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OGs_100064_T1_47_before
  -Eudicots AKR 0002645
 Eudicots_AKL_0014197
 -Eudicots AKQ 0023704
 Eudicots ADN_0007345
 -Eudicots AGG 0032527
 LEudicots AKI 0019863
 Eudicots_AKH_0030195
 Eudicots AKK 0009633
 Eudicots ADL 0021420
 -Eudicots AKF 0008953
 LEudicots AAS 0020314
 Eudicots AKC 0019543
 Eudicots AKA 0009874
                        -Monocots AAO 0018700
            FEudicots_AKJ_0141207
                                                     OGs 100064 T1 47 after
             Eudicots AKG 0017965
                                                          -basal angiosperms AEV 0007281
             -Eudicots AHC 0018421
                                                          basal angiosperms ADD 0011102
              -Eudicots AKP 0006518
                                                            -basal angiosperms AAL 0008339
basal angiosperms AKM 0007674
                                                            -Eudicots AKR 0002645
  Monocots AHH 0002061
                                                          -Eudicots_AKL_0014197
                              -Magnoliids AAU 0006325
                                                           -Eudicots_AKQ_0023704
  Chloranthales ABV 0009124
                                                         └Eudicots ADN 0007345
  Chloranthales ABU 0029954
                                                          -Eudicots AGG 0032527
 Magnoliids ABW 0005767
                                                         -Eudicots AKI 0019863
 Magnoliids ABX 0002867
                                                         Eudicots AKH 0030195
 Magnoliids AIB 0018474
                                                        Eudicots AKK 0009633
-Magnoliids ABS 0033742
                                                        Eudicots ADL 0021420
-Magnoliids AEH 0005064
                                                          —Eudicots AKF 0008953
Magnoliids_AID_0005562
                                                          -Eudicots AAS 0020314
 Monocots ACT 0000656
                                                        rEudicots AKC 0019543
 Monocots_ACU_0025223
                                                        Eudicots AKA 0009874
 Monocots AKO 0013956
                                                                                 -Eudicots AKJ 0141207
 Monocots AKN 0014837
                                                                                 -Eudicots AKG 0017965
Eudicots AZA 0018182
                                                                                 Eudicots AHC 0018421
-Eudicots_ABE_0012464
                                                                                    -Eudicots_AKP_0006518
                                                         Chloranthales ABV 0009124
Eudicots_AIO_0010166
                                                         Chloranthales ABU 0029954
rEudicots_AIN_0027738
Eudicots_AEG_0011145
                                                         Magnoliids ABW 0005767
                                                         Magnoliids ABX 0002867
Eudicots AAR 0004270
Eudicots_ACY_0018687
                                                         Magnoliids_AIB_0018474
Monocots AFF 0006486
                                                         Magnoliids ABS 0033742
Monocots_ABF_0040334
                                                        -Magnoliids AEH 0005064
                                                       <sup>L</sup>Magnoliids_AID_0005562
 -Monocots_ACP_0005453
-Magnoliids AIC 0041609
                                                          Monocots ACT 0000656
 rbasal angiosperms AEV 0007281
                                                         Monocots_ACU_0025223
 {
m f f ar eta}basal angiosperms_ADD_0011102
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 —basal angiosperms AAL 0008339
                                                         Monocots_AKN_0014837
1.81421
                                                     0.843327
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