

tr	A0AAD6Z265	A0AAD6Z265_9AGAR	
tr	A0A0D0C548	A0A0D0C548_9AGAR	
tr	A0A0D0CDA3	A0A0D0CDA3_9AGAR	
tr	J4H3V5|J4H3V5_9APHY		
tr	A0A5C3N3C0	A0A5C3N3C0_9AGAM	
tr	W4KGP9|W4KGP9_HETIT		
tr	A0A4V3XGG2	A0A4V3XGG2_9AGAM	
tr	A0A2H3CLV3	A0A2H3CLV3_ARMGA	
tr	A0AA39MHX1	A0AA39MHX1_9AGAR	
tr	A0A284S0F8	A0A284S0F8_ARMOS	
tr	A0A2H3AST0	A0A2H3AST0_9AGAR	
tr	A0AA39NST8	A0AA39NST8_9AGAR	
tr	A0AA39MDX0	A0AA39MDX0_9AGAR	
tr	A0AA39JIE7	A0AA39JIE7_ARMTA	
tr	A0A2H3CM01	A0A2H3CM01_ARMGA	
tr	A0A2H3CRN5	A0A2H3CRN5_ARMGA	
tr	A0AA39MG27	A0AA39MG27_9AGAR	
tr	A0A284S0E6	A0A284S0E6_ARMOS	
tr	A0A2H3ASU1	A0A2H3ASU1_9AGAR	
tr	A0AA39J370	A0AA39J370_9AGAR	
tr	A0AA39MFN3	A0AA39MFN3_9AGAR	
tr	A0A284SBE2	A0A284SBE2_ARMOS	
tr	A0A284SBE9	A0A284SBE9_ARMOS	
tr	A0A369JRG4	A0A369JRG4_HYPMA	
tr	A0A8H4QKS9	A0A8H4QKS9_9AGAR	
tr	A0A8S0VRF0	A0A8S0VRF0_CYCAE	
tr	A0A165SB06	A0A165SB06_9AGAM	
tr	D8PLD0|D8PLD0_SCHCM		
sp	O74300|SC6_SCHCO		
tr	A0A9P5PEB9	A0A9P5PEB9_9AGAR	
tr	A0A409X9U2	A0A409X9U2_PSICY	
tr	A0A9P8AXH7	A0A9P8AXH7_9AGAR	
tr	A0A8H5HJ20	A0A8H5HJ20_9AGAR	
tr	A0A4Y7SH30	A0A4Y7SH30_COPMI	
tr	A8NVT0|A8NVT0_COPC7		
tr	A0AA39PT22	A0AA39PT22_9AGAR	
tr	A0A0H2SDR2	A0A0H2SDR2_9AGAM	
tr	A0A0H2RCN5	A0A0H2RCN5_9AGAM	
tr	A0A5M3N543	A0A5M3N543_CONPW	
tr	A0A0C9W5V3	A0A0C9W5V3_SPHS4	
tr	A0A409WBU2	A0A409WBU2_9AGAR	
tr	A0A4Y7SGG8	A0A4Y7SGG8_COPMI	
tr	A0A4Y7SN80	A0A4Y7SN80_COPMI	
tr	A0A1C7MKD9	A0A1C7MKD9_GRIFR	MHGT
tr	A0A0C3PUW2	A0A0C3PUW2_PHLG1	
tr	A0A8H5LRI0	A0A8H5LRI0_9AGAR	
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tr	A0A0W0FD42	A0A0W0FD42_MONRR	
tr	V2X426 V2X426_MONRO		
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tr	A0A8S0WFB7	A0A8S0WFB7_CYCAE	
tr	A0A9W8N0S2	A0A9W8N0S2_9AGAR	
tr	A0A9P6E978	A0A9P6E978_9AGAR	
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tr	A0A9P6E9F9	A0A9P6E9F9_9AGAR	
tr	A0A137VQ9	A0A137VQ9_9AGAR	
tr	A0A8H5FSA3	A0A8H5FSA3_9AGAR	MVQKA
tr	A0A9P6C2G2	A0A9P6C2G2_9AGAR	
tr	A0AAD5YWI2	A0AAD5YWI2_9AGAR	
tr	A0A8S0XPJ5	A0A8S0XPJ5_CYCAE	
tr	A0A9W8N0X7	A0A9W8N0X7_9AGAR	
tr	A0A8H5F853	A0A8H5F853_9AGAR	
tr	A0A8H5F0B7	A0A8H5F0B7_9AGAR	
tr	A0A0D2NF10	A0A0D2NF10_HYPSF	
tr	A0A9P5YZS9	A0A9P5YZS9_9AGAR	
tr	A0A9P5Z096	A0A9P5Z096_9AGAR	
tr	A0A9P8KYJ7	A0A9P8KYJ7_9HYPO	
tr	A0A5P8PBG9	A0A5P8PBG9_9HYPO	
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tr	A0A7D5AU90	A0A7D5AU90_9HYPO	
tr	N1PH52 N1PH52_DOTSN		
tr	A0A0C2EW62	A0A0C2EW62_9PEZI	
tr	A0A2G5HAF4	A0A2G5HAF4_CERBT	
tr	F9XMQ8|F9XMQ8_ZYMTI		
tr	A0AAD4HKV4	A0AAD4HKV4_9AGAM	
tr	A0A8I2YKL8	A0A8I2YKL8_9AGAM	
tr	A0A2R6NS81	A0A2R6NS81_9APHY	
tr	K5VYC8 K5VYC8_PHACS		
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tr	A0A0K6GHI2	A0A0K6GHI2_9AGAM	
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tr	A0A8H2WMS4	A0A8H2WMS4_9AGAM	
tr	M5BU78 M5BU78_THACB		
tr	A0A8H3CAA9	A0A8H3CAA9_9AGAM	
tr	A0A8H3ANE1	A0A8H3ANE1_9AGAM	
tr	A0A8H8NNI8	A0A8H8NNI8_9AGAM	
tr	A0A4T0P7F5	A0A4T0P7F5_9BASI	
tr	A0A166F6P8	A0A166F6P8_9AGAM	
tr	A0A5E3WQC8	A0A5E3WQC8_9AGAM	
tr	A0A5E3X438	A0A5E3X438_9AGAM	
tr	A0A5E3WUH3	A0A5E3WUH3_9AGAM	
tr	G4T531|G4T531_SERID		
tr	A0A0C2XKC5	A0A0C2XKC5_SERVB	
tr	G4TML3|G4TML3_SERID		
tr	A0AAD4LXK9	A0AAD4LXK9_9AGAM	
tr	A0A8K0XK66	A0A8K0XK66_9AGAR	
tr	A0A316Z0U7	A0A316Z0U7_9BASI	
tr	A0A316VAT0	A0A316VAT0_9BASI	
tr	A0A9W8MT54	A0A9W8MT54_9AGAR	
tr	A0A137QWX9	A0A137QWX9_9AGAR	MVITGNGDKKWSRVLGTRLYSNIIITVVADHRLALEFKYPAGAEDILDAIKWAVTHPADL
tr	A0A165NY92	A0A165NY92_9APHY	MRT

tr	A0A4R0RLA3	A0A4R0RLA3_9APHY	
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tr	A0A8H5MD99	A0A8H5MD99_9AGAR	
tr	A0A0F4YG29	A0A0F4YG29_TALEM	
tr	A0A0U5GNN7	A0A0U5GNN7_ASPCI	
tr	A0A1R3RIL6	A0A1R3RIL6_ASPC5	
tr	A0A395H201	A0A395H201_9EURO	
tr	A0AAD5YR10	A0AAD5YR10_9AGAR	
tr	A0A8H5BJC3	A0A8H5BJC3_9AGAR	
tr	A0A0W0GEQ8	A0A0W0GEQ8_MONRR	
tr	A0AAD6SDH4	A0AAD6SDH4_9AGAR	
tr	A0AAD7DI93	A0AAD7DI93_MYCRO	
tr	A0A4S4LV58	A0A4S4LV58_9AGAM	
tr	W4JT48|W4JT48	HETIT	
tr	A0AAD4LT59	A0AAD4LT59_9AGAM	
tr	A0A401GU04	A0A401GU04_9APHY	
tr	R7S187|R7S187	PUNST	
tr	A0A067SDJ9	A0A067SDJ9_GALM3	
tr	A0A0C2SS39	A0A0C2SS39_AMAMK	
tr	A0A9W9ATQ1	A0A9W9ATQ1_9AGAR	
tr	A0A2P2HCE6	A0A2P2HCE6_ASPPA	
tr	A0A3N4KVN0	A0A3N4KVN0_9PEZI	
tr	A0A3M2TGY8	A0A3M2TGY8_9EURO	
tr	A0A8H4MFK6	A0A8H4MFK6_9EURO	
tr	A0A9P4Y6D6	A0A9P4Y6D6_CRYPA	
tr	Q0CIJ2|Q0CIJ2	ASPTN	
tr	A0A5M3Z630	A0A5M3Z630_ASPTN	
tr	A0A9P7KWI2	A0A9P7KWI2_9HYPO	MW...PQGL
tr	A0A1L7THC5	A0A1L7THC5_FUSMA	M
tr	A0A9Q9R8P4	A0A9Q9R8P4_GIBFU	M
tr	S0DQB3|S0DQB3	GIBF5	M
tr	A0A1M2VN03	A0A1M2VN03_TRAPU	
tr	A0A5C2S0C7	A0A5C2S0C7_9APHY	
tr	A0A4P9X324	A0A4P9X324_9FUNG	M
tr	A0A4P9X8A1	A0A4P9X8A1_9FUNG	

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tr	W4KGP9 W4KGP9_HETIT		
tr	A0A4V3XGG2	A0A4V3XGG2_9AGAM	
tr	A0A2H3CLV3	A0A2H3CLV3_ARMGA	
tr	A0AA39MHX1	A0AA39MHX1_9AGAR	
tr	A0A284S0F8	A0A284S0F8_ARMOS	
tr	A0A2H3AST0	A0A2H3AST0_9AGAR	
tr	A0AA39NST8	A0AA39NST8_9AGAR	
tr	A0AA39MDX0	A0AA39MDX0_9AGAR	
tr	A0AA39JIE7	A0AA39JIE7_ARMTA	
tr	A0A2H3CM01	A0A2H3CM01_ARMGA	
tr	A0A2H3CRN5	A0A2H3CRN5_ARMGA	
tr	A0AA39MG27	A0AA39MG27_9AGAR	
tr	A0A284S0E6	A0A284S0E6_ARMOS	
tr	A0A2H3ASU1	A0A2H3ASU1_9AGAR	
tr	A0AA39J370	A0AA39J370_9AGAR	
tr	A0AA39MFN3	A0AA39MFN3_9AGAR	
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tr	A0A165SB06	A0A165SB06_9AGAM	MSHYITARRVLDSPVKKN
tr	D8PLD0 D8PLD0_SCHCM		
sp	O74300|SC6_SCHCO		
tr	A0A9P5PEB9	A0A9P5PEB9_9AGAR	
tr	A0A409X9U2	A0A409X9U2_PSICY	
tr	A0A9P8AXH7	A0A9P8AXH7_9AGAR	MMASIKQKGK
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tr	A0A4Y7SH30	A0A4Y7SH30_COPMI	
tr	A8NVT0 A8NVT0_COPC7		MAAKLVDMGAGENVQRANEPQLRRGLWAFRESTA
tr	A0AA39PT22	A0AA39PT22_9AGAR	
tr	A0A0H2SDR2	A0A0H2SDR2_9AGAM	
tr	A0A0H2RCN5	A0A0H2RCN5_9AGAM	
tr	A0A5M3N543	A0A5M3N543_CONPW	
tr	A0A0C9W5V3	A0A0C9W5V3_SPHS4	
tr	A0A409WBU2	A0A409WBU2_9AGAR	MNSPFTFS
tr	A0A4Y7SGG8	A0A4Y7SGG8_COPMI	
tr	A0A4Y7SN80	A0A4Y7SN80_COPMI	
tr	A0A1C7MKD9	A0A1C7MKD9_GRIFR	R
tr	A0A0C3PUW2	A0A0C3PUW2_PHLG1	IRSTTHANGA.DPTASASSLRRSLVGRRR.QGGRKPLPGL
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tr	A0AAD7X4P7	A0AAD7X4P7_9APHY	IEPSSPSIIKSSEYQTLFLKAETSEHLAGG.AARLG
tr	A0A0W0FD42	A0A0W0FD42_MONRR	V.NGV TASFHAPQLSDPLPT
tr	V2X426|V2X426_MONRO		
tr	D8Q768|D8Q768_SCHCM		
tr	A0AA39QHGO	A0AA39QHGO_9AGAR	LPTRYKSPSP
tr	A0A8S0WFB7	A0A8S0WFB7_CYCAE	
tr	A0A9W8N0S2	A0A9W8N0S2_9AGAR	
tr	A0A9P6E978	A0A9P6E978_9AGAR	
tr	A0A9P6E998	A0A9P6E998_9AGAR	
tr	A0A9P6E9F9	A0A9P6E9F9_9AGAR	
tr	A0A137VQV9	A0A137VQV9_9AGAR	
tr	A0A8H5FSA3	A0A8H5FSA3_9AGAR	IGQHHSEEQ
tr	A0A9P6C2G2	A0A9P6C2G2_9AGAR	
tr	A0AAD5YWI2	A0AAD5YWI2_9AGAR	
tr	A0A8S0XPJ5	A0A8S0XPJ5_CYCAE	
tr	A0A9W8N0X7	A0A9W8N0X7_9AGAR	
tr	A0A8H5F853	A0A8H5F853_9AGAR	
tr	A0A8H5F0B7	A0A8H5F0B7_9AGAR	
tr	A0A0D2NF10	A0A0D2NF10_HYPSF	
tr	A0A9P5YZS9	A0A9P5YZS9_9AGAR	
tr	A0A9P5Z096	A0A9P5Z096_9AGAR	
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tr	A0A7D5AU90	A0A7D5AU90_9HYPO	
tr	N1PH52 N1PH52_DOTSN		
tr	A0A0C2EW62	A0A0C2EW62_9PEZI	
tr	A0A2G5HAF4	A0A2G5HAF4_CERBT	
tr	F9XMQ8|F9XMQ8_ZYMTI		
tr	A0AAD4HKV4	A0AAD4HKV4_9AGAM	
tr	A0A8I2YKL8	A0A8I2YKL8_9AGAM	
tr	A0A2R6NS81	A0A2R6NS81_9APHY	M.QRG
tr	K5VYC8|K5VYC8_PHACS		SNHM.NFAK
tr	A0A8H3EEN7	A0A8H3EEN7_9AGAM	MFRS
tr	A0A0K6GHI2	A0A0K6GHI2_9AGAM	
tr	A0A8H3GSJ0	A0A8H3GSJ0_9AGAM	
tr	A0A8H2WG40	A0A8H2WG40_9AGAM	
tr	A0A8H2WMS4	A0A8H2WMS4_9AGAM	
tr	M5BU78|M5BU78_THACB		
tr	A0A8H3CAA9	A0A8H3CAA9_9AGAM	
tr	A0A8H3ANE1	A0A8H3ANE1_9AGAM	
tr	A0A8H8NNI8	A0A8H8NNI8_9AGAM	
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tr	A0A166F6P8	A0A166F6P8_9AGAM	
tr	A0A5E3WQC8	A0A5E3WQC8_9AGAM	
tr	A0A5E3X438	A0A5E3X438_9AGAM	
tr	A0A5E3WUH3	A0A5E3WUH3_9AGAM	
tr	G4T531|G4T531_SERID		M
tr	A0A0C2XKC5	A0A0C2XKC5_SERVB	LALP
tr	G4TML3|G4TML3_SERID		
tr	A0AAD4LXK9	A0AAD4LXK9_9AGAM	
tr	A0A8K0XK66	A0A8K0XK66_9AGAR	
tr	A0A316Z0U7	A0A316Z0U7_9BASI	
tr	A0A316VAT0	A0A316VAT0_9BASI	
tr	A0A9W8MT54	A0A9W8MT54_9AGAR	M
tr	A0A137QWX9	A0A137QWX9_9AGAR	ISYQ
tr	A0A165NY92	A0A165NY92_9APHY	V.SGFLTILVGGEFL.KNVKETDEHQCP.KRQ
			QQKT.RSFK
			P.QSQ
			T.RVTR

tr	A0A4R0RLA3	A0A4R0RLA3_9APHY	.....
tr	A0A8H5HZH8	A0A8H5HZH8_9AGAR	.....
tr	A0A8H5MD99	A0A8H5MD99_9AGAR	.....
tr	A0A0F4YG29	A0A0F4YG29_TALEM	.....MHISPSYL...F.....IAFL
tr	A0A0U5GNN7	A0A0U5GNN7_ASPCI	.....
tr	A0A1R3RIL6	A0A1R3RIL6_ASPC5	.....
tr	A0A395H201	A0A395H201_9EURO	.....
tr	A0AAD5YR10	A0AAD5YR10_9AGAR	.....
tr	A0A8H5BJC3	A0A8H5BJC3_9AGAR	.....
tr	A0A0W0GEQ8	A0A0W0GEQ8_MONRR	.....
tr	A0AAD6SDH4	A0AAD6SDH4_9AGAR	.....
tr	A0AAD7DI93	A0AAD7DI93_MYCRO	.....
tr	A0A4S4LV58	A0A4S4LV58_9AGAM	.....
tr	W4JT48|W4JT48	W4JT48_HETIT	.....
tr	A0AAD4LT59	A0AAD4LT59_9AGAM	.....
tr	A0A401GU04	A0A401GU04_9APHY	.....
tr	R7S187|R7S187	R7S187_PUNST	.....
tr	A0A067SDJ9	A0A067SDJ9_GALM3	.....
tr	A0A0C2SS39	A0A0C2SS39_AMAMK	.....
tr	A0A9W9ATQ1	A0A9W9ATQ1_9AGAR
tr	A0A2P2HCE6	A0A2P2HCE6_ASPPAMEPPTYW...I.....PVIV
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tr	A0A3M2TGY8	A0A3M2TGY8_9EURO
tr	A0A8H4MFK6	A0A8H4MFK6_9EUROMEYYYYQ...L.....HPHY
tr	A0A9P4Y6D6	A0A9P4Y6D6_CRYPA	.....
tr	Q0CIJ2|Q0CIJ2	Q0CIJ2_ASPTN	.....
tr	A0A5M3Z630	A0A5M3Z630_ASPTN	.....
tr	A0A9P7KWI2	A0A9P7KWI2_9HYPO	F.KGTISYKKSIRYW...H.....TKHF
tr	A0A1L7THC5	A0A1L7THC5_FUSMA	I.EKSVEIEDEFGYI...R.....LSSF
tr	A0A9Q9R8P4	A0A9Q9R8P4_GIBFU	I.EKSVEIKDEFGYI...R.....LSSF
tr	S0DQB3|S0DQB3	S0DQB3_GIBF5	I.EKSVEIKDEFGYI...R.....LSSF
tr	A0A1M2VN03	A0A1M2VN03_TRAPU	.....
tr	A0A5C2S0C7	A0A5C2S0C7_9APHY	.....
tr	A0A4P9X324	A0A4P9X324_9FUNG	A.DG.....
tr	A0A4P9X8A1	A0A4P9X8A1_9FUNG	.....

tr	A0AAD6Z265	A0AAD6Z265_9AGAR	
tr	A0A0D0C548	A0A0D0C548_9AGAR	
tr	A0A0D0CDA3	A0A0D0CDA3_9AGAR	
tr	J4H3V5|J4H3V5_9APHY		PPIRSVTASPLSPTSSVSHN
tr	A0A5C3N3C0	A0A5C3N3C0_9AGAM	
tr	W4KGP9|W4KGP9_HETIT		MV
tr	A0A4V3XGG2	A0A4V3XGG2_9AGAM	ML
tr	A0A2H3CLV3	A0A2H3CLV3_ARMGA	MF
tr	A0AA39MHX1	A0AA39MHX1_9AGAR	MF
tr	A0A284S0F8	A0A284S0F8_ARMOS	MF
tr	A0A2H3AST0	A0A2H3AST0_9AGAR	MF
tr	A0AA39NST8	A0AA39NST8_9AGAR	MF
tr	A0AA39MDX0	A0AA39MDX0_9AGAR	
tr	A0AA39JIE7	A0AA39JIE7_ARMTA	MF
tr	A0A2H3CM01	A0A2H3CM01_ARMGA	MF
tr	A0A2H3CRN5	A0A2H3CRN5_ARMGA	MF
tr	A0AA39MG27	A0AA39MG27_9AGAR	MF
tr	A0A284S0E6	A0A284S0E6_ARMOS	MF
tr	A0A2H3ASU1	A0A2H3ASU1_9AGAR	MF
tr	A0AA39J370	A0AA39J370_9AGAR	MF
tr	A0AA39MFN3	A0AA39MFN3_9AGAR	MF
tr	A0A284SBE2	A0A284SBE2_ARMOS	MF
tr	A0A284SBE9	A0A284SBE9_ARMOS	MF
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tr	A0A8H4QKS9	A0A8H4QKS9_9AGAR	MF
tr	A0A8S0VRF0	A0A8S0VRF0_CYCAE	TR.ITHF.VFSNTLNELPKPPTLSLHSFNMF
tr	A0A165SB06	A0A165SB06_9AGAM	MY
tr	D8PLD0|D8PLD0_SCHCM		MV
sp	O74300|SC6_SCHCO		MV
tr	A0A9P5PEB9	A0A9P5PEB9_9AGAR	
tr	A0A409X9U2	A0A409X9U2_PSI CY	
tr	A0A9P8AXH7	A0A9P8AXH7_9AGAR	IEDSAD.FN.FLLLLRSFEA.FSPKFSFSPSL
tr	A0A8H5HJ20	A0A8H5HJ20_9AGAR	VPISVH.LS.RLLPL.RRRL
tr	A0A4Y7SH30	A0A4Y7SH30_COPMI	
tr	A8NVT0|A8NVT0_COPC7		
tr	A0AA39PT22	A0AA39PT22_9AGAR	
tr	A0A0H2SDR2	A0A0H2SDR2_9AGAM	
tr	A0A0H2RCN5	A0A0H2RCN5_9AGAM	MAQDQQFD.FFEY.AYKLESI.QRELAPIFSQEM.
tr	A0A5M3N543	A0A5M3N543_CONPW	ML
tr	A0A0C9W5V3	A0A0C9W5V3_SPHS4	MF
tr	A0A409WBU2	A0A409WBU2_9AGAR	LQQLRRVWSD.LRNSQKFETTRPFLSRSNREQTEIIGLEEDTSSRIEKKGAL
tr	A0A4Y7SGG8	A0A4Y7SGG8_COPMI	
tr	A0A4Y7SN80	A0A4Y7SN80_COPMI	
tr	A0A1C7MKD9	A0A1C7MKD9_GRIFR	H.VSPHTRVVL.DPTHVRQV.EP.PRPSGNTAQR
tr	A0A0C3PUW2	A0A0C3PUW2_PHLG1	
tr	A0A8H5LRI0	A0A8H5LRI0_9AGAR	SSEIDRKWTTTRSFI.RPVDEQDS.FR.TTTQFYHSRYQL.FSLPLITHKMF
tr	A0AAD7X4P7	A0AAD7X4P7_9APHY	.PPHQPTF.STRLSTNQPSALAFP.PTPTTTAKMMF
tr	A0A0W0FD42	A0A0W0FD42_MONRR	MY
tr	V2X426|V2X426_MONRO		MY
tr	D8Q768|D8Q768_SCHCM		
tr	A0AA39QHGO	A0AA39QHGO_9AGAR	AHSF.SSRTPQFNYPALPSF.AILPYNLLAMF
tr	A0A8S0WFB7	A0A8S0WFB7_CYCAE	MIDF.FS.DLLLVAF.SVRPPLKAMLS
tr	A0A9W8N0S2	A0A9W8N0S2_9AGAR	MF
tr	A0A9P6E978	A0A9P6E978_9AGAR	MF
tr	A0A9P6E998	A0A9P6E998_9AGAR	MVST
tr	A0A9P6E9F9	A0A9P6E9F9_9AGAR	MVST
tr	A0A137QVQ9	A0A137QVQ9_9AGAR	MF
tr	A0A8H5FSA3	A0A8H5FSA3_9AGAR	GVYF.FEQ.AFAIVQL.PNKPPNSFTMF
tr	A0A9P6C2G2	A0A9P6C2G2_9AGAR	MF
tr	A0AAD5YWI2	A0AAD5YWI2_9AGAR	MF
tr	A0A8S0XPJ5	A0A8S0XPJ5_CYCAE	MF
tr	A0A9W8N0X7	A0A9W8N0X7_9AGAR	MS
tr	A0A8H5F853	A0A8H5F853_9AGAR	MI
tr	A0A8H5F0B7	A0A8H5F0B7_9AGAR	MF
tr	A0A0D2NF10	A0A0D2NF10_HYPSF	ML
tr	A0A9P5YZS9	A0A9P5YZS9_9AGAR	MPQ.ANRSFET.FNLPIYISNML
tr	A0A9P5Z096	A0A9P5Z096_9AGAR	MF
tr	A0A9P8KYJ7	A0A9P8KYJ7_9HYPO	
tr	A0A5P8PBG9	A0A5P8PBG9_9HYPO	
tr	A0A7D5AKE8	A0A7D5AKE8_9HYPO	
tr	A0A7D5AU90	A0A7D5AU90_9HYPO	
tr	N1PH52|N1PH52_DOTSN		
tr	A0A0C2EW62	A0A0C2EW62_9PEZI	
tr	A0A2G5HAF4	A0A2G5HAF4_CERBT	
tr	F9XM08|F9XM08_ZYMTI		
tr	A0AAD4HKV4	A0AAD4HKV4_9AGAM	
tr	A0A8I2YKL8	A0A8I2YKL8_9AGAM	
tr	A0A2R6NS81	A0A2R6NS81_9APHY	LS.KRSLMTG.LLAN.RQRATDLQK.IPQHNSPLK.P.LSTLRYSTMF
tr	K5VYC8|K5VYC8_PHACS		LLVVAAEGHHG.HIARRLSHAVDLLN.RPSA.IS.S.LRKHLSVTIS
tr	A0A8H3EEN7	A0A8H3EEN7_9AGAM	MT
tr	A0A0K6GHI2	A0A0K6GHI2_9AGAM	MR
tr	A0A8H3GSJ0	A0A8H3GSJ0_9AGAM	MR
tr	A0A8H2WG40	A0A8H2WG40_9AGAM	MR
tr	A0A8H2WMS4	A0A8H2WMS4_9AGAM	MR
tr	M5BU78|M5BU78_THACB		MR
tr	A0A8H3CAA9	A0A8H3CAA9_9AGAM	MR
tr	A0A8H3ANE1	A0A8H3ANE1_9AGAM	
tr	A0A8H8NNI8	A0A8H8NNI8_9AGAM	
tr	A0A4T0P7F5	A0A4T0P7F5_9BASI	
tr	A0A166F6P8	A0A166F6P8_9AGAM	
tr	A0A5E3WQC8	A0A5E3WQC8_9AGAM	
tr	A0A5E3X438	A0A5E3X438_9AGAM	
tr	A0A5E3WUH3	A0A5E3WUH3_9AGAM	LA.VVRD.VP.A.V.LQHIIPRMR
tr	G4T531|G4T531_SERID		
tr	A0A0C2XKC5	A0A0C2XKC5_SERVB	
tr	G4TML3|G4TML3_SERID		
tr	A0AAD4LXK9	A0AAD4LXK9_9AGAM	ML
tr	A0A8K0XK66	A0A8K0XK66_9AGAR	MT
tr	A0A316Z0U7	A0A316Z0U7_9BASI	
tr	A0A316VAT0	A0A316VAT0_9BASI	
tr	A0A9W8MT54	A0A9W8MT54_9AGAR	RTVAPN.P.EI.DGDDRAN.DL.I.D.PS.ILTSLR
tr	A0A137QWX9	A0A137QWX9_9AGAR	VEIGSKVTPG.S.KTIFSCVCGGH.SL.Y.FITALK
tr	A0A165NY92	A0A165NY92_9APHY	LHLPP.PT.A.LRHSPSFGLRH.HP.P.F.LQ.LPNSTA

tr	A0A4R0RLA3	A0A4R0RLA3_9APHY	.....
tr	A0A8H5HZH8	A0A8H5HZH8_9AGAR	.....
tr	A0A8H5MD99	A0A8H5MD99_9AGAR	.....
tr	A0A0F4YG29	A0A0F4YG29_TALEM	.AAASSSSTSRVAAAPWRLQHGHEH.....GHGH...HG...RPAGSWRTGSEVL
tr	A0A0U5GNN7	A0A0U5GNN7_ASPCI	.....MH
tr	A0A1R3RIL6	A0A1R3RIL6_ASPC5	.....MH
tr	A0A395H201	A0A395H201_9EURO	.....MH
tr	A0AAD5YR10	A0AAD5YR10_9AGAR	.....M...IA.....NNASSHHTAN
tr	A0A8H5BJC3	A0A8H5BJC3_9AGAR	.....
tr	A0A0W0GEQ8	A0A0W0GEQ8_MONRR	.....
tr	A0AAD6SDH4	A0AAD6SDH4_9AGAR	.....
tr	A0AAD7DI93	A0AAD7DI93_MYCRO	.....
tr	A0A4S4LV58	A0A4S4LV58_9AGAM	.....MY
tr	W4JT48|W4JT48_HETIT		.....MF
tr	A0AAD4LT59	A0AAD4LT59_9AGAM	.....
tr	A0A401GU04	A0A401GU04_9APHY	.....
tr	R7S187|R7S187_PUNST		.....
tr	A0A067SDJ9	A0A067SDJ9_GALM3	.....MF
tr	A0A0C2SS39	A0A0C2SS39_AMAMK	.....
tr	A0A9W9ATQ1	A0A9W9ATQ1_9AGAR	.....M...L.....KHSNAPLH
tr	A0A2P2HCE6	A0A2P2HCE6_ASPPA	.VVVSARIT.Q...AAAHSFSGK.....GR...TI...TLRNP..LAFKMH
tr	A0A3N4KVN0	A0A3N4KVN0_9PEZI	.....MQ
tr	A0A3M2TGY8	A0A3M2TGY8_9EURO	.....
tr	A0A8H4MFK6	A0A8H4MFK6_9EURO	.LTIL.....NTLFFFTQNY.....HM...LV.....TMR
tr	A0A9P4Y6D6	A0A9P4Y6D6_CRYPA	.....MQ
tr	Q0CIJ2|Q0CIJ2_ASPTN		.....MK
tr	A0A5M3Z630	A0A5M3Z630_ASPTN	.....MK
tr	A0A9P7KWI2	A0A9P7KWI2_9HYPO	.LTITHSFT...SPTITFSQPL.....KT...LI...TFYQSLTTQFSNM
tr	A0A1L7THC5	A0A1L7THC5_FUSMA	.SQISTHLIIT..ITIIHFHSNT.....S.....NTFNTFNSTTFKM
tr	A0A9Q9R8P4	A0A9Q9R8P4_GIBFU	.SQISSHLIIT..ITIIHFHSNT.....S.....NTFNTFNSTTFKM
tr	S0DQB3|S0DQB3_GIBF5		.SQISSHLIIT..ITIIHFHSNT.....S.....NTFNTFNSTTFKM
tr	A0A1M2VN03	A0A1M2VN03_TRAPU	.....MF
tr	A0A5C2S0C7	A0A5C2S0C7_9APHY	.....MF
tr	A0A4P9X324	A0A4P9X324_9FUNG	.....SRRGGYDNY
tr	A0A4P9X8A1	A0A4P9X8A1_9FUNG	.....MY

tr	A0AAD6Z265	A0AAD6Z265_9AGAR	
tr	A0A0D0C548	A0A0D0C548_9AGAR	MQLKLA.....LI.AAA..L..ATLAVATPTPGG.GGGGG.....YGGGGQG...
tr	A0A0D0CDA3	A0A0D0CDA3_9AGAR	MQLKLA.....LI.TAV..L..ATLAVATPTPGG.GG.GG.....YGGGGQG...
tr	J4H3V5|J4H3V5_9APHY		MHFSAR.....L...LSLLAAALLATAAPHQGD.....AA.....VTVT..V...
tr	A0A5C3N3C0	A0A5C3N3C0_9AGAM	.....MLSSDADAAPTSPDDDD.....TS.....ASA.....
tr	W4KGP9|W4KGP9_HETIT		IKLSSE.....FL.IAL..AAS.VV..AAPRGE..GLIP.....TIIP..T...
tr	A0A4V3XGG2	A0A4V3XGG2_9AGAM	TQITPL.....FL.IAL..ATA.VS..AAPAGE..GLIP.....TIIP..T...
tr	A0A2H3CLV3	A0A2H3CLV3_ARMGA	ALISFT.....TL.LALPLLATATATAESTL.....SIIK.....LGPLPSF...
tr	A0AA39MHX1	A0AA39MHX1_9AGAR	APISFT.....TL.LVLPLLATATATVESTL.....SIIK.....LGPLPSF...
tr	A0A284S0F8	A0A284S0F8_ARMOS	ALISFT.....TL.LALPLLATATATVESTL.....SIIK.....LGPLPSF...
tr	A0A2H3AST0	A0A2H3AST0_9AGAR	ALISFT.....TL.LALPLLATATATVESTL.....SIIK.....LGPLPSF...
tr	A0AA39NST8	A0AA39NST8_9AGAR	FHHSFT.....AL.LALPLFANAAVLPLISSILP..LDEV.....TGLLGRQ...
tr	A0AA39MDX0	A0AA39MDX0_9AGAR	.....MA.....SM.LVL.....RE.....GSRHDIP.....APAAPAA...
tr	A0AA39JIE7	A0AA39JIE7_ARMTA	TRLSFT.....AF.LALPLLSNAGVIPVLPPVPSSDDDIS.....TGLTGRQ...
tr	A0A2H3CM01	A0A2H3CM01_ARMGA	AQISFT.....SL.LALPLLATAGIIPSGLI.PS..GILP.....AG.....
tr	A0A2H3CRN5	A0A2H3CRN5_ARMGA	AQISFT.....SL.LALPLLATAGLIPSGLI.PS..GIIP.....SGILPAG...
tr	A0AA39MG27	A0AA39MG27_9AGAR	AQISFT.....AL.LALPLLALPLLATAGLI.PS..GLIP.....SGILPTG...
tr	A0A284S0E6	A0A284S0E6_ARMOS	AQISFT.....AL.LALPLLATAGLIPSGLI.PS..GILP.....TGILPAG...
tr	A0A2H3ASU1	A0A2H3ASU1_9AGAR	AQISFT.....AL.LALPLLATAGLIPSGLI.PS..GILP.....TG.....
tr	A0AA39J370	A0AA39J370_9AGAR	AQISFT.....AL.LALPLLATAGLIPSGLI.PS..GILP.....AGILPAG...
tr	A0AA39MFN3	A0AA39MFN3_9AGAR	VQISFT.....AL.LALPLLATAGLIPSGLI.PS..GLIP.....TGIIIPAG...
tr	A0A284SBE2	A0A284SBE2_ARMOS	AQVSFT.....AL.LALPLLATAGLIPSGLI.PS..GILP.....TGIIIPAG...
tr	A0A284SBE9	A0A284SBE9_ARMOS	AQVSFT.....AL.LALPLLATAGLIPSGLI.PS..GILP.....TGIIIPAG...
tr	A0A369JRG4	A0A369JRG4_HYPMA	SKLAAV.....IT.ISS..VA.....
tr	A0A8H4QKS9	A0A8H4QKS9_9AGAR	SKLTIL.....FA.AAM..AASVSAGGAPSYGA.....G.....
tr	A0A8S0VRF0	A0A8S0VRF0_CYCAE	SKVALF.....TA.ATM..AV.....
tr	A0A165SB06	A0A165SB06_9AGAM	TALIKL.....FA.LLP..L..FALATAAPHSP.....L.....
tr	D8P1D0|D8P1D0_SCHCM		SRVLA.....L...LSVAMLVGARPYVQ.....N.....VGDV.....
sp	O74300|SC6_SCHCO		SRVLA.....L...LSVAMLVGARPYVQ.....N.....VGDV.....
tr	A0A9P5PEB9	A0A9P5PEB9_9AGAR	MQYKVA.....FV.SAA..LATVALNYPAPA...HTP.....APAPPAP...
tr	A0A409X9U2	A0A409X9U2_PSCY	.....MKFT.....FA.IAL..FATAVATIQA..S.....P.....
tr	A0A9P8AXH7	A0A9P8AXH7_9AGAR	IVMKFA.....SI...F..FSIVVFLVS.....
tr	A0A8H5HJ20	A0A8H5HJ20_9AGAR	KEMKFT.....AV...F..AVAAAA..A.....
tr	A0A4Y7SH30	A0A4Y7SH30_COPMI	.....
tr	A8NVT0|A8NVT0_COPC7		.....
tr	A0AA39PT22	A0AA39PT22_9AGAR	KL...F.....FF.VAF..LAALVVAAPIPNYGGESAPSN.....S.....N...
tr	A0A0H2SDR2	A0A0H2SDR2_9AGAM	...KLP.....YA.LIA..LAAPILA.....
tr	A0A0H2RCN5	A0A0H2RCN5_9AGAM	SRLSAA.....VV.LSL..S...LLAVAKPIAD.....P.....YRGL.....
tr	A0A5M3N543	A0A5M3N543_CONPW	SKSLAL.....FA.LIA..VATAGYIPTAPG.....P.....YPAP.....
tr	A0A0C9W5V3	A0A0C9W5V3_PSHS4	KRYKNL.....LI.FTL..TL...Q.SSN.....PP.....
tr	A0A409WBU2	A0A409WBU2_9AGAR	MQFKSL.....FA.LAL..A..AVSAVAVPTGG.NAARQL.....IPGL.....
tr	A0A4Y7SGG8	A0A4Y7SGG8_COPMI	MQFKSL.....FA.LAF..A..AVSAVAVPTGG.NAARQL.....IPGL.....
tr	A0A4Y7SN80	A0A4Y7SN80_COPMI	PRPRIK.....RAPCPAAAL..QP.DTAHQQ.....FPATHPR...
tr	A0A1C7MKD9	A0A1C7MKD9_GRIFR	SRVSVV.....LF.YAF..FAFALLAAATPAPA.LDNAKR.....WATP.....
tr	A0A0C3PUW2	A0A0C3PUW2_PHLG1	ARIATF.....FL.FCC..F..ALCA.....
tr	A0A8H5LR10	A0A8H5LR10_9AGAR	TRFTSF.....V...SV..ASLAVLAAATPAQK.....R.....WDTP.....
tr	A0AAD7X4P7	A0AAD7X4P7_9APHY	KL.....FTL..ATLASLAFAA...P.....T.....YDTH.....
tr	A0A0W0FD42	A0A0W0FD42_MONRR	KL.....FTL..ATLASLAFAA...P.....T.....YDTH.....
tr	V2X426|V2X426_MONRO		ARLPVV.....FL.YAF..VAFGALVAAL..P.....G.....GHPG.....
tr	D8Q768|D8Q768_SCHCM		SRLVA.....LF.YVF..TTLTLLAAAT..P.....L.....GNSP.....
tr	A0AA39QHGO	A0AA39QHGO_9AGAR	ARLSTV.....FV.YVL..ATMAVLAAAT..P.....PP...V.....
tr	A0A8S0WFB7	A0A8S0WFB7_CYCAE	ARVSTV.....FV.YVL..ATMAFLAAAT..P.....P.....PP...V.....
tr	A0A9W8N0S2	A0A9W8N0S2_9AGAR	RSIA.S.....FG.YVL..AVSAFLAAAM..P.....N.....GGPGHT...
tr	A0A9P6E978	A0A9P6E978_9AGAR	RSIA.S.....FG.YVL..VVSFLAAAM..P.....N.....GGPGHT...
tr	A0A9P6E998	A0A9P6E998_9AGAR	RSIT.S.....FG.YVL..AVSAFLAAAM..P.....N.....GGPGHT...
tr	A0A9P6E9F9	A0A9P6E9F9_9AGAR	SRVA.A.....FA.YVY..IFAFAFVAAI..P.....G.....GKP.....
tr	A0A137QVQ9	A0A137QVQ9_9AGAR	SRIA.A.....FA.YVY..VAFAAFAAAM..P.....G.....GSPPPYT...
tr	A0A8H5FSA3	A0A8H5FSA3_9AGAR	SRVA.A.....FA.YVY..VAFAAFVAAL..P.....G.....NVHP.....
tr	A0A9P6C2G2	A0A9P6C2G2_9AGAR	SRLA.A.....FA.YVY..VAFAAFVAAM..P.....G.....GGGPVYG...
tr	A0AAD5YWI2	A0AAD5YWI2_9AGAR	ARFIIS.....FA.SVL..ATTAVLAAAR..P.....H.....WTTD.SP...
tr	A0A8S0XPJ5	A0A8S0XPJ5_CYCAE	ARFIFS.....FL.SVL..ATTAVLAAAR..P.....H.....WTTD.AP...
tr	A0A9W8N0X7	A0A9W8N0X7_9AGAR	AAAAKD.....K...RQRLLLQFL..HS.....N.....NFPQ.PF...
tr	A0A8H5F853	A0A8H5F853_9AGAR	ARFTSL.....Y...VV..ASMTILAAAI..P.....N.....WSP.TT...
tr	A0A8H5F0B7	A0A8H5F0B7_9AGAR	SRISSV.....VA.AVF..LTNAILAAAV..P.....N.....FTTT.TP...
tr	A0A0D2NF10	A0A0D2NF10_HYPSF	ARLSSV.....V.VVF..LTTAILAAAI..P.....N.....NTPP.AT...
tr	A0A9P5YZS9	A0A9P5YZS9_9AGAR	ARLSSV.....V.VVF..LTTVILAAAL..P.....N.....NPPP.TT...
tr	A0A9P5Z096	A0A9P5Z096_9AGAR	MKLL.A...I.T...ALFIAGALAVPASS...YPP.....PP.....
tr	A0A9P8KYJ7	A0A9P8KYJ7_9HYPO	MKFL.T...V.A.....AVFFTAFLAAPG.N...YPP.....PP.....
tr	A0A5P8PBG9	A0A5P8PBG9_9HYPO	MKFL.T...V.A.....AVFFTAFLAAPG.N...YPP.....PP.....
tr	A0A7D5AKE8	A0A7D5AKE8_9HYPO	MKFL.T...V.A.....AVFFTAFLAAPG.N...YPP.....PP.....
tr	A0A7D5AU90	A0A7D5AU90_9HYPO	MRTF.I...L.ASL...ALGASLVAAAMPQDG...LQA.....DSN.....
tr	N1PH52|N1PH52_DOTSN		MKLH.A...L.ALA...ALFATAI..AVPYA.....
tr	A0A0C2EW62	A0A0C2EW62_9PEZI	MKFS.L...I.ALA...AVAV...ASPMA...LE.....TR.....
tr	A0A2G5HAF4	A0A2G5HAF4_CERBT	MQFI.I...L.ALA...ALAA...AAPG.....MPDGKP.....RKDEQP...
tr	F9XM08|F9XM08_ZYMTI		.....A...FIA..LASPLLA VATP.....
tr	A0AAD4HKV4	A0AAD4HKV4_9AGAM	SRLG.....S...FSI..LAIPVLASTTP.....
tr	A0A8I2YKL8	A0A8I2YKL8_9AGAM	SLLI.....SLV.IL...DYL.....
tr	A0A2R6NS81	A0A2R6NS81_9APHY	TIL.....SLV.VV...AGFAVASP.....TPLTP.....SSR.....
tr	K5VYC8|K5VYC8_PHACS		SIL.....SLV.VV...AGLAVASP.....TPLSP.....SSR.....
tr	A0A8H3EEN7	A0A8H3EEN7_9AGAM	SVI.....SLA.IV...AGLAVASP.....ALLTP.....SSR.....
tr	A0A0K6GHI2	A0A0K6GHI2_9AGAM	SAI.....PLA.IF...AGLAAASP.....TLTLP.....SSR.....
tr	A0A8H3GSJ0	A0A8H3GSJ0_9AGAM	SAI.....PLA.IF...AGLAAASP.....TLTLP.....SSR.....
tr	A0A8H2WG40	A0A8H2WG40_9AGAM	SII.....SLA.MV...AGLVAASP.....APLTP.....SSR.....
tr	A0A8H2WMS4	A0A8H2WMS4_9AGAM	.....MASP.....TPLTP.....SSR.....
tr	M5BU78|M5BU78_THACB		.....MV.....SRLALVA...AAAVAAS...SAYGYDYSSEP...SY.....
tr	A0A8H3CAA9	A0A8H3CAA9_9AGAM	.....MV.....SRLALVA...AAAAAAT...SAYGYDYSVD...SY.....
tr	A0A8H3ANE1	A0A8H3ANE1_9AGAM	MF.....ARAVIIA...AAVALATAHAQPEGS.DYAPYD...PYQQDNS...
tr	A0A166F6P8	A0A166F6P8_9AGAM	MF.....ARAVIIA...AAVALAAAHVQREHSDDYSPEN...D...YD...
tr	A0A5E3WQC8	A0A5E3WQC8_9AGAM	SEVTF.A...LLATLFVVD..ATLARPYRE.....AA.....IGSDTA...
tr	A0A5E3X438	A0A5E3X438_9AGAM	.....MQFFT...LLSALVVIA..VGVSAA...PALNN...V...QS...
tr	A0A5E3WUH3	A0A5E3WUH3_9AGAM	.....MQ...LTSTLVLVV..LGLVSGVRV...PTYPS...YGPKN...
tr	G4T531|G4T531_SERID		SRES.....ALLVYVV..AGLVISAAAI.MGQSADYNDEPKSRPPGAYGPQSY
tr	A0A0C2XKC5	A0A0C2XKC5_SERVB	LKFARN...ITSFV.GVT..SVLAILAVATP...QGYNAY...RPYDPTGT...
tr	G4TML3|G4TML3_SERID		MQFL.....RVF.SIL...AIASA...TYASAS...VNIAADGL...
tr	A0AAD4LXK9	A0AAD4LXK9_9AGAM	MQFS.....SLA.AIF...VFAAA...ASAASS...PQTS...
tr	A0A8K0XK66	A0A8K0XK66_9AGAR	RLTT.....HL..IFM..LHQRLPLLAHS...PER.....
tr	A0A316Z0U7	A0A316Z0U7_9BASI	MFFK.....VAL.FIT..SALFPTVXA.A...PG.....
tr	A0A316VAT0	A0A316VAT0_9BASI	MQFV.....LTF.I...SALLAAIFV...NATP.....VSYGVDVS...
tr	A0A9W8MT54	A0A9W8MT54_9AGAR	
tr	A0A137QWX9	A0A137QWX9_9AGAR	
tr	A0A165NY92	A0A165NY92_9APHY	

tr	A0A4R0RLA3	A0A4R0RLA3_9APHY	MQLT.....HLV.T.L...LSLSLVAVASP.....WGAPPPP...PPPPANPTVT....
tr	A0A8H5HZH8	A0A8H5HZH8_9AGAR	MLFH.....NVS...T...LAIVVLAIAQS.....TGAAP.....NPQLGGLLG....
tr	A0A8H5MD99	A0A8H5MD99_9AGAR	MKFT.....STL.VVV...SALVTLAIAGS.....PS.QS.....GPGWGGQGG....
tr	A0A0F4YG29	A0A0F4YG29_TALEM	EEFVV...ISPFFV.PS...HAACSSSS...SVV...PSSHAPS.....SHPPSSAPSIA
tr	A0A0U5GNN7	A0A0U5GNN7_ASPCI	QTLLL.....
tr	A0A1R3RIL6	A0A1R3RIL6_ASPC5	YPIFL.....
tr	A0A395H201	A0A395H201_9EURO	HS..IL.....
tr	A0AAD5YR10	A0AAD5YR10_9AGAR	GDYS.....VLSPV.P.....D...PRRLVSV...TNDGASN....
tr	A0A8H5BJC3	A0A8H5BJC3_9AGAR	.....MPPF.IV...LS..DSSSSNPAHI...P..NTSL...SALEAP....
tr	A0A0W0GEQ8	A0A0W0GEQ8_MONRR	.....
tr	A0AAD6SDH4	A0AAD6SDH4_9AGAR	..MA.....VPSAV.PV...L.....
tr	A0AAD7DI93	A0AAD7DI93_MYCRO	.....
tr	A0A4S4LV58	A0A4S4LV58_9AGAM	TR.....VLPAL.SV...LAIATMAAASPATA...GYGKS.V...DYKP.S....
tr	W4JT48|W4JT48_HETIT		ARFS.....ALSAL.SI...LAVAMVASAGPV.A...DYGKSPV...AYDPKS....
tr	A0AAD4LT59	A0AAD4LT59_9AGAM	.....
tr	A0A401GU04	A0A401GU04_9APHY	.....
tr	R7S187|R7S187_PUNST		.....MRTPLSLI.VL...FATMIVS.....A...T...VIS...PNADRM....
tr	A0A067SDJ9	A0A067SDJ9_GALM3	SKL....ALLT.I.AS...MAIFVTASP.....SPSF....
tr	A0A0C2SS39	A0A0C2SS39_AMAMK	.....MRLT.AV...FAIFTAVAAT..SV...A...AHQ....TNAERLA....
tr	A0A9W9ATQ1	A0A9W9ATQ1_9AGAR	RILAVASNPVMKFT.TV...LAFVFAATAT..SV.....
tr	A0A2P2HCE6	A0A2P2HCE6_ASPFA	STNIF.....NF..FM...LAVAAASAAT.....I.....S.....
tr	A0A3N4KVN0	A0A3N4KVN0_9PEZI	FRL.....FALLATVALTLASP.....LHIR....QDNNDNN....
tr	A0A3M2TGY8	A0A3M2TGY8_9EURO	.....MALLVI...TVPRI...IMDVTAT...T.....
tr	A0A8H4MFK6	A0A8H4MFK6_9EURO	LSL.....SI...AVFTLVITYVT.G.....LPSHHV....I...PRG....
tr	A0A9P4Y6D6	A0A9P4Y6D6_CRYPA	YKL.....V...LALFATTAVA.GYI...PISGEPV....GTSPDGT....
tr	Q0CIJ2|Q0CIJ2_ASPTN		FTA.....TI...LA.LAATAVALPQI...GHGGDHV....QK...GA....
tr	A0A5M3Z630	A0A5M3Z630_ASPTE	FTA.....TI...LA.LAATAVALPQI...GHGGDH....K...GP....
tr	A0A9P7KWI2	A0A9P7KWI2_9HYPO	HPM.....TV...IAFLAVSVAAAP.....
tr	A0A1L7THC5	A0A1L7THC5_FUSMA	YAY.....TV...IAFLAASAA.....
tr	A0A9Q9R8P4	A0A9Q9R8P4_GIBFU	YAY.....TV...IAFLAAAAA.....
tr	S0DQB3|S0DQB3_GIBF5		YAY.....TV...IAFLAAAAA.....
tr	A0A1M2VN03	A0A1M2VN03_TRAPU	TKLAI.....FVT.L...LATFVVA.....TPV...STVKSVS....
tr	A0A5C2S0C7	A0A5C2S0C7_9APHY	KLATL.....TTL.AL...AGLAALVAST.....PVPS...SIPTL.....
tr	A0A4P9X324	A0A4P9X324_9FUNG	DRPAV.....PTP.TL...RALATHVAAKPGYA...ADVPA PV...STPHSVA....
tr	A0A4P9X8A1	A0A4P9X8A1_9FUNG	IKNLF.....LI...V...AAATAVLAQAPGQI...PKAAAVA...GKPAAAP....

tr	A0AAD6Z265	A0AAD6Z265_9AGAR	
tr	A0A0D0C548	A0A0D0C548_9AGAR	
tr	A0A0D0CDA3	A0A0D0CDA3_9AGAR	
tr	J4H3V5|J4H3V5_9APHY		TVFDYSPSSTMF.....SSSQ.....
tr	A0A5C3N3C0	A0A5C3N3C0_9AGAM	.....TPTPTD.....DGSS.....
tr	W4KGP9|W4KGP9_HETIT		.....VLP.TDLP.TSL.....PT.....
tr	A0A4V3XGG2	A0A4V3XGG2_9AGAM	.....SVIPTIIP.TSVIPTIIP.T.....S
tr	A0A2H3CLV3	A0A2H3CLV3_ARMGA	.....AP.FPVAS.....
tr	A0AA39MHX1	A0AA39MHX1_9AGAR	.....AP.FP.....
tr	A0A284S0F8	A0A284S0F8_ARMOS	.....AP.FP.....
tr	A0A2H3AST0	A0A2H3AST0_9AGAR	.....AP.FP.....
tr	A0AA39NST8	A0AA39NST8_9AGAR	.....ATTITPIINPVIPIGNSIVSSRQVTESSAVS.....A
tr	A0AA39MDX0	A0AA39MDX0_9AGAR	.....PAAPAAP.....
tr	A0AA39JIE7	A0AA39JIE7_ARMTA	.....VITASPHIGPVLPIDTDST.....
tr	A0A2H3CM01	A0A2H3CM01_ARMGA	.....AVPAGI.....
tr	A0A2H3CRN5	A0A2H3CRN5_ARMGA	.....AIPTGAVPAGVIPTGI.....
tr	A0AA39MG27	A0AA39MG27_9AGAR	.....IIPAGV.....
tr	A0A284S0E6	A0A284S0E6_ARMOS	.....VLPAGA.....
tr	A0A2H3ASU1	A0A2H3ASU1_9AGAR	.....ILPAGA.....
tr	A0AA39J370	A0AA39J370_9AGAR	.....VLPAGA.....
tr	A0AA39MFN3	A0AA39MFN3_9AGAR	.....VIPTGI.....
tr	A0A284SBE2	A0A284SBE2_ARMOS	.....VIPTGI.....
tr	A0A284SBE9	A0A284SBE9_ARMOS	.....V.....
tr	A0A369JRG4	A0A369JRG4_HYPMA	
tr	A0A8H4QKS9	A0A8H4QKS9_9AGAR	.....PSYGAGSGSAPS.....
tr	A0A8S0VRF0	A0A8S0VRF0_CYCAE	
tr	A0A165SB06	A0A165SB06_9AGAM	.....SLYEGSSSFAPASTSASGSGHPASSSA.....
tr	D8PLD0|D8PLD0_SCHCM		.....DLNDV.....DATVGTGVV.....DT.....
sp	O74300|SC6_SCHCO		.....DLNDV.....DATVGTGVV.....DT.....
tr	A0A9P5PEB9	A0A9P5PEB9_9AGAR	.....PAYTPPANTPPAHTPP.....AYTPPA
tr	A0A409X9U2	A0A409X9U2_PSCY	.....APYPAPAPVA.....
tr	A0A9P8AXH7	A0A9P8AXH7_9AGAR	.....FAAALPS.....
tr	A0A8H5HJ20	A0A8H5HJ20_9AGAR	.....ASVGAVP.....
tr	A0A4Y7SH30	A0A4Y7SH30_COPMI	
tr	A8NVT0|A8NVT0_COPC7		
tr	A0AA39PT22	A0AA39PT22_9AGAR	
tr	A0A0H2SDR2	A0A0H2SDR2_9AGAM	.....GPYGGSSP.....SPNKSPYGGS.....
tr	A0A0H2RCN5	A0A0H2RCN5_9AGAM	
tr	A0A5M3N543	A0A5M3N543_CONPW	
tr	A0A0C9W5V3	A0A0C9W5V3_SPHS4	.....GPYPAPGPVP.....APLPVPAPLPVPA
tr	A0A409WBU2	A0A409WBU2_9AGAR	
tr	A0A4Y7SGG8	A0A4Y7SGG8_COPMI	.....PLPDLPLGLPLGLP.....
tr	A0A4Y7SN80	A0A4Y7SN80_COPMI	.....PLPLP.DL.....
tr	A0A1C7MKD9	A0A1C7MKD9_GRIFR	.....ITYTE.....DVLPHHR
tr	A0A0C3PUW2	A0A0C3PUW2_PHLG1	
tr	A0A8H5LRI0	A0A8H5LRI0_9AGAR	
tr	A0AAD7X4P7	A0AAD7X4P7_9APHY	
tr	A0A0W0FD42	A0A0W0FD42_MONRR	.....NT.....HGV.....HGTDNT.....PSLPSLP
tr	V2X426|V2X426_MONRO		.....NT.....HGV.....HGTDNT.....PSLPSLP
tr	D8Q768|D8Q768_SCHCM		
tr	A0AA39QHGO	A0AA39QHGO_9AGAR	
tr	A0A8S0WFB7	A0A8S0WFB7_CYCAE	.....TSKTTVTS.....VTTKT.....TTQTDIKTT.....T.....
tr	A0A9W8N0S2	A0A9W8N0S2_9AGAR	.....TSKTTVTS.....VTTKT.....TTQTDIKTT.....T.....
tr	A0A9P6E978	A0A9P6E978_9AGAR	.....TTKPPPTT.....P.....
tr	A0A9P6E998	A0A9P6E998_9AGAR	.....TTKPPPTT.....P.....
tr	A0A9P6E9F9	A0A9P6E9F9_9AGAR	.....TTKPP.TT.....P.....
tr	A0A137QVQ9	A0A137QVQ9_9AGAR	.....TTYTTISQ.....GHTIT.....VTIVVTDST.....T.....
tr	A0A8H5FSA3	A0A8H5FSA3_9AGAR	.....TVYTTTSQ.....GHTIT.....VTSVVTGTT.....T.....
tr	A0A9P6C2G2	A0A9P6C2G2_9AGAR	.....TTYTTVSN.....GHTLT.....ITSTVTDST.....T.....
tr	A0AAD5YWI2	A0AAD5YWI2_9AGAR	.....TTYTTTSA.....GHTIT.....VTSVVTGTT.....T.....
tr	A0A8S0XPJ5	A0A8S0XPJ5_CYCAE	.....APYSTVV.....TKTTTVDV.....TTVVPVIT
tr	A0A9W8N0X7	A0A9W8N0X7_9AGAR	.....ASYSSHTVVASTKTTTVGVTTIVSATTIVVPVTTVLPVIT
tr	A0A8H5F853	A0A8H5F853_9AGAR	.....KYKHSKHP.QQTS.....
tr	A0A8H5F0B7	A0A8H5F0B7_9AGAR	.....TYPPTTP.TKTATTVTST.....
tr	A0A0D2NF10	A0A0D2NF10_HYPSF	.....VYTTTPTY.TTTTPTT.....
tr	A0A9P5YZS9	A0A9P5YZS9_9AGAR	.....TK.....
tr	A0A9P5Z096	A0A9P5Z096_9AGAR	.....TV.....
tr	A0A9P8KYJ7	A0A9P8KYJ7_9HYPO	.....PPDY.....GG.....
tr	A0A5P8PBG9	A0A5P8PBG9_9HYPO	.....PPTY.....AP.....
tr	A0A7D5AKE8	A0A7D5AKE8_9HYPO	.....PPTY.....AP.....
tr	A0A7D5AU90	A0A7D5AU90_9HYPO	.....PPTY.....AP.....
tr	N1PH52|N1PH52_DOTSN		.....QVD.....R.RWNDEYRGSY.....RG.....
tr	A0A0C2EW62	A0A0C2EW62_9PEZI	.....GSSG.....DG.....
tr	A0A2G5HAF4	A0A2G5HAF4_CERBT	.....QGG.....L.LSLASLGGSSK.....GG.....
tr	F9XM08|F9XM08_ZYMTI		.....GAPSY.....GG.....
tr	A0AAD4HKV4	A0AAD4HKV4_9AGAM	.....KVAQEM.....
tr	A0A8I2YKL8	A0A8I2YKL8_9AGAM	.....MYANH.....SN.....ANHFLSGSHQ.....
tr	A0A2R6NS81	A0A2R6NS81_9APHY	
tr	K5VYC8|K5VYC8_PHACS		
tr	A0A8H3EEN7	A0A8H3EEN7_9AGAM	.....LTFQTLGHSQE.....
tr	A0A0K6GHI2	A0A0K6GHI2_9AGAM	.....QTAYD.....LP.....LNV.....PTA.....
tr	A0A8H3GSJ0	A0A8H3GSJ0_9AGAM	.....QTAYD.....L.....ASDSGGP.....
tr	A0A8H2WG40	A0A8H2WG40_9AGAM	.....QTAYD.....YD.....VTTDASSDSTVP.....
tr	A0A8H2WMS4	A0A8H2WMS4_9AGAM	.....QTAY.....D.....VTADASSDSTGP.....
tr	M5BU78|M5BU78_THACB		.....QTAY.....D.....VTADASSDSTGP.....
tr	A0A8H3CAA9	A0A8H3CAA9_9AGAM	.....QTAY.....D.....IGADTRSGSGGP.....
tr	A0A8H3ANE1	A0A8H3ANE1_9AGAM	
tr	A0A8H8NNI8	A0A8H8NNI8_9AGAM	.....QNAY.....D.....ITADMSGDSTGL.....
tr	A0A4TOP7F5	A0A4TOP7F5_9BASI	
tr	A0A166F6P8	A0A166F6P8_9AGAM	.....ATTTSMYEAPAYTTSSSYG.....YEPASSSYEEPS.....
tr	A0A5E3WQC8	A0A5E3WQC8_9AGAM	.....ATTTSMYEAPAYTTSSSYG.....YEPASSSYEEKPS.....
tr	A0A5E3K438	A0A5E3K438_9AGAM	.....YDV.....EYKKPEYGYKESAYDKAYDYA.....FEHY.....AHEAK.....
tr	A0A5E3WUH3	A0A5E3WUH3_9AGAM	.....HDV.....EYKKPEYGYKESAYDKAYDYA.....FEHY.....AHEAK.....
tr	G4T531|G4T531_SERID		.....HLR.....E.....V.....NGAKV.A.....QLQG.....QTM.....AASS.....
tr	A0A0C2XKC5	A0A0C2XKC5_SERVB	.....NV.....A.....P.....YGV.....AD.....
tr	G4TML3|G4TML3_SERID		.....NY.....GASV.S.....TG.....QIGV.....ANVG.....
tr	A0AAD4LXK9	A0AAD4LXK9_9AGAM	.....SPH.....H.KY.....PQDKPYSKPYDHT.....YKAYALGEDSK.....
tr	A0A8K0XK66	A0A8K0XK66_9AGAR	.....SN.....I.....SG.....TDVG.....TAGSGSGSAEG.....
tr	A0A316Z0U7	A0A316Z0U7_9BASI	.....VTE.....I.....PE.....AAVK.....YAQSLLAEGS.....
tr	A0A316VAT0	A0A316VAT0_9BASI	.....AVA.....L.....PQ.....SAVA.....YIQEKTGIDLN.....
tr	A0A9W8MT54	A0A9W8MT54_9AGAR	
tr	A0A137QWX9	A0A137QWX9_9AGAR	
tr	A0A165NY92	A0A165NY92_9APHY	.....AD.....

tr	A0A4R0RLA3	A0A4R0RLA3_9APHY	...VT.....V.....TQ.....
tr	A0A8H5HZH8	A0A8H5HZH8_9AGAR	...QG.....SG.....SGSG.....YGGQGS
tr	A0A8H5MD99	A0A8H5MD99_9AGAR	IASQTLPLSTLSSIVKP..SSFSPLEQTS..S.....SSSSRPSP.....
tr	A0A0F4YG29	A0A0F4YG29_TALEM	.....TTLTTLTLTL..ISAIPLSSSS..P.....NANAKANPNSKT.....
tr	A0A0U5GNN7	A0A0U5GNN7_ASPCI	..TSLALTLTLTLTPV..ATSIPLSSST..T.....NTQSQP.....
tr	A0A1R3RIL6	A0A1R3RIL6_ASPC5	..SIPLLLTTLTLTPF..TTAIPLSNTD..T.....PSPSNTNSNSNT.....
tr	A0A395H201	A0A395H201_9EURO	.....L...VITLTPT..TTVRVFRA...E.....NKLPSKVTVKRE.....
tr	A0AAD5YR10	A0AAD5YR10_9AGAR	.....AKSPQ..LVFRQFSK..A.....EVLHTMQPFS.....
tr	A0A8H5BJC3	A0A8H5BJC3_9AGAR	.....MPTHFPS...G.....YKVSTS.....
tr	A0A0W0GEQ8	A0A0W0GEQ8_MONRR	.....
tr	A0AAD6SDH4	A0AAD6SDH4_9AGAR	.....
tr	A0AAD7DI93	A0AAD7DI93_MYCRO	.....
tr	A0A4S4LV58	A0A4S4LV58_9AGAM	.....EYTPQ..YKRDDYKP...E.....YKAERKEEYEKDE.....
tr	W4JT48|W4JT48_HETIT		.....DYKPE..YAPKEYSK...G.....D..YGKDDYGKDN.....
tr	A0AAD4LT59	A0AAD4LT59_9AGAM	.....
tr	A0A401GU04	A0A401GU04_9APHY	.....
tr	R7S187|R7S187_PUNST		.....RGLPP..LAPRQLYNPT.VA.....SGAKRQEPSGS.....
tr	A0A067SDJ9	A0A067SDJ9_GALM3	.....GGLPM..PGP.FGGDSS..A.....PHANTKSPTGSL.....
tr	A0A0C2SS39	A0A0C2SS39_AMAMK	.....RGLPP..NPPARRGASN..T.....DSAEHHHPSGKPH.....
tr	A0A9W9ATQ1	A0A9W9ATQ1_9AGAR	.....
tr	A0A2P2HCE6	A0A2P2HCE6_ASPPA	.....
tr	A0A3N4KVN0	A0A3N4KVN0_9PEZI	.....D.....NNQISGN.....DGSGDQ.....
tr	A0A3M2TGY8	A0A3M2TGY8_9EURO	.....
tr	A0A8H4MFK6	A0A8H4MFK6_9EURO	.....
tr	A0A9P4Y6D6	A0A9P4Y6D6_CRYPA	.....SG..Y..QSRSPGS.....ENGGSS.....
tr	Q0CIJ2|Q0CIJ2_ASPTN		.....QGDGTGN.....ANGATG.....
tr	A0A5M3Z630	A0A5M3Z630_ASPTN	.....QGDGVGN.....ANGATG.....
tr	A0A9P7KWI2	A0A9P7KWI2_9HYPO	.....
tr	A0A1L7THC5	A0A1L7THC5_FUSMA	.....
tr	A0A9Q9R8P4	A0A9Q9R8P4_GIBFU	.....
tr	S0DQB3|S0DQB3_GIBF5		.....
tr	A0A1M2VN03	A0A1M2VN03_TRAPU	.....TGKPV..STVKPASTV.....KSVSTGKP.....
tr	A0A5C2S0C7	A0A5C2S0C7_9APHY	.....TDPV..ESVAAG.....
tr	A0A4P9X324	A0A4P9X324_9FUNG	.....TPVPV..STPGTVAHP.....ALNPHSQPK.....
tr	A0A4P9X8A1	A0A4P9X8A1_9FUNG	.....QGKPF..AGAAAAAA.....AANPAAKAP.....

tr	A0AAD6Z265	A0AAD6Z265_9AGAR	
tr	A0A0D0C548	A0A0D0C548_9AGAR	GGQG
tr	A0A0D0CDA3	A0A0D0CDA3_9AGAR	GGQG
tr	J4H3V5|J4H3V5_9APHY		ST
tr	A0A5C3N3C0	A0A5C3N3C0_9AGAM	A
tr	W4KGP9|W4KGP9_HETIT		
tr	A0A4V3XGG2	A0A4V3XGG2_9AGAM	VIPTTIPTS
tr	A0A2H3CLV3	A0A2H3CLV3_ARMGA	
tr	A0AA39MHX1	A0AA39MHX1_9AGAR	
tr	A0A284S0F8	A0A284S0F8_ARMOS	
tr	A0A2H3AST0	A0A2H3AST0_9AGAR	
tr	A0AA39NST8	A0AA39NST8_9AGAR	VLPA
tr	A0AA39MDX0	A0AA39MDX0_9AGAR	LNPDE
tr	A0AA39JIE7	A0AA39JIE7_ARMTA	
tr	A0A2H3CM01	A0A2H3CM01_ARMGA	
tr	A0A2H3CRN5	A0A2H3CRN5_ARMGA	
tr	A0AA39MG27	A0AA39MG27_9AGAR	
tr	A0A284S0E6	A0A284S0E6_ARMOS	
tr	A0A2H3ASU1	A0A2H3ASU1_9AGAR	
tr	A0AA39J370	A0AA39J370_9AGAR	
tr	A0AA39MFN3	A0AA39MFN3_9AGAR	
tr	A0A284SBE2	A0A284SBE2_ARMOS	
tr	A0A284SBE9	A0A284SBE9_ARMOS	
tr	A0A369JRG4	A0A369JRG4_HYPMA	
tr	A0A8H4QKS9	A0A8H4QKS9_9AGAR	
tr	A0A8S0VRF0	A0A8S0VRF0_CYCAE	
tr	A0A165SB06	A0A165SB06_9AGAM	
tr	D8PLD0|D8PLD0_SCHCM		
sp	O74300|SC6_SCHCO		
tr	A0A9P5PEB9	A0A9P5PEB9_9AGAR	HTP
tr	A0A409X9U2	A0A409X9U2_PSICY	PAHT
tr	A0A9P8AXH7	A0A9P8AXH7_9AGAR	
tr	A0A8H5HJ20	A0A8H5HJ20_9AGAR	
tr	A0A4Y7SH30	A0A4Y7SH30_COPMI	
tr	A8NVT0|A8NVT0_COPC7		
tr	A0AA39PT22	A0AA39PT22_9AGAR	MND
tr	A0A0H2SDR2	A0A0H2SDR2_9AGAM	
tr	A0A0H2RCN5	A0A0H2RCN5_9AGAM	
tr	A0A5M3N543	A0A5M3N543_CONPW	
tr	A0A0C9W5V3	A0A0C9W5V3_SPHS4	PLPVPAPLPVP
tr	A0A409WBU2	A0A409WBU2_9AGAR	
tr	A0A4Y7SGG8	A0A4Y7SGG8_COPMI	GLPGLPGLPGLPGLPLPS
tr	A0A4Y7SN80	A0A4Y7SN80_COPMI	
tr	A0A1C7MKD9	A0A1C7MKD9_GRIFR	ILL
tr	A0A0C3PUW2	A0A0C3PUW2_PHLG1	
tr	A0A8H5LRI0	A0A8H5LRI0_9AGAR	
tr	A0AAD7X4P7	A0AAD7X4P7_9APHY	
tr	A0A0W0FD42	A0A0W0FD42_MONRR	NLPSPGPGVPSV
tr	V2X426|V2X426_MONRO		NLPSPGPGVPSV
tr	D8Q768|D8Q768_SCHCM		
tr	A0AA39QHGO	A0AA39QHGO_9AGAR	
tr	A0A8S0WFB7	A0A8S0WFB7_CYCAE	
tr	A0A9W8N0S2	A0A9W8N0S2_9AGAR	
tr	A0A9P6E978	A0A9P6E978_9AGAR	
tr	A0A9P6E998	A0A9P6E998_9AGAR	
tr	A0A9P6E9F9	A0A9P6E9F9_9AGAR	
tr	A0A137QVQ9	A0A137QVQ9_9AGAR	
tr	A0A8H5FSA3	A0A8H5FSA3_9AGAR	
tr	A0A9P6C2G2	A0A9P6C2G2_9AGAR	
tr	A0AAD5YWI2	A0AAD5YWI2_9AGAR	
tr	A0A8S0XPJ5	A0A8S0XPJ5_CYCAE	VVPATTVVVPI
tr	A0A9W8N0X7	A0A9W8N0X7_9AGAR	VVPVTTVVVPV
tr	A0A8H5F853	A0A8H5F853_9AGAR	
tr	A0A8H5F0B7	A0A8H5F0B7_9AGAR	
tr	A0A0D2NF10	A0A0D2NF10_HYPSF	
tr	A0A9P5YZS9	A0A9P5YZS9_9AGAR	
tr	A0A9P5Z096	A0A9P5Z096_9AGAR	
tr	A0A9P8KYJ7	A0A9P8KYJ7_9HYPO	D.NGGYSPGYPTSDGDGYGYV
tr	A0A5P8PBG9	A0A5P8PBG9_9HYPO	PPTPTPPPP
tr	A0A7D5AKE8	A0A7D5AKE8_9HYPO	P
tr	A0A7D5AU90	A0A7D5AU90_9HYPO	P
tr	N1PH52|N1PH52_DOTSN		P
tr	A0A0C2EW62	A0A0C2EW62_9PEZI	T.G.Y.RGWRGNDNRGNRYNTN.GYHGYDNCGDDEDCQRNGPSPQGYGEDDYN
tr	A0A2G5HAF4	A0A2G5HAF4_CERBT	S.G.S.DNGGDGRD.GRDG
tr	F9XM08|F9XM08_ZYMTI		Y.G.GGYGGGNGGNGGNGGNGGNGGNN
tr	A0AAD4HKV4	A0AAD4HKV4_9AGAM	S.G.SGMAGGMAGGHGG
tr	A0A8I2YKL8	A0A8I2YKL8_9AGAM	SKLR.QG
tr	A0A2R6NS81	A0A2R6NS81_9APHY	
tr	K5VYC8|K5VYC8_PHACS		
tr	A0A8H3EEN7	A0A8H3EEN7_9AGAM	ARDS
tr	A0A0K6GHI2	A0A0K6GHI2_9AGAM	LD
tr	A0A8H3GSJ0	A0A8H3GSJ0_9AGAM	LD
tr	A0A8H2WG40	A0A8H2WG40_9AGAM	LD
tr	A0A8H2WMS4	A0A8H2WMS4_9AGAM	LD
tr	M5BU78|M5BU78_THACB		LD
tr	A0A8H3CAA9	A0A8H3CAA9_9AGAM	VD
tr	A0A8H3ANE1	A0A8H3ANE1_9AGAM	LD
tr	A0A8H8NNI8	A0A8H8NNI8_9AGAM	LD
tr	A0A4T0P7F5	A0A4T0P7F5_9BASI	
tr	A0A166F6P8	A0A166F6P8_9AGAM	YTSS
tr	A0A5E3WQC8	A0A5E3WQC8_9AGAM	YTSS
tr	A0A5E3X438	A0A5E3X438_9AGAM	EDKR
tr	A0A5E3WUH3	A0A5E3WUH3_9AGAM	EDKR
tr	G4T531|G4T531_SERID		RR
tr	A0A0C2XKC5	A0A0C2XKC5_SERVB	T.NV
tr	G4TML3|G4TML3_SERID		SS
tr	A0AAD4LXK9	A0AAD4LXK9_9AGAM	PY
tr	A0A8K0XK66	A0A8K0XK66_9AGAR	S
tr	A0A316Z0U7	A0A316Z0U7_9BASI	
tr	A0A316VAT0	A0A316VAT0_9BASI	NV
tr	A0A9W8MT54	A0A9W8MT54_9AGAR	SD
tr	A0A137QWX9	A0A137QWX9_9AGAR	
tr	A0A165NY92	A0A165NY92_9APHY	

tr	A0A4R0RLA3	A0A4R0RLA3_9APHY	.....P G G G S Q
tr	A0A8H5HZH8	A0A8H5HZH8_9AGAR	.....G.....
tr	A0A8H5MD99	A0A8H5MD99_9AGAR	..SS..G S G S G S G Y G G Q G G Q G S G S G S S S G S.....G T G S . G S G S G Y G G G G Q G S G
tr	A0A0F4YG29	A0A0F4YG29_TALEM	.....T.....
tr	A0A0U5GNN7	A0A0U5GNN7_ASPCI	.....P H.....
tr	A0A1R3RIL6	A0A1R3RIL6_ASPC5	.....
tr	A0A395H201	A0A395H201_9EURO	.....N T.....
tr	A0AAD5YR10	A0AAD5YR10_9AGAR	.....D E . V S T.....
tr	A0A8H5BJC3	A0A8H5BJC3_9AGAR	.....V S Q.....
tr	A0A0W0GEQ8	A0A0W0GEQ8_MONRR	.....
tr	A0AAD6SDH4	A0AAD6SDH4_9AGAR	.....F K V L E L A P R.....
tr	A0AAD7DI93	A0AAD7DI93_MYCRO	.....M F V R R.....
tr	A0A4S4LV58	A0A4S4LV58_9AGAM	Y K P E R K E R K E E Y K K D E Y K P E
tr	W4JT48|W4JT48_HETIT		Y G K D N Y G K D K Y G K D V Y G K D E Y G R D
tr	A0AAD4LT59	A0AAD4LT59_9AGAM	.....M A V I K.....
tr	A0A401GU04	A0A401GU04_9APHY	.....L F G R Q T L V . T.....
tr	R7S187|R7S187_PUNST		.....A S N.....
tr	A0A067SDJ9	A0A067SDJ9_GALM3	.....A.....
tr	A0A0C2SS39	A0A0C2SS39_AMAMK	H K H H G D G G D D K G D D G H D S Y E T N
tr	A0A9W9ATQ1	A0A9W9ATQ1_9AGAR	.....S A T P F R E T N.....
tr	A0A2P2HCE6	A0A2P2HCE6_ASPPA	.....
tr	A0A3N4KVN0	A0A3N4KVN0_9PEZI	I V G N N G Q N
tr	A0A3M2TGY8	A0A3M2TGY8_9EURO	.....
tr	A0A8H4MFK6	A0A8H4MFK6_9EURO	.....
tr	A0A9P4Y6D6	A0A9P4Y6D6_CRYPA	.....A T S T.....
tr	Q0CIJ2|Q0CIJ2_ASPTN		N G A G N G I G
tr	A0A5M3Z630	A0A5M3Z630_ASPTN	N G A G N G I G
tr	A0A9P7KWI2	A0A9P7KWI2_9HYPO	.....
tr	A0A1L7THC5	A0A1L7THC5_FUSMA	.....
tr	A0A9Q9R8P4	A0A9Q9R8P4_GIBFU	.....
tr	S0DQB3|S0DQB3_GIBF5		.....
tr	A0A1M2VN03	A0A1M2VN03_TRAPU	.....V S T.....
tr	A0A5C2S0C7	A0A5C2S0C7_9APHY	.....
tr	A0A4P9X324	A0A4P9X324_9FUNG	I T T
tr	A0A4P9X8A1	A0A4P9X8A1_9FUNG	V V R G A A G V P E A N A D A V E A

[illegible]

tr	A0A4R0RLA3	A0A4R0RLA3_9APHY	.....GLLGG.....GGGS.....
tr	A0A8H5HZH8	A0A8H5HZH8_9AGAR	.....GGSGSGSGTGS...GSGSG...GSGSG...GSGSGYGGG...GQGS.....
tr	A0A8H5MD99	A0A8H5MD99_9AGAR	PSS.....LSPSL.....
tr	A0A0F4YG29	A0A0F4YG29_TALEM	IHS.....LNVPLSP...SKPSP.....
tr	A0A0U5GNN7	A0A0U5GNN7_ASPCI	.Q.....S...TPSS.....
tr	A0A1R3RIL6	A0A1R3RIL6_ASPC5	NT.....A...PTPS.....
tr	A0A395H201	A0A395H201_9EURO	NQS.....VTS.....GAE.....GQYTIETTE...SPPRR.....
tr	A0AAD5YR10	A0AAD5YR10_9AGAR	PSSFNDSDWHNT.QIDV.....SQG.....WNSGLENRA...SRCEK.....
tr	A0A8H5BJC3	A0A8H5BJC3_9AGAR	.....KTINSV...LKARA.....
tr	A0A0W0GEQ8	A0A0W0GEQ8_MONRR	PVP.....WRHRYPSSA...RAAAP.....
tr	A0AAD6SDH4	A0AAD6SDH4_9AGAR	PVQ.....SRERLSANR...IKASF.....
tr	A0AAD7DI93	A0AAD7DI93_MYCRO	RKE.....RKEEYKKDE...YKPXR.....
tr	A0A4S4LV58	A0A4S4LV58_9AGAM	RDGYDDHG.....R.....DHY.....GQDRYGHDD...YDPDH.....
tr	W4JT48|W4JT48_HETIT		GQV.....IALGSPV...QKALS.....
tr	A0AAD4LT59	A0AAD4LT59_9AGAM	VKK.....TSYISPP...HPPHP.....
tr	A0A401GU04	A0A401GU04_9APHY	AER.....MKRGLPP...LPPRR.....
tr	R7S187|R7S187_PUNST		AKA.....KEAAPVP...MPQVK.....
tr	A0A067SDJ9	A0A067SDJ9_GALM3	AQR.....LARGLPP...NPPVR.....
tr	A0A0C2SS39	A0A0C2SS39_AMAMK	GER.....LARGLPP...LPPQK.....
tr	A0A9W9ATQ1	A0A9W9ATQ1_9AGAR	.....K...AGDSK.....
tr	A0A2P2HCE6	A0A2P2HCE6_ASPPA	AGN.....AASNSGK...VNGDL.....
tr	A0A3N4KVN0	A0A3N4KVN0_9PEZI	.....TTTGT.....
tr	A0A3M2TGY8	A0A3M2TGY8_9EURO	.....EPQLPL...LDPGM.....
tr	A0A8H4MFK6	A0A8H4MFK6_9EURO	PSS.....VGS GSGS...VPGGT.....
tr	A0A9P4Y6D6	A0A9P4Y6D6_CRYPA	NQG.....NSQTRFR...APEDM.....
tr	Q0CIJ2|Q0CIJ2_ASPTN		NQG.....NSQTRFR...APEDM.....
tr	A0A5M3Z630	A0A5M3Z630_ASPTN	.....EVKRYP...SIDQI.....
tr	A0A9P7KWI2	A0A9P7KWI2_9HYPO	.....AAGVGP...SINTW.....
tr	A0A1L7THC5	A0A1L7THC5_FUSMA	.....AAGPGP...SINTW.....
tr	A0A9Q9R8P4	A0A9Q9R8P4_GIBFU	.....AAGPGP...SINTW.....
tr	S0DQB3|S0DQB3_GIBF5		.....SKP...VS.....
tr	A0A1M2VN03	A0A1M2VN03_TRAPU	.....SHP...FL.....
tr	A0A5C2S0C7	A0A5C2S0C7_9APHY	.....VKP...ATPTL.....
tr	A0A4P9X324	A0A4P9X324_9FUNG	QGG.....EGDGAEP...ADGAM.....
tr	A0A4P9X8A1	A0A4P9X8A1_9FUNG	

tr	A0AAD6Z265	A0AAD6Z265_9AGAR	.GGG.....YGG.....GGGAGSG.SGG.....
tr	A0A0D0C548	A0A0D0C548_9AGAR	.....STTWAP.SSS.....DTPS
tr	A0A0D0CDA3	A0A0D0CDA3_9AGAR	.....SSSD...DT.....ATST
tr	J4H3V5|J4H3V5_9APHY		PS.....GIPTELP.TSLPTGIPTDL.PISLPSGIPDTLPTS..LPVGLPTIIP
tr	A0A5C3N3C0	A0A5C3N3C0_9AGAM	PT.....IIPDTLP.TVIPTDLPSGI.PTIIPTGIPTDLPTI..IPTIIP
tr	W4KGP9|W4KGP9_HETIT		.....S.....PMP..SFAP.FPV.....VSPIKLS
tr	A0A4V3XGG2	A0A4V3XGG2_9AGAM	.....V.....VSPIKLS
tr	A0A2H3CLV3	A0A2H3CLV3_ARMGA	.....V.....VSPIKLS
tr	A0AA39MHX1	A0AA39MHX1_9AGAR	.....A.....VSPIKLS
tr	A0A284S0F8	A0A284S0F8_ARMOS	SNRQITDSSSVSAVLPALP.HVEETDDAVIKGNQVV.....
tr	A0A2H3AST0	A0A2H3AST0_9AGAR	.....PAA..PAAPAAPA.....AP.AAPA
tr	A0AA39N8T8	A0AA39N8T8_9AGAR	SSRQVTTTLP..VLSSVLP.LVESKDAAVITGAVSP..VVGVPVLP.....VS.SITS
tr	A0AA39MDX0	A0AA39MDX0_9AGAR	.....TGIIPT..GIIPTLPT.....GS.LPTL
tr	A0AA39JIE7	A0AA39JIE7_ARMTA	.....TGIIPT..GIIPTLPT.....GT.LPTL
tr	A0A2H3CM01	A0A2H3CM01_ARMGA	.....TGIIPT..GIIPTL.....
tr	A0A2H3CRN5	A0A2H3CRN5_ARMGA	.....TGIIPT..GIIP.....TL
tr	A0AA39MG27	A0AA39MG27_9AGAR	.....TGIIPT..GIIPTLPT.....GI.IPTL
tr	A0A284S0E6	A0A284S0E6_ARMOS	.....TGIIPT..GIIPTLPT.....GI.IPTL
tr	A0A2H3ASU1	A0A2H3ASU1_9AGAR	.....IPT.....GI.IPTL
tr	A0AA39J370	A0AA39J370_9AGAR	.....IPT.....GI.IPTL
tr	A0AA39MFN3	A0AA39MFN3_9AGAR	.....IPT.....GI.IPTL
tr	A0A284SBE2	A0A284SBE2_ARMOS	.....IPT.....GI.IPTL
tr	A0A284SBE9	A0A284SBE9_ARMOS	.....IPT.....GI.IPTL
tr	A0A369JRG4	A0A369JRG4_HYPMA	.....AD.....
tr	A0A8H4QKS9	A0A8H4QKS9_9AGAR	.....PSSAFG.SIS..SPPGGPATSPAPG.....S
tr	A0A8S0VRF0	A0A8S0VRF0_CYCAE	.....LLADLL.SED.....ADGHIPEVTGS
tr	A0A165SB06	A0A165SB06_9AGAM	.....LLADLL.SED.....ADGHIPEVTGS
tr	D8PLD0|D8PLD0_SCHCM		.....P.....AHTP.PAH..TPP..AHTPPAHT.....PPAH.TPPAHTPPA
tr	sp	O74300|SC6_SCHCO	.....ANR.....FARGLP.PMR.....PMRRATPVAG.....TYKIIHQLPKM
tr	A0A9P5PEB9	A0A9P5PEB9_9AGAR	.....ADR.....LARGLP.PLP.....PTVRS.PTR.....
tr	A0A409X9U2	A0A409X9U2_PSCY	.....ANR.....LARGLT.PLP.....PVRRATPVG.....
tr	A0A9P8AXH7	A0A9P8AXH7_9AGAR	.....SQR.....YKSWTD.LSS..GSSAPSFQTHYYQT..SYQFFSLRTI IKMFARL
tr	A0A8H5HJ20	A0A8H5HJ20_9AGAR	.....KKQ.....TMEWKP.TSE...LA...FAFIPLPQ.....TF.TMFARLSAF
tr	A0A4Y7SH30	A0A4Y7SH30_COPMI	.....PHQ.....SPPPSK.SPH.....SPPPPPSPPK
tr	A8NVT0|A8NVT0_COPC7		.....AQR.....LSRGLP.IA.....M.....AAAPGG
tr	A0AA39PT22	A0AA39PT22_9AGAR	.....P.VP...APGPGPAPVPVPV.....PQHPQPPQ
tr	A0A0H2SDR2	A0A0H2SDR2_9AGAM	.....HRL.....LVLVLK.LSN..M.....QFK..TIFVTSALATL
tr	A0A0H2RCN5	A0A0H2RCN5_9AGAM	.....ARQ.....LIPGLP.LPD...LPILPGLPDLPIPGLPDLPLPSLPLDLPLPELPLGL
tr	A0A5M3N543	A0A5M3N543_CONPW	.....PI...LPDLPIPLPDLPIPGLPDLPLPSLPLDLPLPELPLGL
tr	A0A0C9W5V3	A0A0C9W5V3_SPHS4	.....RALFP.....CGRHPQ.....
tr	A0A409WBU2	A0A409WBU2_9AGAR	.....T.....
tr	A0A4Y7SGG8	A0A4Y7SGG8_COPMI	.....VP.....GVPGA
tr	A0A4Y7SN80	A0A4Y7SN80_COPMI	.....VP.....GVPGA
tr	A0A1C7MKD9	A0A1C7MKD9_GRIFR	.....T.....
tr	A0A0C3PUW2	A0A0C3PUW2_PHLG1	.....TT.....
tr	A0A8H5LRI0	A0A8H5LRI0_9AGAR	.....Q...TN...TKTTTLAITTTVPVT
tr	A0AAD7X4P7	A0AAD7X4P7_9APHY	.....Q...TN...TKTTTLAITTTVPVT
tr	A0A0W0FD42	A0A0W0FD42_MONRR	.....TPPPVTT.....KTTT
tr	V2X426|V2X426_MONRO		.....TPPPVTT.....KTT.T
tr	D8Q768|D8Q768_SCHCM		.....TPPPVTT.....KT..TT
tr	A0AA39QHGO	A0AA39QHGO_9AGAR	.....VTKPITT.....TV..TQPVTITVPVT
tr	A0A8S0WFB7	A0A8S0WFB7_CYCAE	.....VTKPVT.....TVTK...PTTVPVT
tr	A0A9W8N0S2	A0A9W8N0S2_9AGAR	.....VTKPVT.....TVVVTPQVTTITVPVT
tr	A0A9P6E978	A0A9P6E978_9AGAR	.....VTKPVT.....TVVVTPQTTVI..TT
tr	A0A9P6E998	A0A9P6E998_9AGAR	.....TTVVVPVTS..AVP.....
tr	A0A9P6E9F9	A0A9P6E9F9_9AGAR	.....TSVVPVITS..SVPVTVTTTTTVPVPVT
tr	A0A137QVQ9	A0A137QVQ9_9AGAR	.....ATT..TA...STTVTKSTTITVPVT
tr	A0A8H5FSA3	A0A8H5FSA3_9AGAR	.....SVT..TS...TSTVTSVTATVPT
tr	A0A9P6C2G2	A0A9P6C2G2_9AGAR	.....T.....VSTTVTSTVGT
tr	A0AAD5YWI2	A0AAD5YWI2_9AGAR	.....K..T...VTSVSTTATVT
tr	A0A8S0XPJ5	A0A8S0XPJ5_CYCAE	.....GDG.....DSSDGGDDGD.DS.D...DG
tr	A0A9W8N0X7	A0A9W8N0X7_9AGAR	.....GNG.....HG.NG.....NG
tr	A0A5P8PBG9	A0A5P8PBG9_9HYPO	.....GNG.....NG.NGNGNGN.GN.G...GG
tr	A0A7D5AKE8	A0A7D5AKE8_9HYPO	.....GNG.....NG.NGNGNGN.GN.G...NG
tr	A0A7D5AU90	A0A7D5AU90_9HYPO	.....DG.....YSRNGYNG.D.CE.D...GN
tr	N1PH52|N1PH52_DOTSN		.....GNG.....G.SGG.NGGS.....GG
tr	A0A0C2EW62	A0A0C2EW62_9PEZI	.....ENG.....GENGGENG.D.NN.G...GN
tr	A0A2G5HAF4	A0A2G5HAF4_CERBT	.....NNG.....GSNGSGSNGGS.SN.G...GS
tr	F9XMQ8|F9XMQ8_ZYMTI		.....EDA.....SNHFDY.....
tr	A0AAD4HKV4	A0AAD4HKV4_9AGAM	.....QIHP.....HPHPHSSSSPP.PLPVMS..RISAFLP IAVAVA
tr	A0A8I2YKL8	A0A8I2YKL8_9AGAM	
tr	A0A2R6NS81	A0A2R6NS81_9APHY	
tr	K5VYC8|K5VYC8_PHACS		
tr	A0A8H3EEN7	A0A8H3EEN7_9AGAM	.....P.P.....
tr	A0A0K6GHI2	A0A0K6GHI2_9AGAM	.....GEN.....RGFVNSGL.S.....
tr	A0A8H3GSJ0	A0A8H3GSJ0_9AGAM	.....ENN.....KRFLNFGR.P.....
tr	A0A8H2WG40	A0A8H2WG40_9AGAM	.....ERS.....KRLLNFGR.P.....
tr	A0A8H2WMS4	A0A8H2WMS4_9AGAM	.....KGD.....KRLLNFGR.P.....
tr	M5BU78|M5BU78_THACB		.....KGD.....KRLLNFGR.P.....
tr	A0A8H3CAA9	A0A8H3CAA9_9AGAM	.....EKN.....KRLLNFGR.P.....
tr	A0A8H3ANE1	A0A8H3ANE1_9AGAM	.....GHN.....KRLLNFGR.P.....
tr	A0A8H8NNI8	A0A8H8NNI8_9AGAM	.....GHN.....KRLLNFGR.P.....
tr	A0A4TOP7F5	A0A4TOP7F5_9BASI	.....TQK.....KSYYI.KM.....
tr	A0A166F6P8	A0A166F6P8_9AGAM	.....DEPA.....TYED.PDEAEL.....
tr	A0A5E3WQC8	A0A5E3WQC8_9AGAM	.....DAEP.....SY.....DAYED.PDMAEA.....
tr	A0A5E3K438	A0A5E3K438_9AGAM	.....EEKP.....AY.....QAEAK.PC.DDY.....
tr	A0A5E3WUH3	A0A5E3WUH3_9AGAM	.....MQ.....HE.....YKAPK.PC.KDY.....
tr	G4T531|G4T531_SERID		.....DEP.....SIDDEDLDY.....GL
tr	A0A0C2XKC5	A0A0C2XKC5_SERVB	.....R.....LGRRRRSP.....KT
tr	G4TML3|G4TML3_SERID		.....R.....GVNILESRT.....RK
tr	A0AAD4LXK9	A0AAD4LXK9_9AGAM	.....EEKP.....HPEAEDKKYPD.PSSDDKG..KI
tr	A0A8K0XK66	A0A8K0XK66_9AGAR	.....DNNGTPPGV.D.TN...R
tr	A0A316Z0U7	A0A316Z0U7_9BASI	.....L.....AGTG.....L
tr	A0A316VAT0	A0A316VAT0_9BASI	.....KTAP.....LRMD.....T
tr	A0A9W8MT54	A0A9W8MT54_9AGAR	.....V.....
tr	A0A137QWX9	A0A137QWX9_9AGAR	
tr	A0A165NY92	A0A165NY92_9APHY	.....AKVGASLFR.....

tr	A0A4R0RLA3	A0A4R0RLA3_9APHY	.....PTPP.....AGGGSGGSYP...SGGS.....G.....
tr	A0A8H5HZH8	A0A8H5HZH8_9AGAR	.....TSST.....GNTGSSAGWGD.PS.....
tr	A0A8H5MD99	A0A8H5MD99_9AGAR	.....GSGS.....SGSGSGSGYGG.QGGQ.....G.....
tr	A0A0F4YG29	A0A0F4YG29_TALEM	.....SSPPSS.....
tr	A0A0U5GNN7	A0A0U5GNN7_ASPCI	.....TMPT.....GDSVASTKASSLT.....
tr	A0A1R3RIL6	A0A1R3RIL6_ASPC5	.....TSINTPEALE.....
tr	A0A395H201	A0A395H201_9EURO	.....STLTTPALE.....
tr	A0AAD5YR10	A0AAD5YR10_9AGAR	.....LC.K.LTVTRDAQTKVSIF....A..PTAKT.MRSAILFAVLPAA
tr	A0A8H5BJC3	A0A8H5BJC3_9AGAR	.....LFLE.MVAATDS....CKFTGP.F..QTYDS.LIMQFKFLTVAAL
tr	A0A0W0GEQ8	A0A0W0GEQ8_MONRR	.....SLH..TTSKVHLALTKTYKRL.S..VDFDS.SNGQFKLFSV..A
tr	A0AAD6SDH4	A0AAD6SDH4_9AGAR	.....PTRRDQM.....KQ.K..VEFK.....E..
tr	A0AAD7DI93	A0AAD7DI93_MYCRO	.....VLSH.SSLEIHL.....QF.K..LSYKP.SMFSKLSVVVTSV
tr	A0A4S4LV58	A0A4S4LV58_9AGAM	.....KXE.NEH.RDEYKP.ERKDDH.H..DEYKS.ERMDF.....
tr	W4JT48|W4JT48_HETIT		.....RGH.GDFDGDYRG.....Q..DDYDP.DHDDY.....
tr	A0AAD4LT59	A0AAD4LT59_9AGAM	.....TIRV.....N.....HTL.Q..I.FFR.MMFYKPLISLVAA
tr	A0A401GU04	A0A401GU04_9APHY	.....SFEHPFTAPTSTHTLAST....IPPIT.MFALRTLA.....
tr	R7S187|R7S187_PUNST		.....PYAPTATYGAKRQEPSGSTA.....
tr	A0A067SDJ9	A0A067SDJ9_GALM3	.....ETPKSNKDGKDKGKNGKD.G..N..KD.GNK.....
tr	A0A0C2SS39	A0A0C2SS39_AMAMK	.....RGAS.NTDSAEHHHPGKPHGD.G..DDSYD.GTHVRRDA...SG
tr	A0A9W9ATQ1	A0A9W9ATQ1_9AGAR	.....RSGT.PVYAAK.....
tr	A0A2P2HCE6	A0A2P2HCE6_ASPPA	.....ALQ.....
tr	A0A3N4KVN0	A0A3N4KVN0_9PEZI	.....TIQ.....
tr	A0A3M2TGY8	A0A3M2TGY8_9EURO	.....ALA.....
tr	A0A8H4MFK6	A0A8H4MFK6_9EURO	.....TIK.....
tr	A0A9P4Y6D6	A0A9P4Y6D6_CRYPA	.....TLG.....
tr	Q0CIJ2|Q0CIJ2_ASPTN		.....TVQ.....
tr	A0A5M3Z630	A0A5M3Z630_ASPTN	.....TVQ.....
tr	A0A9P7KWI2	A0A9P7KWI2_9HYPO	.....TVA.....
tr	A0A1L7THC5	A0A1L7THC5_FUSMA	.....TVQ.....
tr	A0A9Q9R8P4	A0A9Q9R8P4_GIBFU	.....TVK.....
tr	S0DQB3|S0DQB3_GIBF5		.....TVK.....
tr	A0A1M2VN03	A0A1M2VN03_TRAPU	.....TGEP.....VSTAIPASTT.....
tr	A0A5C2S0C7	A0A5C2S0C7_9APHY	.....P.....VPKPTAVV.....
tr	A0A4P9X324	A0A4P9X324_9FUNG	.....QVHP.....VATPSYTDKS.....
tr	A0A4P9X8A1	A0A4P9X8A1_9FUNG	.....KEGQ.....WKHPKH.....

			1	10	20
tr	A0AAD6Z265	A0AAD6Z265_9AGAR	.....MFPKLSL	..AV....	T.AVLATLAVASLTNFPSP.PT
tr	A0A0D0C548	A0A0D0C548_9AGAR	..GGGAGSGSGGGGAGGGGAGGGGGQPSST	C..ST....	G.ALQCC..NSVQKASS.P.
tr	A0A0D0CDA3	A0A0D0CDA3_9AGAR	..GGGQGGGGQGGGGQGGGGQGGGGQPS	C..ST....	G.ALQCC..NSVQKASS.Q.
tr	J4H3V5|J4H3V5_9APHY		.....STPPSPSPS.....APSPSSAGGQ	C..NT....	G.PIQCC..SNLVAPSD...
tr	A0A5C3N3C0	A0A5C3N3C0_9AGAM	.....SSSTPSPST.....DSDTSSPNGQ	C..NS....	G.TPQCC..GSVTTASD...
tr	W4KGP9|W4KGP9_HETIT		S.I...IPTITILSIPALP...TGTLTPGSQ	C..DT....	G.PVQCC..QSGTAGD...
tr	A0A4V3XGG2	A0A4V3XGG2_9AGAM	DLP...IPSITFSLPALP...T.SIIPGSQ	C..DT....	G.SIQCC..NSAGTATD...
tr	A0A2H3CLV3	A0A2H3CLV3_ARMGA	PMPST.PFPVGS...FLPRGG.ADT	CT.VT....	G.NVQCC..ESTQSPTD.L.
tr	A0AA39MHX1	A0AA39MHX1_9AGAR	PMPST.PFPVGS...FLPRGG.ADA	CT.AT....	G.NVQCC..ESTQSPSD.L.
tr	A0A284S0F8	A0A284S0F8_ARMOS	PMPST.PFPVGS...FLPRGG.VDA	CT.AT....	G.NVQCC..ESTQSPSD.L.
tr	A0A2H3AST0	A0A2H3AST0_9AGAR	PMPST.PFPVGS...FLPRGG.ADA	CT.AT....	G.NVQCC..ESTQSPSD.L.
tr	A0AA39NST8	A0AA39NST8_9AGAR	.....TVSPVISP...VLPRGG....	C..S....	G.TVQCC..DSTQASD.L.
tr	A0AA39MDX0	A0AA39MDX0_9AGAR	APPA.A.PAAPSPA...APASGGNGAAC	CT.AT....	G.TAQCC..ASTQSTTD.L.
tr	A0AA39JIE7	A0AA39JIE7_ARMTA	STQDI...TGSVAISS...VLPRGGDGAT	C..TT....	G.TAQCC..DSTESASA.L.
tr	A0A2H3CM01	A0A2H3CM01_ARMGA	PTGIIP.TGIPTGV...IPSGGEGEAA	C..AT....	G.SVQCC..DSTQSPTD.L.
tr	A0A2H3CRN5	A0A2H3CRN5_ARMGA	PTGIIP.TGIPTGV...IPSGGEGEVA	C..AT....	G.SVQCC..DSTQSTTD.L.
tr	A0AA39MG27	A0AA39MG27_9AGAR	.....PTGI...IPSGGEGEAA	C..AT....	G.SAQCC..ESTQSPTD.L.
tr	A0A284S0E6	A0A284S0E6_ARMOS	PTGIIP.PGIPTGV...IPSGGEGEAA	C..AT....	G.SAQCC..DSTQSPTD.L.
tr	A0A2H3ASU1	A0A2H3ASU1_9AGAR	PTGIIP.PGIPTGV...IPSGGEGEAA	C..AT....	G.SAQCC..DSTQSPTD.L.
tr	A0AA39J370	A0AA39J370_9AGAR	PTGIIP.PGIPTGV...IPSGGEGEAA	C..AT....	G.SAQCC..DNTQSPTD.L.
tr	A0AA39MFN3	A0AA39MFN3_9AGAR	PTGVI...PTGV...IPSGGEGEAA	C..AT....	G.SAQCC..DSTQSPTD.L.
tr	A0A284SBE2	A0A284SBE2_ARMOS	PTGIIP.PGIPTGV...IPSGGEGEAA	C..TT....	G.SAQCC..ESTQSPTD.L.
tr	A0A284SBE9	A0A284SBE9_ARMOS	PTGIIP.PGIPTGV...IPSGGEGEAA	C..TT....	G.SAQCC..ESTQSTTD.L.
tr	A0A369JRG4	A0A369JRG4_HYPMA	.....L...SASA...GHHRRGSQYQ	C..NT....	G.PVQCC..NQLAES.Q...
tr	A0A8H4QKS9	A0A8H4QKS9_9AGAR	.....KV...VDLK...LKRGRDITDS	C..NS....	G.PVQCC..NQVDS.H...
tr	A0A8S0VRF0	A0A8S0VRF0_CYCAE	.....F...VAAA...PAPQGGISNS	C..NT....	G.PVQCC..NSLYES.E...
tr	A0A165SB06	A0A165SB06_9AGAM	.....GSDSG...SSPAPGPTTSQ	C..NT....	G.TVQCC..QQLQSA.G...
tr	D8P1D0|D8P1D0_SCHCM		STEEATSSS...TWSGAS...SKPTDSAPTQ	C..NS....	G.TLQCC..ESTTEAKD...
tr	O74300|SC6_SCHCO		STEEATSSS...TWSGAS...SKPTDSAPTQ	C..NS....	G.TLQCC..ESTTEAKD...
tr	A0A9P5PEB9	A0A9P5PEB9_9AGAR	YTPPAHTPPAHTPAYP...PAPAPQPGNK	C..TT....	G.PIQCC..QETQASE.AA
tr	A0A409X9U2	A0A409X9U2_PSI	YNP...NIPLGAR...RSSPSNVSGS	C..NT....	G.SIQCC..NSVQKA.D...
tr	A0A9P8AXH7	A0A9P8AXH7_9AGAR	.....VVR...KSSPSGAPSQ	C..ST....	G.SLQCC..DSVESS.T...
tr	A0A8H5HJ20	A0A8H5HJ20_9AGAR	.....AAR...RSSPSGTPYQ	C..ST....	G.PVQCC..NSLTTS.S...
tr	A0A4Y7SH30	A0A4Y7SH30_COPMI	.....EAAQTHHPTLHGFPQGQFWTSA	C..TQ....	G.RSAA...GTIQEP.S...
tr	A8NV0T|A8NV0T_COCF		SSALVAFLLA...ASAMA...AP.TSGVVAQ	C..NG....	G.VVQCC..NEMQSSTS.L.
tr	A0AA39PT22	A0AA39PT22_9AGAR	T...IAVLTLPLASATV...LPR.GGTGSS	C..SS....	G.TLQCC..SSVQDP.A...
tr	A0A0H2SDR2	A0A0H2SDR2_9AGAM	PPVKNKPKPSKVTTT...TPTPTQAPQC	C..NT....	G.AIQCC..ESVQQA....
tr	A0A0H2RCN5	A0A0H2RCN5_9AGAM	TPTTSTVTVTVTT...TATATPLSQ	C..AA....	S.AVQCC..ETITSTT.S...
tr	A0A5M3N543	A0A5M3N543_CONPW	SNRGPISKAYEKRRHKPS...TP...TSTGW	C..TT....	G.SAQCC..ESVESAS.S...
tr	A0A0C9W5V3	A0A0C9W5V3_SPHS4	PKPTVTTTTVTTAQTAA...TAVSQ	C..NT....	G.KTQCC..NTTQKA.S...
tr	A0A409WBU2	A0A409WBU2_9AGAR	AAATQTVTVTVV.APPSP...TP...PPASQ	C..NT....	G.GLQCC..NSVQQAAS...
tr	A0A4Y7SGG8	A0A4Y7SGG8_COPMI	PDL...PSLP...LPHELP...LP...IGAGE	C..NT....	G.PIQCC..STIQEK.D...
tr	A0A4Y7SN80	A0A4Y7SN80_COPMI	PDLPLPLPDL...LPHELP...LP...IGAGE	C..NT....	G.PIQCC..STIQEK.D...
tr	A0A1C7MKD9	A0A1C7MKD9_GRIFR	PEQPTVTVTVTAPAA...PT...SAGD	C..NV....	S.DIQCC..NSVIDS.N...
tr	A0A0C3PUW2	A0A0C3PUW2_PHLG1	TPATVTTTITVTAAPAA...VT...AVNQ	C..NT....	G.SIQCC..QGVQSA.S...
tr	A0A8H5LRI0	A0A8H5LRI0_9AGAR	.....TPTVTIT...VATAP...PAATPPASS	C..ST....	G.PIQCC..NSVSQA.T...
tr	A0A0W0FD42	A0A0W0FD42_MONRR	PSVPSVPSTPSTPSTPS...SPGHSDGHGQ	C..NT....	G.DIQCC..NSVQKA.D...
tr	V2X426|V2X426_MONRO		PSVPSVPSTPSTPSTPS...SPGHSDGHGQ	C..NT....	G.DIQCC..NSVQKA.D...
tr	D8Q768|D8Q768_SCHCM		TTTPVTTTTVTTPST...TTIA...AGGT	C..TT....	G.SLQCC..NQVQSA.S...
tr	A0AA39QH0	A0AA39QH0_9AGAR	TTQTVTTT...VTASGAT...TTV...TASS	C..SE....	G.NMQCC..NSLQSG.N...
tr	A0A8S0WFB7	A0A8S0WFB7_CYCAE	TKVPVTTTTVT.VKPPSP...TST...PISQ	C..NT....	G.AIQCC..NDIQRA.N...
tr	A0A9W8N0S2	A0A9W8N0S2_9AGAR	TKVPVTTTTVT.VKPPSP...TST...PISQ	C..NT....	G.AIQCC..NDVQLA.N...
tr	A0A9P6E978	A0A9P6E978_9AGAR	VITPVTITTVT.VTPPSA...PTV...PASQ	C..NT....	G.PVQCC..NSVQQA.G...
tr	A0A9P6E998	A0A9P6E998_9AGAR	VITPVTITTVT.VTPPSA...PTV...PASQ	C..NT....	G.PVQCC..NSVQQA.G...
tr	A0A9P6E9F9	A0A9P6E9F9_9AGAR	VITPVTITTVT.VTPPSA...PTV...PASQ	C..NT....	G.PVQCC..NSVQQA.G...
tr	A0A137QVQ9	A0A137QVQ9_9AGAR	TTKPVTITTVTVPSTPS...TTA...PASQ	C..NT....	G.DLQCC..NSVQSA.S...
tr	A0A8H5FSA3	A0A8H5FSA3_9AGAR	TTKPVTITTVTVPSTPS...TTA...PASQ	C..NT....	G.SLQCC..NSVQSA.S...
tr	A0A9P6C2G2	A0A9P6C2G2_9AGAR	TTKPVTITTVTVPSTPS...TTA...PASQ	C..NT....	G.DLQCC..NSVQSA.S...
tr	A0AAD5YWI2	A0AAD5YWI2_9AGAR	TTKGVPTTITTTAPPTQ...TTT...PASQ	C..NT....	G.DLQCC..NSVQAA.S...
tr	A0A8S0XPJ5	A0A8S0XPJ5_CYCAE	.....TTVVVTSPPAT...TTIGGSPSNQ	C..NT....	G.DVQCC..DEFVQA.G...
tr	A0A9W8N0X7	A0A9W8N0X7_9AGAR	TTVPVTITTVTVPSTPS...TTVGG.TSGQ	C..ST....	G.PVQCC..KFVQSA.T...
tr	A0A8H5F853	A0A8H5F853_9AGAR	KLAALTTTLAIVTLAA...TPTGTDPNSQ	C..NT....	G.SAQCC..NSVQNA.D...
tr	A0A8H5F0B7	A0A8H5F0B7_9AGAR	TTQPVTTTTVTVPSTPS...TTVASGSPNQ	C..NT....	G.SIQCC..NSVQPA.S...
tr	A0A0D2NF10	A0A0D2NF10_HYPSF	VPVTTTTVTVPSTPS...TTVGGSPSNQ	C..NT....	G.SIQCC..NSLQSA.S...
tr	A0A9P5YZS9	A0A9P5YZS9_9AGAR	TKVPVTITTVTVPSTPS...TTVPSGSPNQ	C..NT....	G.SLQCC..NSVQSA.S...
tr	A0A9P5Z096	A0A9P5Z096_9AGAR	STSIGTTTTVTVPSTPS...TTVPSGSPNQ	C..NT....	G.SLQCC..NSVQSA.T...
tr	A0A9P8KYJ7	A0A9P8KYJ7_9HYPO	.....SDGSDGERSQ...TNLC	C..PAV.ISG	I.AKCC...STN
tr	A0A5P8PBG9	A0A5P8PBG9_9HYPO	.....NGNGNGNTSG...GAV	C..PAG.LYS	NFQCC...STL
tr	A0A7D5AKE8	A0A7D5AKE8_9HYPO	.....NGNGNTTNG...SPL	C..PSG.LYS	NFQCC...ATD
tr	A0A7D5AU90	A0A7D5AU90_9HYPO	.....NGNGNGNGNS...SPL	C..PAG.LFS	NFQCC...STD
tr	N1PH52|N1PH52_DOTS		.....CDSRDGDYGG...NFR	C..PG.LAA	VPQCC...ELN
tr	A0A0C2EW62	A0A0C2EW62_9PEZI	.....NG.GSGNGGSIAYEAC	C..PSGLIGS	YPQCC...TVD
tr	A0A2G5HAF4	A0A2G5HAF4_CERBT	.....NGGNGNGNGGGQ...AMV	C..P...LQY	FAQCC...ATN
tr	F9XMQ8|F9XMQ8_ZYMTI		.....NGGSGNG...GKF...QCSA	C..P...LQY	SPQCC...AVN
tr	A0AAD4HKV4	A0AAD4HKV4_9AGAM	.....RRLVENDTQWEGQ...NTPMLRQ	C..NT....	.....QRQ.RE
tr	A0A8I2YKL8	A0A8I2YKL8_9AGAM	.....S.SARMERHMHVRRDTPNQ	C..NT....	G.AVKCC...NSVTNVGF.RC
tr	A0A2R6NS81	A0A2R6NS81_9APHY	.....A.AVARNTA...PA	C..NPTTACC	.....SSTVSST.IY
tr	K5VYC8|K5VYC8_PHACS		.....TVAGAGSP...GE	C..APTLLT	.....
tr	A0A8H3EEN7	A0A8H3EEN7_9AGAM	.....SGDFSKAAT...PT	C..G.RRYCC	.....KHVRRYDD.PK
tr	A0A0K6GHI2	A0A0K6GHI2_9AGAM	.....STDSSSQVGA...ST	C..G.RRYCC	.....KYVRKYTD.PR
tr	A0A8H3GSJ0	A0A8H3GSJ0_9AGAM	.....SGGFTPKADT...SA	C..G.RRYCC	.....KDVRRKYSD.SR
tr	A0A8H2WG40	A0A8H2WG40_9AGAM	.....SGGFSPKGNN...PA	C..G.RRYCC	.....KHVRKYSD.SR
tr	A0A8H2WMS4	A0A8H2WMS4_9AGAM	.....SGGFSPKGNT...PA	C..G.RRYCC	.....KHVRKYSD.SR
tr	M5BU78|M5BU78_THACB		.....SGGFSPKGNT...PA	C..G.RRYCC	.....KHVRKYSD.SR
tr	A0A8H3CAA9	A0A8H3CAA9_9AGAM	.....SGGFSPKGNT...PA	C..G.RRYCC	.....KHVRKYSD.SR
tr	A0A8H3ANE1	A0A8H3ANE1_9AGAM	.....SGGFSPKGNT...PA	C..G.RRYCC	.....KHVRKYSD.SR
tr	A0A8H8NNI8	A0A8H8NNI8_9AGAM	.....SGGFSPKGNT...PA	C..G.RRYCC	.....KHVRKYSD.SR
tr	A0A4T0P7F5	A0A4T0P7F5_9BASI	.....VNTFOIASIAA...TTFAYT	C..TSEKQGR	.....QBIHWKNA.A.
tr	A0A166F6P8	A0A166F6P8_9AGAM	.....AAYMKDQYQPAEAKT...NK	C..G.DLQCC	.....NSVQSAKS.TD
tr	A0A5E3WQC8	A0A5E3WQC8_9AGAM	.....EYMYMKDQYQPAEAKT...NK	C..G.DVQCC	.....NSVQSAKS.TD
tr	A0A5E3K438	A0A5E3K438_9AGAM	.....SCYSDSEYVPA.PVSD	C..SK....	G.DLQCC...NQVQANT.VD
tr	A0A5E3WUH3	A0A5E3WUH3_9AGAM	.....SCYTDSEYVPA.PVGT	C..SK....	G.DLQCC...NQVQSAKT.VD
tr	G4T531|G4T531_SERID		.....DKRHRDVRDSGEAANEAS	C..NV....	G.EAQCC...QSIHQSN.RN
tr	A0A0C2XKC5	A0A0C2XKC5_SERVB	.....PSQPEFINSQAETGA	C..NV....	G.TAQCC...QSLHTSG.LA
tr	G4TML3|G4TML3_SERID		.....NTQPOQVNSPQASNEGS	C..SV....	G.TAQCC...QSLHTQD.LQ
tr	A0AAD4LXK9	A0AAD4LXK9_9AGAM	.....RKPNKYKNRKS DGKPGQ	C..AV....	E.DQHCC...DSIDSVKH.AR
tr	A0A8K0XK66	A0A8K0XK66_9AGAR	.....GGSGGGGDEPTDPAPIC	C..SG....	G.TIKCC...SEFFSGAY.DT
tr	A0A316Z0U7	A0A316Z0U7_9BASI	.....DGRGERPKRGRDVKGD	C..SQ....	G.SVQCC...DQITINDS.Q.KK
tr	A0A316VAT0	A0A316VAT0_9BASI	.....QKRQGGASGDVVNVNGN	C..SQ....	G.KVQCC...DTIMSG.Q.QA
tr	A0A9W8MT54	A0A9W8MT54_9AGAR	.....RDGHEELFD	C..VP....	ERELFC...GALAPAST.VT
tr	A0A137QWX9	A0A137QWX9_9AGAR	.....VAPSAAKNC	C..S....	G.SKAQCC...NQIIPASD.AP
tr	A0A165NY92	A0A165NY92_9APHY	.....RGSSSGGAGS	C..NA....	G.ANYCC...NSVTNASN.AD

tr	A0A4R0RLA3	A0A4R0RLA3_9APHY	.....G.....GS...GSGGQ	C	..NT...	NSSPY	CC	...NK	TGSKDD	.IG
tr	A0A8H5HZH8	A0A8H5HZH8_9AGAR	.....QGSSSGSSGATIA	C	..NT...	G	SL	SCC	...DQ	VQVSNG.TN
tr	A0A8H5MD99	A0A8H5MD99_9AGAR	.....SGSGSGSGSGAGDPGNI	C	..ST...	G	SL	QCC	...NS	VAKSSS.SG
tr	A0A0F4YG29	A0A0F4YG29_TALEM	.....P.AVA.VTKSTPHPNPPKKT	C	P..AN...	A	PRH	CC	...ES	IQELTH..S
tr	A0A0U5GNN7	A0A0U5GNN7_ASPCI	.....H.TLATLIAHDASASYDLTT	C	PMTH...	A	SR	QCC	...T	SITKLAD..D
tr	A0A1R3RIL6	A0A1R3RIL6_ASPC5	.....S.AISNIIVQETITDFNNST	C	PPSH...	R	SK	QCC	...ES	IDNIAD..Q
tr	A0A395H201	A0A395H201_9EURO	.....S.AISKIIVQETLADYSNNT	C	PPSH...	R	SK	QCC	...ES	IDNIAD..Q
tr	A0AAD5YR10	A0AAD5YR10_9AGAR	...LVSAEF.....VARGDGYGDGSTGGS	C	..NT...	G	SV	QCC	...NS	VQDASS.EG	
tr	A0A8H5BJC3	A0A8H5BJC3_9AGAR	...A.....SLAAANPLEVRQAGQ	C	..NT...	G	PI	QCC	...NA	VRPASD.PL	
tr	A0A0W0GEQ8	A0A0W0GEQ8_MONRR	.....FLASLAAATTIPASP	C	..TT...	G	PI	QCC	...NS	SKDLADG.PT
tr	A0AAD6SDH4	A0AAD6SDH4_9AGAR	.....FIGIEPNTGSSFW	C	..DR...	T	SP	QCC	...NS	VVPSTN.AA
tr	A0AAD7DI93	A0AAD7DI93_MYCRO	.....LITLAAAIPNTTTPVPT	C	..PP...	T	SN	QCC	...NS	VVPASS.SA
tr	A0A4S4LV58	A0A4S4LV58_9AGAM	.....RMDEYKNEKVVKVKNQ	C	..NA...	G	PVH	CC	...D	IEDVHS.ES
tr	W4JT48|W4JT48_HETIT		.....DNDGYS...NDYESQ	C	..NS...	G	PI	QCC	...N	TVEDASS.DA
tr	A0AAD4LT59	A0AAD4LT59_9AGAM	...LAATSTAV.ASAIPERRDDPVP	C	IPASQ	..DT...	G	TL	SCC	...D	LTNSND.PA
tr	A0A401GU04	A0A401GU04_9APHY	.....VLAL.AAAALARPQSSSQ	C	..DS...	G	SI	ACC	...D	STYDPESY.E
tr	R7S187|R7S187_PUNST		.....SQCPESG	..T...	NLLCC	...G	SV	TT	PDN	.PE
tr	A0A067SDJ9	A0A067SDJ9_GALM3FNY.KDG..KGKNAPKTM	C	DAGT	..NT...	G	PV	QCC	...D	ATYESNS.HE
tr	A0A0C2SS39	A0A0C2SS39_AMAMK	...TDSAEHHH.PSGK.PHKGHGGG	DDDDK	C	..KT...	G	AI	QCC	...NS	VSNSAN.PV
tr	A0A9W9ATQ1	A0A9W9ATQ1_9AGAR	.....RTGPSSSPGK	C	..ST...	G	PV	QCC	...E	NAGTVDSSPI
tr	A0A2P2HCE6	A0A2P2HCE6_ASPPA	.....KVAEGK	C	..DI...	G	NT	ACC	...N	VHEEKD.ER
tr	A0A3N4KVN0	A0A3N4KVN0_9PEZI	.....QATTTTCG	..N...	A	QL	NCC	...NK	VEKKGD	...
tr	A0A3M2TGY8	A0A3M2TGY8_9EURO	.....TFLDTFA	..TK...	I	PP	TFA	...GE	VTYRQD	...
tr	A0A8H4MFK6	A0A8H4MFK6_9EURO	.....EAARKCG	..DE...	A	QL	SCC	...G	RAVKAGD	...
tr	A0A9P4Y6D6	A0A9P4Y6D6_CRYPA	.....QAQQACG	..DD...	S	VL	SCC	...N	QETESGD	...
tr	Q0CIJ2|Q0CIJ2_ASPTN		.....QASKKCG	..DN...	M	QL	SCC	...NK	ETAAGD	...
tr	A0A5M3Z630	A0A5M3Z630_ASPTN	.....QASKKCG	..DN...	M	QL	SCC	...NK	ETAAGD	...
tr	A0A9P7KWI2	A0A9P7KWI2_9HYPO	.....QANNACG	..NN...	M	QV	NCC	...NK	VNTQT	...
tr	A0A1L7THC5	A0A1L7THC5_FUSMA	.....QASNSCA	..NG...	Q	SV	YCC	...NK	VTNKPA	...
tr	A0A9Q9R8P4	A0A9Q9R8P4_GIBFU	.....QAANSCA	..NG...	Q	SV	YCC	...NK	VTNKPA	...
tr	S0DQB3|S0DQB3_GIBF5		.....QAANSCA	..NG...	Q	SV	YCC	...NK	VTNKPA	...
tr	A0A1M2VN03	A0A1M2VN03_TRAPU	.....TAVSTAPPVHPSSSTPGPH	C	..SR...	G	SL	QCC	...E	KLKHVT..PG
tr	A0A5C2S0C7	A0A5C2S0C7_9APHY	.....PE.LLAPLNGNAPREAQQ	C	..NT...	G	TI	QCC	...N	HMVSNQNS.PK
tr	A0A4P9X324	A0A4P9X324_9FUNGPATYAAGYHEEHRGSGST	C	..GN...	G	DI	HCC	...D	Q	TIDNDS.SG
tr	A0A4P9X8A1	A0A4P9X8A1_9FUNGPQRSQHNVS	AHGDKSAQCA	..SH...	Q	K	SYCC	...N	Q	TVAPDA.PG

			30		40		50		60			
tr	A0AAD6Z265	A0AAD6Z265_9AGAR			HAEAAAGVLAL	I	G...	VVLDD...	AVVPVGLSY	SPI	TVS...	
tr	A0A0D0C548	A0A0D0C548_9AGAR			QAQSVLSGL	L	G...	IVLQN...	PDVLVGLTC	SPI	TVVDL...	
tr	A0A0D0CDA3	A0A0D0CDA3_9AGAR			KAQDA.LGL	V	G...	VVLKN...	LNVLVGLTC	SPI	TVVDL...	
tr	J4H3V5|J4H3V5_9APHY				PRASSLLDL	V	G...	LVVHD...	IDNVVGLGC	EG	LV...	
tr	A0A5C3N3C0	A0A5C3N3C0_9AGAM			PAASGLLDLM	L	D...	LTVDP...	NSLVGLRC	T...		
tr	W4KGP9|W4KGP9_HETIT				PGIASVLSL	I	G...	VVVED...	LDVVVGVTC	AP	IDVVGL...	
tr	A0A4V3XGG2	A0A4V3XGG2_9AGAM			PLIAAALSA	I	G...	IDVED...	ANVLVGLDC	SPI	SVVGI...	
tr	A0A2H3CLV3	A0A2H3CLV3_ARMGA			SPSITSLGSL	L	G...	VDISD...	LIGNVGVTC	STI	AIVGP...	
tr	A0AA39MHX1	A0AA39MHX1_9AGAR			SSHVTSLGSL	L	G...	VDISD...	LIGNVGVTC	STI	AIVGP...	
tr	A0A284S0F8	A0A284S0F8_ARMOS			SSHVTSLGSL	L	G...	VDISD...	LIGNVGVTC	STI	AIVGP...	
tr	A0A2H3AST0	A0A2H3AST0_9AGAR			SPHVTSLGSL	L	G...	VDISD...	LVGNVGVTC	STI	AIVGP...	
tr	A0AA39NST8	A0AA39NST8_9AGAR			STSTLTFLGL	L	G...	VVVSD...	LTANVGLTC	SPI	SVIGV...	
tr	A0AA39MDX0	A0AA39MDX0_9AGAR			SAPVSTLLGL	L	G...	VVVQD...	LTGNVGLSC	SPI	TVIGV...	
tr	A0AA39JIE7	A0AA39JIE7_ARMTA			SPAVATLLGL	L	G...	VVVSD...	IAANVGVTC	SPI	SVIGV...	
tr	A0A2H3CM01	A0A2H3CM01_ARMGA			SAPVSSLLGL	L	G...	VVAGQ...	LTGNVGVSC	SPI	TVIGL...	
tr	A0A2H3CRN5	A0A2H3CRN5_ARMGA			SAPVSSLLGL	L	G...	VVAGQ...	LTGNVGVSC	SPI	TVIGL...	
tr	A0AA39MG27	A0AA39MG27_9AGAR			TAPVSTLLGL	L	G...	VVAGQ...	LTGNVGVSC	SPI	TVIGL...	
tr	A0A284S0E6	A0A284S0E6_ARMOS			TAPVSTLLGT	L	G...	VVVQD...	LTGSVGVSC	TP	ITVIGL...	
tr	A0A2H3ASU1	A0A2H3ASU1_9AGAR			TAPVSTLLGT	L	G...	VVVQD...	LTGSVGVSC	TP	ITVIGL...	
tr	A0AA39J370	A0AA39J370_9AGAR			TAPVSTLLGT	L	G...	VVVQD...	LTGSVGVSC	TP	ITVIGL...	
tr	A0AA39MFN3	A0AA39MFN3_9AGAR			SAPVSTLLGL	L	G...	VVAGQ...	LTGNVGVSC	SPI	TVIGL...	
tr	A0A284SBE2	A0A284SBE2_ARMOS			SAPVSTLLGL	L	G...	VVAGQ...	LTGNVGVSC	TP	ITVIGL...	
tr	A0A284SBE9	A0A284SBE9_ARMOS			SAPVSTLLGL	L	G...	VVAGQ...	LTGNVGVSC	SPI	TVIGL...	
tr	A0A369JRG4	A0A369JRG4_HYPMA			SGAATAILAV	V	G...	LSAQG...	LTGOVGLDC	SPI	SVVGV...	
tr	A0A8H4QKS9	A0A8H4QKS9_9AGAR			SEESNALHSL	V	G...	AVVNP...	VTAAGLSC	NP	ITAIGV...	
tr	A0A8S0VRF0	A0A8S0VRF0_CYCAE			SEQGNILKTL	V	G...	IATGP...	IGAFVGAQC	SPI	ISAIGL...	
tr	A0A165SB06	A0A165SB06_9AGAM			SPEHTTSLGL	L	G...	LFGLD...	ANLPIGVGC	SPI	IPVGL...	
tr	D8PLD0|D8PLD0_SCHCM				IDRVLLSTL	L	G...	VDVGS...	ITGLIGKNC	SP	SVVGV...	
tr	O74300|SC6_SCHCO				IDRVLLSTL	L	G...	VDVGS...	ITGLIGKNC	SP	SVVGV...	
tr	A0A9P5PEB9	A0A9P5PEB9_9AGAR			DDYTSTLLAF	I	G...	VDVGD...	LTGLVGLDC	SG	VNAGV...	
tr	A0A409X9U2	A0A409X9U2_PSCY			SGLVGLLEGL	L	G...	ILIP...	IGTSIGQNC	SPI	SAVGV...	
tr	A0A9P8AXH7	A0A9P8AXH7_9AGAR			SSVVAALLGL	L	G...	IHLGS...	TAVNVGMTC	SPI	SVIGI...	
tr	A0A8H5HJ20	A0A8H5HJ20_9AGAR			NPASTLIGL	L	G...	VVVGQ...	NVAVGLTC	SPI	SVIGI...	
tr	A0A4Y7SH30	A0A4Y7SH30_COPMI			NPGIAPLLAV	G		ISTQG...	LSGVVGSNC	SPI	SVIGL...	
tr	A8NVT0|A8NVT0_COPC7				EAPTAGLLSL	L	G...	IDLSG...	LTGOVGLTC	TP	TVIGV...	
tr	A0AA39PT22	A0AA39PT22_9AGAR			SSAVQTALAP	L	G...	LNLDG...	ITADVGLTC	DP	ITVIGV...	
tr	A0A0H2SDR2	A0A0H2SDR2_9AGAM			KGMSNILLDL	L	G...	VVDD...	LTADIGTNC	SPI	SLVGL...	
tr	A0A0H2RCN5	A0A0H2RCN5_9AGAM			DPITSLVLGL	L	D...	IVIEG...	LNVPIGINC	SP	PTVGA...	
tr	A0A5M3N543	A0A5M3N543_CONPW			NPVAKTLLGL	L	G...	IVLSD...	LDVLVGLTC	SPI	INILGL...	
tr	A0A0C9W5V3	A0A0C9W5V3_SPHS4			DPEAAKMLGD	L	G...	VVVGQ...	INVLVGLGC	TE	VPVIAG...	
tr	A0A409WBU2	A0A409WBU2_9AGAR			VPIVGPILSL	L	G...	IVVEP...	ITALVGVNC	SPI	IDLGI...	
tr	A0A4Y7SGG8	A0A4Y7SGG8_COPMI			VPLVGTLLGL	L	G...	VNIGE...	INALIGITC	SPI	SVIGV...	
tr	A0A4Y7SN80	A0A4Y7SN80_COPMI			VPLVGTLLGL	L	G...	VNIGE...	INALIGITC	SPI	SVIGV...	
tr	A0A1C7MKD9	A0A1C7MKD9_GRIFR			SASASLLGL	L	G...	VVLGD...	ITGLIGLNC	SPI	SVVGV...	
tr	A0A0C3PUW2	A0A0C3PUW2_PHLG1			LASSGLLGL	L	G...	IVLST...	LDVLVGLQC	SPI	QIVGI...	
tr	A0A8H5LR10	A0A8H5LR10_9AGAR			SAAVAVLTGL	L	G...	IVLSS...	LTGOVGVNC	TP	ISVIGV...	
tr	A0AAD7X4P7	A0AAD7X4P7_9APHY			DPVSTLLGL	L	G...	VVVEG...	IDATIGVQC	SPI	SVGI...	
tr	A0A0W0FD42	A0A0W0FD42_MONRR			SADATEILGL	L	G...	IVVQN...	VNALVGLNC	NP	ISGIGI...	
tr	V2X426|V2X426_MONRO				SADATEILGL	L	G...	IVVQN...	VNALVGLNC	NP	ISGIGI...	
tr	D8Q768|D8Q768_SCHCM				SSPVTALLGL	L	G...	IVLSD...	LNVLVGLISC	SPI	TVIGV...	
tr	A0AA39QHGO	A0AA39QHGO_9AGAR			SSVVGTLGL	L	G...	VVLSD...	VTVLVGLTC	TP	ITVGL...	
tr	A0A8S0WFB7	A0A8S0WFB7_CYCAE			TKIIVTGLLGL	L	G...	VVINE...	VTVLVGLTC	SPI	SVIGI...	
tr	A0A9W8N0S2	A0A9W8N0S2_9AGAR			TKIIVTGLLGL	L	G...	VVINE...	VTVLVGLTC	SPI	SVIGI...	
tr	A0A9P6E978	A0A9P6E978_9AGAR			APDAKALLGL	L	N...	IDVSD...	ITALVGLTC	TP	SLIGI...	
tr	A0A9P6E998	A0A9P6E998_9AGAR			APDAKALLGL	L	N...	IDVSD...	ITALVGLTC	VP	ITLIGI...	
tr	A0A9P6E9F9	A0A9P6E9F9_9AGAR			SPEAKALLGL	L	N...	IDVSD...	ITALVGLTC	DP	ISVIGV...	
tr	A0A137QVQ9	A0A137QVQ9_9AGAR			SGPASLLGL	L	G...	IVLKD...	LSVLVGLNC	SPI	SVIGK...	
tr	A0A8H5FSA3	A0A8H5FSA3_9AGAR			SGAVGLLLGL	L	G...	VVLSD...	LTVLVGLTC	SPI	SVIGV...	
tr	A0A9P6C2G2	A0A9P6C2G2_9AGAR			SNVAVLLGL	L	G...	VVLSD...	VTVLVGLTC	SPI	SVIGV...	
tr	A0AAD5YWI2	A0AAD5YWI2_9AGAR			SNVAVLLGL	L	G...	VVLSD...	LTALVGLTC	SPI	SVIGV...	
tr	A0A8S0XPJ5	A0A8S0XPJ5_CYCAE			SGPVSFILSL	L	G...	IVVFN...	LDALVGLTC	SPI	NVIGA...	
tr	A0A9W8N0X7	A0A9W8N0X7_9AGAR			SSKASALLGL	L	G...	IVLSS...	LDVPMGMD	SPI	NVLGS...	
tr	A0A8H5F853	A0A8H5F853_9AGAR			SKSTASLLTL	L	G...	IVAGS...	LTGOVGVTC	SPI	TVIGA...	
tr	A0A8H5F0B7	A0A8H5F0B7_9AGAR			SSAASLLGL	L	G...	IVVSD...	LTALVGLTC	SPI	SAVG...	
tr	A0A0D2NF10	A0A0D2NF10_HYPSF			SSAVSGILGL	L	G...	IVVGT...	VTVLVGVTC	SPI	TAIGV...	
tr	A0A9P5YZS9	A0A9P5YZS9_9AGAR			SSAVTALLGL	L	G...	VVVS...	VTVLVGLTC	SPI	SVIGV...	
tr	A0A9P5Z096	A0A9P5Z096_9AGAR			SSSIAGILGL	L	G...	IVVGS...	ITGLVGVTC	SPI	TVIGA...	
tr	A0A9P8KYJ7	A0A9P8KYJ7_9HYPO							VLDLNLDC	VSP	NKEPK...	
tr	A0A5P8PBG9	A0A5P8PBG9_9HYPO							VLGI	VGLDC	STP	TSV.Q...
tr	A0A7D5AKE8	A0A7D5AKE8_9HYPO							VLGLADLDC	AVP	STTPH...	
tr	A0A7D5AU90	A0A7D5AU90_9HYPO							VLGLADLDC	NVP	STPPH...	
tr	N1PH52|N1PH52_DOTSN								AAGVVSATC	KNP	SRTPD...	
tr	A0A0C2EW62	A0A0C2EW62_9PEZI							ILDVLSLDC	KP	VTRPT...	
tr	A0A2G5HAF4	A0A2G5HAF4_CERBT							VLGLAGLSC	GNV	PNTIT...	
tr	F9XMQ8|F9XMQ8_ZYMTI								ALGVASLPC	NAP	TRDIE...	
tr	A0AAD4HKV4	A0AAD4HKV4_9AGAM			FRI...	I	Q...	DETFYGL	GLVDVPVADAVGLTC	SG	VKVVG...	
tr	A0A8I2YKL8	A0A8I2YKL8_9AGAM			LPIDYHSRLR	PRKASDIATVLD...			LLSYSDPADSVGLDC	TP	FNIYG...	
tr	A0A2R6NS81	A0A2R6NS81_9APHY			PSD.FDDALNYLVKSDSAQIA...	ALS.		SIAYVLSGLAVPIGLDC	SPI	SVVG...		
tr	K5VYC8|K5VYC8_PHACS				PAA.I...	ASRPHPI...		LPE.	TGDIVPQNLNIVIGLGC	SPI	TAAG...	
tr	A0A8H3EEN7	A0A8H3EEN7_9AGAM			NT...	GLLDG...			VLLNDSIT.NGLVGLTC	DL	IVSSL...	
tr	A0A0K6GHI2	A0A0K6GHI2_9AGAM			NV...	GLLDS...			TLPLDASLNNLLVGFTC	DL	ITGSL...	
tr	A0A8H3GSJ0	A0A8H3GSJ0_9AGAM			NA...	GLLDG...			ALVQDGLLNDVLMGLTC	DL	IAGNL...	
tr	A0A8H2WG40	A0A8H2WG40_9AGAM			NA...	NLLDG...			ALVQDGLLNDVLMGLTC	DL	IAGTL...	
tr	A0A8H2WMS4	A0A8H2WMS4_9AGAM			NA...	NLLDG...			ALVQDGLLNDVLMGLTC	DL	IAGTL...	
tr	M5BU78|M5BU78_THACB				NA...	NLLDG...			ALVQDGLLNDVLMGLTC	DL	IAGTL...	
tr	A0A8H3CAA9	A0A8H3CAA9_9AGAM			NA...	GLLDG...			ALVQDGLLNDVLMGLTC	DL	IAGSL...	
tr	A0A8H3ANE1	A0A8H3ANE1_9AGAM			NA...	NLLDG...			ALVQDGLLNDVLMGLTC	DL	IAGTL...	
tr	A0A8H8NNI8	A0A8H8NNI8_9AGAM			NA...	NLLDG...			ALVQDGLLNDVLMGLTC	DL	IAGTL...	
tr	A0A4T0P7F5	A0A4T0P7F5_9BASI				F...			ISTGDIVSLSLNC	NN	TA...L...	
tr	A0A166F6P8	A0A166F6P8_9AGAM			FS...	KVLSSD...	VYS.	VIPDMMAGSNAPVGLTC	SPI	IQSLS...		
tr	A0A5E3WQC8	A0A5E3WQC8_9AGAM			FS...	KILTSD...	MY.	LFPDALAGSNAPVGLTC	SPI	LIQDLS...		
tr	A0A5E3K438	A0A5E3K438_9AGAM			FE...	QFADSE...	VE.	LIPNLRGSNAPVGLAC	SPI	INDLS...		
tr	A0A5E3WUH3	A0A5E3WUH3_9AGAM			FE...	QFKASE...	YE.	LIPNALRGSNAPVGLAC	SPI	IADTS...		
tr	G4T531|G4T531_SERID				G...	QFLRSL...	LGL.	ALPA...	GGGMGAQC	TP	LANLLA...	
tr	A0A0C2XKC5	A0A0C2XKC5_SERVB			S...	QGMFGQL...	LAA.	SIPL...	DQLMVGLQC	SP	IAGVIP...	
tr	G4TML3|G4TML3_SERID				S...	QGFFGQL...	LGA.	SIPL...	DDLMLVGVQC	TP	LDLVP...	
tr	A0AAD4LXK9	A0AAD4LXK9_9AGAM			AMG...			MT...	QLLT.LLDITGNHTNC	SP	YSSI...	
tr	A0A8K0XK66	A0A8K0XK66_9AGAR			VSL...	EAQ...	TAL	LFY...	GLPA...	DSP	GLVSAC...	
tr	A0A316Z0U7	A0A316Z0U7_9BASI						KTLAGL	LV...	N...	DVVGQ...	
tr	A0A316VAT0	A0A316VAT0_9BASI						KTISL	LDL...	D...	SLASNI...	
tr	A0A9W8MT54	A0A9W8MT54_9AGAR			ATD...	A...	LSL	GV...	AV...	QDVTANVGLGC	SPI	TAIGV...
tr	A0A137QWX9	A0A137QWX9_9AGAR			NNA...	SLV...	SLGL	IGV...	AV...	KDLTANVGLQC	TT	VNLGL...
tr	A0A165NY92	A0A165NY92_9APHY			EST...	T...	GILNA	IGV...	DLS...	DTLNNVGLGC	TS	LV...

tr	A0A4R0RLA3	A0A4R0RLA3_9APHY	ASS.....GILGGILSGV	LGE..GL.....	LGSGC	SPL	..LS....		
tr	A0A8H5HZH8	A0A8H5HZH8_9AGAR	..S.....GDIANIISGM	LGT..GIP.I.SLPTGLG	VGLNC	AAI	..L....		
tr	A0A8H5MD99	A0A8H5MD99_9AGAR	..A.....QTAAGL.AGI	.....PVLGDID.VKSI	IGISC	TPM	.....	
tr	A0A0F4YG29	A0A0F4YG29_TALEM	VTDG.....LSDLL.....	.....PWVSGVK.VSSSL	IGLQC	KGM	.....	
tr	A0A0U5GNN7	A0A0U5GNN7_ASPCI	TTSQ.....LGDIV.....	.....PWISGVD.VSSV	LGLDC	YAMA	.....	
tr	A0A1R3RIL6	A0A1R3RIL6_ASPC5	VTDG.....IGQIL.....	.....PWIEGIE.VSSV	LGLDC	YAMA	.....	
tr	A0A395H201	A0A395H201_9EURO	VTGG.....LGELV.....	.....IALGP...ITGL	IGCKS	RIRIL	.....	
tr	A0AAD5YR10	A0AAD5YR10_9AGAR	VSQL.....TGL.....	LG...IVVQD...PNLP	VGVNL	QP	.....	
tr	A0A8H5BJC3	A0A8H5BJC3_9AGAR	FMHS.....LRL.....	LI...VLVQS...ADVL	VGIAC	NPIDV	.....	
tr	A0A0W0GEQ8	A0A0W0GEQ8_MONRR	ACIL.....LGL.....	LG...LDLSG...LSVP	IGLSC	SPIIT	.....	
tr	A0AAD6SDH4	A0AAD6SDH4_9AGAR	ATAV.....AAL.....	ASAV.....AGL.....	LG...LDLSG...LLVD	VGLSC	SPIITV	.....
tr	A0AAD7DI93	A0AAD7DI93_MYCRO	ASAV.....AGL.....	VSKA.....LGL.....	LDGALALGN...MEVP	MGLNC	SPVAG	.....
tr	A0A4S4LV58	A0A4S4LV58_9AGAM	VSKA.....LGL.....	LG...LVIQG...LNVP	IGLDC	TPISAGAA	.....	
tr	W4JT48|W4JT48_HETIT		AAAA.....LGL.....	LG...IILGH...SIG	VGLTC	TPIS	.....	
tr	A0AAD4LT59	A0AAD4LT59_9AGAM	AI.A.....VGA.L.....	ID...QTNLP...AGKV	VATSC	GGGIS	.....	
tr	A0A401GU04	A0A401GU04_9APHY	AQFI.....MKALN.....	LD...IMLGD...VTL	VGLDC	TVLD	.....	
tr	R7S187|R7S187_PUNST		ASGI.....LVD.....	GD...IAQGP...DTL	MASCS	SPMG	.....	
tr	A0A067SDJ9	A0A067SDJ9_GALM3	ANMF.....QGI.M.....	VKTI.....AGL.V.....	KA...KLPTD...NIP	IGLGC	SAI	.....
tr	A0A0C2SS39	A0A0C2SS39_AMAMK	VKTI.....AGL.V.....	FALL.....LEL.L.....	GI...V.LDG...DVN	VASDC	SPIIT	.....
tr	A0A9W9ATQ1	A0A9W9ATQ1_9AGAR	FALL.....LEL.L.....	LFNL.....VKQGLI.....	D...IL.AG...NEDYA	C	AKSGVIDERNLF	.....
tr	A0A2P2HCE6	A0A2P2HCE6_ASPPA	LFNL.....VKQGLI.....	.TTS.....AG.L.....	LG...SV.FGSG...D	LGVC	SPIINVAA	.....
tr	A0A3N4KVN0	A0A3N4KVN0_9PEZI	.TTS.....AG.L.....	.INS.....GNAGL...LGL	LN...N.AGGSP.GAGV	VFNQC	NNLN	.....
tr	A0A3M2TGY8	A0A3M2TGY8_9EURO	.INS.....GNAGL...LGL	.VTS.....VDEGIGSGLLKNL	AG...G.GSGIS...SIL	AFDQC	SKLDAQIAV	..L	
tr	A0A8H4MFK6	A0A8H4MFK6_9EURO	.VTS.....VDEGIGSGLLKNL	.TNT.....EASGLL...SGL	LG...GILDGA.GLGL	LSGC	SKISILGEADRP	.....
tr	A0A9P4Y6D6	A0A9P4Y6D6_CRYPA	.TNT.....EASGLL...SGL	.TTD.....IPDGPLADALKGV	LG...GAGSGSE..GLGL	LLEQC	GKLD..II	.....
tr	Q0CIJ2|Q0CIJ2_ASPTN		.TTD.....IPDGPLADALKGV	.GNA.....IGNGP.....	LG...GAGSGSE..GLGL	LLEQC	GKLD..II	.....
tr	A0A5M3Z630	A0A5M3Z630_ASPTN	.GNA.....IGNGP.....	.GNS.....VGDGA.....	.....ELLN..GLSL	LFDC	SKLNLNVI	.....
tr	A0A9P7KWI2	A0A9P7KWI2_9HYPO	.GNS.....VGDGA.....	.GNS.....VGDGA.....	.....GIAN..GLSL	LFSC	SKLVDNVI	.....
tr	A0A1L7THC5	A0A1L7THC5_FUSMA	.GNS.....VGDGA.....	.GNS.....VGDGA.....	.....GIAN..GLSL	LFSC	SKLVDNVI	.....
tr	A0A9Q9R8P4	A0A9Q9R8P4_GIBFU	.GNS.....VGDGA.....	.GNS.....VGDGA.....	.....GIAN..GLSL	LFSC	SKLVDNVI	.....
tr	S0DQB3|S0DQB3_GIBF5		.GNS.....VGDGA.....	NATE.....TDHT...SLRDGLATIPRO	AGVKC	QPIKT	LL	.....
tr	A0A1M2VN03	A0A1M2VN03_TRAPU	NATE.....TDHT...SLRDGLATIPRO	WQSH.....LNKAVARTLSAD	AG...SFQG...D	LGFE	NTI	..NVF
tr	A0A5C2S0C7	A0A5C2S0C7_9APHY	WQSH.....LNKAVARTLSAD	AGL.....NLG.....	GLT	AGVNC	VPIITA	AVL
tr	A0A4P9X324	A0A4P9X324_9FUNG	AGL.....NLG.....	VGI.....SLLD...NLF	IGLEC	LP	ININLL	.....
tr	A0A4P9X8A1	A0A4P9X8A1_9FUNG	VGI.....SLLD...NLF					

			70	80
tr	A0AAD6Z265	A0AAD6Z265_9AGAR	.....G.NNWCSTQVTCNSPQ..GQ	.....TG
tr	A0A0D0C548	A0A0D0C548_9AGAR	.....G.NNGCSAQAVCCEDN..SH	.....GG
tr	A0A0D0CDA3	A0A0D0CDA3_9AGAR	.....G.NNGCSAQAVCCEDN..SY	.....GG
tr	J4H3V5|J4H3V5_9APHY		.....GGGSISITPVCCENN..SF	.....NG
tr	A0A5C3N3C0	A0A5C3N3C0_9AGAM	.....VGLDNCQAQPVCCENT..QQ	.....NG
tr	W4KGP9|W4KGP9_HETIT		.....GSGATCDADPLCCEDN..NF	.....NS
tr	A0A4V3XGG2	A0A4V3XGG2_9AGAM	.....GSGATWSVASILRLR..WV	.....LI
tr	A0A2H3CLV3	A0A2H3CLV3_ARMGA	.....ISITQCDSDVVCNDN..TF	.....NG
tr	A0AA39MHX1	A0AA39MHX1_9AGAR	.....ISVTQCDNVVCCNDN..SF	.....NG
tr	A0A284S0F8	A0A284S0F8_ARMOS	.....ISVTQCDSDVVCNDN..TF	.....NG
tr	A0A2H3AST0	A0A2H3AST0_9AGAR	.....ISVTQCDSDVVCNDN..TF	.....NG
tr	A0AA39NST8	A0AA39NST8_9AGAR	.....GGTSCSSQTVCENN..SF	.....NG
tr	A0AA39MDX0	A0AA39MDX0_9AGAR	.....GGTQCNQVVCDDNN..NF	.....VR
tr	A0AA39JIE7	A0AA39JIE7_ARMTA	.....GGNSCSSQTVCENN..HF	.....NG
tr	A0A2H3CM01	A0A2H3CM01_ARMGA	.....GGTSCSNQVVCDDSN..NF	.....NG
tr	A0A2H3CRN5	A0A2H3CRN5_ARMGA	.....GGTSCSNQVVCDDSN..NF	.....NG
tr	A0AA39MG27	A0AA39MG27_9AGAR	.....GSTQCSNQVVCDDSN..NF	.....NG
tr	A0A284S0E6	A0A284S0E6_ARMOS	.....GSTQCSNQVVCDDGN..NF	.....NG
tr	A0A2H3ASU1	A0A2H3ASU1_9AGAR	.....GSTQCSNQVVCDDSN..NY	.....NG
tr	A0AA39J370	A0AA39J370_9AGAR	.....GSTQCSNQVVCDDGN..NY	.....NG
tr	A0AA39MFN3	A0AA39MFN3_9AGAR	.....GSTQCSNQVVCDDSN..NF	.....NG
tr	A0A284SBE2	A0A284SBE2_ARMOS	.....GSTQCSNQVVCDDGN..NF	.....NG
tr	A0A284SBE9	A0A284SBE9_ARMOS	.....GSTQCSNQVVCDDGN..NF	.....NG
tr	A0A369JRG4	A0A369JRG4_HYPMA	.....GSGANCATQPVCCDKN..KI	.....GG
tr	A0A8H4QKS9	A0A8H4QKS9_9AGAR	.....GSGAQCNNSPVCCGTGN..HM	.....NG
tr	A0A8S0VRF0	A0A8S0VRF0_CYCAE	.....GSGASCNSPVCCSNN..KF	.....NG
tr	A0A165SB06	A0A165SB06_9AGAM	.....AQGAQTATPVCCENN..SS	.....GGPLN
tr	D8PLD0|D8PLD0_SCHCM		.....GAGSTCSTQTVCCDGD..SF	.....DG
sp	O74300|SC6_SCHCO		.....GAGSTCSTQTVCCDGD..SF	.....DG
tr	A0A9P5PEB9	A0A9P5PEB9_9AGAR	.....GGTCTATVCCEDN..SD	.....GG
tr	A0A409X9U2	A0A409X9U2_PSIY	.....G.GN SCTQPVCCDSN..HF	.....NG
tr	A0A9P8AXH7	A0A9P8AXH7_9AGAR	.....G.GN SCSTQTVCCENN..SF	.....NG
tr	A0A8H5HJ20	A0A8H5HJ20_9AGAR	.....G.GN SCSTQTVCCENN..NF	.....NG
tr	A0A4Y7SH30	A0A4Y7SH30_COPMI	.....G.SGTCVVRQLCCNTNN..NF	.....NG
tr	A8NV0|A8NV0_COPC7		.....GGGS SCNNQVCCNNNN..NF	.....NG
tr	A0AA39PT22	A0AA39PT22_9AGAR	.....G.SNCSAQAVCCGTQ..NY	.....NG
tr	A0A0H2SDR2	A0A0H2SDR2_9AGAM	.....S.SGECNASPVCCENN..SF	.....NG
tr	A0A0H2RCN5	A0A0H2RCN5_9AGAM	.....G.STSCNVEPLCCENN..TF	.....NG
tr	A0A5M3N543	A0A5M3N543_CONPW	.....G.LGECWEKPVCCENN..DF	.....GG
tr	A0A0C9W5V3	A0A0C9W5V3_SPHS4	.....AVGPNCAQPVCCENN..QF	.....NG
tr	A0A409WBU2	A0A409WBU2_9AGAR	.....GAGGACTAPVCCQNN..SF	.....HG
tr	A0A4Y7SGG8	A0A4Y7SGG8_COPMI	.....P.GNCSAQPVCCKDN..SF	.....NG
tr	A0A4Y7SN80	A0A4Y7SN80_COPMI	.....P.GN SCSTQPVCCEDN..SF	.....NG
tr	A0A1C7MKD9	A0A1C7MKD9_GRIFR	.....GSGSACDASPVCCTNN..NV	.....GG
tr	A0A0C3PUW2	A0A0C3PUW2_PHLG1	.....GSGDCEANVVCENN..SV	.....GG
tr	A0A8H5LRI0	A0A8H5LRI0_9AGAR	.....G.GN SCTQTVCCTDN..SF	.....NG
tr	A0AAD7X4P7	A0AAD7X4P7_9APHY	.....G.NNQCSSNAVCCQNN..NV	.....GG
tr	A0A0W0FD42	A0A0W0FD42_MONRR	.....G.GN SCTQAVCCENN..NF	.....NG
tr	V2X426|V2X426_MONRO		.....G.GN SCTQAVCCENN..NF	.....NG
tr	D8Q768|D8Q768_SCHCM		.....G.GSGCSAQTVCCENT..QF	.....NG
tr	A0AA39QHGO	A0AA39QHGO_9AGAR	.....G.GN SCSTQTVCCQNN..TF	.....NG
tr	A0A8S0WFB7	A0A8S0WFB7_CYCAE	.....G.GN SCTAPVCCENN..TF	.....NG
tr	A0A9W8N0S2	A0A9W8N0S2_9AGAR	.....G.GN SCTAPVCCENN..TF	.....NG
tr	A0A9P6E978	A0A9P6E978_9AGAR	.....G.GN SCAPVCCQNN..NF	.....NG
tr	A0A9P6E998	A0A9P6E998_9AGAR	.....G.GN SCTAPVCCQNN..NF	.....NG
tr	A0A9P6E9F9	A0A9P6E9F9_9AGAR	.....G.GN SCAPVCCQNN..NF	.....NG
tr	A0A137QVQ9	A0A137QVQ9_9AGAR	.....G.GN SCCLLDILF.....	.....VG
tr	A0A8H5FSA3	A0A8H5FSA3_9AGAR	.....G.GNSW.....	.....VG
tr	A0A9P6C2G2	A0A9P6C2G2_9AGAR	.....G.GN SCAPVCCENN..SF	.....NG
tr	A0AAD5YWI2	A0AAD5YWI2_9AGAR	.....G.GN SCAPVCCQNN..SF	.....NG
tr	A0A8S0XPJ5	A0A8S0XPJ5_CYCAE	.....S.RN SCTAQVCCQNN..SF	.....NG
tr	A0A9W8N0X7	A0A9W8N0X7_9AGAR	.....G.PSCSAQTVCCQNN..NF	.....NG
tr	A0A8H5F853	A0A8H5F853_9AGAR	.....S.GTSCSAQPVCCENN..TF	.....NG
tr	A0A8H5F0B7	A0A8H5F0B7_9AGAR	.....G.GTSCSSQPVCCENN..TF	.....NG
tr	A0A0D2NF10	A0A0D2NF10_HYPSF	.....G.GTSCSAQPVCCENN..TF	.....NG
tr	A0A9P5YZS9	A0A9P5YZS9_9AGAR	.....S.GTSCNEQPVCCENN..SF	.....NG
tr	A0A9P5Z096	A0A9P5Z096_9AGAR	.....S.GTSCSEQPVCCENN..SF	.....NG
tr	A0A9P8KYJ7	A0A9P8KYJ7_9HYPO	DRKDFEIKICAGMGRQATCTLG..L	.....L
tr	A0A5P8PBG9	A0A5P8PBG9_9HYPO	SPSAFKNKGCAAKGAQAVCCVLP..V	.....A
tr	A0A7D5AKE8	A0A7D5AKE8_9HYPO	DGPNFQSIICANGKRARCCVLP..V	.....V
tr	A0A7D5AU90	A0A7D5AU90_9HYPO	DGAAFRSICATGKRARCCVLP..V	.....V
tr	N1PH52|N1PH52_DOTSN		SKGEFQEDCAQSGKSAQCVLP..L	.....GI
tr	A0A0C2EW62	A0A0C2EW62_9PEZI	SALDFKEACALVGSPECTVP..I	.....A
tr	A0A2G5HAF4	A0A2G5HAF4_CERBT	SQRNFVVGQCAATGTTAACCLIP..L	.....A
tr	F9XM08|F9XM08_ZYMTI		SREDFVKYCGQSGATAQCVLP..A	.....L
tr	A0AAD4HKV4	A0AAD4HKV4_9AGAM	.....TSEGCYAQQPVCCEDN..SY	.....NG
tr	A0A8I2YKL8	A0A8I2YKL8_9AGAM	.....AGEAASCQEPVCCSNN..TY	.....VG
tr	A0A2R6NS81	A0A2R6NS81_9APHY	.....VGSGSACDSDPVCSNG..V	.....II
tr	K5VYC8|K5VYC8_PHACS		.....VGSGSECNNETESCSDG..V	.....FG
tr	A0A8H3EEN7	A0A8H3EEN7_9AGAM	.....APGSCCKNAVCCTSQYNSK	.....QG
tr	A0A0K6GHI2	A0A0K6GHI2_9AGAM	.....APGSCAKHNAVCCGTQQNSK	.....QG
tr	A0A8H3GSJ0	A0A8H3GSJ0_9AGAM	.....APDSCDRNAVCCTSQRNYK	.....EG
tr	A0A8H2WG40	A0A8H2WG40_9AGAM	.....APDSCDKHSVCCTSQRNSN	.....QG
tr	A0A8H2WMS4	A0A8H2WMS4_9AGAM	.....APDSCDKHSVCCTSQRNSN	.....QG
tr	M5BU78|M5BU78_THACB		.....APDSCDKHSVCCTSQRNSN	.....QG
tr	A0A8H3CAA9	A0A8H3CAA9_9AGAM	.....APDSCDKHNAVCCTSQRGSG	.....QG
tr	A0A8H3ANE1	A0A8H3ANE1_9AGAM	.....APDSCDKHNAVCCTNQRNSN	.....QG
tr	A0A8H8NNI8	A0A8H8NNI8_9AGAM	.....APDSCDKHNAVCCTNQRNSN	.....QG
tr	A0A4T0P7F5	A0A4T0P7F5_9BASI	.....GGNILIEDQCKNTACEDV..S	.....SG
tr	A0A166F6P8	A0A166F6P8_9AGAM	.....GGVQCNQTVCCDGG..HF	.....SG
tr	A0A5E3WQC8	A0A5E3WQC8_9AGAM	.....GGVQCNQTVCCDGG..HF	.....SG
tr	A0A5E3K438	A0A5E3K438_9AGAM	.....GGAQCNQTVCCDGG..HF	.....SG
tr	A0A5E3WUH3	A0A5E3WUH3_9AGAM	.....GGVQCNQTVCCDGG..HF	.....SG
tr	G4T531|G4T531_SERID		.....VT.GSSTCRSQPVCCGTGN..EY	.....RG
tr	A0A0C2XKC5	A0A0C2XKC5_SERVB	.....IVGGSSSCNSRPVCCGTGN..KF	.....DG
tr	G4TML3|G4TML3_SERID		.....VAGGSSSCRSQPVCCGTGN..KY	.....NG
tr	A0AAD4LXX9	A0AAD4LXX9_9AGAM	.....IAGGKSCDTAVCCDNA..EF	.....YG
tr	A0A8K0XK66	A0A8K0XK66_9AGAR	.....IEGAAITCPSQPYCCGTGP..S	.....SG
tr	A0A316Z0U7	A0A316Z0U7_9BASI	.....GGSVAVSNICKSSPVCCKNV..TQ	.....NG
tr	A0A316VAT0	A0A316VAT0_9BASI	.....GVSGAISNCKSTPVCCQNV..TQ	.....NG
tr	A0A9W8MT54	A0A9W8MT54_9AGAR	.....G...SGASCSTPVCCDKN..FF	.....NQ
tr	A0A137QWX9	A0A137QWX9_9AGAR	.....GGDSCNAQTVCCENN..NF	.....SG
tr	A0A165NY92	A0A165NY92_9APHY	.....GGA SCSTNAVCCENN..TF	.....SG

tr	A0A4R0RLA3	A0A4R0RLA3_9APHY	.....ITDP	CSAKS	VCC	SSEEKDS	.....NN	L	.....
tr	A0A8H5HZH8	A0A8H5HZH8_9AGAR	.....GEN	SKQ	QT	VCC	DGT..SF	NG	LL
tr	A0A8H5MD99	A0A8H5MD99_9AGAR	.....	.....	.....	SLQ..GI	.....TA	L	.....
tr	A0A0F4YG29	A0A0F4YG29_TALEM	.....ESW	PDS	F	CLD	TV	LCC	SAE..PLAGPS
tr	A0A0U5GNN7	A0A0U5GNN7_ASPCI	.....RETP	NDD	CYE	SV	MCC	SGN..GVS	AKGAGAGGNTNGTP
tr	A0A1R3RIL6	A0A1R3RIL6_ASPC5	.....DSTP	NNK	CLQ	QV	MCC	DGK..PNDEDQ	.....PT
tr	A0A395H201	A0A395H201_9EURO	.....DSTP	NS	QQLH	QV	MCC	DGK..PSD	TDQ.....PT
tr	A0AAD5YR10	A0AAD5YR10_9AGAR	.....WRTT	.....	.....	T..H	.....R	.....	.....
tr	A0A8H5BJC3	A0A8H5BJC3_9AGAR	.....	.....	.....	.....	.....	.....	.....
tr	A0A0W0GEQ8	A0A0W0GEQ8_MONRR	.....IGL	GSE	V	CSAEP	LCC	TNN..DFS	KLDASSGFRLFNPDQDRLFYAFLD
tr	A0AAD6SDH4	A0AAD6SDH4_9AGAR	.....VG..N	NC	GS	TT	VT	CDAP..DK	.....EWG
tr	A0AAD7DI93	A0AAD7DI93_MYCRO	.....IG..N	D	CGG	TT	VT	CDAP..DK	.....EWG
tr	A0A4S4LV58	A0A4S4LV58_9AGAM	.....GSG	AN	CAA	QP	ACC	DHV..E	.....S
tr	W4JT48|W4JT48_HETIT		.....FG	SG	S	NC	AS	QP	VCC
tr	A0AAD4LT59	A0AAD4LT59_9AGAM	.....DAEQ	W	.....	.....	.....	.....	.....
tr	A0A401GU04	A0A401GU04_9APHY	.....NV	GGS	T	CANIP	VCC	ENN..TF	.....NG
tr	R7S187|R7S187_PUNST		.....PAD	T	CTT	T	PT	CCTE..TL	.....AG
tr	A0A067SDJ9	A0A067SDJ9_GALM3	.....AG	GAAG	T	CTA	QT	VCC	KDN..SF
tr	A0A0C2SS39	A0A0C2SS39_AMAMK	.....GEH	S	CSAKT	VCC	ENN..DY	.....S	.....
tr	A0A9W9ATQ1	A0A9W9ATQ1_9AGAR	.....VIG	TSS	T	CSQ	DT	VCC	EDN..S
tr	A0A2P2HCE6	A0A2P2HCE6_ASPPA	SLVK	QTNDGP	V	KNVT	ACC	PSG..KC	.....
tr	A0A3N4KVN0	A0A3N4KVN0_9PEZI	.....LAV	QVPVNKA	C	DAKA	ACC	QGD..NT	.....QN
tr	A0A3M2TGY8	A0A3M2TGY8_9EURO	.....IGAS	DIVNDH	C	STNV	ACC	QSG..DV	.....H
tr	A0A8H4MFK6	A0A8H4MFK6_9EURO	IVPV	QNLLNQHC	K	QNV	ACC	QKN..PG	.....DS
tr	A0A9P4Y6D6	A0A9P4Y6D6_CRYPA	DLDL	SDILGS	Q	CSQ	TA	ACC	SSG..NV
tr	Q0CIJ2|Q0CIJ2_ASPTN		.....PIIS	DLINKH	C	DAKA	ACC	QDS..GS	.....SA
tr	A0A5M3Z630	A0A5M3Z630_ASPTN	.....PIIS	DLINKH	C	DAKA	ACC	QDS..GS	.....SA
tr	A0A9P7KWI2	A0A9P7KWI2_9HYPO	.....GIAN	NLLNKE	C	SANA	ACC	QNS..GS	.....SA
tr	A0A1L7THC5	A0A1L7THC5_FUSMA	.....AIAN	NLLNKE	C	QANA	ACC	QDS..PG	.....TA
tr	A0A9Q9R8P4	A0A9Q9R8P4_GIBFU	.....AIAN	NLLNKE	C	QANA	ACC	QDS..PG	.....TA
tr	S0DQB3|S0DQB3_GIBF5		.....AIAN	NLLNKE	C	QANA	ACC	QDS..PG	.....TA
tr	A0A1M2VN03	A0A1M2VN03_TRAPU	.....DTL	GSP	S	CEA	QL	VCC	VSE..TI
tr	A0A5C2S0C7	A0A5C2S0C7_9APHY	.....AG	SLTD	Q	CNAKP	VCC	KGT..AS	.....D
tr	A0A4P9X324	A0A4P9X324_9FUNG	.....GV	AGQS	A	CKKK	LCC	SGD..TI	.....Q
tr	A0A4P9X8A1	A0A4P9X8A1_9FUNG	.....AI	DETS	Q	SAKT	VCC	SGD..VV	.....D

tr	A0AAD6Z265	A0AAD6Z265_9AGAR	AVTGCVPITTA
tr	A0A0D0C548	A0A0D0C548_9AGAR	ISIGCVPLQL
tr	A0A0D0CDA3	A0A0D0CDA3_9AGAR	ISIGCVPLQL
tr	J4H3V5|J4H3V5_9APHY		INIGCVPLVSL
tr	A0A5C3N3C0	A0A5C3N3C0_9AGAM	INIGCTNIAL
tr	W4KGP9|W4KGP9_HETIT		VAIGCVPLNAL
tr	A0A4V3XGG2	A0A4V3XGG2_9AGAM	....SKPFF
tr	A0A2H3CLV3	A0A2H3CLV3_ARMGA	VALGCNPVNVGL
tr	A0AA39MHX1	A0AA39MHX1_9AGAR	VALGCNPVNVGL
tr	A0A284S0F8	A0A284S0F8_ARMOS	VALGCNPVNVGL
tr	A0A2H3AST0	A0A2H3AST0_9AGAR	VALGCNPVNVGL
tr	A0AA39NST8	A0AA39NST8_9AGAR	IALGCSPINVGL
tr	A0AA39MDX0	A0AA39MDX0_9AGAR	SVILLDPNSGKTNSTKQWACT
tr	A0AA39JIE7	A0AA39JIE7_ARMTA	VSLGCTPLDVGL
tr	A0A2H3CM01	A0A2H3CM01_ARMGA	VSLGCTPLLGAGL
tr	A0A2H3CRN5	A0A2H3CRN5_ARMGA	VSLGCTPLGVGL
tr	A0AA39MG27	A0AA39MG27_9AGAR	VSLGCTPLLGAGL
tr	A0A284S0E6	A0A284S0E6_ARMOS	VSLGCTPLSAGL
tr	A0A2H3ASU1	A0A2H3ASU1_9AGAR	VSLGCTPLSAGL
tr	A0AA39J370	A0AA39J370_9AGAR	VSLGCTPLSAGL
tr	A0AA39MFN3	A0AA39MFN3_9AGAR	VSLGCTPLNVGL
tr	A0A284SBE2	A0A284SBE2_ARMOS	VSLGCTPLLGAGL
tr	A0A284SBE9	A0A284SBE9_ARMOS	VSLGCTPLNVGL
tr	A0A369JRG4	A0A369JRG4_HYPMA	VSLGCTSPVNLISA
tr	A0A8H4QKS9	A0A8H4QKS9_9AGAR	VVVGCTSPVNLNA
tr	A0A8S0VRF0	A0A8S0VRF0_CYCAE	VAVGCTSPVNLNL
tr	A0A165SB06	A0A165SB06_9AGAM	VSAGCTVPITLDG
tr	D8PLD0|D8PLD0_SCHCM		INLGCKSGNVAV
tr	sp	O74300|SC6_SCHCO	INLGCKSGNVAV
tr	A0A9P5PEB9	A0A9P5PEB9_9AGAR	ISVGCAPVTL
tr	A0A409X9U2	A0A409X9U2_PSI CY	INVGCSPSKESLHVYY
tr	A0A9P8AXH7	A0A9P8AXH7_9AGAR	IAVGCCTPINIGL
tr	A0A8H5HJ20	A0A8H5HJ20_9AGAR	IAIGCTPININL
tr	A0A4Y7SH30	A0A4Y7SH30_COPMI	IALGCAPVLS
tr	A8NVT0|A8NVT0_COPC7		IALGCCTPINVSI
tr	A0AA39PT22	A0AA39PT22_9AGAR	AVLGCTIPVNLGV
tr	A0A0H2SDR2	A0A0H2SDR2_9AGAM	VSIGCTSPINI
tr	A0A0H2RCN5	A0A0H2RCN5_9AGAM	IAIGCTVPININL
tr	A0A5M3N543	A0A5M3N543_CONPW	ISIGCTSPISIEL
tr	A0A0C9W5V3	A0A0C9W5V3_SPHS4	INIGCTVPISA
tr	A0A409WBU2	A0A409WBU2_9AGAR	VAIGCTPTITIGL
tr	A0A4Y7SGG8	A0A4Y7SGG8_COPMI	IAIGCTPVNLNL
tr	A0A4Y7SN80	A0A4Y7SN80_COPMI	IAIGCTPVNLNL
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tr	A0A0C3PUW2	A0A0C3PUW2_PHLG1	ISIGCTIPITL
tr	A0A8H5LRI0	A0A8H5LRI0_9AGAR	IAAGCTPVNLNL
tr	A0AAD7X4P7	A0AAD7X4P7_9APHY	LSIGCTLPVIL
tr	A0A0W0FD42	A0A0W0FD42_MONRR	VAIGCTPTININV
tr	V2X426|V2X426_MONRO		VAIGCTPTININV
tr	D8Q768|D8Q768_SCHCM		INIGCTPTINIL
tr	A0AA39QHGO	A0AA39QHGO_9AGAR	IAIGCTVPITISL
tr	A0A8S0WFB7	A0A8S0WFB7_CYCAE	IAIGCTPTININL
tr	A0A9W8N0S2	A0A9W8N0S2_9AGAR	IAIGCTPTININL
tr	A0A9P6E978	A0A9P6E978_9AGAR	IAIGCTVPVTL
tr	A0A9P6E998	A0A9P6E998_9AGAR	IAIGCTVPVSL
tr	A0A9P6E9F9	A0A9P6E9F9_9AGAR	IAIGCTVPVSL
tr	A0A137QVQ9	A0A137QVQ9_9AGAR	DAIE..PYSIAFSNSPTQYRTKD
tr	A0A8H5FSA3	A0A8H5FSA3_9AGAR	.....
tr	A0A9P6C2G2	A0A9P6C2G2_9AGAR	IAIGCTPVNLNL
tr	A0AAD5YWI2	A0AAD5YWI2_9AGAR	IAIGCTPVNLNL
tr	A0A8S0XPJ5	A0A8S0XPJ5_CYCAE	VAIGCTPTININP
tr	A0A9W8N0X7	A0A9W8N0X7_9AGAR	VAIGCTPTININL
tr	A0A8H5F853	A0A8H5F853_9AGAR	VALGCTPTININL
tr	A0A8H5F0B7	A0A8H5F0B7_9AGAR	VAIGCTPTININL
tr	A0A0D2NF10	A0A0D2NF10_HYPSF	VALGCTPTINISL
tr	A0A9P5YZS9	A0A9P5YZS9_9AGAR	IAIGCTPTININL
tr	A0A9P5Z096	A0A9P5Z096_9AGAR	IALGCTPTININL
tr	A0A9P8KYJ7	A0A9P8KYJ7_9HYPO	LGLLCGH
tr	A0A5P8PBG9	A0A5P8PBG9_9HYPO	QDVLCTAIGA
tr	A0A7D5AKE8	A0A7D5AKE8_9HYPO	LGVLCTENPVGTN
tr	A0A7D5AU90	A0A7D5AU90_9HYPO	LGVLCTDPVGAN
tr	N1PH52|N1PH52_DOTSN		ISVACNNV
tr	A0A0C2EW62	A0A0C2EW62_9PEZI	LGLLCEAPPGTL
tr	A0A2G5HAF4	A0A2G5HAF4_CERBT	QGVICNEI
tr	F9XMQ8|F9XMQ8_ZYMTI		AGVACEEVKSN
tr	A0AAD4HKV4	A0AAD4HKV4_9AGAM	VNLGCTPIDVNA
tr	A0A8I2YKL8	A0A8I2YKL8_9AGAM	GPS.LRPRCVSNFVPDRFHQHRVFPDELQLGVILL
tr	A0A2R6NS81	A0A2R6NS81_9APHY	TYAEYALKLPNPPV
tr	K5VYC8|K5VYC8_PHACS		VGISCAP...ITA
tr	A0A8H3EEN7	A0A8H3EEN7_9AGAM	LNLGCTLSTNL
tr	A0A0K6GHI2	A0A0K6GHI2_9AGAM	LNLGCTAPLELSISN
tr	A0A8H3GSJ0	A0A8H3GSJ0_9AGAM	LNLGCTRIGLNSI
tr	A0A8H2WG40	A0A8H2WG40_9AGAM	LNLGCTPFGLDISI
tr	A0A8H2WMS4	A0A8H2WMS4_9AGAM	VNLGCTPFGLDISI
tr	M5BU78|M5BU78_THACB		VNLGCTPFGLDISI
tr	A0A8H3CAA9	A0A8H3CAA9_9AGAM	LNLGCTPFGLDIII
tr	A0A8H3ANE1	A0A8H3ANE1_9AGAM	LSLGCTPFGLDINI
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tr	A0A4T0P7F5	A0A4T0P7F5_9BASI	STLSCSPLTIV
tr	A0A166F6P8	A0A166F6P8_9AGAM	ISINCIAFNPGSQAAAGII
tr	A0A5E3WQC8	A0A5E3WQC8_9AGAM	ISINCIAFNPGSSATSII
tr	A0A5E3X438	A0A5E3X438_9AGAM	FSVNCNAFNNGGSQSAGIF
tr	A0A5E3WUH3	A0A5E3WUH3_9AGAM	FSVNCNAFNNGGSQSAGIF
tr	G4T531|G4T531_SERID		VAVGCTSPISA
tr	A0A0C2XKC5	A0A0C2XKC5_SERVB	VSVGCTSPLSIQ
tr	G4TML3|G4TML3_SERID		ISMGCTSPGLGH
tr	A0AAD4LXK9	A0AAD4LXK9_9AGAM	IAIGCTNINL
tr	A0A8K0XK66	A0A8K0XK66_9AGAR	VFTGCTVALVID
tr	A0A316Z0U7	A0A316Z0U7_9BASI	INFGCTISLPLN
tr	A0A316VAT0	A0A316VAT0_9BASI	INLGCTNALPIN
tr	A0A9W8MT54	A0A9W8MT54_9AGAR	VGVNCTSPVTVOA
tr	A0A137QWX9	A0A137QWX9_9AGAR	VALGCTPTIGVGL
tr	A0A165NY92	A0A165NY92_9APHY	IAVGCCTPISLDA

tr	A0A4R0RLA3	A0A4R0RLA3_9APHY	.IGIGCIPIII	.....
tr	A0A8H5HZH8	A0A8H5HZH8_9AGAR	.INLGC	TPINIL.....
tr	A0A8H5MD99	A0A8H5MD99_9AGAR	.VGLD	CSPLTITGLGNNGW.....
tr	A0A0F4YG29	A0A0F4YG29_TALEM	L	LTIGCNPP.....
tr	A0A0U5GNN7	A0A0U5GNN7_ASPCI	L	FKSGCIPFDEAIEDKKKAIKSKSEVSFLAEM.....SPTPRPTASASAS..P...
tr	A0A1R3RIL6	A0A1R3RIL6_ASPC5	A	VTSSCESWDIAMKNKQDAIDQSMAREHAVMDAVSSFSAAAVATPTSSSSAS....TSGA
tr	A0A395H201	A0A395H201_9EURO	A	VTSSCESWDIAMKNKQQAIDESMAREAAAMMDAASSFSAAAATAATPVGVASGSGSTAAS
tr	A0AAD5YR10	A0AAD5YR10_9AGAR	.....	.....
tr	A0A8H5BJC3	A0A8H5BJC3_9AGAR	.....	.....
tr	A0A0W0GEQ8	A0A0W0GEQ8_MONRR	.IAIGC	VPVLDL.....
tr	A0AAD6SDH4	A0AAD6SDH4_9AGAR	.IAIN	CLPITA.....
tr	A0AAD7DI93	A0AAD7DI93_MYCRO	.IAIN	CIPVTL.....
tr	A0A4S4LV58	A0A4S4LV58_9AGAM	.LGVN	CSPVNIILGL.....
tr	W4JT48|W4JT48_HETIT		.IAVGC	NPINVVV.....
tr	A0AAD4LT59	A0AAD4LT59_9AGAM	.....	.....
tr	A0A401GU04	A0A401GU04_9APHY	.VNF	GCTSIPIIL.....
tr	R7S187|R7S187_PUNST		.ISIGC	VNVNV.....
tr	A0A067SDJ9	A0A067SDJ9_GALM3	.VAF	GCTPINVYVPGG.....
tr	A0A0C2SS39	A0A0C2SS39_AMAMK	.IAIGC	ISIKISA.....
tr	A0A9W9ATQ1	A0A9W9ATQ1_9AGAR	.ISIGC	IPITL.....
tr	A0A2P2HCE6	A0A2P2HCE6_ASPPA	.....	VAIDGSAKKKESDKEDDNEG.DNEGDDKEG....DNEDDNEDNNE...DDNE.D
tr	A0A3N4KVN0	A0A3N4KVN0_9PEZI	.VNVGC	IALASLL.....
tr	A0A3M2TGY8	A0A3M2TGY8_9EURO	N	IGLPCIAIGSIL.....
tr	A0A8H4MFK6	A0A8H4MFK6_9EURO	A	SLPCIALGSIA.....
tr	A0A9P4Y6D6	A0A9P4Y6D6_CRYPA	G	PATVQEAHDSIVLSSGLPQERDMYMRSLSGRDNTA....KSLDTRKLT.....TE.L
tr	Q0CIJ2|Q0CIJ2_ASPTN		G	LNLPICALTSLI.....
tr	A0A5M3Z630	A0A5M3Z630_ASPTN	G	LNLPICALTSLI.....
tr	A0A9P7KWI2	A0A9P7KWI2_9HYPO	N	LA
tr	A0A1L7THC5	A0A1L7THC5_FUSMA	N	ALPCVAISNLV.....
tr	A0A9Q9R8P4	A0A9Q9R8P4_GIBFU	N	ALPCVAISNLV.....
tr	S0DQB3|S0DQB3_GIBF5		N	ALPCVAISNLV.....
tr	A0A1M2VN03	A0A1M2VN03_TRAPU	.L	GARCLLLVLF.....
tr	A0A5C2S0C7	A0A5C2S0C7_9APHY	.LNF	GCVPFVA.....
tr	A0A4P9X324	A0A4P9X324_9FUNG	.INF	GCTNLGLDILG.....
tr	A0A4P9X8A1	A0A4P9X8A1_9FUNG	.MVF	GCDTPQGFPAKTKL.....

tr	A0AAD6Z265	A0AAD6Z265_9AGAR	
tr	A0A0D0C548	A0A0D0C548_9AGAR	
tr	A0A0D0CDA3	A0A0D0CDA3_9AGAR	
tr	J4H3V5|J4H3V5_9APHY		
tr	A0A5C3N3C0	A0A5C3N3C0_9AGAM	
tr	W4KGP9|W4KGP9_HETIT		
tr	A0A4V3XGG2	A0A4V3XGG2_9AGAM	
tr	A0A2H3CLV3	A0A2H3CLV3_ARMGA	
tr	A0AA39MHX1	A0AA39MHX1_9AGAR	
tr	A0A284S0F8	A0A284S0F8_ARMOS	
tr	A0A2H3AST0	A0A2H3AST0_9AGAR	
tr	A0AA39NST8	A0AA39NST8_9AGAR	
tr	A0AA39MDX0	A0AA39MDX0_9AGAR	
tr	A0AA39JIE7	A0AA39JIE7_ARMTA	
tr	A0A2H3CM01	A0A2H3CM01_ARMGA	
tr	A0A2H3CRN5	A0A2H3CRN5_ARMGA	
tr	A0AA39MG27	A0AA39MG27_9AGAR	
tr	A0A284S0E6	A0A284S0E6_ARMOS	
tr	A0A2H3ASU1	A0A2H3ASU1_9AGAR	
tr	A0AA39J370	A0AA39J370_9AGAR	
tr	A0AA39MFN3	A0AA39MFN3_9AGAR	
tr	A0A284SBE2	A0A284SBE2_ARMOS	
tr	A0A284SBE9	A0A284SBE9_ARMOS	
tr	A0A369JRG4	A0A369JRG4_HYPMA	
tr	A0A8H4QKS9	A0A8H4QKS9_9AGAR	
tr	A0A8S0VRF0	A0A8S0VRF0_CYCAE	
tr	A0A165SB06	A0A165SB06_9AGAM	
tr	D8PLD0|D8PLD0_SCHCM		
sp	O74300|SC6_SCHCO		
tr	A0A9P5PEB9	A0A9P5PEB9_9AGAR	
tr	A0A409X9U2	A0A409X9U2_PSICY	
tr	A0A9P8AXH7	A0A9P8AXH7_9AGAR	
tr	A0A8H5HJ20	A0A8H5HJ20_9AGAR	
tr	A0A4Y7SH30	A0A4Y7SH30_COPMI	
tr	A8NVT0|A8NVT0_COPC7		
tr	A0AA39PT22	A0AA39PT22_9AGAR	
tr	A0A0H2SDR2	A0A0H2SDR2_9AGAM	
tr	A0A0H2RCN5	A0A0H2RCN5_9AGAM	
tr	A0A5M3N543	A0A5M3N543_CONPW	
tr	A0A0C9W5V3	A0A0C9W5V3_SPHS4	
tr	A0A409WBU2	A0A409WBU2_9AGAR	
tr	A0A4Y7SGG8	A0A4Y7SGG8_COPMI	
tr	A0A4Y7SN80	A0A4Y7SN80_COPMI	
tr	A0A1C7MKD9	A0A1C7MKD9_GRIFR	
tr	A0A0C3PUW2	A0A0C3PUW2_PHLG1	
tr	A0A8H5LRI0	A0A8H5LRI0_9AGAR	
tr	A0AAD7X4P7	A0AAD7X4P7_9APHY	
tr	A0A0W0FD42	A0A0W0FD42_MONRR	
tr	V2X426|V2X426_MONRO		
tr	D8Q768|D8Q768_SCHCM		
tr	A0AA39QHGO	A0AA39QHGO_9AGAR	
tr	A0A8S0WFB7	A0A8S0WFB7_CYCAE	
tr	A0A9W8N0S2	A0A9W8N0S2_9AGAR	
tr	A0A9P6E978	A0A9P6E978_9AGAR	
tr	A0A9P6E998	A0A9P6E998_9AGAR	
tr	A0A9P6E9F9	A0A9P6E9F9_9AGAR	
tr	A0A137QVQ9	A0A137QVQ9_9AGAR	
tr	A0A8H5FSA3	A0A8H5FSA3_9AGAR	
tr	A0A9P6C2G2	A0A9P6C2G2_9AGAR	
tr	A0AAD5YWI2	A0AAD5YWI2_9AGAR	
tr	A0A8S0XPJ5	A0A8S0XPJ5_CYCAE	
tr	A0A9W8N0X7	A0A9W8N0X7_9AGAR	
tr	A0A8H5F853	A0A8H5F853_9AGAR	
tr	A0A8H5F0B7	A0A8H5F0B7_9AGAR	
tr	A0A0D2NF10	A0A0D2NF10_HYPSF	
tr	A0A9P5YZS9	A0A9P5YZS9_9AGAR	
tr	A0A9P5Z096	A0A9P5Z096_9AGAR	
tr	A0A9P8KYJ7	A0A9P8KYJ7_9HYPO	
tr	A0A5P8PBG9	A0A5P8PBG9_9HYPO	
tr	A0A7D5AKE8	A0A7D5AKE8_9HYPO	
tr	A0A7D5AU90	A0A7D5AU90_9HYPO	
tr	N1PH52|N1PH52_DOTSN		
tr	A0A0C2EW62	A0A0C2EW62_9PEZI	
tr	A0A2G5HAF4	A0A2G5HAF4_CERBT	
tr	F9XMQ8|F9XMQ8_ZYMTI		
tr	A0AAD4HKV4	A0AAD4HKV4_9AGAM	
tr	A0A8I2YKL8	A0A8I2YKL8_9AGAM	
tr	A0A2R6NS81	A0A2R6NS81_9APHY	
tr	K5VYC8|K5VYC8_PHACS		
tr	A0A8H3EEN7	A0A8H3EEN7_9AGAM	
tr	A0A0K6GHI2	A0A0K6GHI2_9AGAM	
tr	A0A8H3GSJ0	A0A8H3GSJ0_9AGAM	
tr	A0A8H2WG40	A0A8H2WG40_9AGAM	
tr	A0A8H2WMS4	A0A8H2WMS4_9AGAM	
tr	M5BU78|M5BU78_THACB		
tr	A0A8H3CAA9	A0A8H3CAA9_9AGAM	
tr	A0A8H3ANE1	A0A8H3ANE1_9AGAM	
tr	A0A8H8NNI8	A0A8H8NNI8_9AGAM	
tr	A0A4T0P7F5	A0A4T0P7F5_9BASI	
tr	A0A166F6P8	A0A166F6P8_9AGAM	
tr	A0A5E3WQC8	A0A5E3WQC8_9AGAM	
tr	A0A5E3X438	A0A5E3X438_9AGAM	
tr	A0A5E3WUH3	A0A5E3WUH3_9AGAM	
tr	G4T531|G4T531_SERID		
tr	A0A0C2XKC5	A0A0C2XKC5_SERVB	
tr	G4TML3|G4TML3_SERID		
tr	A0AAD4LXK9	A0AAD4LXK9_9AGAM	
tr	A0A8K0XK66	A0A8K0XK66_9AGAR	
tr	A0A316Z0U7	A0A316Z0U7_9BASI	
tr	A0A316VAT0	A0A316VAT0_9BASI	
tr	A0A9W8MT54	A0A9W8MT54_9AGAR	
tr	A0A137QWX9	A0A137QWX9_9AGAR	
tr	A0A165NY92	A0A165NY92_9APHY	

tr	A0A4R0RLA3	A0A4R0RLA3_9APHY	.....
tr	A0A8H5HZH8	A0A8H5HZH8_9AGAR	.....
tr	A0A8H5MD99	A0A8H5MD99_9AGAR	.....
tr	A0A0F4YG29	A0A0F4YG29_TALEM	.....
tr	A0A0U5GNN7	A0A0U5GNN7_ASPCI	.TATAARG.....
tr	A0A1R3RIL6	A0A1R3RIL6_ASPC5	VPASSSSGVLGRRVV.....
tr	A0A395H201	A0A395H201_9EURO	ASASASSGVLERRWR.....
tr	A0AAD5YR10	A0AAD5YR10_9AGAR	.....
tr	A0A8H5BJC3	A0A8H5BJC3_9AGAR	.....
tr	A0A0W0GEQ8	A0A0W0GEQ8_MONRR	.....
tr	A0AAD6SDH4	A0AAD6SDH4_9AGAR	.....
tr	A0AAD7DI93	A0AAD7DI93_MYCRO	.....
tr	A0A4S4LV58	A0A4S4LV58_9AGAM	.....
tr	W4JT48|W4JT48_HETIT		.....
tr	A0AAD4LT59	A0AAD4LT59_9AGAM	.....
tr	A0A401GU04	A0A401GU04_9APHY	.....
tr	R7S187|R7S187_PUNST		.....
tr	A0A067SDJ9	A0A067SDJ9_GALM3	.....
tr	A0A0C2SS39	A0A0C2SS39_AMAMK	.....
tr	A0A9W9ATQ1	A0A9W9ATQ1_9AGAR	.....
tr	A0A2P2HCE6	A0A2P2HCE6_ASPPA	DNQKDKRGDHDYYHKGHKVDKDDKENKHEKDEEDHGRY
tr	A0A3N4KVN0	A0A3N4KVN0_9PEZI	.....
tr	A0A3M2TGY8	A0A3M2TGY8_9EURO	.....
tr	A0A8H4MFK6	A0A8H4MFK6_9EURO	.....
tr	A0A9P4Y6D6	A0A9P4Y6D6_CRYPA	SIQR.....NIEREA.....
tr	Q0CIJ2|Q0CIJ2_ASPTN		.....
tr	A0A5M3Z630	A0A5M3Z630_ASPTN	.....
tr	A0A9P7KWI2	A0A9P7KWI2_9HYPO	.....
tr	A0A1L7THC5	A0A1L7THC5_FUSMA	.....
tr	A0A9Q9R8P4	A0A9Q9R8P4_GIBFU	.....
tr	S0DQB3|S0DQB3_GIBF5		.....
tr	A0A1M2VN03	A0A1M2VN03_TRAPU	.....
tr	A0A5C2S0C7	A0A5C2S0C7_9APHY	.....
tr	A0A4P9X324	A0A4P9X324_9FUNG	.....
tr	A0A4P9X8A1	A0A4P9X8A1_9FUNG	.....