OGs_100086_T1_79_before	
Monocots_AGJ_0007094 Monocots ACG 0026434	
Monocots_AEO_0004278	
Monocots_AHE_0020011	
Monocots_AFA_0003955	
Monocots_AGW_0028716 Monocots_ABP_0031634	
Monocots_ABQ_0026367	
Monocots_AIT_0019144	OGs_100086_T1_79_after
Monocots_AEX_0004057	Outgroup_ADK_0015556
Monocots_ACX_0016382 Monocots_ACC_0045316	Monocots_AGJ_0007094 Monocots_ACG_0026434
[Monocots_AE	
Monocots_AHF	
[Monocots_AIS	
\[ \  \  \  \  \  \  \  \  \  \  \  \  \	
Monocots_AAH_0031168	Monocots_ABQ_0026367
Monocots_AGD_0015436	Monocots_AIT_0019144
☐ ☐ Monocots_AIR_0007304 ☐ Monocots_AFD_0003486	Monocots_ACC_0045316 Monocots_ACX_0016382
Monocots_AGK_0010344	Monocots_AEY_001014
Monocots_AKO_0010483	Monocots_AHF_0005578
Monocots_AKN_0008046	[Monocots_AIS_0014325
Monocots_ADV_0001544 -Monocots_AEQ_0029580	Monocots_AFT_0018595
Monocots_AEQ_U029580   Monocots_AIH_0021873	Monocots_ADU_UU31082
Monocots_AFF_0009179	Monocots_AGD_0015436
Monocots_ABF_0025089	Monocots_AIR_0007304
_Monocots_ACP_0008224 Monocots_ADJ_0015384	-Monocots_AFD_0003486
Monocots_AIJ_0001810	Monocots_AGK_0010344 Monocots_AKO_0010483
-Monocots_AAV_0002745	Monocots_AKN_0008046
Monocots_ACT_0016644	Monocots_ADV_0001544
Monocots_ACU_0029106 —Monocots_AAB_0010796	Monocots_AIH_0021873
Monocots_AAE_0010790	Monocots_AFF_0009179 Monocots_ABF_0025089
Monocots_AKE_0004876	Monocots_ACP_0008224
Monocots_AAO_0009572	Monocots_ADJ_0015384
Monocots_AAN_0011880	└─Monocots_AIJ_0001810
basal angiosperms_AEV_0002028 basal angiosperms_ADD_0016431	-Monocots_AAV_0002745  Monocots_ACT_0016644
Eudicots_AKC_0013239	Monocots_ACU_0029106
Eudicots_AKB_0001097	-Monocots_AAB_0010796
Eudicots_AKA_0022948 FEudicots_AKD_0010823	Monocots_AAE_0017590 Monocots_AKE_0004876
_Eudicots_AAS_0003201	Monocots AAO 0009572
Eudicots_AKK_0022482	Monocots_AAN_0011880
Eudicots_AKH_0003763	basal angiosperms_AEV_0002028
Eudicots_AKF_0016056 Eudicots_ADL_0031804	<sup>l</sup> basal angiosperms_ADD_0016431 <sub>f</sub> Eudicots_AKC_0013239
-Eudicots_AKL_0010366	Eudicots_AKE_0013239
-Eudicots_AKJ_0142651	Eudicots_AKA_0022948
-Eudicots_AKQ_0011254	rEudicots_AKD_0010823
Eudicots_ADN_0025221 EEUdicots_AGG_0030162	<i>└─Eudicots_AAS_0003201 ──Eudicots_AKF_0016056</i>
Eudicots_ACI_0035909	Eudicots_AKK_0022482
LEudicots_AKG_0030049	Eudicots_ADL_0031804
-Eudicots_AHC_0026138 -Eudicots_AKP_0007873	-Eudicots_AKJ_0142651
	Fudicots_AKQ_0011254 Fudicots_ADN_0025221
Fudicots_AIN_0025118 Fudicots_AEG_0001352	-Eudicots_AKI_0035909
-Eudicots_AZA_0020439	
Fudicots_AAR_0012174 Fudicots_ACY_0013178	-Eudicots_AHC_0026138 -Eudicots_AKP_0007873
¡Chloranthales_ABV_0011297	FEUDICOUS_AKP_0007873
$\Gamma$ Chloranthales_ABU_0004051	Eudicots_AEG_0001352
Ceratophyllales_AIA_0018485	-Eudicots_AZA_0020439
Magnoliids_ABX_0020622 Magnoliids_ABW_0002635	Fudicots_AAR_0012174 Fudicots_ACY_0013178
Magnoliids_AIB_0014678	Chloranthales_ABV_0011297
_Magnoliids_ABS_0030564	Chloranthales_ABU_0004051
Magnoliids_AEH_0007007	Ceratophyllales_AIA_0018485
<sup>l</sup> Magnoliids_AID_0006465 ⊢Eudicots_ABE_0020826	Magnoliids_ABX_0020622 Magnoliids_ABW_0002635
Eudicots_AIO_0030910	Magnoliids_AIB_0014678
basal angiosperms_AAL_0018467	-Magnoliids_ABS_0030564
Outgroup_ADK_0015556	Magnoliids_AEH_0007007
──Outgroup_AZB_0031171 	<sup>l</sup> Magnoliids_AID_0006465 —————
0.964257	0.961479