99473.1  
[Trichoderma arundinaceum]\_RFU75476.1  
[Trichoderma asperellum CBS\_433.97]\_XP\_0247565  
[Trichoderma asperelloides]\_KAH8131048.1

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	70	80	90	100
[Candida albicans]_ADP21191.1	WQLLVRS	EDSFGNPN	....VIVTTVIEPVNADPSKIASYQ	.....VF
[Parastagonospora nodorum SN15]_XP_001800960.1	.....	TFNGIP	....YAQPPVGGQLRLKAPQPLTS	SAV.....GK
[Talaromyces cellulolyticus]_GAM42581.1	.....	DFGNFK	....FYIQ	....HGA...AA.YC.....NSEAA
[Fusarium oxysporum]_ABR12479.1	.....	LFSSLE	....RMSR	....LVD...IA.YC.....VGTTG
[Verticillium dahliae VdLs.17]_EGY21687.1	.....	.....	.....	.....
[Melampsora]	.....	.....	.....	.....
[Cryptococcus gattii]	.....	.....	.....	.....
[Fusarium vanettenii 77-13-4]_XP_003048915.1	.....	.....	.....	.....
[Geobacillus sp. WSUCF1]_EPR29489.1_2Z5G	.....	.....	.....	.....
[Trichoderma gracile]_KAH0498535.1	.....	.....	.....	.....
[Trichoderma semiorbis]_KAH0532554.1	.....	.....	.....	.....
[Trichoderma virens FT-333]_UKZ73321.1	.....	.....	.....	.....
[Trichoderma lentiforme]_KAF3077685.1	.....	.....	.....	.....
[Trichoderma simmonsii]_QYS94233.1	.....	.....	.....	.....
[Trichoderma guizhouense]_OPB43634.1	.....	.....	.....	.....
[Trichoderma harzianum]_ThaL	.....	.....	.....	.....
[Trichoderma harzianum]_KKO99473.1	.....	.....	.....	.....
[Trichoderma arundinaceum]_RFU75476.1	.....	.....	.....	.....
[Trichoderma asperellum CBS_433.97]_XP_0247565	.....	.....	.....	.....
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	110	120	130	140	150
[Candida albicans]_ADP21191.1	DAAKAD	CAPSYALQF	....GSDLTTFVTQAE	MYLMAPLLDQGYV	V.....SPDCEGP
[Parastagonospora nodorum SN15]_XP_001800960.1	TASP	RGCPQFFF	.....STDOQN	FPTN....VLGTL	LNTPLFQTVTNAG....EDCLTI
[Talaromyces cellulolyticus]_GAM42581.1	QAQA	ASCDQA	.....CQTNLQ	.....EGIDG	VETFGPVPFDSDFY
[Fusarium oxysporum]_ABR12479.1	AGSK	ITCSNN	.....GC	..PTV.....QNGAT	IVTSFGSKTIGGGYV
[Verticillium dahliae VdLs.17]_EGY21687.1	VSEPF	SCASR	.....CIEFP	TL....VLAKT	WNTGIL.MK.....DSCGYI
[Melampsora]	WDQWN	SVRRQN	ILMDRSRRGSKNATQSL	....QTLD	AEKNLMEIDWKGLEIDLPLTNLQ
[Cryptococcus gattii]	WAQ	....SYRAQ	ALNAN....G	INTSLPE....YWL	APDLTNPSDEWSDVEVTVPLDTRQ
[Fusarium vanettenii 77-13-4]_XP_003048915.1	WMHK	KSTSG	LTLDRVE....TAEAF	.....PPT	EGGPD.....PLCDVA
[Geobacillus sp. WSUCF1]_EPR29489.1_2Z5G	....K	CCCR	.....	.....	.....IM
[Trichoderma gracile]_KAH0498535.1	WPRH	HGPR	.....	.....	.....LS
[Trichoderma semiorbis]_KAH0532554.1	WPHW	RGTR	.....	.....	.....LP
[Trichoderma virens FT-333]_UKZ73321.1	WRHW	RSSR	.....	.....	.....LR
[Trichoderma lentiforme]_KAF3077685.1	WPHW	RGTR	.....	.....	.....LP
[Trichoderma simmonsii]_QYS94233.1	WPHW	RGTR	.....	.....	.....LP
[Trichoderma guizhouense]_OPB43634.1	WPHW	RGTR	.....	.....	.....LP
[Trichoderma harzianum]_ThaL	WPHW	RGTR	.....	.....	.....LP
[Trichoderma harzianum]_KKO99473.1	WPHW	RGTR	.....	.....	.....LP
[Trichoderma arundinaceum]_RFU75476.1	WHTY	RGPR	.....	.....	.....LS
[Trichoderma asperellum CBS_433.97]_XP_0247565	WLLH	RGPR	.....	.....	.....LS
[Trichoderma asperelloides]_KAH8131048.1	WLLH	RGPC	.....	.....	.....LS

	160	170	180	190	200
[Candida albicans]_ADP21191.1	..KSTFT	IGKSGQAVLNS	....IR	AA	LKSGKITNIKDDAKVVMWGYSGGSL
[Parastagonospora nodorum SN15]_XP_001800960.1	NVQ	.....RPSGT	....K	ADAKLP	....VLF.....WIFGGGFE
[Talaromyces cellulolyticus]_GAM42581.1	AT	ASNFNS	QPGALIKLQQLNETT	LN	IPPGTSFFL....MQYTSVGLNGSLV
[Fusarium oxysporum]_ABR12479.1	ATD	.....	SARKEIV	.....VSFRGS	IN..IRNW...
[Verticillium dahliae VdLs.17]_EGY21687.1	AVDH	GV	RPD.....TKEDER	DLGGKAI	.....IAFRG
[Melampsora]	TL	I.....	SLAKMT	TNN	AYTIP.....NDR
[Cryptococcus gattii]	TVL	.....	ALAKMT	SN	AYVTP.....GGAGWY
[Fusarium vanettenii 77-13-4]_XP_003048915.1	YYA	.....	RRVG	LDVE	TFEVQ.....TEDG
[Geobacillus sp. WSUCF1]_EPR29489.1_2Z5G	FVL	.....	LGL	.....	.....WFV
[Trichoderma gracile]_KAH0498535.1	RS	L.....	PNL	.....R	.....SR
[Trichoderma semiorbis]_KAH0532554.1	RS	L.....	LSL	.....Q	.....P
[Trichoderma virens FT-333]_UKZ73321.1	AS	L.....	LN	.....R	.....S
[Trichoderma lentiforme]_KAF3077685.1	RS	L.....	LKL	.....Q	.....P
[Trichoderma simmonsii]_QYS94233.1	RS	L.....	LSL	.....Q	.....P
[Trichoderma guizhouense]_OPB43634.1	RS	L.....	LSL	.....Q	.....P
[Trichoderma harzianum]_ThaL	RS	L.....	LSL	.....Q	.....P
[Trichoderma harzianum]_KKO99473.1	RS	L.....	LSL	.....Q	.....P
[Trichoderma arundinaceum]_RFU75476.1	RS	L.....	PNL	.....R	.....P
[Trichoderma asperellum CBS_433.97]_XP_0247565	RPP	.....	PNL	.....R	.....S
[Trichoderma asperelloides]_KAH8131048.1	PS	L.....	PNL	.....R	.....S

	210	220	230
[Candida albicans]_ADP21191.1	LQPSY	.....	AP
[Parastagonospora nodorum SN15]_XP_001800960.1	DGTS	L.....	VA
[Talaromyces cellulolyticus]_GAM42581.1	VALPF	.....	SAN
[Fusarium oxysporum]_ABR12479.1	.....	.....	LTN
[Verticillium dahliae VdLs.17]_EGY21687.1	.....	.....	VVDL
[Melampsora]	DSFGW	.....	EE
[Cryptococcus gattii]	TPFGW	.....	EPD
[Fusarium vanettenii 77-13-4]_XP_003048915.1	DPKEY	TELDGS	TR
[Geobacillus sp. WSUCF1]_EPR29489.1_2Z5G	STGK	PLDDSHDPRIRDLGRQIL	DDYATIRE
[Trichoderma gracile]_KAH0498535.1	STAK	PL.....RHDPRIRDLGRLIH	DDYATIRE
[Trichoderma semiorbis]_KAH0532554.1	STAR	PLSSSGHDPRIRDLGRRIH	DDYATIRE
[Trichoderma virens FT-333]_UKZ73321.1	STAK	PLSSSHDPRIRDLGRLIH	DDYATIRE
[Trichoderma lentiforme]_KAF3077685.1	STTK	PL.....RHDPRIRDLGRLIH	DDYATIRE
[Trichoderma simmonsii]_QYS94233.1	STAK	PL.....RHDPRIRDLGRLIH	DDYATIRE
[Trichoderma guizhouense]_OPB43634.1	STAK	PL.....RHDPRIRDLGRLIH	DDYATIRE
[Trichoderma harzianum]_ThaL	STAK	PL.....RHDPRIRDLGRLIH	DDYATIRE
[Trichoderma harzianum]_KKO99473.1	STAK	PVLRPSNDPRIRDLGRRIH	DDYATIRE
[Trichoderma arundinaceum]_RFU75476.1	STAK	PHLKSSHDPRIRDLGRRIH	DEYATIRE
[Trichoderma asperellum CBS_433.97]_XP_0247565	STAK	PHLKSNHDPRIRDLGRRIH	DEYATIRE
[Trichoderma asperelloides]_KAH8131048.1	STAK	PHLKSNHDPRIRDLGRRIH	DEYATIRE

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[Trichoderma harzianum] KKO99473.1  
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[Trichoderma harzianum] KKO99473.1  
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[Trichoderma harzianum] KKO99473.1  
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[Trichoderma simmonsii] QYS94233.1  
[Trichoderma guizhouense] OPB43634.1  
[Trichoderma harzianum] Thal  
[Trichoderma harzianum] KKO99473.1  
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[Trichoderma asperelloides] KAH8131048.1



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[Candida albicans]_ADP21191.1	.....KNPKIKGV.....	.....FSTVFFDQAT.....TAQIDSLVG.....	.....YQTITE...DGSPFR
[Parastagonospora nodorum SN15]_XP_001800960.1	LYDILTANPNSSGYWP.....	.....FVSNQA.....	.....MVKNIFDELPPFL
[Talaromyces cellulolyticus]_GAM42581.1	PVDIYTYGSPRVGNVQLSA.....	.....GGEYRVTHADDPVPL	.....
[Fusarium oxysporum]_ABR12479.1	DLLVTFGEKPKVGNPLCD.....	.....YVDVAVFALDTEAE.AAGAADPEKRVYRRVTHADDPVPL	.....
[Verticillium dahliae VdLs.17]_EGY21687.1	EMSAVT.....	.....HVFHTADPIAMGTCNGVISTCSVA.....	.....GYAMESRCHVGKSI
[Melampsora]	NMTGIT.....	.....HVVYHTADPIAMGVCNGAYSACYAA.....	.....GFAMESKCHTGETIL
[Cryptococcus gattii]	ALAPAAAGPLIKMYFKFMRISPLFRLMF.....	.....GIHA.FIPFMMQMHQL.LDPRV	.....
[Fusarium vanettenii 77-13-4]_XP_003048915.1	VLSVTIATPHDGTTLVNMVDFDTRF.FDLQKAVLEAAAVAS.NV	.....PYTS.....	.....QV
[Geobacillus sp. WSUCF1]_EPR29489.1_2Z5G	VASLVTIATPHRGSFPADYLVDSADAG.S.....	.....PL.HLP.....	.....R.
[Trichoderma gracile]_KAH0498535.1	IASLVTIATPHRGSFPADYLVDSADAG.....	.....PL.HLP.....	.....R.
[Trichoderma semiorbis]_KAH0532554.1	IASLVTIATPHRGSFPADYLVDSADAG.....	.....PL.HLP.....	.....R.
[Trichoderma virens FT-333]_UKZ73321.1	IASLVTIATPHRGSFPADYLVDSADAG.....	.....PL.HLP.....	.....R.
[Trichoderma lentiforme]_KAF3077685.1	IASLVTIATPHRGSFPADYLVDSADAG.....	.....PL.HLP.....	.....R.
[Trichoderma simmonsii]_QYS94233.1	IASLVTIATPHRGSFPADYLVDSADAG.....	.....PL.HLP.....	.....R.
[Trichoderma guizhouense]_OPB43634.1	IASLVTIATPHRGSFPADYLVDSADAG.....	.....PL.HLP.....	.....R.
[Trichoderma harzianum]_ThaL	IASLVTIATPHRGSFPADYLVDSADAG.....	.....PL.HLP.....	.....R.
[Trichoderma harzianum]_KKO99473.1	IASLVTIATPHRGSFPADYLVDSADAG.....	.....PL.HLP.....	.....R.
[Trichoderma arundinaceum]_RFU75476.1	IASLVTIATPHRGSFPADYLVDSADAG.....	.....PL.HLP.....	.....R.
[Trichoderma asperellum CBS_433.97]_XP_0247565	VASLVTIATPHRGSFPADYLVDSADAG.....	.....PI.HLP.....	.....R.
[Trichoderma asperelloides]_KAH8131048.1	VASLVTIATPHRGSFPADYLVDSADAG.....	.....PI.HLP.....	.....Q.

[Candida albicans]_ADP21191.1	.....VEDNGLVYQ.....	.....K.....QLV	PKIPVFIYHG
[Parastagonospora nodorum SN15]_XP_001800960.1	TG.....LLNNWY.....	.....PQFKRVS.AILGDIPTITRRIFLELAS.....	AVNPSPVPSWSYLA
[Talaromyces cellulolyticus]_GAM42581.1	.....PQPNLLTPTALNRTKLISELQCFDGLA.....	.....VLNQDLPWSGLVN	.....
[Fusarium oxysporum]_ABR12479.1	.....P.....	.....PLIFGYRH	.....
[Verticillium dahliae VdLs.17]_EGY21687.1	.....P.....	.....LTEWGYRS	.....
[Melampsora]	YDVTGKL.....	.....NWAVDIRTHSIKTVIENI.LIPDWD..	.....
[Cryptococcus gattii]	YDVTGVK.....	.....GWSVDLRTHRIEDVIDRV.LTDPWPV..	.....
[Fusarium vanettenii 77-13-4]_XP_003048915.1	YGWLGKYKVSFLFDWTD.....	.....RWDRLNRM.....	FQFAPVYVSAE
[Geobacillus sp. WSUCF1]_EPR29489.1_2Z5G	.....YDFKLDQWGL.....	.....RRQPGESFDHY.....	FERLKRSPVWTSTD
[Trichoderma gracile]_KAH0498535.1	.....LYSV.....	.....IRRALGTSFAF.....	GQL.....
[Trichoderma semiorbis]_KAH0532554.1	.....LYGV.....	.....IRRALGTSFAF.....	GQL.....
[Trichoderma virens FT-333]_UKZ73321.1	.....LYGV.....	.....IRRALGTSFAF.....	GQL.....
[Trichoderma lentiforme]_KAF3077685.1	.....LYGV.....	.....IRRALGTSFAF.....	GQL.....
[Trichoderma simmonsii]_QYS94233.1	.....LYGV.....	.....IRRALGTSFAF.....	GQL.....
[Trichoderma guizhouense]_OPB43634.1	.....LYGV.....	.....IRRALGTSFAF.....	GQL.....
[Trichoderma harzianum]_ThaL	.....LYGV.....	.....IRRALGTSFAF.....	GQL.....
[Trichoderma harzianum]_KKO99473.1	.....LYGI.....	.....IRRALGTSFAF.....	GQL.....
[Trichoderma arundinaceum]_RFU75476.1	.....LYGI.....	.....IRRALGTSFAF.....	GQL.....
[Trichoderma asperellum CBS_433.97]_XP_0247565	.....LYGI.....	.....IRRALGTSFAF.....	GQL.....
[Trichoderma asperelloides]_KAH8131048.1	.....LYGI.....	.....IRRALGTSFAF.....	GQL.....

[Candida albicans]_ADP21191.1	SIDQI.....	.....TPILGTFH.....	.....
[Parastagonospora nodorum SN15]_XP_001800960.1	TYDYG.....	.....NAYTAFQNIFFGAATGKKAYKDLLVINSVND...E	.....
[Talaromyces cellulolyticus]_GAM42581.1	MTPAITTQNG.....	.....GGDTVD.....	YTISDVKVC.....
[Fusarium oxysporum]_ABR12479.1	TTPEFWLSGG.....	.....LS.....	PSVEDVVVCR.....
[Verticillium dahliae VdLs.17]_EGY21687.1	HGGEFFITKP.....	.....TPP.....	TCQNK.....
[Melampsora]	.....DDE.....	.....	DGDEG.....
[Cryptococcus gattii]	SMRWLIGR...ECFAKHKCILA...TKDALKAE	EEHMDGATDGRPVTPRTKSAIEAHRKHHPK	.....
[Fusarium vanettenii 77-13-4]_XP_003048915.1	TARYDLVSVSGAEKLNQWVQASPNITYLSFS	TERTYRGALTGNHYPE.....	.....L
[Geobacillus sp. WSUCF1]_EPR29489.1_2Z5G	TTRY.....	MRDEFNRPVDDERVYFSYGA.....	.....
[Trichoderma gracile]_KAH0498535.1	TTRY.....	MREEFNRPVRDDEAVRYFSYGA.....	.....
[Trichoderma semiorbis]_KAH0532554.1	TTRY.....	MRDEFNRPVRDDEAVRYFSYGA.....	.....
[Trichoderma virens FT-333]_UKZ73321.1	TTRY.....	MREEFNRPVRDDEAVRYFSYGA.....	.....
[Trichoderma lentiforme]_KAF3077685.1	TTRY.....	MREEFNRPVRDDEAVRYFSYGA.....	.....
[Trichoderma simmonsii]_QYS94233.1	TTRY.....	MREEFNRPVRDDEAVRYFSYGA.....	.....
[Trichoderma guizhouense]_OPB43634.1	TTRY.....	MREEFNRPVRDDEAVRYFSYGA.....	.....
[Trichoderma harzianum]_ThaL	TTRY.....	MREEFNRPVRDDEAVRYFSYGA.....	.....
[Trichoderma harzianum]_KKO99473.1	TTRY.....	MREEFNRPVRDDEAVRYFSYGA.....	.....
[Trichoderma arundinaceum]_RFU75476.1	TTRY.....	MREEFNRPVRDDEAVRYFSYGA.....	.....
[Trichoderma asperellum CBS_433.97]_XP_0247565	TTRY.....	MREEFNRPVRDDEAVRYFSYGA.....	.....
[Trichoderma asperelloides]_KAH8131048.1	TTRY.....	MREEFNRPVRDDEAVRYFSYGA.....	.....

[Candida albicans]_ADP21191.1	.....VPVDTKKTYQNWCDAGISL	EFADASNGHLTEAIMGAPAAALT	.....
[Parastagonospora nodorum SN15]_XP_001800960.1	.....T.....	IVVNATLKAWNTSSSGNNIHLSLYT.....	.....
[Talaromyces cellulolyticus]_GAM42581.1	.....	GAANLNCNGGT.LGLDIA.....	.....
[Fusarium oxysporum]_ABR12479.1	.....	GASDDQCIAGQDVEVEQVEAVADEVVQ.....	.....QEEEE
[Verticillium dahliae VdLs.17]_EGY21687.1	.....	.....SI.....	FALRWPWGKHE.
[Melampsora]	GSGIWQKIAGK.....WYKC.....	ANRVWPERDELFF..SSQDDD.....	VEAWWGKKRRG.
[Cryptococcus gattii]	GSTAWYNEQAPP.....AFW..VC	GNLNV..DG.....	EKLLRFEKGR.
[Fusarium vanettenii 77-13-4]_XP_003048915.1	GMNAFSAVVCAPFLGSYRNPTLGTDDRWL	ENDGIV..NT.....	VSMNG.PKRGSS
[Geobacillus sp. WSUCF1]_EPR29489.1_2Z5G	.....	MIDEPSLLGAFRVPYGVWKEKE	ENDGLV..SV..RSSRW...GEY
[Trichoderma gracile]_KAH0498535.1	.....	AIDEPPLLAGFRLPHGVVDKREG	ENDGLV..FG.....FDQLV...ESR
[Trichoderma semiorbis]_KAH0532554.1	.....	AIDEPSLLGAFRRLPHNVVDRREG	ENDGLV..SV.....ESSRW...GMY
[Trichoderma virens FT-333]_UKZ73321.1	.....	AIDEPSLLGAFRRLPHGVVDKREG	ENDGLV..SV.....KSSRW...GVY
[Trichoderma lentiforme]_KAF3077685.1	.....	AIDEPSLLGAFRRLPHGVVDKREG	ENDGLV..SV.....KSSRW...GVY
[Trichoderma simmonsii]_QYS94233.1	.....	AIDEPSLLGAFRRLPHGVVDKREG	ENDGLV..SV.....KSSRW...GVY
[Trichoderma guizhouense]_OPB43634.1	.....	AIDEPSLLGAFRRLPHGVVDKREG	ENDGLV..SV.....KSSRW...GVY
[Trichoderma harzianum]_ThaL	.....	AIDEPSLLGAFRRLPHGVVDKREG	ENDGLV..SV.....KSSRW...GVY
[Trichoderma harzianum]_KKO99473.1	.....	AIDEPSLLGAFRRLPHGVVDKREG	ENDGLV..SV.....KSSRW...GVY
[Trichoderma arundinaceum]_RFU75476.1	.....	AIDEPSLLGAFRRLPHGVVDKREG	ENDGLV..SV.....KSSRW...GVY
[Trichoderma asperellum CBS_433.97]_XP_0247565	.....	AIDEPSLLGAFRRLPHGVVDKREG	ENDGLV..SV.....KSSRW...GVY
[Trichoderma asperelloides]_KAH8131048.1	.....	AIDEPSLLGAFRRLPHGVVDKREG	ENDGLV..SV.....KSSRW...GVY

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	390	400	410	420	430
[Candida albicans]_ADP21191.1	WIIDRF	GKQT	.....VSGCQ	HT	QRFNSNLEYPNIPSSIANFYKAAAMD...
[Parastagonospora nodorum SN15]_XP_001800960.1	.....GVL	LPNN	.....AAKSIRG	YY	SFIYELDPNKGNNLDDWPQWSQSKLL
[Talaromyces cellulolyticus]_GAM42581.1	.....GGL	.....	.....SHT	.....	QSFPAS...SPEWLQWLDN..QF
[Fusarium oxysporum]_ABR12479.1	.....	.....	.....	.....	.....AHLHYF
[Verticillium dahliae VdLs.17]_EGY21687.1	EQEERLA	GAVEGT	.....AP.QERR	WV	.....KRFPSVPAKFKLWQLFFAHRDYF
[Melampsora]	NGTEPCE	G...NKP	.....KNSIPEASVQECEE	G	.....
[Cryptococcus gattii]	RKKEREG	K...EDPEWEKHGGVP	KAISEED	CV	.....DCY
[Fusarium vanettenii 77-13-4]_XP_003048915.1	.....EPFVD	VVH	.....SKTIPEYE	HL	.....DVI
[Geobacillus sp. WSUCF1]_EPR29489.1_2Z5G	DRIVPYD	GTLKKGVWN	.....DMGTYNVD	HL	.....EII
[Trichoderma gracile]_KAH0498535.1	.....KGT	L.....	.....VGVS	HL	.....DLI
[Trichoderma semiorbis]_KAH0532554.1	.....EVD	GEG	.....VDGHEE	.....	.....DV
[Trichoderma virens FT-333]_UKZ73321.1	.....KGT	L.....	.....MGVS	HL	.....DLI
[Trichoderma lentiforme]_KAF3077685.1	.....KGT	L.....	.....MGVS	HL	.....DLI
[Trichoderma simmonsii]_QYS94233.1	.....KGT	L.....	.....MGVS	HL	.....DLI
[Trichoderma guizhouense]_OPB43634.1	.....KGT	L.....	.....MGVS	HL	.....DLI
[Trichoderma harzianum]_ThaL	.....KGT	L.....	.....MGVS	HL	.....DLI
[Trichoderma harzianum]_KKO99473.1	.....KGT	L.....	.....MGVS	HL	.....DLI
[Trichoderma arundinaceum]_RFU75476.1	.....KGT	L.....	.....MGVS	HL	.....DLI
[Trichoderma asperellum CBS_433.97]_XP_0247565	.....QGT	L.....	.....MGVS	HL	.....DLI
[Trichoderma asperelloides]_KAH8131048.1	.....QGT	L.....	.....MGVS	HL	.....DLI

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	440	450	460
[Candida albicans]_ADP21191.1	....VVL	LLGLGPDVQKDQVNPEGIKKLGS	.....IEMRWL.....
[Parastagonospora nodorum SN15]_XP_001800960.1	NF	.....GANRNSLLDDN	...FRKDTEDWLKVNMF...
[Talaromyces cellulolyticus]_GAM42581.1	KSGGT	VNATGCSISTATPLISPIGIVSNG	.....
[Fusarium oxysporum]_ABR12479.1	QATDAC	NAGGF..S.WRRYRSAESVDK	SRATMTDAELEKKLNSYVQMDK
[Verticillium dahliae VdLs.17]_EGY21687.1	WRIGLC	VPGGDPAN.WGREKYPDGG	...GGDDARLEEL.....
[Melampsora]	K.....	.....	WEFKD
[Cryptococcus gattii]	K.....	.....	WEFG
[Fusarium vanettenii 77-13-4]_XP_003048915.1	WAMDA	.....VDQVFKEVREVLWKT	C.DVRDICRVPEGC
[Geobacillus sp. WSUCF1]_EPR29489.1_2Z5G	GVDP	.....	.....NPS
[Trichoderma gracile]_KAH0498535.1	N.....	.....	.....
[Trichoderma semiorbis]_KAH0532554.1	NWSNR	.....	ARWTVR
[Trichoderma virens FT-333]_UKZ73321.1	NWSNR	.....	ARWTVR
[Trichoderma lentiforme]_KAF3077685.1	NWSNR	.....	ARWTVR
[Trichoderma simmonsii]_QYS94233.1	NWSNR	.....	ARWTVR
[Trichoderma guizhouense]_OPB43634.1	NWSNR	.....	ARWTVR
[Trichoderma harzianum]_ThaL	NWSNR	.....	ARWTVR
[Trichoderma harzianum]_KKO99473.1	NWSNR	.....	ARWTVR
[Trichoderma arundinaceum]_RFU75476.1	NWSNR	.....	AAWTMR
[Trichoderma asperellum CBS_433.97]_XP_0247565	NWSNR	.....	AAWTMR
[Trichoderma asperelloides]_KAH8131048.1	NWSNR	.....	AAWTMR

[Candida albicans]_ADP21191.1	.....
[Parastagonospora nodorum SN15]_XP_001800960.1	.....
[Talaromyces cellulolyticus]_GAM42581.1	.....
[Fusarium oxysporum]_ABR12479.1	.....
[Verticillium dahliae VdLs.17]_EGY21687.1	.....
[Melampsora]	.....
[Cryptococcus gattii]	.....
[Fusarium vanettenii 77-13-4]_XP_003048915.1	EHVEPRKPKVSVVAEDVIDETQSSSSSGEN
[Geobacillus sp. WSUCF1]_EPR29489.1_2Z5G	..FDIRAFYLRRLAEQLASLQP.....
[Trichoderma gracile]_KAH0498535.1	.....
[Trichoderma semiorbis]_KAH0532554.1	.....
[Trichoderma virens FT-333]_UKZ73321.1	..FNAVAFYLDVVDMLAKEGL.....
[Trichoderma lentiforme]_KAF3077685.1	..FNAVAFYLDVADMLAKEGL.....
[Trichoderma simmonsii]_QYS94233.1	..FNAVAFYLDVADMLAKEGL.....
[Trichoderma guizhouense]_OPB43634.1	..FNAVAFYLDVADMLAKEGL.....
[Trichoderma harzianum]_ThaL	..FNAVAFYLDVADMLAKEGL.....
[Trichoderma harzianum]_KKO99473.1	..FNAVAFYLDVADMLAKEGL.....
[Trichoderma arundinaceum]_RFU75476.1	..FNAVAFYLDVADMLAKEGL.....
[Trichoderma asperellum CBS_433.97]_XP_0247565	..FNAVAFYLDVADMLAKEGL.....
[Trichoderma asperelloides]_KAH8131048.1	..FNAVAFYLDVADMLAKEGL.....