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OGs_100132_T1_51_before
              -Eudicots AKH 0007772
             __Eudicots__AKK__0017172
            Eudicots_AKF_0011347
                       -Eudicots AKL 0018171
                       -Eudicots_AKR_0018607
            -Eudicots_ADL_0040654
             -Eudicots AKC 0010841
            Eudicots_AKB_0007474
            Eudicots_AKA_0021946
                 -Eudicots_AAS_0005371
            Eudicots_AHC_0016920
                  -Eudicots AKQ 0016210
                                             OGs_100132_T1_51_after
                 -Eudicots ADN 0016579
                    -Eudicots_AKI_0028206
                                                    Outgroup_ADK_0020835
                                                            -Monocots ADJ 0004866
                -Eudicots AGG 0013196
            -Eudicots_AKG_0026949
                                                               -Monocots_AIJ_0020886
              -Eudicots_AKP_0013870
                                                            Monocots_ACP_0002509
                                                                   -Monocots AHJ 0016379
            -Eudicots AKJ 0135888
        -Eudicots_AIO_0023210
                                               Monocots_AIH_0064072
        -Eudicots_ABE_0015742
                                               Monocots_ACT_0023233
                                               Monocots_ACU_0006045
         -Eudicots_AEG_0001822
        -Eudicots_AIN_0002902
                                                          -Eudicots_AKH_0007772
                                                           -Eudicots AKK 0017172
         -Eudicots_AZA_0021104
            -Eudicots_ACY_0041744
                                                        Eudicots AKF 0011347
                                                                     -Eudicots AKL 0018171
            -Eudicots AAR 0009098
           ⊢Magnoliids AEH 0036147
                                                                    -Eudicots_AKR_0018607
            └Magnoliids AID 0008526
                                                        Eudicots_ADL_0040654
                                                    Eudicots_AKB_0007474
             -Magnoliids_ABS_0028250
         Chloranthales ABV 0006661
                                                       -Eudicots_AHC_0016920
         Chloranthales ABU 0021277
                                                              -Eudicots_AKQ_0016210
          basal angiosperms_AEV_0002247
                                                             Eudicots_ADN_0016579
          basal angiosperms_ADD_0006094
                                                                 -Eudicots_AKI_0028206
          -basal angiosperms_AKM_0014257
                                                            -Eudicots AGG 0013196
             -basal angiosperms_AAL_0007321
                                                        Eudicots AKG 0026949
          -Magnoliids_AIC_0043426
                                                          -Eudicots AKP 0013870
         -Magnoliids_AAU_0007258
                                                        -Eudicots_AKJ_0135888
       -Monocots_AKE_0003237
                                                   -Eudicots_AIO_0023210
       Monocots_AAE_0007491
                                                   Eudicots ABE 0015742
                                                    -Eudicots_AEG_0001822
               -Monocots AHH 0019876
             -Monocots ADJ 0004866
                                                    -Eudicots_AIN_0002902
                -Monocots AIJ 0020886
                                                    Eudicots AZA 0021104
                                                        -Eudicots_ACY_0041744
             Monocots ACP 0002509
                   -Monocots_AHJ_0016379
                                                        -Eudicots AAR 0009098
                                                       -Magnoliids_AEH_0036147
      -Monocots AEQ 0017415
                                                        -Magnoliids_AID_0008526
    Monocots AIH 0064072
            -Monocots_AAO_0019879
                                                         -Magnoliids_ABS_0028250
                                                Chloranthales ABV 0006661
    -Monocots AFF 0010435
 Monocots_ACT_0023233
                                                     rbasal angiosperms_AEV_0002247
                                                      basal angiosperms_ADD_0006094
 Monocots_ACU_0006045
 -Monocots_AAB_0017915
                                                     -basal angiosperms AKM 0014257
                                                         -basal angiosperms_AAL_0007321
      Outgroup_ADK_0020835
                                             0. 178798
0. 205004
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