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   Eudicots ADL 0021732
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    Eudicots AKD 0005977
   [Eudicots_AKB_0038853
   Eudicots AKC 0022259
   Eudicots_AKA_0035950
   -Eudicots AKJ 0141107
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      -Eudicots_ADN_0028341
      -Eudicots_AGG_0003497
    -Eudicots_AKI_0019893
        -Eudicots_AKL_0024121
    -Eudicots_AKG_0016541
  -Eudicots AHC 0019206
    -Eudicots AKP 0012372
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                                            OGs 100092 T1 68 after
 -Eudicots_ABE_0009697
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   -Eudicots AAR 0015946
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    -Eudicots_ACY_0036878
                                                           Monocots_AEO_0010495
 Eudicots_AEG_0003638
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  Eudicots_AIN_0005923
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 LEudicots_AZA_0011392
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   Magnoliids_ABW_0013597
                                                         Monocots_ACC_0023054
   Magnoliids_ABX_0027081
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   -Magnoliids_AIB_0012773
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  rMagnoliids_AEH_0022567
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   Magnoliids_AID_0027108
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    Magnoliids ABS 0008300
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   Chloranthales_ABV_0016307
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   Magnoliids_AAU_0005968
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                                                         Eudicots_ACY_0036878
    Monocots_ACG_0023601
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   Monocots_AEO_0010495
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   Monocots AGW 0032963
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   Monocots_ACC_0023054
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   Monocots_ACX_0041065
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   LMonocots_AEX_0020175
                                               Magnoliids_ABX_0027081
   -Monocots_AEB_0012987
                                                     Chloranthales_ABV_0016307
   Monocots_AEY_0031828
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   Monocots_AHF_0031891
                                                      basal angiosperms_AEV_0022817
   Monocots_AIR_0000432
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  Monocots_AFD_0013524
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 Outgroup_ADK_0029848
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