```
tr|A0A9Q9AJT3|A0A9Q9AJT3_9PEZI   ........................................................................
tr|A0A2S6BV68|A0A2S6BV68_9PEZI   ........................................................................
tr|A0A2G5HAF4|A0A2G5HAF4_CERBT   ........................................................................
tr|A0A9P3CFJ5|A0A9P3CFJ5_9PEZI   ........................................................................
tr|A0A139IKN8|A0A139IKN8_9PEZI   ........................................................................
tr|A0A2S6C6N0|A0A2S6C6N0_9PEZI   ........................................................................
tr|A0A9P3FMZ8|A0A9P3FMZ8_9PEZI   ........................................................................
tr|A0A9Q9AZV5|A0A9Q9AZV5_9PEZI   ........................................................................
tr|A0A6A6F6H3|A0A6A6F6H3_9PEZI   ........................................................................
tr|A0A2S6C833|A0A2S6C833_9PEZI   ........................................................................
tr|A0A9P3F7Y5|A0A9P3F7Y5_9PEZI   ........................................................................
tr|A0A4Q4TAA1|A0A4Q4TAA1_9PEZI   MNHPLESSDASRLWTATIEQRIEQRIAQRRARRRGPFSASSSLIKHGISSSIKQPIASEL
tr|A0A2H2YYI6|A0A2H2YYI6_TRIPA   ........................................................................
tr|A0A2T4BQW8|A0A2T4BQW8_TRILO   ........................................................................
tr|G9MS02|G9MS02_HYPVG           ........................................................................
tr|A0A2K0TG37|A0A2K0TG37_TRIHA   ........................................................................
tr|A0A9P5C8T8|A0A9P5C8T8_9HYPO   ........................................................................
tr|A0A1T3CCP4|A0A1T3CCP4_9HYPO   ........................................................................
tr|A0A8G0PA33|A0A8G0PA33_9HYPO   ........................................................................
tr|A0A2T4ASX5|A0A2T4ASX5_TRIHA   ........................................................................
tr|A0A0F9XWK7|A0A0F9XWK7_TRIHA   ........................................................................
tr|A0A9P8KYJ7|A0A9P8KYJ7_9HYPO   ........................................................................
tr|A0A3M9Y5Z2|A0A3M9Y5Z2_9PEZI   ........................................................................
tr|A0A084AK79|A0A084AK79_STACB   ........................................................................
tr|A0A084QPG4|A0A084QPG4_STAC4   ........................................................................
tr|A0A2C6A1J3|A0A2C6A1J3_9HYPO   ........................................................................
tr|A0A2T3YYV2|A0A2T3YYV2_9HYPO   ........................................................................
tr|A0A444RN28|A0A444RN28_VERDA   ........................................................................
tr|A0A9P8TXY6|A0A9P8TXY6_9HYPO   ........................................................................
tr|A7LNX3|A7LNX3_HYPVI           ........................................................................
tr|A0A7D5AKE8|A0A7D5AKE8_9HYPO   ........................................................................
tr|A0A7D5AU90|A0A7D5AU90_9HYPO   ........................................................................
tr|A0A8G0L6M6|A0A8G0L6M6_9HYPO   ........................................................................
tr|A0A9P4X2C7|A0A9P4X2C7_9HYPO   ........................................................................
tr|A0A1T3CUG6|A0A1T3CUG6_9HYPO   ........................................................................
tr|A0A5P8PBG9|A0A5P8PBG9_9HYPO   ........................................................................
tr|A0A6C0VQ40|A0A6C0VQ40_9HYPO   ........................................................................
tr|A0A6A6W3H0|A0A6A6W3H0_9PEZI   ........................................................................
tr|W6YRX9|W6YRX9_COCMI           ........................................................................
tr|W6YUQ5|W6YUQ5_COCC2           ........................................................................
tr|W7EIZ7|W7EIZ7_BIPV3           ........................................................................
tr|M2T0S7|M2T0S7_COCSN           ........................................................................
tr|M2UIG9|M2UIG9_COCH5           ........................................................................
tr|N4XL56|N4XL56_COCH4           ........................................................................
tr|N1PH52|N1PH52_DOTSN           ........................................................................
tr|A0A0F4GET0|A0A0F4GET0_9PEZI   .....MSSSA.......HRNRHHQH......HQSLHNSNKQLLPLSFRHSLNH.......
tr|A0A1X7S5Z7|A0A1X7S5Z7_ZYMT9   ........................................................................
tr|F9XMQ8|F9XMQ8_ZYMTI           ........................................................................
tr|A0A1Y6LZB3|A0A1Y6LZB3_ZYMTR   ........................................................................
tr|A0A2C5Y142|A0A2C5Y142_9HYPO   ........................................................................
tr|A0A2C5YX46|A0A2C5YX46_9HYPO   ........................................................................
tr|A0A0C2EW62|A0A0C2EW62_9PEZI   ........................................................................
tr|U7PJI5|U7PJI5_SPOS1           ........................................................................
tr|A0A8H4LSB2|A0A8H4LSB2_9HYPO   ........................................................................
tr|Q9C2X0|Q9C2X0_PASFU           ........................................................................
tr|A0A4Z0YST0|A0A4Z0YST0_9PEZI   ........................................................................
tr|A0A2C5YQ90|A0A2C5YQ90_9HYPO   ........................................................................
tr|A0A2C5Y4D8|A0A2C5Y4D8_9HYPO   ........................................................................
tr|A0A2C5YXD6|A0A2C5YXD6_9HYPO   ........................................................................
tr|A0A8H4QC75|A0A8H4QC75_9HYPO   ........................................................................
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tr|A0A9Q9AJT3|A0A9Q9AJT3_9PEZI  ...............MQFFVFS....LAALAT.ASPLLSSYGNK...EQGSGL.IPSY
tr|A0A2S6BV68|A0A2S6BV68_9PEZI  ...............MKFSLIA.....LAAVAV.ASPMALETGQG...GLLSLA.SLGG
tr|A0A2G5HAF4|A0A2G5HAF4_CERBT  ...............MKFSLIA.....LAAVAV.ASPMALETRQG...GLLSLA.SLGG
tr|A0A9P3CFJ5|A0A9P3CFJ5_9PEZI  ...............MKFSLIA.....LAAVAV.ASPMALETRQG...GLLSLG.SLGG
tr|A0A139IKN8|A0A139IKN8_9PEZI  ...............MQFSLVVL...TLATLAV.AAPSRKAS................
tr|A0A2S6C6N0|A0A2S6C6N0_9PEZI  ...............MQFLLLA.....VASMAI.ATPVALKREAE...AEANTG.LA..
tr|A0A9P3FMZ8|A0A9P3FMZ8_9PEZI  ...............MQFLLLA.....IASMAI.ATPVVQKREAE...AEANTG.LA..
tr|A0A9Q9AZV5|A0A9Q9AZV5_9PEZI  ...............MQFSVLA.....LASLAI.ATPLVHERS.......ANNA.LV..
tr|A0A6A6F6H3|A0A6A6F6H3_9PEZI  ...............MQFFALVA...AMTALAA.AGPVPQGAAPS...G....A.Y...
tr|A0A2S6C833|A0A2S6C833_9PEZI  ...............MRFFAIVA...TMTALAA.AGPLPQGVLED...H....I.WL..
tr|A0A9P3F7Y5|A0A9P3F7Y5_9PEZI  ...............MRFFALVA...TMTALAA.AGPLPQG.................
tr|A0A4Q4TAA1|A0A4Q4TAA1_9PEZI  PAKPQNFPRHTRTSFKMRFATFVA...TFLAGTA.MAIPTA................
tr|A0A2H2YYI6|A0A2H2YYI6_TRIPA  ...............MKLLAVTA...LLVAGSL.AVPAG..SY...........P...
tr|A0A2T4BQW8|A0A2T4BQW8_TRILO  ...............MKLLAVTA...LLVAGSL.AVPAG..SY...........P...
tr|G9MS02|G9MS02_HYPVG          ...............MKLLAITA...LFIAGTL.AVPAS..SY...........P...
tr|A0A2K0TG37|A0A2K0TG37_TRIHA  ...............MKFLAVAA...LFVAGAL.AVPAS..SY...........P...
tr|A0A9P5C8T8|A0A9P5C8T8_9HYPO  ...............MKLLAITA...LFIAGAL.AVPAS..SY...........P...
tr|A0A1T3CCP4|A0A1T3CCP4_9HYPO  ...............MKLLAITA...LFIAGAL.AVPAG..SY...........P...
tr|A0A8G0PA33|A0A8G0PA33_9HYPO  ...............MKLLAITA...LFIAGAL.AVPAG..SY...........P...
tr|A0A2T4ASX5|A0A2T4ASX5_TRIHA  ...............MKLLAITA...LFIAGAL.AVPAG..SY...........P...
tr|A0A0F9XWK7|A0A0F9XWK7_TRIHA  ...............MKLLAITA...LFIAGTL.AVPAS..YY...........P...
tr|A0A9P8KYJ7|A0A9P8KYJ7_9HYPO  ...............MKLLAITA...LFIAGAL.AVPAS..SY...........P...
tr|A0A3M9Y5Z2|A0A3M9Y5Z2_9PEZI  ...............MKFTTVAI...ALFVGLA.AALPTTDSY..............
tr|A0A084AK79|A0A084AK79_STACB  ...............MQFLAI.A...ALFAATG.LAIPTSSPY..............
tr|A0A084QPG4|A0A084QPG4_STAC4  ...............MQFLAV.A...ALFAATG.LAIPTSSPY..............
tr|A0A2C6A1J3|A0A2C6A1J3_9HYPO  ...............MKFIASAT...LFLASAM.AAPHNSGSY...........P...
tr|A0A2T3YYV2|A0A2T3YYV2_9HYPO  ...............MKFLTVAI...VLAAAAS.AAPTKE.................
tr|A0A444RN28|A0A444RN28_VERDA  ...............MKFTTVAI...AFFVGLA.AALPT..................
tr|A0A9P8TXY6|A0A9P8TXY6_9HYPO  ...............MKFFAVAA...LLFTAVL.AAPTD...S...........Y...
tr|A7LNX3|A7LNX3_HYPVI          ...............MKFLAVTT...VFFAVAL.AAPGL...Y...........Y...
tr|A0A7D5AKE8|A0A7D5AKE8_9HYPO  ...............MKFLTVAA...VFFTAAL.AAPGN...Y...........P...
tr|A0A7D5AU90|A0A7D5AU90_9HYPO  ...............MKFLTVAA...VFFTAVL.AAPGN...Y...........P...
tr|A0A8G0L6M6|A0A8G0L6M6_9HYPO  ...............MKFLTVAA...VFFTAVL.AAPGN...Y...........P...
tr|A0A9P4X2C7|A0A9P4X2C7_9HYPO  ...............MKFLTVAA...VFFTAVL.AAPGN...Y...........P...
tr|A0A1T3CUG6|A0A1T3CUG6_9HYPO  ...............MKFLTVAA...VFFTAVL.AAPGN...Y...........P...
tr|A0A5P8PBG9|A0A5P8PBG9_9HYPO  ...............MKFLTVAA...VFFTAVL.AAPGN...Y...........P...
tr|A0A6C0VQ40|A0A6C0VQ40_9HYPO  ...............MKFLTVAA...VFFTAVL.AAPGN...Y...........P...
tr|A0A6A6W3H0|A0A6A6W3H0_9PEZI  ...............MHYASLRL.....VFSAI...KHDHLTSEEFIDVLFETADKGGD
tr|W6YRX9|W6YRX9_COCMI          ...............MRFTLIHLTSLLALSSAI.ALPQPQLGGLG......GG..LLGG
tr|W6YUQ5|W6YUQ5_COCC2          ...............MRFTLITLTSLLALSTAI.ALPQPQLGG.........G..LLGG
tr|W7EIZ7|W7EIZ7_BIPV3          ...............MRFTLITLTSLLALSTAI.ALPQPQLGG.........G..LLGG
tr|M2T0S7|M2T0S7_COCSN          ...............MRFTLITLTSLLALSSAI.ALPQPQL...G......GG..LLGG
tr|M2UIG9|M2UIG9_COCH5          ...............MRFILITLTSLLALSSAI.ALPQPQLDGLG......GG..LLGG
tr|N4XL56|N4XL56_COCH4          ...............MRFILITLTSLLALSSAI.ALPQPQLDGLG......GG..LLGG
tr|N1PH52|N1PH52_DOTSN          ...............MRTFILAS..LALGASLVAAMPQDGLQADS......NQ..VD..
tr|A0A0F4GET0|A0A0F4GET0_9PEZI  .SSTPLFNYQPPTTINMQFIILAL..AALAAAAP.....SGL...............
tr|A0A1X7S5Z7|A0A1X7S5Z7_ZYMT9  ...............MQFIILAL..AALAAAAP.....GGA................
tr|F9XMQ8|F9XMQ8_ZYMTI          ...............MQFIILAL..AALAAAAP.....GGA................
tr|A0A1Y6LZB3|A0A1Y6LZB3_ZYMTR  ...............MQFIILAL..AALAAAAP.....GGA................
tr|A0A2C5Y142|A0A2C5Y142_9HYPO  ...............MKSFVIAA..LFAFASAV.....PSGQ.............GAS
tr|A0A2C5YX46|A0A2C5YX46_9HYPO  ...............MKPFAIAA..LVALAAAV.....PSGQ.............A..
tr|A0A0C2EW62|A0A0C2EW62_9PEZI  ...............MKLHALAL..AALFATAI.AVPYAG................
tr|U7PJI5|U7PJI5_SPOS1          ...............MKLHALAL..AAIFATAM.AVPYAE................
tr|A0A8H4LSB2|A0A8H4LSB2_9HYPO  ...............MKFAAVAS..FFLASAI.AAPLERLDSYP......SG..NGDY
tr|Q9C2X0|Q9C2X0_PASFU          ...............MNFMLLSA..ALASMAV.AGPIA..GTYP......IT..YPSS
tr|A0A4Z0YST0|A0A4Z0YST0_9PEZI  ...............MQFSILVT...SLLATAVAASPIDLLNLEP......DT..YPTS
tr|A0A2C5YQ90|A0A2C5YQ90_9HYPO  ...............MKFLTVAS...LLFAGAL.AVPVDH................
tr|A0A2C5Y4D8|A0A2C5Y4D8_9HYPO  ..MSSYNLVKSRTTINIKFLALT....LLVGAL.AKRTNL................
tr|A0A2C5YXD6|A0A2C5YXD6_9HYPO  ...............MKFLALT....LLVVGAL.ANPTNW................
tr|A0A8H4QC75|A0A8H4QC75_9HYPO  ...............MKFLALT....LLLVGAL.ANPTHW................
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                                              40            50          60
     tr|A0A9Q9AJT3|A0A9Q9AJT3_9PEZI  G..NPSTPYVP.....ALP.....VPGPSQPGYSPT.PEP..................
     tr|A0A2S6BV68|A0A2S6BV68_9PEZI  G..SSKGGYG...............GGYG.............................
     tr|A0A2G5HAF4|A0A2G5HAF4_CERBT  G..SSKGGYG...............GGYG.............................
     tr|A0A9P3CFJ5|A0A9P3CFJ5_9PEZI  G..SSKGGYG...............GGYG.............................
     tr|A0A139IKN8|A0A139IKN8_9PEZI  ........YG...............QPGS.............................
     tr|A0A2S6C6N0|A0A2S6C6N0_9PEZI  A..RQFEAYG...............GYYPQGQGPN.IYN...................
     tr|A0A9P3FMZ8|A0A9P3FMZ8_9PEZI  A..RQFEAYG...............GYYPQGQGPN.IYN...................
     tr|A0A9Q9AZV5|A0A9Q9AZV5_9PEZI  T..RQQNAYA...............GYYPNSY..........................
     tr|A0A6A6F6H3|A0A6A6F6H3_9PEZI  .........................GGSGGANY.........................
     tr|A0A2S6C833|A0A2S6C833_9PEZI  I..ETKTDYAG.....SPS....GYGGSEGGSESSPVS............G.......
     tr|A0A9P3F7Y5|A0A9P3F7Y5_9PEZI  ...............SPS....GYGGSEGGSESSPVS............A.......
     tr|A0A4Q4TAA1|A0A4Q4TAA1_9PEZI  .........................................................
     tr|A0A2H2YYI6|A0A2H2YYI6_TRIPA  P..PPP.TYGD.....VPSGEVG.YPPEYPPDYSSQYPEY..................
     tr|A0A2T4BQW8|A0A2T4BQW8_TRILO  P..PAP.TYGD.....DPSGEVG.YPSKYPSEYASQYPEY..................
     tr|G9MS02|G9MS02_HYPVG          P..PPP.EYGD.....GHKGDVG.YGGDHGG...........................
     tr|A0A2K0TG37|A0A2K0TG37_TRIHA  P..PPP.PY...............YG................................
     tr|A0A9P5C8T8|A0A9P5C8T8_9HYPO  P..PPP.PD...............YGGDNGG...........................
     tr|A0A1T3CCP4|A0A1T3CCP4_9HYPO  P..PPP.PD...............YG..DGG...........................
     tr|A0A8G0PA33|A0A8G0PA33_9HYPO  P..PPP.PD...............YG..DGG...........................
     tr|A0A2T4ASX5|A0A2T4ASX5_TRIHA  P..PPP.PD...............YGGY..............................
     tr|A0A0F9XWK7|A0A0F9XWK7_TRIHA  P..PPP.PD...............YGGDHGG...........................
     tr|A0A9P8KYJ7|A0A9P8KYJ7_9HYPO  P..PPP.PD...............YGG...............................
     tr|A0A3M9Y5Z2|A0A3M9Y5Z2_9PEZI  ..........TP.....APYSGNGG...H............NG.......GHNG...
     tr|A0A084AK79|A0A084AK79_STACB  .........YP.....SN....GG...N............VG.......NVGG....
     tr|A0A084QPG4|A0A084QPG4_STAC4  .........YP.....SN....GG...N............GG.......NVGG....
     tr|A0A2C6A1J3|A0A2C6A1J3_9HYPO  A..PAPPSYPA.....PAPAPAPPTGGYTPP..SSGYPTP......PSYG.......
     tr|A0A2T3YYV2|A0A2T3YYV2_9HYPO  .......VLPY.....PPV...............VAP......PPYG..........
     tr|A0A444RN28|A0A444RN28_VERDA  .....TDSYTP.....APY...................................G...
     tr|A0A9P8TXY6|A0A9P8TXY6_9HYPO  A..PPPPTYGL.....PT........................................G
     tr|A7LNX3|A7LNX3_HYPVI          P..PPPPDYTL.....PGN......................................G
     tr|A0A7D5AKE8|A0A7D5AKE8_9HYPO  P..PPPPTYAP.....PP........................................
     tr|A0A7D5AU90|A0A7D5AU90_9HYPO  P..PPPPTYAP.....PP........................................
     tr|A0A8G0L6M6|A0A8G0L6M6_9HYPO  P..PPPPTYAP.....PP........................................
     tr|A0A9P4X2C7|A0A9P4X2C7_9HYPO  P..PPPPTYA...............................................
     tr|A0A1T3CUG6|A0A1T3CUG6_9HYPO  P..PPPPTYA...............................................
     tr|A0A5P8PBG9|A0A5P8PBG9_9HYPO  P..PPPPTYA...............................................
     tr|A0A6C0VQ40|A0A6C0VQ40_9HYPO  P..PPPPTYAP.....PPP................................T......
     tr|A0A6A6W3H0|A0A6A6W3H0_9PEZI  STYTDDAGNLILKVAQ....E.SE...........DEGRKRDNDVLAMNF......ARE
     tr|W6YRX9|W6YRX9_COCMI          ...............GEGGE.GGEGG......EGGQ...........G........
     tr|W6YUQ5|W6YUQ5_COCC2          ...............IGGGE.GGGGG......GGEG...........G........
     tr|W7EIZ7|W7EIZ7_BIPV3          ...............IGGGE.GGGEG......GGEGG.......GEGGAG.......
     tr|M2T0S7|M2T0S7_COCSN          ...............GEGGE.GGEG.................................
     tr|M2UIG9|M2UIG9_COCH5          ...............GEGGE.GGEGG...............EGG.Q.......
     tr|N4XL56|N4XL56_COCH4          ...............GEGGE.GGEGG...............EGG.Q.......
     tr|N1PH52|N1PH52_DOTSN          ...............RRWNDEIYRGSDYRGTGYRGWRGNDNRGNRYNTNGYHGYD
     tr|A0A0F4GET0|A0A0F4GET0_9PEZI  ...............SSYG.............G......SGSGMAG.......
     tr|A0A1X7S5Z7|A0A1X7S5Z7_ZYMT9  ...............PSYG.............G......SGSGMAG.......
     tr|F9XMQ8|F9XMQ8_ZYMTI          ...............PSYG.............G......SGSGMAG.......
     tr|A0A1Y6LZB3|A0A1Y6LZB3_ZYMTR  ...............PSYG.............G......SGSGM.........
     tr|A0A2C5Y142|A0A2C5Y142_9HYPO  ...SNNGGYYP........V.PYGSGHNGH.........SGSG.........
     tr|A0A2C5YX46|A0A2C5YX46_9HYPO  ....KNGGYYP........VDPYGSVYDGH.........SGSG.........
     tr|A0A0C2EW62|A0A0C2EW62_9PEZI  ...............SSGDGSG....................................
     tr|U7PJI5|U7PJI5_SPOS1          ...............SSGDGWG....................................
     tr|A0A8H4LSB2|A0A8H4LSB2_9HYPO  AGYRRNFDYDSHHLDRHDGAFPYGREKYSHHDYFSRYPQG.......GYPYNG.......
     tr|Q9C2X0|Q9C2X0_PASFU          NT...PATYP......SGNAPIWSSPIHGG.....NNGGN......GGNG.......
     tr|A0A4Z0YST0|A0A4Z0YST0_9PEZI  TTTTPHGGYP......TTTGYPTGYPTSST.....TKPGG......GHSSSTT......
     tr|A0A2C5YQ90|A0A2C5YQ90_9HYPO  .....NAGYD......SPGGSVYG..........SPSG......SGYG.........
     tr|A0A2C5Y4D8|A0A2C5Y4D8_9HYPO  .....HYGGI......SGGGG.....................................
     tr|A0A2C5YXD6|A0A2C5YXD6_9HYPO  .....HHGGG......GGGGS.WN...........GPGG......GGS.........
     tr|A0A8H4QC75|A0A8H4QC75_9HYPO  .....HHGGG......GGGGG.SG...........S......................
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tr|A0A9Q9AJT3|A0A9Q9AJT3_9PEZI  .....................DHNGGNDDDEPEY.......................P
tr|A0A2S6BV68|A0A2S6BV68_9PEZI  ...............................GGGNNGGNNG.....................
tr|A0A2G5HAF4|A0A2G5HAF4_CERBT  ..................................GG.NNGGNNG..................
tr|A0A9P3CFJ5|A0A9P3CFJ5_9PEZI  ..................................GG.NNGGNNG..................
tr|A0A139IKN8|A0A139IKN8_9PEZI  ...............................NGGSS.GNNG....................
tr|A0A2S6C6N0|A0A2S6C6N0_9PEZI  ...........................GNGNGNSGDGNG.....................
tr|A0A9P3FMZ8|A0A9P3FMZ8_9PEZI  ...........................GNGNGNSGDGNG.....................
tr|A0A9Q9AZV5|A0A9Q9AZV5_9PEZI  ...........................GGGNSGDGNG.......................
tr|A0A6A6F6H3|A0A6A6F6H3_9PEZI  .........................QVGSGSGFGAGG.......................
tr|A0A2S6C833|A0A2S6C833_9PEZI  ...............GAGGGQHGSGAGQGQGGTE..........................
tr|A0A9P3F7Y5|A0A9P3F7Y5_9PEZI  ...............GAGGGQHGSGAGQGQGGSE..........................
tr|A0A4Q4TAA1|A0A4Q4TAA1_9PEZI  ...........................................................
tr|A0A2H2YYI6|A0A2H2YYI6_TRIPA  ...............PPSQGG....KDDGDEDSYAPPSTTLSPSYPISVGGDKS..SYP
tr|A0A2T4BQW8|A0A2T4BQW8_TRILO  ...............PPGHGGYGGGPDDGDKSSYAPPSTTQAPSYPTTTNGGEEETSYP
tr|G9MS02|G9MS02_HYPVG          ......................DHGKDHG.........KDHG......GHY
tr|A0A2K0TG37|A0A2K0TG37_TRIHA  ....................DHGGYSPVPT.........GGGG...YGSV
tr|A0A9P5C8T8|A0A9P5C8T8_9HYPO  ....................DNGGYSPTPS.........SSGD...YGYV
tr|A0A1T3CCP4|A0A1T3CCP4_9HYPO  ....................DNGGYSPTPS.........SSSG...YGYV
tr|A0A8G0PA33|A0A8G0PA33_9HYPO  ....................DNGGYSPTPS.........SSSG...YGYV
tr|A0A2T4ASX5|A0A2T4ASX5_TRIHA  ........................S.PVP.........SSSGDD...YGYV
tr|A0A0F9XWK7|A0A0F9XWK7_TRIHA  ....................DNGGYSPGYP.........TSDGDG...YGYV
tr|A0A9P8KYJ7|A0A9P8KYJ7_9HYPO  ....................DNGGYSPGYP.........TSDGDG...YGYV
tr|A0A3M9Y5Z2|A0A3M9Y5Z2_9PEZI  ..........GNNGGHNGGHNGGNNGGHNGGNNGGNGNNGG....NNGGNNGGNNGGN
tr|A0A084AK79|A0A084AK79_STACB  ..........GYNGGNNGGYNGGNNGGYNGGYN...........................
tr|A0A084QPG4|A0A084QPG4_STAC4  ..........GYSGGNNGGYNGGYNGGNNGG.........GG..................
tr|A0A2C6A1J3|A0A2C6A1J3_9HYPO  ..........GGNPPNNGGGNLPPNNG.......GG........................
tr|A0A2T3YYV2|A0A2T3YYV2_9HYPO  ..........GIAPDHN..........................................
tr|A0A444RN28|A0A444RN28_VERDA  ..........G.NGGHNGGHNGGHNGGNNGGNNGGNG...................GN
tr|A0A9P8TXY6|A0A9P8TXY6_9HYPO  .......................N...........GNG.....................
tr|A7LNX3|A7LNX3_HYPVI          ...........G.NGNGHGNGNGNGN.........GNG.....................
tr|A0A7D5AKE8|A0A7D5AKE8_9HYPO  ....................P.TYTLPPN........GNG....................
tr|A0A7D5AU90|A0A7D5AU90_9HYPO  ....................P.TYTLPPN........GNG....................
tr|A0A8G0L6M6|A0A8G0L6M6_9HYPO  ....................P.AYTLPPN........GNG....................
tr|A0A9P4X2C7|A0A9P4X2C7_9HYPO  ................PPPP.SYTLPAG........GNG.....................
tr|A0A1T3CUG6|A0A1T3CUG6_9HYPO  ................PPPP.SYTLPAG........GNG.....................
tr|A0A5P8PBG9|A0A5P8PBG9_9HYPO  ................PPPP.SYTLPAG........GNG.....................
tr|A0A6C0VQ40|A0A6C0VQ40_9HYPO  ..............Y.APPPP.SYTLPAG........GNG....................
tr|A0A6A6W3H0|A0A6A6W3H0_9PEZI  RCTRERRRLAESSTIVGN......HNNNDFITTAKT...ILRTKLYIVST..........
tr|W6YRX9|W6YRX9_COCMI          .......GQQGGEGGQGG...............QQ...GGEGGLYYGQQG..........
tr|W6YUQ5|W6YUQ5_COCC2          .......GEGGGEGGQGG...............QQ....QGEGGLYYGQQG.........
tr|W7EIZ7|W7EIZ7_BIPV3          .......GQQGGEGGQGG...............QQ...GGEGGLYYGQQG..........
tr|M2T0S7|M2T0S7_COCSN          .......GEGGGEGGPGG...............QQ...GGEGGPYG.QQG..........
tr|M2UIG9|M2UIG9_COCH5          .......GGQGGEGGPGG...............QQ...GGEGGPYG.QQG..........
tr|N4XL56|N4XL56_COCH4          .......GGQGGEGGPGG...............QQ...GGEGGPYG.QQG..........
tr|N1PH52|N1PH52_DOTSN          NCGDDEDCQRNGPSPQGYGEDDYNDNYND......AK...LRRRTWDNNYDG.......
tr|A0A0F4GET0|A0A0F4GET0_9PEZI  ............G..............................HGG..............
tr|A0A1X7S5Z7|A0A1X7S5Z7_ZYMT9  ............GMAG...........................GHGG.............
tr|F9XMQ8|F9XMQ8_ZYMTI          ............GMAG...........................GHGG.............
tr|A0A1Y6LZB3|A0A1Y6LZB3_ZYMTR  ..............AG...........................GHGG.............
tr|A0A2C5Y142|A0A2C5Y142_9HYPO  ............HGHHHGNGNGNGNGNGNGN...GNDGDWHPVNPG.............
tr|A0A2C5YX46|A0A2C5YX46_9HYPO  ..............NGN.............GGAGN...GNGGDWTPVKPG..........
tr|A0A0C2EW62|A0A0C2EW62_9PEZI  ...................S.........DN...GGDGR.....DG.............
tr|U7PJI5|U7PJI5_SPOS1          ........................N...GGDGR.....DG..................
tr|A0A8H4LSB2|A0A8H4LSB2_9HYPO  ..........NNGG....GWNGPYGNW..NGNN...GGNGG..................
tr|Q9C2X0|Q9C2X0_PASFU          ..............................GD...NN...GGNGG....NGG.......
tr|A0A4Z0YST0|A0A4Z0YST0_9PEZI  ...........KPGGGHSSSTTKPGGGHSSSTTK...PGGGSSTTTTPG..........
tr|A0A2C5YQ90|A0A2C5YQ90_9HYPO  ...........SPSGS...GYNSPGRSGY...NS...PGRSG..YYSPG..........
tr|A0A2C5Y4D8|A0A2C5Y4D8_9HYPO  ...........................................................
tr|A0A2C5YXD6|A0A2C5YXD6_9HYPO  ...........VGGGG...GYNGGGGGN.....N...GGGGG...NNGG..........
tr|A0A8H4QC75|A0A8H4QC75_9HYPO  ........................GGGN.....I...GGGGG...DNNG..........
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                                       80        90       100
         tr|A0A9Q9AJT3|A0A9Q9AJT3_9PEZI  VD....QPSKPPGGNKPPGNGGNKPPGNGGNK..............P.........PGN.
         tr|A0A2S6BV68|A0A2S6BV68_9PEZI  .........GN.....NGGNNGGNNGGENGGE..N.......GGENG.........GE..
         tr|A0A2G5HAF4|A0A2G5HAF4_CERBT  .........GN.....NGGNNGGNNGGNNGGE..N.......GGENG.........GE..
         tr|A0A9P3CFJ5|A0A9P3CFJ5_9PEZI  .........GN.....NGGNNGGENG...GE..N....GGENG.........GE..
         tr|A0A139IKN8|A0A139IKN8_9PEZI  .........GNGGGNGNNGNNGGN.................SG.........NEN.
         tr|A0A2S6C6N0|A0A2S6C6N0_9PEZI  .........NSGSGNGNSGSNSGNGNGNNIAV........GGDDD.........ITN.
         tr|A0A9P3FMZ8|A0A9P3FMZ8_9PEZI  .........NSGSGNGNSGNNSGNGNGNNGNV........GGDDD.........NNNN
         tr|A0A9Q9AZV5|A0A9Q9AZV5_9PEZI  .........NSGSGNGNSGNGSGNGNGNSGKG........NNGNG.........NGS.
         tr|A0A6A6F6H3|A0A6A6F6H3_9PEZI  .................S........................AGAGGA
         tr|A0A2S6C833|A0A2S6C833_9PEZI  .SSPVGGAPG..GGVGGNQHGG..GPSQGGTE..SSPVGGNPAGGAGGSQYGGGSGQGGT
         tr|A0A9P3F7Y5|A0A9P3F7Y5_9PEZI  .SSPVGG......GAVGNQYGG..GSGQGGTE..SSPVGGNPGGGAGGSQYGGGSGQGGT
         tr|A0A4Q4TAA1|A0A4Q4TAA1_9PEZI  .................................................
         tr|A0A2H2YYI6|A0A2H2YYI6_TRIPA  PPSSTPYPPPAADGNGGNHSGDNSGDHNGDDD..DDNN.....GDDGDN......VPGAP
         tr|A0A2T4BQW8|A0A2T4BQW8_TRILO  VASST.YSSTS...........SSTPSPTTPA..GDND.....GDDGDD......VPGTP
         tr|G9MS02|G9MS02_HYPVG          PGDPNYPP...............PPPPG...Y.........HNGGS
         tr|A0A2K0TG37|A0A2K0TG37_TRIHA  PPTPTPPPPPSYDD.GG......SDENPT...D...........GDGDD
         tr|A0A9P5C8T8|A0A9P5C8T8_9HYPO  PPTPTPPPP.............PPPPS...Y...........DDGGD
         tr|A0A1T3CCP4|A0A1T3CCP4_9HYPO  PPTPTLPPP.............PPPPS...Y...........DDGGD
         tr|A0A8G0PA33|A0A8G0PA33_9HYPO  PPTPTPPPP.............PPPPS...Y...........DDGGD
         tr|A0A2T4ASX5|A0A2T4ASX5_TRIHA  PPTPTPPPPPPP.............PPPPS...Y...........DDGGD
         tr|A0A0F9XWK7|A0A0F9XWK7_TRIHA  PPTPTPP.............PPPPS...Y...........DDGGD
         tr|A0A9P8KYJ7|A0A9P8KYJ7_9HYPO  PPTPTPP.............PPPPS...Y...........DDGGD
         tr|A0A3M9Y5Z2|A0A3M9Y5Z2_9PEZI  NG.GNGGGNGGNGNNGGNGNNGGNGGNNGGNN..GGNN.....GNNGGNNGGNGGNNGGN
         tr|A0A084AK79|A0A084AK79_STACB  .............................GG.......................
         tr|A0A084QPG4|A0A084QPG4_STAC4  .............................GG.......................
         tr|A0A2C6A1J3|A0A2C6A1J3_9HYPO  ....NLPPNN.........GGGNPPNNGG.........GNP.PNNGGGNMP...
         tr|A0A2T3YYV2|A0A2T3YYV2_9HYPO  .......PPF.......GGG.................IP...
         tr|A0A444RN28|A0A444RN28_VERDA  NG.GNGGNNG......GNGNGGNGGNNGGNN..GGNN.....GGNGGNNGGGNGGNN....
         tr|A0A9P8TXY6|A0A9P8TXY6_9HYPO  .........N.......GNGNGNGNGNGNGD.........GNG...HGNGN.....
         tr|A7LNX3|A7LNX3_HYPVI          .........N.......GNGNGNGNGNGN..........GNG...NGNGD.....
         tr|A0A7D5AKE8|A0A7D5AKE8_9HYPO  .........G.......GNGNGNGNGNGN.........GNG...NGNGG.....
         tr|A0A7D5AU90|A0A7D5AU90_9HYPO  .........N.......GNGNGNGNGNGH.........GNG...NGNGN.....
         tr|A0A8G0L6M6|A0A8G0L6M6_9HYPO  .........N...GNGNG........N.........GNG...HGSGN.....
         tr|A0A9P4X2C7|A0A9P4X2C7_9HYPO  .........N...GNGNGNG......N.........GNG...HGNGN.....
         tr|A0A1T3CUG6|A0A1T3CUG6_9HYPO  .........N...GNGNGNGN.................GNGH.....
         tr|A0A5P8PBG9|A0A5P8PBG9_9HYPO  .........N...GNGN.............GNG...HGNGN.....
         tr|A0A6C0VQ40|A0A6C0VQ40_9HYPO  .........N...GNGNGNGNGHGNGN.........GNG...HGNGN.....
         tr|A0A6A6W3H0|A0A6A6W3H0_9PEZI  ................VVP...EQQG.....KPH.....PP.......DSF
         tr|W6YRX9|W6YRX9_COCMI          ...........GGQPGG...EQQG...QQESQYGQQEDQ...QE.......SQY
         tr|W6YUQ5|W6YUQ5_COCC2          ...........GQQGGG...QQEGGQQGGEEDSYGQPGGQQGGEE.......DSY
         tr|W7EIZ7|W7EIZ7_BIPV3          ..........SGGQQGGQQGGG...QQEGGQQGGEEDSYGQPGGQQGGEE.......DSY
         tr|M2T0S7|M2T0S7_COCSN          .................GG...Q.......................
         tr|M2UIG9|M2UIG9_COCH5          .................GG...Q.......................
         tr|N4XL56|N4XL56_COCH4          .................GG...Q.......................
         tr|N1PH52|N1PH52_DOTSN          .........DRPQQYGNSRYG.......D............NGYSG......DGY
         tr|A0A0F4GET0|A0A0F4GET0_9PEZI  .........SGGSNGGG.......................
         tr|A0A1X7S5Z7|A0A1X7S5Z7_ZYMT9  .........SGGYSGGSNNGG.......S.........NGGSN.....
         tr|F9XMQ8|F9XMQ8_ZYMTI          .........SGGYSGGSNNGG.......S.........NGGSN.....
         tr|A0A1Y6LZB3|A0A1Y6LZB3_ZYMTR  .........SGGYSGGSNNGG.......S.........NGGSN.....
         tr|A0A2C5Y142|A0A2C5Y142_9HYPO  .........GDDD.......................
         tr|A0A2C5YX46|A0A2C5YX46_9HYPO  .........GDGGNGNGSGDG.................NGGNG.....
         tr|A0A0C2EW62|A0A0C2EW62_9PEZI  .........RDGSDGSDGNGG.................SGGNG.....
         tr|U7PJI5|U7PJI5_SPOS1          .........GDGGNGGGGGGG.................GGG.G.....
         tr|A0A8H4LSB2|A0A8H4LSB2_9HYPO  ..............NGNNGG.................NGGNG.......NN
         tr|Q9C2X0|Q9C2X0_PASFU          .........SGGGNTGGNAGN.................GGGNN.......GGN
         tr|A0A4Z0YST0|A0A4Z0YST0_9PEZI  .........GGSSTTSSTTTP.................GGGST.......TSS
         tr|A0A2C5YQ90|A0A2C5YQ90_9HYPO  ..........RSGYNSPGRS.................GYSN.....
         tr|A0A2C5Y4D8|A0A2C5Y4D8_9HYPO  ..........NNGGGDNGG.................GGGNN.....
         tr|A0A2C5YXD6|A0A2C5YXD6_9HYPO  .........GGGNNGGDNGG.................GGGNN.....
         tr|A0A8H4QC75|A0A8H4QC75_9HYPO  ..........GG......SNGG.................GG.N...........
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                                      110          120          130          140
tr|A0A9Q9AJT3|A0A9Q9AJT3_9PEZI  ......GGNK...PPGSGG.NGGNGGN.......GG......GSGGRPAQVCPSG...WV
tr|A0A2S6BV68|A0A2S6BV68_9PEZI  .............NGGENG.GGNNGGGNNG.GNNGGNNGG...SGGGQAMVCPSG...YF
tr|A0A2G5HAF4|A0A2G5HAF4_CERBT  .............NGGENG.G.ENGGDNNG.GNNGGNNGG...NGGGQAMVCPSG...YF
tr|A0A9P3CFJ5|A0A9P3CFJ5_9PEZI  .............NGGENG.G.GNNGGNNG.GNNGGNNGG...YGGGQAMVCPSG...YF
tr|A0A139IKN8|A0A139IKN8_9PEZI  ..............SGENG.SGNNTGKDN.....DKGNS.LTPPQSGSVRVCNGG...WT
tr|A0A2S6C6N0|A0A2S6C6N0_9PEZI  .DDDAVGNDD...DVIGGG.DGDNGGDGDNGGDGDNGNGGDDDVIVTPFDAC.TG.LSDT
tr|A0A9P3FMZ8|A0A9P3FMZ8_9PEZI  NDDETVGGDD...DNVGGD.DGDNGGDDNT.................DPVNPCGDA.LYSN
tr|A0A9Q9AZV5|A0A9Q9AZV5_9PEZI  ......G......NGSGNG.SNNNGGRVVTPGRPGTTNPTVPTIPVGSVNPC.NG.LANT
tr|A0A6A6F6H3|A0A6A6F6H3_9PEZI  ........SK...GV..............SGG.A..G..GAGGAGEPASPLCPYG.LSAN
tr|A0A2S6C833|A0A2S6C833_9PEZI  ........ES...SPVG...GAPGGGAGGPPV.Y..G..GGGGSGGLSGPLCPYG.LSAN
tr|A0A9P3F7Y5|A0A9P3F7Y5_9PEZI  ........ES...SPVG...GAPGAGAGGPPG.Y..G..GA.SSGGPSGPLCPYG.LSAN
tr|A0A4Q4TAA1|A0A4Q4TAA1_9PEZI  ........EK...ART.......................DHGNTPSSYDPCSG..LYDS
tr|A0A2H2YYI6|A0A2H2YYI6_TRIPA  ........EQ...PPTDGDSDSPDDGTDGDDT.VGGG..DDGDGEDNASDLCPGF.LYAS
tr|A0A2T4BQW8|A0A2T4BQW8_TRILO  ........EQ...PPTDGDSNPPDDGDDGDDT.DGGG..DDGDGEDGSSNLCAPL.LYSN
tr|G9MS02|G9MS02_HYPVG          ........DK...PPTDGDGYPSDGGDDGDDS.DGGG..HGGDRENDPSDLCPTL.LYSN
tr|A0A2K0TG37|A0A2K0TG37_TRIHA  ........YE...PPADGDGSSDGGDDGDDG.DGGS..DGSDGERAASVLCPAL.ISGI
tr|A0A9P5C8T8|A0A9P5C8T8_9HYPO  ........YE...PPTDGDGSSDGGDDGDDS.GDSG..DGGDGERIHSDLCPAV.ISGI
tr|A0A1T3CCP4|A0A1T3CCP4_9HYPO  ........YE...PPTDGDGSSDGGDDGDDS.GDSG..DGGDGERSGSNLCPAV.VSGI
tr|A0A8G0PA33|A0A8G0PA33_9HYPO  ........YE...PPTDGDGSSDGGDDGDDS.GDSG..DGGDGERSGSNLCPAV.VSGI
tr|A0A2T4ASX5|A0A2T4ASX5_TRIHA  ........YE...PPTDGDGSSDGGDDGDDS.DDGS..DGGDGERSQTNLCPAV.ISGI
tr|A0A0F9XWK7|A0A0F9XWK7_TRIHA  ........YE...PPTDGDGSSDGGDDGDDS.DDGS..DGSDGERSQTNLCPAL.VSGI
tr|A0A9P8KYJ7|A0A9P8KYJ7_9HYPO  ........YE...PPTDGDGSSDGGDDGDDS.DDGS..DGSDGERSQTNLCPAV.ISGI
tr|A0A3M9Y5Z2|A0A3M9Y5Z2_9PEZI  GNNGGNGGNN...GGNNGGNGGNNGGN......NGGN..NGGNGGGKDYAPCPSG.LSMS
tr|A0A084AK79|A0A084AK79_STACB  ........NN...GGY...NGGYNGGI......NG.....GNNGGNNNYNPCPGT.LYSR
tr|A0A084QPG4|A0A084QPG4_STAC4  ........N...GGN...NGGNNGGN......NG.....GNNGGINNYNPCPGT.LYSR
tr|A0A2C6A1J3|A0A2C6A1J3_9HYPO  ...PANGGGN...PPANGGGNPPSG.................GGGGGSMPLCAPGLLYTQ
tr|A0A2T3YYV2|A0A2T3YYV2_9HYPO  ...PINSGGL...PPTNGA....................YPGGNNRHLCPSGLLYTN
tr|A0A444RN28|A0A444RN28_VERDA  ...GGNNGGN...GGNNGGNNGGNGGN......NGGN..NGGNGGNNDYAPCPSG.LSMT
tr|A0A9P8TXY6|A0A9P8TXY6_9HYPO  ........GN...PPTNGGN.PPNGGN......HPG.......HGYPVNPVCPIG.LYSV
tr|A7LNX3|A7LNX3_HYPVI          ........GN...GNGNG......................NGGASALCPTG.LFAS
tr|A0A7D5AKE8|A0A7D5AKE8_9HYPO  ........GN...GNGNT.........................NTGGSPLCPSG.LYSN
tr|A0A7D5AU90|A0A7D5AU90_9HYPO  ........GN...GNGNG.........................NGNSSPLCPAG.LFSN
tr|A0A8G0L6M6|A0A8G0L6M6_9HYPO  ........GN...GNGNT.........................NTSGGSVCPAG.LYSN
tr|A0A9P4X2C7|A0A9P4X2C7_9HYPO  ........GN...GNGNT.........................NTGGSPVCPTG.LYSN
tr|A0A1T3CUG6|A0A1T3CUG6_9HYPO  ........GN...GNGNG.........................NTSGGAVCPAG.LYSN
tr|A0A5P8PBG9|A0A5P8PBG9_9HYPO  ........GN...GNGNG.........................NTSGGAVCPAG.LYSN
tr|A0A6C0VQ40|A0A6C0VQ40_9HYPO  ........GN...GNGNG.........................NTSGGAVCPAG.LYSN
tr|A0A6A6W3H0|A0A6A6W3H0_9PEZI  TM.QYQSVLT.................LV......L..ALASLGAAQGAICPD...NRV
tr|W6YRX9|W6YRX9_COCMI          GQQGGQGEQG...GQGQQGGHGQHGGQGQH......G..HGHGHSQGQGGICG....SSS
tr|W6YUQ5|W6YUQ5_COCC2          GQPGGQQ.......GGQGQGQGQHGG..QH......G..GQHGHGHGQGGICG....SSS
tr|W7EIZ7|W7EIZ7_BIPV3          GQPGGGQQGGE...QGGQQGGGQGQHGGQH.......G..HGHGHGHGQGGICG....SSS
tr|M2T0S7|M2T0S7_COCSN          .....QGGGE...QGGQQGGGQGHGGQGQHS.....Q..HGHGHGQG.GGLCG....SSS
tr|M2UIG9|M2UIG9_COCH5          .....QGG.Q...EGDQQGGQGEHGGQGGH......G..HGHGHGHG.GGICG....SSS
tr|N4XL56|N4XL56_COCH4          .....QGG.Q...EGDQQGGQGEHGGQGGH......G..HGHGHGHG.GGICG....SSS
tr|N1PH52|N1PH52_DOTSN          SRNGYNG.............DCEDGNCDSRDG....D...Y......GGNFRCPG.L.AAV
tr|A0A0F4GET0|A0A0F4GET0_9PEZI  ...............................S..NGG....SNKFKCSAPLQ.SS
tr|A0A1X7S5Z7|A0A1X7S5Z7_ZYMT9  .........................GGSSNGG....S..NGGS..NGGKFQCSAPLQ.SS
tr|F9XMQ8|F9XMQ8_ZYMTI          .........................GGSSNGG....S..NGGS..NGGKFQCSAPLQ.SS
tr|A0A1Y6LZB3|A0A1Y6LZB3_ZYMTR  .........................GGSSNGG....S..NGGS..NGGKFQCSAPLQ.SS
tr|A0A2C5Y142|A0A2C5Y142_9HYPO  ......................G....N..NGSGNVPSIDDFCPRSGLLGN
tr|A0A2C5YX46|A0A2C5YX46_9HYPO  .....NGG............NGNGNGD....N..NGSGNVPSIDDFCPRSGLVGN
tr|A0A0C2EW62|A0A0C2EW62_9PEZI  ....GS...............GGNGGSG...G..NGGS..IAIYEACPSGLIGSY
tr|U7PJI5|U7PJI5_SPOS1          ....GG................GGGGGGG...G..GGGG..SANYEACPSGLIGSY
tr|A0A8H4LSB2|A0A8H4LSB2_9HYPO  ...GNNGGN.............GNNGGNGG....N..NGGN..GGGGKTCPTGLY.SV
tr|Q9C2X0|Q9C2X0_PASFU          NNGGNNGGNT.............GGEGGNGG....N..GGNG..GAPVELCP..AN.RV
tr|A0A4Z0YST0|A0A4Z0YST0_9PEZI  TTTPGGGSTTSSTTTTTPGGGSPTSSTTSPGT....P..YPTG..G..YFACPSGLY.SV
tr|A0A2C5YQ90|A0A2C5YQ90_9HYPO  ...G...GV........FGGGV....TPGNGG....A..PGNG..G..KSLCAAGLY.SS
tr|A0A2C5Y4D8|A0A2C5Y4D8_9HYPO  ...GGGGSNTG......GGGG.......GGSS....G..SGGG..G..GYSCSPSLY.SN
tr|A0A2C5YXD6|A0A2C5YXD6_9HYPO  ...GGGGGNNG......GGGGN......TGGGGG...G..GGGG..G..VFSCSPGLY.SN
tr|A0A8H4QC75|A0A8H4QC75_9HYPO  .....GGGDNG.........GG....NNNGGG....G..GGGG..G..RFSCSPGLY.SN
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                                                        150              160        170
                                                         .                .          .
tr|A0A9Q9AJT3|A0A9Q9AJT3_9PEZI  PQCCQT...NVLGVVGLQCGN....................VPRTITGVSQFQKTCA.KT
tr|A0A2S6BV68|A0A2S6BV68_9PEZI  AQCCAT...NVLGLAGLSCGN....................VPNTITSQRNFVGQCA.AT
tr|A0A2G5HAF4|A0A2G5HAF4_CERBT  AQCCAT...NVLGLAGLSCGN....................VPNTITSQRNFVGQCA.AT
tr|A0A9P3CFJ5|A0A9P3CFJ5_9PEZI  AQCCAT...NVLGLAGLSCGN....................VPNTITSQKNFVGQCA.AT
tr|A0A139IKN8|A0A139IKN8_9PEZI  PQCCAT...NVLGVAGVDCSA....................VPDTITSRTNFAKQCS.DQ
tr|A0A2S6C6N0|A0A2S6C6N0_9PEZI  PQCCAT...DILGVADLDCAP....................LEETITSRDNFIAQCA.AI
tr|A0A9P3FMZ8|A0A9P3FMZ8_9PEZI  PQCCGT...GVLDLLDLDCDN....................TPFSIASRADFIDQCS.NI
tr|A0A9Q9AZV5|A0A9Q9AZV5_9PEZI  PQCCAT...NVLDLASLDCND....................VPDTITSRDNFVGQCA.DQ
tr|A0A6A6F6H3|A0A6A6F6H3_9PEZI  PSCCQT...DAGGVIALTCKA....................PPGNPKNKDEFAEACN.SQ
tr|A0A2S6C833|A0A2S6C833_9PEZI  PNCCQT...DVGGVIALTCKA....................PPGNPRNKQEFAQACS.SQ
tr|A0A9P3F7Y5|A0A9P3F7Y5_9PEZI  PNCCQT...DVGGVIALTCKA....................PPGNPRNKQEFAQACS.SQ
tr|A0A4Q4TAA1|A0A4Q4TAA1_9PEZI  AQCCAT...DVLGVADLDCAS....................PPKVPHSASDFRKTCA.NI
tr|A0A2H2YYI6|A0A2H2YYI6_TRIPA  PQCCDT...SVLGLLDLSCEP....................PRSTPADVEAFNDICQ.EV
tr|A0A2T4BQW8|A0A2T4BQW8_TRILO  PQCCDA...SVLGVLDLNCTP....................PPSTPTDYDSFNDICQ.DI
tr|G9MS02|G9MS02_HYPVG          PQCCSA...SVLNIADLDCEP....................PRKRPSRKHDFKQICA.AQ
tr|A0A2K0TG37|A0A2K0TG37_TRIHA  AQCCSA...NVLNLVNLDCVSRKSSLPSTLAVSFTNLAPTTANKEPKDRKDFEKICS.SI
tr|A0A9P5C8T8|A0A9P5C8T8_9HYPO  AQCCSG...NILGLISLDCVS....................PNKEPQGITDFKTICS.KM
tr|A0A1T3CCP4|A0A1T3CCP4_9HYPO  AKCCSA...SVLGLLNLDCVS....................PSKEPKDRKDFEKICS.SI
tr|A0A8G0PA33|A0A8G0PA33_9HYPO  AKCCSA...SVLGLLNLDCVS....................PSKEPKDRKDFEKICS.SI
tr|A0A2T4ASX5|A0A2T4ASX5_TRIHA  AKCCST...NVLDLLNLDCVS....................PNKEPKDRKDFEKIFA.GM
tr|A0A0F9XWK7|A0A0F9XWK7_TRIHA  AQCCSA...NVLGLLNLDCVS....................PNKEPKDRKDFEKICS.NM
tr|A0A9P8KYJ7|A0A9P8KYJ7_9HYPO  AKCCST...NVLDLLNLDCVS....................PNKEPKDRKDFEKICA.GM
tr|A0A3M9Y5Z2|A0A3M9Y5Z2_9PEZI  PVCCAT...NVLGLLALNCEA....................PTKTPTSAMDFQKTCA.DT
tr|A0A084AK79|A0A084AK79_STACB  PQCCAV...DVLGVVSLNCDG....................PNQAPVSATNFAAICNADN
tr|A0A084QPG4|A0A084QPG4_STAC4  PQCCAV...DVLGVVSLNCDG....................PNQAPFSATNFAAICNADN
tr|A0A2C6A1J3|A0A2C6A1J3_9HYPO  PQCCST...GVLGLADLDCKP....................LASPASNPADFKAGCS.KQ
tr|A0A2T3YYV2|A0A2T3YYV2_9HYPO  PQCCSA...GVLGVLDLDCKT....................PSSVPMNGADFERICA.AD
tr|A0A444RN28|A0A444RN28_VERDA  PVCCAT...NVLGLLALNCDA....................PSKTPTSAKDFQKICA.DA
tr|A0A9P8TXY6|A0A9P8TXY6_9HYPO  PKCCAT...DVLGVADLDCHT....................PSSAPKDGDDFEKICA.KT
tr|A7LNX3|A7LNX3_HYPVI          PQCCAT...DVLGVADLDCIV....................PTTAPQNAASFQSTCA.AS
tr|A0A7D5AKE8|A0A7D5AKE8_9HYPO  PQCCAT...DVLGLADLDCAV....................PSTTPHDGPNFQSICA.AN
tr|A0A7D5AU90|A0A7D5AU90_9HYPO  PNCCST...DVLGLADLDCNV....................PSTPPHDGAAFRSICA.AT
tr|A0A8G0L6M6|A0A8G0L6M6_9HYPO  PQCCST...VVLGIVGLDCST....................PTN.VHDPSAFTKGCA.TA
tr|A0A9P4X2C7|A0A9P4X2C7_9HYPO  PQCCST...VVLGIVGLDCKT....................PSS.VHDSSAFKNACA.AT
tr|A0A1T3CUG6|A0A1T3CUG6_9HYPO  PQCCST...LVLGIVGLDCST....................PTS.VQSPSAFKNGCA.TT
tr|A0A5P8PBG9|A0A5P8PBG9_9HYPO  PQCCST...LVLGIVGLDCST....................PTS.VQSPSAFKNGCA.AK
tr|A0A6C0VQ40|A0A6C0VQ40_9HYPO  PQCCST...LVLGIVGLDCST....................PTS.VQSPSAFKNGCA.AK
tr|A0A6A6W3H0|A0A6A6W3H0_9PEZI  PQCCATTIVDVLGVVDLECQQ....................PPATPTSAADLQSMCV.MS
tr|W6YRX9|W6YRX9_COCMI          PLCCQV...GLLGVTNCASAG....................A...VTTPGAFNAQCA.QN
tr|W6YUQ5|W6YUQ5_COCC2          PLCCQT...GLLGVSNCASAG....................A...VATPDAFNAQCA.QN
tr|W7EIZ7|W7EIZ7_BIPV3          PLCCQT...GLLGVSNCASAG....................A...VATPDAFNAQCA.QN
tr|M2T0S7|M2T0S7_COCSN          PLCCQT...GLLGVSNCASAG....................A...VATPDAFNAQCA.QN
tr|M2UIG9|M2UIG9_COCH5          PLCCQT...GLLGVSNCASAG....................A...VTTPDAFNAQCA.QN
tr|N4XL56|N4XL56_COCH4          PLCCQT...GLLGVSNCASAG....................A...VTTPDAFNAQCA.QN
tr|N1PH52|N1PH52_DOTSN          PQCCEL...NAAGVVSATCKN....................PSRTPDSKGEFQEDCA.QS
tr|A0A0F4GET0|A0A0F4GET0_9PEZI  LQCCQV...NALGLASLPCNA....................PTRDIESREDFVKYCQ.QS
tr|A0A1X7S5Z7|A0A1X7S5Z7_ZYMT9  PQCCAV...NALGVASLPCNA....................PTRDIESREDFVKYCG.QS
tr|F9XMQ8|F9XMQ8_ZYMTI          PQCCAV...NALGVASLPCNA....................PTRDIESREDFVKYCG.QS
tr|A0A1Y6LZB3|A0A1Y6LZB3_ZYMTR  PQCCAV...NALGVASLPCNA....................PTRDIESREDFVKYCG.QS
tr|A0A2C5Y142|A0A2C5Y142_9HYPO  PFCCTT...DVINLLDLRCEF....................PTKPYSSLTSLKQICQ.DE
tr|A0A2C5YX46|A0A2C5YX46_9HYPO  PFCCTT...DVLNLLDLRCEI....................PTQPFSSLTSLKQICQ.DE
tr|A0A0C2EW62|A0A0C2EW62_9PEZI  PQCCTV...DILDVLSLDCKP....................VPRTPTSALDFKEACA.LV
tr|U7PJI5|U7PJI5_SPOS1          PQCCTV...DILNVLDLNCKP....................VPIVPTSAAEFEAACA.SV
tr|A0A8H4LSB2|A0A8H4LSB2_9HYPO  PQCCGT...DVLGVADLDCKP....................PSSGSAES.....FS.CS
tr|Q9C2X0|Q9C2X0_PASFU          PQCCQL...SVLGVADVTCAS....................PSSGLTSVSAFEADCA.ND
tr|A0A4Z0YST0|A0A4Z0YST0_9PEZI  EQCCAT...DILGVADLDCHS....................PSAVPSSAANFQAICA.AG
tr|A0A2C5YQ90|A0A2C5YQ90_9HYPO  PQCCST...DVLGVAGLDCKA....................PSSGPTDLAGFKGICG.AA
tr|A0A2C5Y4D8|A0A2C5Y4D8_9HYPO  VACCAT...DVPGL.DLDCQ.....................PPRSHTSLADFNAVCA.GI
tr|A0A2C5YXD6|A0A2C5YXD6_9HYPO  SQCCAT...DVLGVADLDCKS....................PPRTPTSLADFNAVCA.GI
tr|A0A8H4QC75|A0A8H4QC75_9HYPO  AQCCAT...DVLGVADLDCKS....................PSRTPTSLADFNSICA.GV
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                                              180        190
                                              .          .
tr|A0A9Q9AJT3|A0A9Q9AJT3_9PEZI  GHSANCCIIPA.LGQG......IICNQL........
tr|A0A2S6BV68|A0A2S6BV68_9PEZI  GTTAACCLIPL.AGQG......VICNEI........
tr|A0A2G5HAF4|A0A2G5HAF4_CERBT  GTTAACCLIPL.AGQG......VICNEI........
tr|A0A9P3CFJ5|A0A9P3CFJ5_9PEZI  GTTAACCLIPL.AGQG......VICNEI........
tr|A0A139IKN8|A0A139IKN8_9PEZI  GLSSSCCLIPV.LGQG......LVCQRS........
tr|A0A2S6C6N0|A0A2S6C6N0_9PEZI  GQRARCCAVPI.LGQG......LVCTAPTA......
tr|A0A9P3FMZ8|A0A9P3FMZ8_9PEZI  GQQARCCVLPV.LGQA......LLCQDPLV......
tr|A0A9Q9AZV5|A0A9Q9AZV5_9PEZI  GLTAQCCLLPV.LGQG......LLCGGNLN.....
tr|A0A6A6F6H3|A0A6A6F6H3_9PEZI  GLTPQCCALGL.LGNQ......LVCQSPI......
tr|A0A2S6C833|A0A2S6C833_9PEZI  GLTPQCCALGL.LGNQ......LICQNPL......
tr|A0A9P3F7Y5|A0A9P3F7Y5_9PEZI  GLTPQCCALGL.LGNQ......LICQNPL......
tr|A0A4Q4TAA1|A0A4Q4TAA1_9PEZI  GQRARCCVLPV.LGQG......VLCQTPVGV....
tr|A0A2H2YYI6|A0A2H2YYI6_TRIPA  GQKAQCCVLPV.AGQA......LLCEDVPNQ....
tr|A0A2T4BQW8|A0A2T4BQW8_TRILO  GKEAQCCVIPV.LGQA......LLCEDVPLE....
tr|G9MS02|G9MS02_HYPVG          GSDAKCCVIPL.LGLG......ILCTDAIV.....
tr|A0A2K0TG37|A0A2K0TG37_TRIHA  GKQATCCTLGL.LGLG......VLCGH........
tr|A0A9P5C8T8|A0A9P5C8T8_9HYPO  GKQATCCTLGL.VSNA......LTIDAEF......
tr|A0A1T3CCP4|A0A1T3CCP4_9HYPO  GKQATCCTLGL.LGLG......VLCGQ........
tr|A0A8G0PA33|A0A8G0PA33_9HYPO  GKQATCCTLGL.LGLG......VLCGQ........
tr|A0A2T4ASX5|A0A2T4ASX5_TRIHA  GRQATCCTLGL.LGLG......LLCGH........
tr|A0A0F9XWK7|A0A0F9XWK7_TRIHA  GKQATCCTLGL.LGLG......LLCGH........
tr|A0A9P8KYJ7|A0A9P8KYJ7_9HYPO  GRQATCCTLGL.LGLG......LLCGH........
tr|A0A3M9Y5Z2|A0A3M9Y5Z2_9PEZI  GKAAKCCTLNL.LNQG......VLCQVPVGVAA..
tr|A0A084AK79|A0A084AK79_STACB  ASAAQCCTIPI.LGQG......LLCQSPTGLN..
tr|A0A084QPG4|A0A084QPG4_STAC4  ASAAQCCTIPI.LGQG......LLCQSPTGLN..
tr|A0A2C6A1J3|A0A2C6A1J3_9HYPO  GGKAQCCSIPV.AGLA......LLCQDPTGA...
tr|A0A2T3YYV2|A0A2T3YYV2_9HYPO  GSKAQCCSVPV.AGLA......LLCQDAIGTN..
tr|A0A444RN28|A0A444RN28_VERDA  GTAAKCCTLNL.LNQG......VLCQVPVGVAA.
tr|A0A9P8TXY6|A0A9P8TXY6_9HYPO  GNQARCCVIPV.AGQA......VLCETPTGVY..
tr|A7LNX3|A7LNX3_HYPVI          GRRPRCCVLPV.AGLG......VLCTSPVGTQ..
tr|A0A7D5AKE8|A0A7D5AKE8_9HYPO  GKRARCCVLPV.VGLG......VLCENPVGTN..
tr|A0A7D5AU90|A0A7D5AU90_9HYPO  GKRARCCVLPL.VGLG......VLCTDPVGAN..
tr|A0A8G0L6M6|A0A8G0L6M6_9HYPO  GKQAVCCVLPV.VSDF......SEDK..FSSLY.
tr|A0A9P4X2C7|A0A9P4X2C7_9HYPO  GSQAVCCVVPV.AGQD......LLCQTAVGAA..
tr|A0A1T3CUG6|A0A1T3CUG6_9HYPO  GKQAVCCVLPV.AGQD......LLCQGVPGA...
tr|A0A5P8PBG9|A0A5P8PBG9_9HYPO  GAQAVCCVLPV.AGQD......VLCQTAIGA...
tr|A0A6C0VQ40|A0A6C0VQ40_9HYPO  GAQAVCCVLPV.AGQD......VLCQTAIGA...
tr|A0A6A6W3H0|A0A6A6W3H0_9PEZI  GRRARCCAVPV.AGQS......LVCADP......
tr|W6YRX9|W6YRX9_COCMI          GLTAQCCILPL.GGLGNLGGDGLVCTALLLLGLGII
tr|W6YUQ5|W6YUQ5_COCC2          GLSAQCCILPL.GGLGNLGGDGLICTALLLLGLGVI
tr|W7EIZ7|W7EIZ7_BIPV3          GLSAQCCILPL.GGLGNLGGDGLVCTALLLLGLGVI
tr|M2T0S7|M2T0S7_COCSN          GLSAQCCILPL.GGLGNLGGDGLVCTALLLLGLGVI
tr|M2UIG9|M2UIG9_COCH5          GLSAQCCILPL.GGLGNLGGDGLICTALLLLGLGVI
tr|N4XL56|N4XL56_COCH4          GLSAQCCILPL.GGLGNLGGDGLICTALLLLGLGVI
tr|N1PH52|N1PH52_DOTSN          GKSAQCCIGIG.ISGIGIS...VACNNV......
tr|A0A0F4GET0|A0A0F4GET0_9PEZI  GATAQCCVAPA.LGAG......VACEEVKSNN..
tr|A0A1X7S5Z7|A0A1X7S5Z7_ZYMT9  GATAQCCVLPA.LGAG......VACEEVKSN...
tr|F9XMQ8|F9XMQ8_ZYMTI          GATAQCCVLPA.LGAG......VACEEVKSN...
tr|A0A1Y6LZB3|A0A1Y6LZB3_ZYMTR  GATAQCCVLPA.LGAG......VACEEVKSN...
tr|A0A2C5Y142|A0A2C5Y142_9HYPO  GRVARCCAVPV.IGQA......LICEDTV.....
tr|A0A2C5YX46|A0A2C5YX46_9HYPO  GREARCCAIPL.IGQG......VICEDTL.....
tr|A0A0C2EW62|A0A0C2EW62_9PEZI  GGSPECCTVPI.ATLG......LLCEAPPGTL..
tr|U7PJI5|U7PJI5_SPOS1          GGVPECCTVPL.ATLG......VLCEVPPGTA..
tr|A0A8H4LSB2|A0A8H4LSB2_9HYPO  GAKARCCAIPV.AGLA......VLCTEATG....
tr|Q9C2X0|Q9C2X0_PASFU          GTTAQCCLIPV.LGLG......LFCSNP.....
tr|A0A4Z0YST0|A0A4Z0YST0_9PEZI  GQRARCCVIPI.LGQA......VLCETPAGVV..
tr|A0A2C5YQ90|A0A2C5YQ90_9HYPO  GKSARCCVLPV.AGQD......VLCTDPLPA...
tr|A0A2C5Y4D8|A0A2C5Y4D8_9HYPO  GKRARCCVLPV.LG................
tr|A0A2C5YXD6|A0A2C5YXD6_9HYPO  GNRARCCVIPV.LGLA......VLCKDP......
tr|A0A8H4QC75|A0A8H4QC75_9HYPO  GNRARCCVIPV.AGLA......VLCKDP......
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