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OGs_100094_T1_77_before
     Monocots_AGJ_0028853
     Monocots_AEO_0062426
      Monocots_AHE_0014225
      onocots_ACG_0029792
      onocots_AGW_0009472
     Monocots_ABP_0036888
     Monocots_AFA_0022784
     Monocots_AEX_0012083
    Monocots_ACX_0023616
Monocots_ACC_0047092
     Monocots_ABQ_0005196
     Monocots_AIT_0048708
    Monocots_AIR_0000872
    Monocots_AFT_0020491
                                                  OGs_100094_T1_77_after
    Monocots_AIS_0023474
    Monocots_AEB_0020421
                                                            Outgroup AZB 0001328
    Monocots_AEY_0020801
Monocots_AHF_0002359
                                                               Eudicots_AKC_0007302
                                                             Eudicots_AKB_0023119
    Monocots_AAH_0019411
                                                             Eudicots_AKA_0031464
    Monocots_AGD_0019727
                                                                          -Eudicots_AAS_0009794
    Monocots_ADO_0025672
                                                          -Eudicots_ADL_0033717
    Monocots_AFD_0018972
                                                          Eudicots_AKH_0008458
    Monocots_AGK_0028817
                                                                        -Eudicots_AKI_0034243
    Monocots_ADV_0005649
                                                                -Eudicots_AGG_0028832
    Eudicots_AKD_0006512
                                                              Eudicots_AKG_0006744
    Monocots_AKN_0022965
                                                                         -Eudicots_AKR_0021800
    Monocots_AKO_0023286
                                                                Eudicots AKL 0008253
      -Monocots_AHH_0019938
                                                                   -Eudicots_AKQ_0018410
   Monocots_AAB_0008890
                                                                 Eudicots_ADN_0020856
   Monocots_ACT_0006677
                                                          Eudicots_AHC_0024855
  Monocots_ACU_0005076
                                                              -Eudicots_AKP_0007131
   -Monocots_AAN_0021136
                                                      Eudicots_AIO_0012463
     -Monocots_AAV_0020686
                                                      -Eudicots_AIN_0031684
       -Monocots_AHJ_0003386
                                                       Eudicots_AEG_0000183
                        -Monocots AIH 0077496
                                                             Eudicots AAR 0006734
                     -Monocots AAO 0008513
                                                      Eudicots_AZA_0019198
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 [Eudicots_AKK_0018365
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   -Eudicots_AKF_0008084
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                                                              Monocots ACG 0029792
     Eudicots_AAS_0009794
                                                            Monocots_ABP_0036888
    -Eudicots AKI 0034243
 Eudicots_AGG_0028832
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  Eudicots AKP 0007131
                                                             Monocots AEB 0020421
                                                           LMonocots_AEY_0020801
Eudicots_AIO_0012463
Eudicots_AIN_0031684
Eudicots_AEG_0000183
                                                           -Monocots_AHF_0002359
-Eudicots_AEG_0000183
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  -Eudicots_AAR_0006734
Eudicots_AZA_0019198
                                                           Monocots_ADO_0025672
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Magnoliids_AEH_0005875
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                                                          -Monocots_AGK_0028817
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  Magnoliids AIC 0042401
  Magnoliids_AAU_0010650
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                                                      -Magnoliids_AEH_0005875
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Magnoliids_AIB_0022196
Magnoliids_ABW_0002468
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 -Magnoliids_ABS_0005489
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Chloranthales_ABU_0004979
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Ceratophyllales_AIA_0025159
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Outgroup_ADK_0022067
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