

Phylogenetic tree showing relationships between various species, primarily Magnoliopsida, and Chlorophyceae. The tree is rooted on the left and branches out to the right. The species names are listed along the branches, with some names highlighted in green, red, or blue. The tree is labeled with the accession number OG0000658_248 before and after a modification.

OG0000658_248 before

OG0000658_248 after

Species names include:

- Magnoliopsida_CUC_0018764
- Magnoliopsida_CUC_0018766
- Magnoliopsida_CUC_0018765
- Magnoliopsida_CUC_0018762
- Magnoliopsida_CUC_0018763
- Magnoliopsida_CUC_0018761
- Magnoliopsida_PRU_0027364
- Magnoliopsida_PRU_0029879
- Magnoliopsida_SOL_0023851
- Magnoliopsida_SOL_0028156
- Magnoliopsida_MIM_0021628
- Magnoliopsida_COF_0015254
- Magnoliopsida_POP_0047035
- Magnoliopsida_VIT_0003356
- Magnoliopsida_PRU_0028827
- Magnoliopsida_PRU_0028828
- Magnoliopsida_PRU_0026263
- Magnoliopsida_CUC_0005163
- Magnoliopsida_POP_0004778
- Magnoliopsida_POP_0006316
- Magnoliopsida_ARA_0019146
- Magnoliopsida_VIT_0037589
- Magnoliopsida_VIT_0003601
- Magnoliopsida_VIT_0003232
- Magnoliopsida_AQU_0025613
- Magnoliopsida_LIR_0018061
- Magnoliopsida_LIR_0018062
- Magnoliopsida_LIR_0018865
- Magnoliopsida_LIR_0019216
- Magnoliopsida_CIN_0024675
- Magnoliopsida_CIN_0024691
- Magnoliopsida_BRA_0005583
- Magnoliopsida_ORY_0009958
- Magnoliopsida_ORY_0008757
- Magnoliopsida_BRA_0015300
- Magnoliopsida_ORY_0009638
- Magnoliopsida_BRA_0006775
- Magnoliopsida_BRA_0016315
- Magnoliopsida_ORY_0016958
- Magnoliopsida_ORY_0019541
- Magnoliopsida_ASP_0013133
- Magnoliopsida_AMB_0000456
- Magnoliopsida_AMB_0001011
- Magnoliopsida_AMB_0016435
- Magnoliopsida_NYM_0031829
- Magnoliopsida_NYM_0031830
- Magnoliopsida_NYM_0031831
- Magnoliopsida_GLY_0013868
- Magnoliopsida_MED_0006652
- Magnoliopsida_MED_0015377
- Magnoliopsida_MED_0015378
- Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.10g01839
- Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.10g01738
- Magnoliopsida_CEC_0024626
- Magnoliopsida_POP_0013824
- Magnoliopsida_POP_0013825
- Magnoliopsida_POP_0022086
- Magnoliopsida_POP_0022087
- Magnoliopsida_PRU_0002270
- Magnoliopsida_PRU_0002271
- Magnoliopsida_PRU_0002272
- Magnoliopsida_PRU_0002273
- Magnoliopsida_VIT_0007652
- Magnoliopsida_VIT_0007937
- Magnoliopsida_ASP_0011278
- Magnoliopsida_ASP_0024005
- Magnoliopsida_MIM_0013559
- Magnoliopsida_MIM_0013560
- Magnoliopsida_HEL_0003914
- Magnoliopsida_HEL_0038183
- Magnoliopsida_COF_0005675
- Magnoliopsida_SOL_0023382
- Magnoliopsida_SOL_0022077
- Magnoliopsida_AQU_0030070
- Magnoliopsida_CIN_0002718
- Magnoliopsida_CIN_0001922
- Magnoliopsida_LIR_0045774
- Magnoliopsida_ASP_0013413
- Magnoliopsida_ASP_0014282
- Magnoliopsida_ASP_0019667
- Magnoliopsida_BRA_0030535
- Magnoliopsida_ORY_0007166
- Magnoliopsida_AMB_0014969
- Magnoliopsida_NYM_0025654
- Magnoliopsida_NYM_0025655
- Magnoliopsida_NYM_0034032
- Magnoliopsida_NYM_0034033
- Magnoliopsida_NYM_0033108
- Ginkgopsida_GIN_0018360
- Ginkgopsida_GIN_0018368
- Ginkgopsida_GIN_0018362
- Ginkgopsida_GIN_0011066
- Ginkgopsida_GIN_0018361
- Polypodiopsida_CER_0040993
- Polypodiopsida_CER_0040994
- Polypodiopsida_CER_0000337
- Polypodiopsida_CER_0000338
- Polypodiopsida_CER_0003586
- Polypodiopsida_CER_0003587
- Magnoliopsida_GLY_0029857
- Magnoliopsida_GLY_0065046
- Magnoliopsida_PHA_0003096
- Magnoliopsida_MED_0039691
- Magnoliopsida_MED_0040348
- Magnoliopsida_LOC107631435
- Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.13g04174
- Magnoliopsida_arharadu.V14167.gnm1.Aradu.A03g04094
- Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.03g04079
- Magnoliopsida_CEC_0015945
- Magnoliopsida_PRU_0042909
- Magnoliopsida_ACT_0006597
- Magnoliopsida_VIT_0004630
- Magnoliopsida_CUC_0022340
- Magnoliopsida_POP_0037313
- Magnoliopsida_AQU_0037227
- Magnoliopsida_AQU_0037229
- Magnoliopsida_COF_0005270
- Magnoliopsida_SOL_0004302
- Magnoliopsida_HEL_0022820
- Magnoliopsida_HEL_0050825
- Marchantiopsida_MAR_0017167
- Magnoliopsida_GLY_0014182
- Magnoliopsida_GLY_0019337
- Magnoliopsida_PHA_0006938
- Magnoliopsida_MED_0015041
- Magnoliopsida_LOC107606039
- Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.17g003147
- Magnoliopsida_arharadu.V14167.gnm1.Aradu.A08g00663
- Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.08g00658
- Magnoliopsida_CEC_0024379
- Magnoliopsida_CUC_0015729
- Magnoliopsida_PRU_0046874
- Magnoliopsida_HEL_0015635
- Magnoliopsida_MIM_0003862
- Magnoliopsida_MIM_0023891
- Magnoliopsida_COF_0003401
- Magnoliopsida_ARA_0010850
- Magnoliopsida_SOL_0018402
- Magnoliopsida_ACT_0021184
- Magnoliopsida_ACT_0022493
- Magnoliopsida_ACT_0014425
- Magnoliopsida_ACT_0005391
- Magnoliopsida_VIT_0010012
- Magnoliopsida_POP_0016949
- Magnoliopsida_POP_0042701
- Magnoliopsida_AQU_0007559
- Magnoliopsida_CIN_0004756
- Magnoliopsida_LIR_0029157
- Magnoliopsida_ASP_0013874
- Magnoliopsida_AMB_0005908
- Magnoliopsida_NYM_0020489
- Ginkgopsida_GIN_0006371
- Ginkgopsida_GIN_0018972
- Ginkgopsida_GIN_0006376
- Ginkgopsida_GIN_0013215
- Ginkgopsida_GIN_0013214
- Magnoliopsida_AMB_0009662
- Magnoliopsida_NYM_0002101
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- Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.09g00446
- Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.19g00545
- Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.09g00544
- Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.19g00545
- Magnoliopsida_LOC107617297
- Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.19g00546
- Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.09g00447
- Magnoliopsida_LOC107617295
- Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.19g00547
- Magnoliopsida_arharadu.V14167.gnm1.Aradu.A09g00440
- Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.09g00448
- Magnoliopsida_LOC107617296
- Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.09g00444
- Magnoliopsida_GLY_0028583
- Magnoliopsida_GLY_0028584
- Magnoliopsida_GLY_0022300
- Magnoliopsida_GLY_0028582
- Magnoliopsida_GLY_0022301
- Magnoliopsida_PHA_0000417
- Magnoliopsida_GLY_0028585
- Magnoliopsida_GLY_0028581
- Magnoliopsida_MED_0037713
- Magnoliopsida_MED_0037714
- Magnoliopsida_GLY_0028579
- Magnoliopsida_GLY_0028580
- Magnoliopsida_PHA_0001392
- Magnoliopsida_MED_0010513
- Magnoliopsida_MED_0010741
- Magnoliopsida_MED_0010737
- Magnoliopsida_MED_0010514
- Magnoliopsida_MED_0010738
- Magnoliopsida_GLY_0050181
- Magnoliopsida_GLY_0053819
- Magnoliopsida_PHA_0010873
- Magnoliopsida_LOC107612802
- Magnoliopsida_arharahy.Tifrunner.gnm1.Arahy.18g00210
- Magnoliopsida_ar