```
OGs_100048_T1_42_before
        -Eudicots_AKP_0013001
        Eudicots AKA 0032509
        Eudicots AKJ 0001829
        Eudicots_AKB_0010315
        Eudicots AKC 0002242
        Eudicots AHC 0022342
        -Outgroup ADK 0017198
       basal angiosperms AKM 0016586
        basal angiosperms_AAL_0017688
        <sub>1</sub>Magnoliids_AAU_0004511
        ^{	extsf{T}}Magnoliids AIC 0037790
        basal angiosperms AEV 0012883
        basal angiosperms ADD 0004902
                    -Monocots AKO 0007295
        -Eudicots ACY 0001590
        Eudicots_AAR_0015556
       -Magnoliids AID 0030570
       Monocots_AKN_0008356
                     -Monocots ACT 0001253
                     -Monocots ACU 0021917
        Monocots AAO 0015330
       Monocots AAN 0008031
       Monocots AFD 0028990
                   FMonocots_ADV_0007027
                              -Monocots AHE 0014259
       Monocots AGK 0035928
       Monocots AEY 0023572
       Monocots AEB 0008077
       Monocots_AHF_0023751
       Monocots AIS 0034984
       Monocots_AIR_0003209
       Monocots_ACC_0042186
      Monocots_ACX_0032292
      Monocots AEX 0010465
      Monocots ABQ 0030093
          Monocots AGJ 0026786
          Monocots AEO 0016643
          Monocots_ACG_0009350
          Monocots_AFA_0026734
          Monocots_AGW_0016649
          Monocots ABP 0056113
          Monocots AIT 0017448
1.40379
```

```
OGs 100048 T1 42 after
                             Monocots AGJ 0026786
                             Monocots AEO 0016643
                             Monocots_ACG_0009350
                             -Monocots_AFA_0026734
                             Monocots AGW 0016649
                             Monocots ABP 0056113
                             Monocots AIT 0017448
  rMagnoliids AAU 0004511
  Magnoliids AIC 0037790
Eudicots AKJ 0001829
-Eudicots_AKA_0032509
 FEudicots_AKB_0010315
 Eudicots AKC 0002242
-Eudicots AHC 0022342
  rbasal angiosperms AEV 0012883
  basal angiosperms ADD 0004902
0.490032
```