```
OGs_100185_T1_60_before
    Monocots_AGJ_0007844
    Monocots_ACG_0027116
    Monocots_AEO_0004112
   Monocots AHE 0019735
   -Monocots_AFA_0004548
   Monocots_ABQ_0017423
                        -Monocots ABP 00343240Gs 100185 T1 60 after
   Monocots_AIT_0056974
                                                                -Eudicots AKL 0001640
   ¬Monocots_AEX_0010681
                                                                    -Eudicots_AKR_0021588
   Monocots_ACC_0036519
                                                                -Eudicots_AAS_0006318
   Monocots_ACX_0016945
                                                            Eudicots_AKD_0010809
   「Monocots_AEB_0000733
                                                          Eudicots_AKB_0005034
   Monocots_AEY_0011036
                                                          -Eudicots_AKC_0012134
   Monocots_AIS_0016375
                                                      -Eudicots_AKA_0023001
   Monocots_AFT_0009004
                                                     FEudicots_ADL_0030809
   Monocots AIR 0027560
                                                       -Eudicots AKK 0022469
   Monocots_ADO_0034170
                                                        -Eudicots_AKF_0016102
   Monocots_AGD_0014142
                                                      -Eudicots_AKJ_0010452
   Monocots_AAH_0026522
                                                           -Eudicots_AKQ_0008074
  Monocots_AFD_0023155
                                                       Eudicots AKI 0023420
   Monocots_AKN_0012326
                                                            -Eudicots_AGG_0000270
   Monocots_AKO_0011856
                                                       -Eudicots_AKG_0022882
 Monocots_AAO_0013446
                                                     Eudicots_AIO_0023747
                  -Monocots AAN 0003803
                                                      -Eudicots ABE 0020903
                                                    -Eudicots_AHC_0025957
 -Monocots_AEQ_0031247
 Monocots_AIH_0016443
                                                   -Eudicots_AIN_0010378
 Monocots_AFF_0017824
                                                   -Eudicots_AEG_0012717
 Monocots_ABF_0045709
                                                      Chloranthales_ABV_0005102
 Monocots_ADV_0013240
                                                      Chloranthales_ABU_0025355
 Monocots_AKE_0008097
                                                  -basal angiosperms_AEV_0002363
 Monocots AAE 0013408
                                                                    rMonocots_AGJ_0007844
basal angiosperms_ADD_0024810
                                                                     -Monocots_ACG_0027116
basal angiosperms_AEV_0002363
                                                                    Monocots_AEO_0004112
-Eudicots_AZA_0009002
                                                                    -Monocots_AHE_0019735
  Eudicots_AKL_0001640
                                                                      -Monocots_AFA_0004548
 —Eudicots_AKR_0021588
                                                                   -Monocots ABQ 0017423
 -Eudicots_AAS_0006318
                                                                  -Monocots_AIT_0056974
                                                                    -Monocots_AEX_0010681
  <sup>L</sup>Eudicots_AKD_0010809
 Eudicots_AKB_0005034
                                                                   -Monocots_ACC_0036519
 Eudicots_AKC_0012134
                                                                 Monocots_ACX_0016945
 Eudicots_AKA_0023001
                                                                    -Monocots_AEB_0000733
 Eudicots_AKK_0022469
                                                                   -Monocots_AEY_0011036
                  -Eudicots AKH 0003781
                                                               -Monocots_AIR_0027560
                                                             Monocots_AIS_0016375
 Eudicots ADL 0030809
 -Eudicots_AKF_0016102
                                                                  -Monocots_ADO_0034170
Eudicots AKJ 0010452
                                                                  -Monocots_AGD_0014142
 -Eudicots_AKQ_0008074
                                                                 Monocots_AAH_0026522
 Eudicots_AKI_0023420
                                                              -Monocots_AFD_0023155
 -Eudicots_AGG_0000270
                                                                  Monocots_AKN_0012326
 Eudicots_AKG_0022882
                                                                  Monocots_AKO_0011856
-Eudicots_AIO_0023747
                                                       _Monocots_AAO_0013446
                                                       -Monocots_AIH_0016443
-Eudicots_ABE_0020903
-Eudicots_AHC_0025957
<sub>|</sub>Eudicots_AIN_0010378
-Eudicots_ABE_0020903
-Eudicots_AHC_0025957
                                                        -Monocots_AFF_0017824
                                                        -Monocots ABF 0045709
Eudicots_AEG_0012717
                                                      Monocots_ADV_0013240
 Chloranthales_ABV_0005102
                                                     Monocots_AKE_0008097
                                                     Monocots_AAE_0013408
 Chloranthales_ABU_0025355
Ceratophyllales_AIA_0018986
                                                Ceratophyllales_AIA_0018986
 -basal angiosperms_AAL_0020591
                                                            -basal angiosperms_AAL_0020591
0. 90098
                                              0. 160688
```