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OGs_100074_T1_50_before
            Magnoliids ABX 0006895
            -Magnoliids_ABW_0021499
             -Magnoliids AIB 0010984
            -Chloranthales ABV 0010848
           -Magnoliids ABS 0027891
           Magnoliids AID 0019307
           └Magnoliids AEH 0019214
           rEudicots AKA 0019559
                  —Eudicots AKP 0016695
           Eudicots_AKJ_0026223
           -Eudicots_AKG_0015485
           -Eudicots AKC 0015947
           -Eudicots AHC 0030606
           -Eudicots ABE 0017987
           Eudicots AIO 0015811
           basal angiosperms ADD 0014973
           basal angiosperms_AEV_0005233
           rMonocots_AFF_0031326
           <sup>1</sup>Monocots_ABF_0040232
                             -Monocots AAO 0019647
           Monocots AAN 0017099
           Fudicots_AIN_0002495
           -Eudicots_AEG_0021880
           ─_Eudicots_AKL_0012999
          Eudicots_AZA_0026462
          Eudicots_AAR_0004779
          Eudicots_ACY_0009892
           -Monocots AHH 0012845
          Monocots AKN 0005062
           -Monocots_ACT_0008584
                           -Monocots AKO 0015501
         Monocots_ADV_0008227
         Monocots_AGK_0014615
         Monocots_AEY_0023543
        Monocots_AHF_0014701
                                                    OGs_100074_T1_50_after
         Monocots ADO 0016154
         Monocots AGD 0027453
                                                         -Monocots AEX 0019551
        Monocots AIR 0021499
                                                        └Monocots ACX 0004839
        Monocots_AGW_0013099
                                                       Monocots ACC 0041705
                                                        -Monocots ABQ 0008260
        Monocots_AEX_0019551
                                                        -Monocots AIT 0022701
        Monocots_ACX_0004839
                                                     rbasal angiosperms AEV 0005233
        Monocots_ACC_0041705
                                                                                  -Magnoliids AIB 0010984
        Monocots_ABQ_0008260
                                                                      -Magnoliids_ABX_0006895
        Monocots AIT 0022701
                                                                    -Magnoliids_ABS_0027891
           Monocots ACG 0011753
          Monocots_AHE_0012737
                                                            -Magnoliids_AID_0019307
          Monocots AGJ 0026665
                                                                       -Magnoliids_AEH_0019214
          Monocots_AEO_0030454
                                                                  -Eudicots AKJ 0026223
                                                                 -Eudicots AKA 0019559
           Monocots_AFA_0026051
                                                             -Eudicots AKG 0015485
                 -Monocots_ABP_0018912
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