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OGs_100043_T1_51_before
         Eudicots AKB 0007996
         Eudicots AKC 0010309
         Eudicots AKH 0030438
         Eudicots AKK 0009998
         Magnoliids_AIC_0053999
         Magnoliids AAU 0002118
            -Chloranthales ABU 0006096
         Eudicots_AGG_0022951
         -Eudicots_AAS_0011817
         -Eudicots AKQ 0005621
         Monocots_AAH_0027205
         Monocots_AGD_0025584
         Magnoliids AEH 0021101
         Magnoliids AID 0012467
         Eudicots_AIN_0025628
         Eudicots AEG 0021110
         Ceratophyllales AIA 0002129
                  -basal angiosperms AKM 0039611
            -Eudicots AKI 0047158
                   -Magnoliids ABS 0009419
         Magnoliids_ABX_0003074
         Magnoliids_AIB_0013518
         Eudicots_AZA_0015676
         Eudicots_AKG_0029675
         Eudicots_AKA_0013632
                                                OGs 100043 T1 51 after
         basal angiosperms_ADD_0011747
                                                                       Monocots AEB 0021526
         basal angiosperms_AEV_0015431
                                                                       Monocots_AEY_0012885
                                                              Monocots_AHF_0027609
                 -Monocots ADO 0020276
                     Monocots_AEB_ 0021526
                                                   Monocots AFT 0016921
                     Monocots_AEY_0012885
                                                   Monocots AIR 0023257
                                                            -Monocots_ACX_0035462
             Monocots AHF 0027609
             -Monocots AIS 0008163
                                                             Monocots_ABQ_ 0017745
                                                             Monocots AIT 0031674
   Monocots AFT 0016921
  Monocots_AFD_0023713
                                                   Monocots AGW 0020764
  Monocots_AIR_0023257
                                                   Monocots_AFA_0020117
           -Monocots_ACX_0035462
                                                   Monocots_AEO_0055524
            Monocots_ABQ_0017745
                                                   Monocots_ACG_0019276
            Monocots_AIT_0031674
                                                              -Monocots_AGJ_0020860
             Monocots_AGW_0020764
                                                basal angiosperms_AEV_0015431
                       -Monocots_ABP_0008043
                                                Ceratophyllales_AIA_0002129
  Monocots_AEO_0055524
                                                Eudicots_AKB_0007996
  Monocots_ACG_0019276
                                                Eudicots_AKC_0010309
  -Monocots_AHE_0007847
                                                Eudicots AKK 0009998
  Monocots AFA 0020117
                                                Magnoliids AIC 0053999
                                                Magnoliids AAU 0002118
             -Monocots AGJ 0020860
1.60035
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