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OGs_100065_T1_53_before
   Monocots_AGJ_0011312
   Monocots_AEO_0035690
   Monocots_ACG_0036590
   Monocots_AHE_0008409
   Monocots_AFA_0015944
   Monocots_AGW_0004132
   Monocots_ABP_0062728
    Monocots_AEX_0024942
   Monocots_ACX_0045092
   Monocots_ACC_0033671
   Monocots_ABQ_0024721
   Monocots_AIT_0007246
   Monocots_AAH_0021429
                                                   OGs 100065 T1 53 after
   Monocots AGD 0010020
   Monocots ADO 0008217
                                                                        -Eudicots AKL 0013578
   Monocots_AFT_0007220
                                                                                 -Eudicots AKR 0014610
                                                         -Eudicots AKD 0027128
   Monocots_AIS_0014609
                                                                  \vdashMonocots_AGJ_0011312
   Monocots_AIR_0006098
                                                                  -Monocots_AEO_0035690
   Monocots_AEB_0011512
   Monocots AEY 0005761
                                                                  -Monocots_ACG_0036590
   Monocots_AHF_0018744
                                                                  -Monocots_AHE_0008409
                                                                   -Monocots AFA 0015944
   Monocots AFD 0014223
                                                                  -Monocots AGW 0004132
   Monocots_AGK_0028143
                                                                  -Monocots ABP 0062728
   Monocots_AAO_0003171
                                                                 _Monocots_ACC_0033671
                              -Monocots AAN 0003286
   Monocots_ACP_0021040
                                                                 └Monocots_ACX_0045092
   -Monocots ADJ 0015278
                                                                 -Monocots_ABQ_0024721
   -Monocots AIJ 0007262
                                                                 -Monocots_AIT_0007246
                                                                   _Monocots_AAH_0021429
   Monocots_AFF_0034975
                                                                  __Monocots_AGD_0010020
   <sup>L</sup>Monocots_ABF_0040251
                                                                  Monocots ADO 0008217
   Monocots_AEQ_0026255
                                                                  -Monocots_AFT_0007220
   Monocots_AIH_0077315
                                                                Monocots_AIS_0014609
   -Monocots_AHJ_0012856
                                                                -Monocots_AIR_0006098
   Monocots_AAE_0006007
   Monocots_AKE_0018408
                                                                    -Monocots_AEB_0011512
                                                                  └Monocots_AEY_0005761
   -Eudicots_AKF_0009237
                                                                 -Monocots AHF 0018744
   basal angiosperms_AEV_0008135
                                                                 -Monocots_AFD_0014223
   basal angiosperms_ADD_0013975
   rEudicots_AKL_0013578
                                                                 -Monocots_AGK_0028143
   -Eudicots_AKR_0014610
                                                                   -Monocots_AAO_0003171
   Eudicots_AKD_0027128
                                                                            -Monocots_ADJ_0015278
   -Eudicots AKP 0000972
                                                                          -Monocots_ACP_0021040
   -Monocots ACT 0017012
                                                                      -Monocots_AIJ_0007262
   Monocots_AAB_0020840
                                                                      -Monocots_AFF_0034975
                                                                            -Monocots ABF 0040251
   Monocots AKO 0016009
   Monocots_AKN_0021141
                                                             -Monocots AIH 0077315
                                                                    -Monocots_AHJ_0012856
  LMonocots_AHH_0018670
                                                              -Monocots_AAE_0006007
   -basal angiosperms_AAL_0008549
                                                              Monocots_AKE_0018408
   └─Outgroup_ADK_0023971
   -basal angiosperms_AKM_0028348
                                                                    -basal angiosperms_AKM_0028348
                                                                                -basal angiosperms AAL 0008549
   Magnoliids AIC 0041437
   Magnoliids_AAU_0005923
                                                                -Magnoliids AIC 0041437
                                                                -Magnoliids AAU 0005923
   └─Eudicots_AAS_0023098
3.22354
                                                    0.170172
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