```
helix                  x~~~~~~~~~~~|_____(~~~)___|~|_____|~|____________|~|________|_|~~~~|_______|~~|___|~~|_____|~~|________        1
E.coli                 -|--AAAUUGAA|GAGUU(UGA)UCA|U|GGCUC|A|GAUUGAACGCU|G|GCGGCAGG|C|CUAA|CACAUGC|AA|GUC|GA|ACGGU|AA|CAGGAAGA    80
chl.Z.mays             -|--CUCAUGGA|GAGUU(CGA)UCC|U|GGCUC|A|GGAUGAACGCU|G|GCGGCAUG|C|UUAA|CACAUGC|AA|GUC|GA|ACGGG|--|------aa   72
chl.Chlamy.humicola    -|NNNNNNNNNN|NNNNN(NNN)NNN|N|N....|.|...........|.|....C...|.|U.A.|.......|..|..C|.U|...GG|--|--UAAUGG   78
chl.Polytoma.62-27     -|NNNNNNNNNN|NNNNN(NNN)NNN|N|NNNNN|N|NN.........|A|...C...|.|U.A.|.......|..|..C|.A|...AG|--|-----ACU   75
chl.Poly.obtusum       -|NNNNNNNNNN|NNNNN(NNN)NNN|N|NNNNN|N|A.G...U....|A|..N.C...|.|U.A.|.......|..|..C|.U|...AG|UA|UAAUAUUG   82
chl.Poly.uvella.964    -|ACUUCGAAAA|.....(-..)...|.|.....|.|A.G...U....|.|..U.C...|.|U.A.|.......|..|..C|.G|...AA|UA|UGGUGUAA   81
Con.chlor.95%          -|+++++++++|GAGUU(+GA)UCC|U|GGCUC|A|GGAUGAACGCU|G|GCGG+AUG|C|+U+A|CACAUGC|AA|GU+|G+|ACG++|++|+++++++   54
diff.95%               x.................................$.$...$.....o...?.....|.......................................          2

helix                  __(~~~~~~~)____________________|______|___|~~~~~~|________|~|__|~~~|____|~~~~~~~~~~~~~~~~~~~~~~~~~      1
E.coli                 AG(CUUG----)CUUCUUUGCUG-ACGAGUGGC|GGACGG|GUG|AGUAAU|GUCUGGGA|A|AC|UGC|CUGA|-------------------------  139
chl.Z.mays             gu(ggu-----)guuu--------CC-AGUGGC|GAACGG|GUG|AGUAAC|GCGUAAGA|A|CC|UGC|CCUU|-------------------------  122
chl.Chlamy.humicola    CU(UUAC----)GGCUAUUA----UUU......|.G....|...|C....C|A...A...|.|CC|UA.|CUUU|-------------------------  134
chl.Polytoma.62-27     UA(GUAA----)UAAGU-------UAU......|.G....|...|C....C|G...A...|.|CC|UA.|CUUU|-------------------------  128
chl.Poly.obtusum       GU(CGUAAAaa)ACCGAGAUUAUACU-......|.G....|...|C....C|A...G...|.|UC|UA.|CUUU|-------------------------  145
chl.Poly.uvella.964    GG(AUCGA---)CCUUCUUGUA--UA-......|.G....|...|A....C|A...G...|.|UC|UA.|CUUU|uauauauuuaauuaaaaacaaauga  164
Con.chlor.95%          ++(+++++-)++++++++++++++AGUGGC|G+ACGG|GUG|+GUAA+|+CGU+AGA|A|++|++C|++++|-------------------------  80
diff.95%               ...............................................................................................      2

helix                  ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~|___|~|_____|~~~|_______(~~~~)________|~    1
E.coli                 ------------------------------------------------------------------|UGG|A|GGGGG|AUA|ACUACUG(GAAA)CGG-UAGC|U   170
chl.Z.mays             ------------------------------------------------------------------|GGG|A|GGGGA|ACA|ACAACUG(GAAA)CGG-UUGC|U   153
chl.Chlamy.humicola    ------------------------------------------------------------------|U..|A|GGG.G|.A.|..AUCGG(....)CCGACGCU|A   166
chl.Polytoma.62-27     ------------------------------------------------------------------|CA.|A|GGG.G|.U.|..AUCGG(....)CUGUUGAU|A   160
chl.Poly.obtusum       ------------------------------------------------------------------|U.U|A|GAG.G|.U.|..AUCGG(....)CCGUAUAU|.   177
chl.Poly.uvella.964    aguuuuguuauuuuugaugugauuaauuaaauauaagaguuuaacuuaauaauuaaauuu|U.U|A|GAG.G|.U.|..AUCGG(....)CCGCUUAU|.   256
Con.chlor.95%          ------------------------------------------------------------------|+GG|+|+++G+|A+A|AC+++++(GAAA)+++-++G+|U   93
diff.95%               ..................................................................$$..............................?..o   3

helix                  ~~~|_____|~~~~~|___(~~~~)___|~~~~|______|~~|__(~~~~~~~~)__|______|~|_______|~~|__|_________|___|~~|_|       1
E.coli                 AAU|ACCGC|AUAAC|GUC(GCAA)GAC|CAAA|GAGGGG|GA|CC(----UUCG)GG|CCUCUU|G|CCAUCGG|AU|GU|GCCCAGAU|GGG|AU|U|   245
chl.Z.mays             AAU|ACCCC|GUAG-|GCU(GAGG)AGC|AAAA|gga---|--|--(----GAAA)--|---ucc|G|CCCAAGG|AG|GG|GCUCGCGU|CUG|AU|U|   215
chl.Chlamy.humicola    .UU|C.CCA|UG.UA|G.U(GAGG)A.U|G...|AGCGG-|--|--(---GAAA-)--|--CCGC|.|..AAAAG|.G|GG|...UGC.G|...|..|.|   232
chl.Polytoma.62-27     .UA|C.CCA|UA.UG|A.U(GAGG)A.U|U...|ACCAUG|U-|--(---AAAA-)--|GCAUGG|.|.UGAAAG|.G|GG|...UGC.U|...|..|.|   230
chl.Poly.obtusum       ..U|A.CUC|G..UA|A.U(GAAG)A.U|A...|GCGG--|--|--(---GAAA-)--|-CCGCG|A|.UAAAAG|.G|GA|...UGC.G|...|..|.|   243
chl.Poly.uvella.964    ..U|A.CUC|G..UA|G.U(GAAG)A.U|U.U.|GCGGU-|--|--(cUAUAAAA)--|-ACGGC|.|A.UUGAG|.U|GA|...UGC.G|...|..|.|   327
Con.chlor.95%          AA+|+C+++|+UA++|+C+(++++)+G+|+AAA|++++++|+-|--(-+++++++)-+|++++++|G|CC+++++|A+|++|GCU+++G+|CUG|AU|U|   117
diff.95%               .o........o..................o.................................o.$$............................      7

helix                  ~|___|~~|________(~~~~~~~~)__________|___|~~~~~|_|___|~~|____|____(~~~~)____|~~~|____|___|~|______(~~~    1
E.coli                 A|GCU|AG|UAGGUGGG(G-UAACGG)CUCACCUA|GGC|GACGA|U|CCC|UA|GCUG|GUCU(GAGA)GGAU|GAC|CAGC|CAC|A|CUGGAA(CUG   324
chl.Z.mays             A|GCU|AG|UUGGUGAG(G-CAAUAG)CUUACCAA|GGC|GAUGA|U|CAG|UA|GCUG|GUCC(GAGA)GGAU|GAU|CAGC|CAC|A|CUGGGA(CUG   294
chl.Chlamy.humicola    .|...|A.|.....GG.(GGU..AA.).CUC....|...|C.C..|.|...|..|G...|G.CU(....).G.U|..U|...C|...|.|....G.(...   312
chl.Polytoma.62-27     .|...|A.|....AGG.(GGU..AA.).CUC....|...|C.U..|.|...|..|G...|G.CU(....).G.U|..U|...C|...|.|....G.(...   310
chl.Poly.obtusum       .|...|A.|.....GA.(G-U..UG.).UU.....|..U|C.C..|.|...|..|U...|G.UU(....).A.U|..U|...A|...|.|....G.(...   322
chl.Poly.uvella.964    .|...|A.|.....GA.(G-U..AG.).UU.....|...|C.C..|.|...|..|U...|G.UU(....).A.U|..C|...A|...|.|....G.(...   406
Con.chlor.95%          A|GCU|+G|UUGGU++G(+-+AA++G)C++ACCAA|GGC|+A+GA|U|CAG|UA|+CUG|+U++(GAGA)G+A+|GA+|CAG+|CAC|A|CUGG+A(CUG   176
diff.95%               ............?...............?.......*.......................................................      7

helix                  ~~~~~~~)_____|~|____(~~~~)____|___|______|~|_|_____|~|_|___|___|_____(~~~~)_____|_|____|_________|       1
E.coli                 AGACACG)GUCCAG|A|CUCC(UACG)GGAG|GCA|GCAGUG|G|G|GAAUA|U|U|GCA|CAA|UGGGC(GCAA)GCCUG|A|UGCA|GCCAUGCCGC|   403
chl.Z.mays             AGACACG)GCCCAG|A|CUCC(UACG)GGAG|GCA|GCAGUG|G|G|GAAUU|U|U|CCG|CAA|UGGGC(GAAA)GCCUG|A|CGGA|GCAAUGCCGC|   373
chl.Chlamy.humicola    ...C...).C....|.|..C.(....).G..|...|......|A|.|....U|.|.|C.A|...|.....(.A..).CCU.|.|U...|.....G....|   391
chl.Polytoma.62-27     ...C...).C....|.|..C.(....).G..|...|......|A|.|....U|.|.|C..|...|.....(.A..).CCU.|.|U...|.....G....|   389
chl.Poly.obtusum       ...C...).C....|.|..C.(....).G..|A..|......|G|C|U...A|.|.|U.A|...|.....(.A..).CCU.|.|U...|.....G....|   401
chl.Poly.uvella.964    ...U...).C....|.|..C.(....).G..|A..|......|G|C|U...A|.|.|U.A|...|.....(.A..).CCU.|.|U.A.|.....G....|   485
Con.chlor.95%          AGA+ACG)G+CCAG|A|CU+C(UACG)G+AG|GCA|GCAGUG|+|G|GAAU+|U|U|+CG|CAA|UGGGC(G+AA)G+++G|A|CGGA|GCAAU+CCGC|   243
diff.95%               ................................o...........?.o..........$.......................$.*..........      9

helix                  ~~|____|~~~~~~|____(~~~~)____|~~~~~~|____|_|_|~~~|_____|~~~|_|~~~~|________(~~~~~~~)________|~~~~~|_     1
E.coli                 GU|GUAU|GAAGAA|GGCC(UUCG)GGUU|-GUAAA|GUAC|U|U|UCA|GCGGG|GAG|G|AAGG|GAGUAAAG(UUAAUAC)CUUUGCUC|AUUGA|C   483
chl.Z.mays             GU|GGAG|GUGGAA|GGCC(UACG)GGUC|-GUCAA|CUUC|U|U|UUC|UCGGA|GAA|G|AAAC|--------(-------)--------|AAUGA|C   430
chl.Chlamy.humicola    ..|.GA.|.AA..A|G.UC(UAUU).A.U|-G.A..|.UC.|.|.|..C|UUAGA|G.A|.|..GA|UC------(-------)--------|--...|.   448
chl.Polytoma.62-27     ..|.GA.|.AA..A|G.UC(UGUG).A.U|#G.A..|.UC.|.|.|..U|UCAGA|G.A|.|..UA|AG------(-------)--------|--...|.   446
chl.Poly.obtusum       ..|.GA.|.AU..A|G.UC(UAUU).A.U|-G.A..|.UC.|.|.|..A|CCGGG|G.A|.|..AA|A-------(-------)--------|--...|.   457
chl.Poly.uvella.964    ..|.GA.|.AUU.A|GAUC(UAUU).A.U|-G.A..|.UC.|.|.|..A|UCGGG|G.A|.|..AA|AC------(-------)--------|--...|.   542
Con.chlor.95%          GU|G++G|G++GA+|+G++(++++)G+U+|-+U+AA|C++C|U|U|UU+|+++++|+A+|G|AA++|++------(-------)-------+|++UGA|C   270
diff.95%               ..........o....*................................................................................   10

helix                  |~~~~|_____|~~~|__|~~|_____|___|___|_____(~~~~~|__|~|___|__|~~~~~~~)_____|_____|~|__________|~~~~~~~~~~   1
E.coli                 |GUUA|CCCGC|AGA|AG|AA|GCACC|GGC|UAA|CUCCG(UGCCA|GC|A|GCC|GC|GGUAAUA)CGGAG|GGUGC|A|AGCGUUAAUC|GGAAUUACUG  566
chl.Z.mays             |GGUA|UCUGA|GGA|AU|AA|GCAUC|GGC|UAA|CUCUG(UGCCA|GC|A|GCC|GC|GGUAAGA)CAGAG|GAUGC|A|AGCGUUAUCC|GGAAUGAUUG  513
chl.Chlamy.humicola    |.GU.|UCUAA|G..|..|..|..UC.|...|...|...U.(.....|..|.|.U.|N.|.....U.).A.A.|.GA..|.|..C.......|.....G.U..  531
chl.Polytoma.62-27     |.GU.|UCUGA|A..|..|..|..UC.|...|...|...AU.(.....|..|.|...|N.|.....U.).AUA.|.GA..|.|..C.......|..G..G.U..  529
chl.Poly.obtusum       |.UU.|CCCGG|G..|..|..|.AAU.|.U.|...|...UU.(.....|..|.|.A.|.|.....U.).A.G.|.AUU.|.|..C.A..C.U|C.U..G.U..  540
chl.Poly.uvella.964    |.UU.|CCUGA|G..|..|..|.AAU.|.U.|...|...UU.(.....|CG|.|.A.|A.|.....U.).A.G.|.AUU.|.|..C.A..C.U|..U..G.U..  625
Con.chlor.95%          |G++A|+++++|+GA|AU|AA|GC++C|GGC|UAA|CUC+G(UGCCA|GC|A|GCC|GC|GGUAA+A)C+G+G|G++GC|A|AG+GUUAUCC|GGAAU+A+UG  334
diff.95%               .......................$.....$.........$........|?$....$..$...........$.....$.......$..$.$.o.o......   12

helix                  |___|__|~~~|_|~|_____|~_~|___|~|__________|__________|~~~~~|________(~~~)______|~~~|__________|~~~|____    1
E.coli                 |GGC|GU|AAA|G|C|GCAC|GCA|GGC|G|GUUUGUUAAG|UCAGAUGUG|AAAUC|CCCGGGC(UCA)ACCUGG|AAC|UGCAUCUGA|-UA|CUGG   646
chl.Z.mays             |GGC|GU|AAA|G|C|GUCU|GUA|GGU|G|GCUUUUCAAG|UCCGCCGUC|AAAUC|CCAGGGC(UCA)ACCCUGG|ACA|GGCGGUGGA|-AA|CUAC  593
chl.Chlamy.humicola    |...|..|...|.|C|..CU|...|...|G|.UCCGAAAA.|.CUAAU..C|...UC|CAUUG..(.C.)..CAAAG|GCA|G.CAUUGG.|GU.|..AU   612
chl.Polytoma.62-27     |...|..|...|.|C|..CU|...|...|G|.UUUAAAAA.|.CUACU..C|...UA|UCAAG..(.C.)..CUUGG|ACA|G.CGGUAG.|GU.|..UU   610
chl.Poly.obtusum       |...|..|...|.|C|..CU|...|..C|G|.UUUUACAA.|.UUAAU..A|...GA|CUUAG..(.C.)..CAAAG|GAA|A.CAUUAA.|-A.|..AU   620
chl.Poly.uvella.964    |...|..|...|.|G|..CU|...|..C|G|.UUACACAA.|.UUAAU..A|...GA|CUUAG..(.U.)..CAAAG|GGU|U.CUUAA.|-A.|..AU    705
Con.chlor.95%          |GGC|GU|AAA|G|+|GU++|GUA|GGU|+|G++++++++G|U+++++GU+|AAA++|+++++GC(U+A)AC+++++|+++|+G++++++A|++A|CU++   370
diff.95%               ..........................$.............................................................   12

helix                  _____|~~~|________________|__|~~|________|~~~|___(~~~~~~)___|~~~~~~|________|~~~|__|~~~~|_|~~|__(~~    1
E.coli                 CAAGC|UUG|AGUCUCGUAGAGGGGGGU|AG|AA|UUCCAGGU|GUA|GCG(GUGAAA)UGC|GUAGAG|AUCUGGAG|GA|AU|ACCG|G|UG|GC(GA  728
chl.Z.mays             CAAGC|UGG|AGUACGGUAGGGGCAGAG|GG|AA|UUUCCGGU|GGA|GCG(GUGAAA)UGC|AUUGAG|AUCGGAAA|GA|AC|ACCA|G|CG|GC(GA  675
chl.Chlamy.humicola    CGGA.|.A.|...GCG.A..A..U.G..|..|..|UCCCUA.C|.U.|A.A(......)..U|G.A..U|U.UA.GGA.|..|..|...A|G|CG|..(..  694
chl.Polytoma.62-27     UAGA.|.A.|...GCG.U..A..U.G..|..|..|UCCCUA.C|.U.|A.A(......)..U|G.A..U|U.UA.GGA.|..|..|...A|G|CG|..(..  692
chl.Poly.obtusum       AAAA.|.A.|...UCG.A..A..U.G..|..|..|U.CCUAAA|.G.|A.A(......)..U|G.A..U|..UA.G.G|..|..|...A|G|AG|..(..  702
chl.Poly.uvella.964    GUUA.|.A.|...UCG.A..AA.U.G..|..|..|U.CCUAAA|.G.|A.A(......)..U|G.A..U|..UA.G.G|..|..|...A|G|AG|..(..  787
Con.chlor.95%          ++++C|U+G|AGU+++G+AG+GG+A+AG|GG|AA|+U++++GU|G+A|GCG(GUGAAA)UG+|+U+GA+|AU++G+A+|GA|AC|ACC+|+|++|GC(GA  422
diff.95%               .....................*..............$....*?.....$..*.........$.......?.....$....................   12

helix                  ~~)__|_|________________|~~~|___|_|~~|____|~~~~|______|~~~|_|~~~|____(~~~~~~~~~)____|___|_|______       1
E.coli                 AG)GC|G|GCCCCCUGGACGA-AGACU|GAC|GCU|C|AG|GUGC|GAAA|GCGUGGG|GAG|C|AAA|CAGG(AUUAGAUAC)CCUG|GUA|G|UCCAC  808
chl.Z.mays             AA)GC|A|CUCUGCUGGGCCG-ACACU|GAC|ACU|G|AG|AGAC|GAAA|GCUAGGG|GAG|C|AAA|UGGG(AUUAGAGAC)CCCA|GUA|G|UCCUA  755
chl.Chlamy.humicola    .G)..|G|..C.A..G.G.CG-AG...|...|...|G|..|AG..|....|..U.C..|G..|.|G..|AA..(......U..)..UU|...|.|..G.A  774
chl.Polytoma.62-27     .G)..|G|..C.A..G.G.CG-UA...|...|...|G|..|AG..|....|..U.AA.|G..|U|G..|AA..(......U..)..UU|...|A|.UU.A  772
chl.Poly.obtusum       .G)..|G|..C.A..G.GACG#AA...|...|G.C|G|..|AG..|....|..U.U..|U..|.|G..|CAA.(......U..).UUG|...|.|..A.A  782
chl.Poly.uvella.964    .A)..|G|..C.A..A.GACG#AA...|...|G..|G|..|AG..|....|..U.U..|U..|.|G..|CAA.(......U..).UUG|...|.|..A.A  867
Con.chlor.95%          A+)GC|+|CU+U+CU+G+C++-++ACU|GAC|ACU|+|AG|++AC|GAAA|GC+A+GG|+AG|C|+AA|++GG(AUUAGA+AC)CC++|GUA|G|UC+U+  478
diff.95%               ..................?.............$.*.......................$......$.......$............$.......$..$...   12
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helix                 __|~~~~~~~~~~|______|~~|____________(~~~~~~~~)____________|~~~|__(~~__)__|~~~~~|______|_|___|~|___|~        1
E.coli                GC|CGUAAACGAU|GUCGAC|UU|GGAGGUUGUGCC(-cuuga--)GGCGUGGCUUCC|GGA|GC(UAAC)GC|GUUAA|GUCGAC|C|GCC|U|GGG|G      888
chl.Z.mays            GC|CGUAAACGAU|GGAUAC|UA|GGUGCUGUGCG-(acucgacc)-CGUGCAGUGCU|GUA|GC(UAAC)GC|GUUAA|GUAUCC|C|GCC|U|GGG|G      836
chl.Chlamy.humicola   ..|U......G..|...A..|..|AGUGGG.G----(-CUAAC--)----CCCC.GCU|GU.|GC(....)..|..U..|..U...|.|...|.|...|G      846
chl.Polytoma.62-27    ..|U......G..|...A..|..|AGUGC..C----(-CGAAU--)----GC.G.GCU|GU.|GC(....)..|..U..|..U...|.|...|.|...|G      844
chl.Poly.obtusum      ..|C......G..|...A..|..|AGUGGG.-----(-GAUAC--)-----CUC.GCU|GU.|CG(....)..|..U..|..U...|.|...|.|...|G      852
chl.Poly.uvella.964   ..|U...NN.G..|...A..|..|AGUAGG.G----(--GACA--)----CCUC.GCU|GU.|CG(....)..|..U..|..U...|.|...|.|...|G      938
Con.chlor.95%         GC|+GUAAAC+AU|GGA+AC|UA|+++++UG+++++(++++++++)++++++A+U+++|++A|++(UAAC)GC|GU+AA|GU+UCC|C|GCC|U|GGG|+      523
diff.95%              .............................$......................$...............................................       12

helix                 ~~~~~|____(~~~~)____|~~~~|___|~~~|___|~~|_____________|~~~~|______|~|___________|~~~~|____(~~~~~~~~)        1
E.coli                AGUAC|GGCC(GCAA)GGUU|AAAA|CUC|AAA|UGA|AU|UGACGGGGGCCCG|CACA|AGCGGU|G|GAGCAUGUGGU|UUAA|UUCG(AUGCAACG)      971
chl.Z.mays            AGUAC|GUUC(GCAA)GAAU|GAAA|CUC|AAA|GGA|AU|UGACGGGGGCCCG|CACA|AGCGGU|G|GAGCAUGUGGU|UUAA|UUCG(AUGCAAGG)      919
chl.Chlamy.humicola   ...NU|.C..(....).AG.|....|...|...|...|..|.......AAN-NN|N...|.G..G.|.|..UU.......|....|....(......CG)      928
chl.Polytoma.62-27    ....U|.C..(....).AG.|....|...|...|...|..|.......AGU.UA|....|.GA.G.|.|..UU.......|....|....(......CA)      927
chl.Poly.obtusum      ....C|.U..(....).AA.|....|...|...|...|..|.......AA..U.|....|.U.AG.|.|..UC.......|....|.CU.(......CA)      935
chl.Poly.uvella.964   ....C|.U..(....).AA.|....|...|...|...|..|.......AA..U.|....|.U..G.|.|..UC.......|....|.CU.(......CA)     1021
Con.chlor.95%         AGUA+|G+UC(GCAA)G++U|GAAA|CUC|AAA|GGA|AU|UGACGGGG+CCCG|CACA|A+CG+U|G|GA++AUGUGGU|UUAA|UUCG(AUGCAA++)      595
diff.95%              ................................................$.$.$$........$$.......................?*...........       12

helix                 ____|~~~~~~~~|_______|~~~~~|________|~~|_______(~~~~)_______|~|__________(~~~~~)__________|_________        1
E.coli                CGAA|GAACCUUA|CCUGGUC|UUGAC|AUCCACGG|AA|GUUUUCA(GAGA)UGAGAAU|G|UGCC------(UUCG-)------GGAA|CCGUGAGAC     1045
chl.Z.mays            CGAA|GAACCUUA|CCAGGGC|UUGAC|AUGCCGCG|AA|UCCUCUU(GAAA)GAGAGGG|G|UGCC------(CUCG-)------GGAA|CGCGGACAC      993
chl.Chlamy.humicola   ....|........|...G.GU|.....|.UGUCCAG|AA|UCCUCCA(G.A.)UGGGGGA|G|UGUUUGAAAG(UUCUU)CUUUCAUAAA|CUGGAAC..     1015
chl.Polytoma.62-27    ....|........|...G.GU|.....|.UGCUCAG|AA|UUUUUCA(G.A.)UGGAAAA|G|UGCCA-----(GAAA-)-----UGGAA|CUGGGAC..     1003
chl.Poly.obtusum      ....|........|...G.UU|.....|.UGCCCAG|AA|UAUCUUA(G.A.)UAAGAUA|G|UGUUAAUAUA(CUAAG)UCUAUUAAAA|CUGGGAC..     1022
chl.Poly.uvella.964   ....|........|...G.UU|.....|.UACCCAG|AA|UGCCCUA(G.A.)UAGGGUA|G|UGUUUAUAGA(UUAAG)UCUAUAAAAA|CUGGGCU..     1108
Con.chlor.95%         CGAA|GAACCUUA|CCA+G++|UUGAC|A+++++++|++|+++++++(+A+A)+++++++|+|++++++++++(+++++)++++++++++|+++++++AC      621
diff.95%              ....................................................................................................       12

helix                 |___|_|____|~~__|________|~~|______|___(~~~~)___|~~|____(~~~~~~)____|~~|______|~~~~~|_____|_______|~        1
E.coli                |AGG|U|GCUG|CAUG|GCUGUCGU|CA|GCUCGU|GUU(GUGA)AAU|GU|UGGG(UUAAGU)CCCG|CA|ACGAGC|GCAAC|CCUUA|UCCUUUG|U     1125
chl.Z.mays            |AGG|U|GGUG|CAUG|GCUGUCGU|CA|GCUCGU|GCC(GUAA)GGU|GU|UGGG(UUAAGU)CUCG|CA|ACGAGC|GCAAC|CCUCG|UGUUUAG|U     1073
chl.Chlamy.humicola   |...|.|....|....|........|..|......|.CG(U.G.)CG.|..|AC..(......).CUG|C.|......|.C...|...CG|.CUUU.G|.     1095
chl.Polytoma.62-27    |...|.|....|....|........|..|......|.CG(U.G.)CG.|..|AU..(......).CUG|C.|......|.C...|...CG|.CUUU.G|.     1083
chl.Poly.obtusum      |...|.|....|....|........|..|......|.CG(U.G.)CG.|..|AU..(......).CUG|C.|......|.C...|...CG|.CUUU.G|.     1102
chl.Poly.uvella.964   |...|.|....|....|........|..|......|.CG(U.G.)CG.|..|AC..(......).CUU|C.|......|.C...|...CG|.CUUU.G|.     1188
Con.chlor.95%         |AGG|U|GGUG|CAUG|GCUGUCGU|CA|GCUCGU|G++(+U+A)++U|GU|++GG(UUAAGU)C+++|+A|ACGAGC|G+AAC|CCU++|U++++A+|U      681
diff.95%              ....................................................................................................       12

helix                 ~|___|~~|___(~~~~~~~~~)___|___|~~~|_______|~~~~~|_____(~~~~~)_____|~~~~~~~|_____|~~~|_________|~~~|_        1
E.coli                U|GCC|AG|CGG(-uccgg---)CCG|GGA|ACU|CAAAGGA|GACUG|CCAGU(GAUAA)ACUGG|AGGAAGG|UGGGG|AUG|ACGUCAAGU|CAU|C     1203
chl.Z.mays            U|GCC|a-|---(cuaugaguu)--u|GGA|ACC|CUGAACA|GACCG|CCGGU(GUUAA)GCCGG|AGGAAGG|AGAGG|AUG|AGGCCAAGU|CAU|C     1149
chl.Chlamy.humicola   U|---|--|---(-AAU-----)---|---|ACU|C.AAAG.|G..U.|.UCGC(GCAA-)GCUU.|.......|UGA..|...|.C.......|..G|.     1156
chl.Polytoma.62-27    U|---|--|---(-AAUA----)---|---|ACU|C.AAAG.|G..U.|.CAGU(GUAA-)ACU..|.......|UGA..|...|.C.......|..G|.     1145
chl.Poly.obtusum      U|---|--|---(-AUUU----)---|---|ACU|C.AAAG.|G..U.|.UUAC(GUAA-)GUUU.|.......|UGG..|..U|.C.......|..U|.     1164
chl.Poly.uvella.964   U|---|--|---(-AUUU----)---|---|ACU|C.AAAG.|G..U.|.AAAC(GUAA-)GUUU.|.......|UGG..|..U|.C.......|..U|.     1250
Con.chlor.95%         +|+++|++|++-(+++++++++)-++|+++|+++|+U++++A|+AC+G|C++++(+++++)+++GG|AGGAAGG|+++GG|AUG|A+GUCAAGU|CA+|C      712
diff.95%              ................................................................?..................o................       13

helix                 _|_______|~~~|_______|~~~|____________|~~~~|_______|~~~~~|___|~~|__|~~~|___(~~~~)___|~~~~|__|~~~~|__        1
E.coli                A|UGGCCCU|UAC|GACCAGG|GCU|ACACACGUGCUA|CAAU|GGCGCAU|ACAAA|GAG|AA|GC|GAC|CUC(GCGA)GAG|C-AA|GC|GGAC|CU     1283
chl.Z.mays            A|UGCCCCU|UAU|GCCCUGG|GCG|ACACACGUGCUA|CAAU|GGGCGGG|ACAAA|GGG|UC|GC|GAU|CUC(GCGA)GGG|U-GA|GC|UAAC|UC     1229
chl.Chlamy.humicola   .|.......|..C|ACC....|..C|........AA..|..AU|..UUGGG|....U|CAG|AA|..|U.A|CCC(.CG.)GGG|CAAU|..|G..U|CU     1237
chl.Polytoma.62-27    .|.......|..C|ACC....|..U|........AA..|..AU|..UUGAU|....U|CAG|AA|..|A.C|CCU(.CG.)AGG|C-UA|..|A..U|CU     1225
chl.Poly.obtusum      .|.......|..U|AAC....|..U|........GA..|..AU|..UUGGG|....U|GAG|AA|..|A.C|UCC(.CG.)GGA|C-UA|..|G..U|CU     1244
chl.Poly.uvella.964   .|.......|..U|AAC....|..U|........GA..|..AU|..UUGGG|....U|GAG|AA|..|A.C|UCC(.CG.)GGA|U-UA|..|G..U|CU     1330
Con.chlor.95%         A|UGCCCCU|UA+|+++CUGG|GC+|ACACACGU++UA|CA++|GG+++++|ACAA+|+++|++|GC|+A+|+++(G++A)+++|+-++|GC|+AA+|++      755
diff.95%              ....................................................................................................       13

helix                 _|~~~~~|_______|~~~~~~|____________(~~~~~~~~)____________|~~~~~|______|~~~~|________(~~~~~~~~)______        1
E.coli                C|AUAAA|GUGCGUC|GUAGUC|CGGAUUGGAGUC(UGCAACUC)GACUCCAUGAAG|UCGGA|AUCGCU|AGUA|AUCGUGGA(UCAGA-AU)GCCACG     1370
chl.Z.mays            C|AAAAA|CCCGUCC|UCAGUU|CGGAUUGCAGGC(UGCAACUC)GCCUGCAUGAAG|CAGGA|AUCGCU|AGUA|AUCGCCGG(UCAGCcAU)ACGGCG     1317
chl.Chlamy.humicola   G|CU...|CUCAAC.|.C....|.GG....C....(..C.....)....G.......|CC...|....C.|....|.....CAG(.....U.U).UG...     1325
chl.Polytoma.62-27    G|CU...|AUCAGC.|.C....|.GG....C....(..C.....)....G.......|CC...|...UC.|....|.....CGG(.....U.U).CG...     1313
chl.Poly.obtusum      A|CA-..|CCCAGC.|CC....|.GG....C....(..C.....)....G.......|AU...|..U.A.|....|.....CAG(.....U.U).UG...     1331
chl.Poly.uvella.964   A|CA-..|CCCAGC.|CC....|.GG....C....(..C.....)....G.......|GU...|-...A.|....|.....CAG(.....U.U).UG...     1416
Con.chlor.95%         +|++AAA|++++++C|U+AGUU|C++AUUG+AGGC(UG+AACUC)GCCU+CAUGAAG|++GGA|AUCG+U|AGUA|AUCGC+++(UCAGC+A+)A++GCG      818
diff.95%              ....o...........o...............................................?.$$................................       15

helix                 __|~~~~~~~~~~~|_____________|~~|_|~|__|~|__|~|_|~|______________________|~~~~|___________|~~~|__~~~~        1
E.coli                GU|GAAUACGUUCC|CGGGCCUUGUACA|CA|C|C|GC|C|CG|U|C|A|CACCAUGGGAGUGGGUUGCAAA|AGAA|GUAGGUAGCUU|-AA|CC(uuc     1452
chl.Z.mays            GC|GAAUCCGUUCC|CGGGCCUUGUACA|CA|C|C|GC|C|CG|U|C|A|CACUAUAGGAGCUGGCCAGGUU|UGAA|GUCAUUACCCU|uAA|CC(gua     1400
chl.Chlamy.humicola   ..|....AC....U|....UU.......|..|.|N|NN|N|NN|N|N|N|NNNNNNNNNNNNNNNNNNNNNN|NNNN|NNNNNNNNNNN|-NN|NN(NNN     1407
chl.Polytoma.62-27    ..|....AC....C|UA.ACU.......|..|.|N|NN|N|NN|N|N|N|NNNNNNNNNNNNNNNNNNNNNN|NNNN|NNNNNNNNNNN|-NN|NN(NNN     1395
chl.Poly.obtusum      ..|....AU..CAC|UA..UU.......|.N|N|N|NN|N|NN|N|N|N|NNNNNNNNNNNNNNNNNNNNNN|NNNN|NNNNNNNNNNN|-NN|NN(NNN     1413
chl.Poly.uvella.964   ..|....AC..AAC|.A..UU.......|..|.|.|..|.|..|.|.|.|...UCCGAA.GGAAAGGGGGUC|UA.G|UACC.U-UAUU|-..|..(GAA     1497
Con.chlor.95%         GU|GAAU++GUUC+|CGGG+CUUGUACA|CA|C|C|GC|C|CG|U|C|A|CAC+A++++A++++++++++++|++AA|++++U++++++|+AA|CC(+++      864
diff.95%              ............oo.$$.$.$.................................*.....................o.......................       18

helix                 ~~~__|~|__________|~~~~|______________________|~~|_|~|__|~~|__|~~|_|~|__________(~~~~)__________|~~~        1
E.coli                g)-GG|A|GGGCGCUUAC|C-AC|UUUGUGAUUCAUGACUGGGGUG|AA|G|U|CG|UA|AC|AA|G|G|UAACCGUAGG(GGAA)CCUGCGGUUG|GAU     1532
chl.Z.mays            a)-GG|A|GGGGGAUGCC|U-AA|GGCUAGGCUUGCGACUGGAGUG|AA|G|U|CG|UA|AC|AA|G|G|UAGCCGUACU(GGAA)GGUGCGGCUG|GAU     1480
chl.Chlamy.humicola   N)NNN|N|NNNNNNNNNN|N-NN|NNNNNNNNNNNNNNNNNNNNNN|NN|N|N|NN|NN|NN|NN|N|N|NNNNNNNNNN(NNNN)NNNNNNNNNN|NNN     1488
chl.Polytoma.62-27    N)NNN|N|NNNNNNNNNN|N-NN|NNNNNNNNNNNNNNNNNNNNNN|NN|N|N|NN|NN|NN|NN|N|N|NNNNNNNNNN(NNNN)NNNNNNNNNN|NNN     1476
chl.Poly.obtusum      N)NNN|N|NNNNNNNNNN|N-NN|NNNNNNNNNNNNNNNNNNNNNN|NN|N|N|NN|NN|NN|NN|N|N|NNNNNNNNNN(NNNN)NNNNNNNNNN|NNN     1494
chl.Poly.uvella.964   A)-G.|A|GGUAAUGGUA|Ca.A|GCCUCUAUCUC.G.UUGGA...|..|.|.|..|..|..|..|.|.|..AUG..U.C(A...).A.CUGU..|..U     1578
Con.chlor.95%         +)++G|+|++++++++++|+-A+|++++++++++U+A+++++GUG|AA|G|U|CG|UA|AC|AA|G|G|UA+++GUACU(GGAA)GGUG++++UG|GA+      904
diff.95%              .............................................................................$.*.o......$...........       19

helix                 ~~~~~~~~~~|          1
E.coli                CACCUCCUUA|       1542
chl.Z.mays            CACCUCCUUU|       1490
chl.Chlamy.humicola   NNNNNNNNNN|       1498
chl.Polytoma.62-27    NNNNNNNNNN|       1486
chl.Poly.obtusum      NNNNNNNNNN|       1504
chl.Poly.uvella.964   A..A.A.AAA|       1588
Con.chlor.95%         +ACCUCCUU+|        912
diff.95%              ...o.o.oo..         23
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