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OGs_100138_T1_61_before
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    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
   -Monocots_AGW_0009976
  Monocots_ABP_0012278
  Monocots_ABQ_0005718
  Monocots_AIT_0025701
  Monocots_AEY_0021814
                                             OGs_100138_T1_61_after
   -Monocots_AEB_0020641
                                                          -Magnoliids_AIC_0045765
  Monocots_AHF_0009794
                                                         -Magnoliids AAU 0005922
  Monocots_AIR_0045296
                                                       -Magnoliids_ABS_0033322
                                                     -Magnoliids ABX 0000764
  Monocots AFD 0018209
  Monocots AAO 0012246
                                                      -Magnoliids AIB 0015527
  Monocots_AAN_0003284
                                                     -Chloranthales_ABV_0000313
      -Monocots_AAV_0006239
                                                      Chloranthales_ABU_0020205
    Monocots_ACP_0016786
                                              Ceratophyllales_AIA_0013785
    -Monocots ADJ 0007232
                                                                Eudicots AKO 0024153
  -Monocots_AIJ_0020842
                                                                -Eudicots_ADN_0022129
   -Monocots_AAB_0011633
                                                                Eudicots_AKL_0026877
    -Monocots_AHJ_0014153
                                                                   -Eudicots AKR 0005010
                                                    Eudicots_AKI_0020846
   -Monocots_AEQ_0021730
                       -Monocots_AIH_0053132
                                                       Eudicots AGG 0032672
  Monocots_AKO_0008005
                                                                     -Eudicots AAS 0020422
                       Monocots AKN 0010639
                                                    Eudicots AKG 0025586
                                                                -Monocots_ACP_0016786
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 Monocots AKE 0014255
                                                                    -Monocots ADJ 0007232
 Monocots_AAE_0000045
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  -Monocots_AHH_0006661
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  Eudicots ADN 0022129
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  FEudicots_AKL_0026877
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  -Eudicots AKR 0005010
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 -Magnoliids_ABS_0033322
                                                     Monocots_ABQ_0005718
                                                    -Monocots_AIT_0025701
Magnoliids_ABX_0000764
 Magnoliids_AIB_0015527
                                                        -Monocots_AEY_0021814
 Chloranthales_ABV_0000313
                                                             -Monocots_AEB_0020641
 Chloranthales_ABU_0020205
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Magnoliids_AEH_0007108
                                                     Monocots_AIR_0045296
Magnoliids_AID_0012870
                                                    -Monocots_AFD_0018209
 basal angiosperms_AEV_0007699
                                                  Monocots_AAO_0012246
 basal angiosperms_ADD_0018231
                                                          -basal angiosperms_AEV_0007699
 └basal angiosperms_AAL_0008537
                                                          basal angiosperms_ADD_0018231
basal angiosperms_AKM_0028339
                                                            -basal angiosperms_AAL_0008537
0. 891938
                                             0. 13651
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