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OGs_100031_T1_49_before
       Monocots AEY 0013725
       Monocots AEB 0021544
       Monocots AHF 0027595
                  Monocots_AAH_0021136
                  Monocots_ADO_0018627
       Monocots_AGD_0025554
      Monocots AIR 0023250
      Monocots_AFD_0023454
                      rMonocots_ADV_0005869
                      Monocots AGK 0023366
            -Monocots ACG 0019260
      -Monocots_AFA_0020279
      Monocots AEO 0046437
      Monocots_AIS_0008183
      Monocots ACX 0028404
      Monocots ACC 0011959
      Monocots AEX 0014743
      -Monocots AIT 0048710
                                            OGs 100031 T1 49 after
          -Monocots AGJ 0020922
                                                  Feudicots AEG 0005910
          -Monocots AKO 0004399
                                                  Eudicots AIN 0011210
     Monocots AKN 0007114
                                                    -basal angiosperms AAL 0017930
      Monocots_AEQ_0020691
                                                  Chloranthales ABU 0005444
     Monocots_AIH_0040755
                                                  Chloranthales ABV 0010481
     Monocots_AHE_0007715
                                                   Monocots_AEY_0013725
      rMagnoliids AIC 0040497
                                                   Monocots_AEB_0021544
      Magnoliids_AAU_0002531
                                                   Monocots_AHF_0027595
      Chloranthales_ABU_0005444
                                                              Monocots_AAH_0021136
      Chloranthales ABV 0010481
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     Monocots ABQ 0017525
                                                   Monocots_AGD_0025554
                                                   Monocots AIR 0023250
                -Monocots AAN 0010677
     -Monocots AAV 0025046
                                                   -Monocots AFD 0023454
       -basal angiosperms_AAL_0017930
                                                                  rMonocots ADV 0005869
     Monocots ACU 0025632
                                                                  -Monocots AGK 0023366
       -Monocots ACT 0000213
                                                   Monocots ACX 0028404
     Eudicots AEG 0005910
                                                  Monocots_ACC_0011959
     Eudicots_AIN_0011210
                                                  Monocots AEX 0014743
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                                                  Monocots AEO 0046437
       -Magnoliids ABS 0029317
                                                  Monocots_AIT_0048710
      Magnoliids AIB 0009884
                                                       -Monocots AGJ 0020922
          -Magnoliids_ABX_0013628
                                                  Monocots AKN 0007114
      Monocots_AKE_0002523
                                                  Monocots AIH 0040755
      Monocots AAE 0023056
                                                  Monocots_AHE_0007715
     Magnoliids AID 0009849
                                            Magnoliids_AID_0009849
      Magnoliids AEH 0036811
                                             Magnoliids_AEH_0036811
1. 21592
                                            1. 19735
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