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          Eudicots ADL 0019694
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           Eudicots AKH 0017406
           Eudicots_AKK_0004821
            -Eudicots_AKF_0005450
          -Eudicots_AHC_0023572
            -Eudicots_AKL_0013969
            -Eudicots_AKR_0016550
            -Eudicots_AKI_0001607
           -Eudicots_AGG_0001567
         -Eudicots_AKG_0007573
           -Eudicots AKO 0020027
          -Eudicots AKP 0017889
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         Eudicots_AIO_0024025
         Eudicots ABE 0015787
         Eudicots_AEG_0007279

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         -Eudicots_AZA_0029670
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          -Magnoliids_ABW_0003952
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         LMagnoliids_AIB_0006510
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         -Magnoliids_ABS_0027052
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         -Magnoliids_AIC_0052420
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          Magnoliids_AAU_0005684
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OGs_100116_T1_69_before