```
OGs_100079_T1_41_before
       Monocots AGJ 0026678
       Monocots AEO 0020254
       Monocots ACG 0008628
       Monocots_AHE_0012120
       Monocots AFA 0029156
      Monocots_AGW_0011801
      Monocots ABP 0027081
      Monocots_ABQ_0028898
       -Monocots AIT 0046032
      -Monocots_AEX_0004959
                                            OGs 100079 T1 41 after
      Monocots ACC 0042802
                                               -Outgroup ADK 0031410
                                             basal angiosperms_AEV_0023095
      Monocots_ACX_0006603
      Monocots AIS 0010247
                                             basal angiosperms ADD 0028581
      -Monocots AFT 0015910
                                             Monocots_ACT_0020347
      -Monocots AIR 0003778
                                             Monocots_ACU_0022292
      Monocots AEB 0007562
                                                  Monocots AGJ 0026678
      Monocots AHF 0015463
                                                  Monocots AEO 0020254
      Monocots AEY 0026273
                                                  Monocots_ACG_0008628
      Monocots ADO 0013967
                                                  Monocots AHE 0012120
      Monocots AGD 0037599
                                                  Monocots AFA 0029156
      Monocots_AAH_0007980
                                                  Monocots_AGW_0011801
     -Monocots AFD 0025509
                                                  Monocots ABP 0027081
     -Monocots_AGK_0030329
                                                  Monocots_ABQ_0028898
    -Monocots ADV 0007792
                                                  -Monocots AIT 0046032
        -Eudicots_AKD_0025656
                                                  Monocots_ACX_0006603
                                                  Monocots_ACC_0042802
      -Monocots AHJ 0007195
                      -Monocots AAN 0008060
                                                 Monocots_AIS_0010247
  -Eudicots ADL 0034929
                                                 -Monocots AFT 0015910
 Monocots ACT 0020347
                                                  └Monocots AIR 0003778
 Monocots_ACU_0022292
                                                 Monocots AEB 0007562
                                                 -Monocots_AHF_0015463
     -Eudicots AAS 0000976
  └─Monocots AAB 0016448
                                                 Monocots AEY 0026273
  -Monocots AHH 0006786
                                                  Monocots ADO 0013967
Monocots_AAE_ 0008141
                                                  Monocots AGD 0037599
Monocots AKE 0020711
                                                  Monocots AAH 0007980
-basal angiosperms_AKM_0011463
                                                 Monocots_AFD_0025509
basal angiosperms_AEV_0023095
                                                Monocots AGK 0030329
basal angiosperms_ADD_0028581
                                                -Monocots_ADV_0007792
               -Monocots_AAO_0015850
                                                 -Monocots AHJ 0007195
basal angiosperms_AAL_0003638
                                                                   -Monocots AAN 0008060
  -Outgroup ADK 0031410
                                                -Eudicots AAS 0000976
0.720535
                                            0.689778
```