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OGs_100138_T1_61_before
    Monocots_AGD_0038112
    Monocots_AAH_0006514
    Monocots_ADO_0020908
    -Monocots_AFA_0024638
   Monocots_ACX_0024354
   Monocots_AEX_0009615
   Monocots_ACC_0046788
   Monocots_AGJ_0030412
   Monocots_AEO_0061372
   Monocots_ACG_0030177
   Monocots_AHE_0010948
                                                    OGs_100138_T1_61_after
   -Monocots_AGW_0009976
                                                               -Magnoliids AIC 0045765
   Monocots ABP 0012278
                                                             Magnoliids_AAU_0005922
   Monocots_ABQ_0005718
                                                            -Magnoliids ABS 0033322
   Monocots AIT 0025701
   Monocots_AEY_0021814
                                                           rMagnoliids_ABX_0000764
                                                           ^{f L}Magnoliids_AIB_0015527
    -Monocots_AEB_0020641
                                                           Chloranthales_ABV_0000313
   Monocots_AHF_0009794
   Monocots_AIR_0045296
                                                           -Chloranthales_ABU_0020205
                                                     Ceratophyllales_AIA_0013785
  -Monocots_AFD_0018209
   Monocots_AAO_0012246
                                                           Monocots AKE 0014255
   Monocots_AAN_0003284
                                                           Monocots AAE 0000045
                                                                 Monocots AHH 0006661
       -Monocots_AAV_0006239
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     -Monocots_ACP_0016786
                                                                  Monocots_AAH_0006514
     -Monocots_ADJ_0007232
                                                                  Monocots_ADO_0020908
    -Monocots_AIJ_0020842
                                                                _Monocots_AEX_0009615
    -Monocots_AAB_0011633
                                                                └─Monocots_ACX_0024354
     -Monocots AHJ 0014153
                                                               -Monocots_ACC_0046788
   -Monocots AEQ 0021730
                                                               Monocots AGJ 0030412
                              -Monocots_AIH_0053132
                                                               -Monocots_AEO_0061372
   Monocots AKO 0008005
                              Monocots_AKN_0010639
                                                                -Monocots ACG 0030177
                                                               Monocots_AHE_0010948
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  Monocots_AKE_0014255
                                                              -Monocots_ABQ_0005718
 Monocots_AAE_0000045
                                                              -Monocots_AIT_0025701
   -Monocots_AHH_0006661
    -Eudicots AKQ 0024153
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    -Eudicots ADN 0022129
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                                                              <sup>L</sup>Monocots_AHF_0009794
   _Eudicots_AKL_0026877
                                                              <sup>L</sup>Monocots_AIR_0045296
    -Eudicots_AKR_0005010
  Eudicots_AKI_0020846
                                                              -Monocots_AFD_0018209
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  -Eudicots_AGG_0032672
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 -Eudicots_AKG_0025586
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 -Eudicots_AKF_0009238
                                                                      Monocots AIJ 0020842
-Eudicots AHC 0007312
Ceratophyllales_AIA_0013785
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-Eudicots_AKP_0004405
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Magnoliids_AAU_0005922
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-Magnoliids_ABS_0033322
                                                                    -Eudicots_AKQ_0024153
Magnoliids_ABX_0000764
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                                                                   -Eudicots_AKL_0026877
Magnoliids AIB 0015527
                                                                      -Eudicots AKR 0005010
 |Chloranthales_ABV_0000313
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 Chloranthales_ABU_0020205
                                                            Eudicots_AGG_0032672
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LMagnoliids_AID_0012870
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                                                          Eudicots_AKG_0025586
 basal angiosperms_ADD_0018231
                                                              _basal angiosperms_AEV_0007699
 basal angiosperms AAL 0008537
                                                              -basal angiosperms ADD 0018231
basal angiosperms_AKM_0028339
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0.891938
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