```
OGs_100099_T1_68_before
                     Monocots_ACG_0025787
                      -Monocots AEO 0000757
                     Monocots_AGJ_0008963
   Monocots_AHE_0020022
  Monocots_AFA_0002900
  Monocots_AGW_0026196
  Monocots_ABP_0030968
  Monocots_ACC_0006595
   Monocots_ACX_0041261
   Monocots_AEX_0006706
  Monocots_AIT_0040818
   Monocots_ABQ_0025971
  Monocots_AIS_0008845
  Monocots_AFT_0004283
  -Monocots AFD 0006155
  Monocots ADO 0034544
  Monocots_AGD_0016218
  Monocots_AAH_0028921
                                              OGs_100099_T1_68_after
  -Monocots_AIR_0014797
                                                rbasal angiosperms_AEV_0022417
  -Monocots_AEB_0002914
                                                 basal angiosperms_ADD_0007351
  Monocots AEY 0009039
                                                  -Outgroup ADK 0011871
  Monocots_AHF_0006091
                                                                      Monocots_ACG_0025787
 Monocots_ADV_0011882
                                                                      -Monocots_AEO_0000757
                                                                     Monocots_AGJ_0008963
        -Monocots_AAV_0000652
 _Monocots_ABF_0017318
Monocots_AFF_0006020
                                                 Monocots AHE 0020022
                                                 Monocots_AFA_0002900
 -Monocots_AEQ_0027679
                                                 Monocots_AGW_0026196
 Monocots_AIH_0034861
                                                 Monocots_ABP_0030968
                                                 Monocots_ACX_0041261
                      -Monocots AAN 0020423
    Monocots AKN 0016319
                                                 Monocots_AIT_0040818
    Monocots_AKO_0018337
                                                 Monocots_ABQ_0025971
                                                Monocots_AIS_0008845
 Chloranthales_ABU_0001851
 Chloranthales_ABV_0007437
                                                Monocots_AFT_0004283
                                                 Monocots_AFD_0006155
                        -Monocots_AAO_0018676
                                                Monocots_ADO_0034544
Monocots_AKE_0020673
                                                Monocots_AGD_0016218
 <sup>L</sup>Monocots_AAE_0009319
                                                <sup>L</sup>Monocots_AAH_0028921
 Magnoliids_ABX_0021760
                                                Monocots_AIR_0014797
 Magnoliids_ABW_0025471
  -Magnoliids_ABS_0018542
                                                -Monocots_AEB_0002914
  FEudicots_AKF_0008305
                                                 Monocots_AEY_0009039
  -Eudicots_AKD_0008553
                                                Monocots AHF 0006091
 Eudicots_AKH_0014800
                                                Monocots_ADV_0011882
                                                Monocots_AFF_0006020
  Eudicots_AKK_0002466
                                                 Monocots_ABF_0017318
 Eudicots_ADL_0033098
   -Eudicots_AAS_0013909
                                               Monocots_AIH_0034861
 Eudicots_AKA_0009764
                                               Chloranthales_ABU_0001851
 Eudicots_AKC_0022247
                                               Magnoliids_ABX_0021760
 Eudicots_AKB_0038867
                                               Magnoliids_ABW_0025471
                                                 Eudicots_AKF_0008305
   -Eudicots_AKR_0002893
 Eudicots_AKL_0024074
                                                Eudicots_AKD_0008553
  Fudicots_AKQ_0023403
                                                Eudicots_AKH_0014800
 LEudicots_ADN_0015374
                                                Eudicots_AKK_0002466
Eudicots_AKI_0019898
                                                Eudicots_ADL_0033098
                                                Eudicots_AKC_0022247
 Eudicots_AKG_0001300
Eudicots_AHC_0019185
                                                Eudicots_AKB_0038867
 -Eudicots_AIO_0028131
                                                Eudicots_AKA_0009764
| Eudicots_AIN_0004629
                                                  -Eudicots_AKR_0002893
                                                 Eudicots_AKL_0024074
 -Eudicots_AEG_0004275
Eudicots_AZA_0011422
                                                 -Eudicots_AKQ_0023403
                                                \squareEudicots_ADN_0015374
Eudicots_AAR_0006523
                                               Eudicots_AKI_0019898
 Magnoliids_AAU_0005998
 Magnoliids_AIC_0052961
                                               LEudicots_AKG_0001300
                                               -Eudicots_AHC_0019185
   -Ceratophyllales_AIA_0006953
-basal angiosperms_AKM_0007562
                                               Eudicots_AIO_0028131
                                               Fudicots_AZA_0011422
  basal angiosperms_AEV_0022417
                                               Eudicots_AIN_0004629
  basal angiosperms_ADD_0007351
                                                -Eudicots_AAR_0006523
   -Outgroup_ADK_0011871
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0.871829
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