```
OGs_100209_T1_57_before
                                          Monocots AGW 0009482
                                           -Monocots ABP 0037254
                                          Monocots AEX 0009480
                                         Monocots_ACC_0021473
                                          Monocots ACX 0018342
                                        Monocots AHE 0031305
                                          -Monocots AFA 0022861
   Monocots ABQ 0005895
  Monocots AIT 0062662
  Monocots_ACG_0030218
   Monocots AEO 0062765
                                                                                   OGs 100209 T1 57 after
   Monocots AGJ 0028921
                                                                                      Monocots AAE 0004370
  Monocots AIS 0005033
                                                                                      Monocots AKE 0019790
  Monocots_AIR_0019076
                                                                                                                               Monocots_AEX_0009480
                                                                                                                              Monocots_AGW_0009482
   Monocots_AAH_0005352
   Monocots_AGD_0038133
                                                                                                                              Monocots_ACC_0021473
   Monocots_ADO_0021680
                                                                                                                              Monocots ACX 0018342
                                                                                                                             Monocots_AHE_0031305
  Monocots_AEY_0021000
  Monocots_AHF_0002546
                                                                                      Monocots ABQ 0005895
                                                                                      -Monocots_AIT_0062662
  Monocots AFT 0016973
   -Monocots AAO 0012818
                                                                                      Monocots ACG 0030218
  -Monocots_AFD_0020009
                                                                                      Monocots AEO 0062765
  Monocots AIH 0046496
                                                                                      Monocots AGJ 0028921
  FEudicots_AKP_0011372
                                                                                      Monocots_AIS_0005033
  -Eudicots AKF 0012829
                                                                                      Monocots AIR 0019076
  Eudicots_AKD_0028132
                                                                                      Monocots_AAH_0005352
 r⊓Monocots_ACP_0011088
                                                                                       Monocots_AGD_0038133
    -Monocots_ADJ_0005082
                                                                                      Monocots_ADO_0021680
  -Monocots_AIJ_0001041
                                                                                      Monocots_AEY_0021000
 Monocots_AEQ_0022507
                                                                                      Monocots AHF 0002546
  Monocots AAE 0004370
                                                                                      Monocots AFT 0016973
   Monocots_AKE_0019790
                                                                                       Monocots AAO 0012818
   -Eudicots_ACY_0028714
                                                                                     -Monocots AFD 0020009
  Eudicots_AAR_0007599
                                                                                    Monocots AIH 0046496
  Eudicots_AGG_0017581
                                                                                     -Monocots_ACP_0011088
 Eudicots AKI 0030939
                                                                                       -Monocots ADJ 0005082
  -Eudicots_AHC_0008392
                                                                                      Monocots_AIJ_0001041
  Eudicots_AKJ_0019016
                                                                                     FEudicots_ACY_0028714
 Eudicots_AKG_0005464
                                                                                    Eudicots_AAR_0007599
                                                                                    -Eudicots_AGG_0017581
  Eudicots AKC 0026433
 Eudicots_AKB_0017161
                                                                                    Eudicots_AKI_0030939
 -Eudicots AKA 0009599
                                                                                    ⊢Eudicots AHC 0008392
  Eudicots_AKH_0026753
                                                                                    Eudicots_AKJ_0019016
 Eudicots AKK 0007361
                                                                                    Eudicots AKG 0005464
    -Eudicots_AKQ_0001141
                                                                                     [Eudicots_AKC_0026433
 -Eudicots_AAS_0006647
                                                                                     Eudicots AKB 0017161
  └─Ceratophyllales_AIA_0018706
                                                                                    Eudicots_AKA_0009599
  -Magnoliids ABS 0035842
                                                                                    Eudicots AKH 0026753
 Magnoliids_ABX_0023182
                                                                                    Eudicots AKK 0007361
  Magnoliids_ABW_0024931
                                                                                       -Eudicots_AKQ_0001141
  Magnoliids AIC 0042236
                                                                                      -Ceratophyllales AIA 0018706
  LMagnoliids AAU 0018554
                                                                                     rMagnoliids AIC 0042236
Monocots_AHJ_0009499
                                                                                     Magnoliids_AAU_0018554
 basal angiosperms_AEV_0017593
                                                                                    basal angiosperms_AEV_0017593
 basal angiosperms_ADD_0037271
                                                                                    basal angiosperms_ADD_0037271
 -basal angiosperms_AAL_0021583
                                                                                     —basal angiosperms_AAL_0021583
 Lack Language Languag
                                                                                     └basal angiosperms_AKM_0023618
0. 969495
                                                                                   0. 925727
```