OGs 100021 T1 40 before Monocots AEO 0020282 Monocots AHE 0010982 Monocots AFA 0027411 Monocots AGW 0016200 Monocots ABP 0020323 Monocots ACG 0013070 OGs\_100021\_T1\_40\_after -Monocots\_AIT\_0051780 basal angiosperms\_AEV\_0001096 Monocots\_ACC\_0040553 basal angiosperms ADD 0015843 Monocots ACX 0031541 Monocots AAH 0012583 Monocots AEO 0020282 Monocots\_AGD\_0028815 Monocots AHE 0010982 Monocots ADO 0016246 Monocots AFA 0027411 Monocots AGW 0016200 -Monocots AEB 0009636 Monocots\_ABP\_0020323 Monocots\_AHF\_0013929 Monocots AFT 0007073 Monocots\_ACG\_0013070 Monocots\_AIT\_0051780 Monocots\_AIS\_0028012 Monocots\_AIR\_0030151 Monocots\_ACC\_0040553 Monocots\_ACX\_0031541 -Monocots\_AGK\_0035677 Monocots\_AAH\_0012583 -Monocots\_AFD\_0028176 Monocots\_AGD\_0028815 Monocots ABQ 0009291 Monocots ADO 0016246 -Monocots AEQ 0016851 Monocots AIH 0071933 Monocots AHF 0013929 -Monocots AFT 0007073 Monocots ADV 0016337 Monocots AIS 0028012 -Monocots ACP 0026152 ☐ Monocots\_ADJ\_0002238 Monocots AIR 0030151 -Monocots\_AGK\_0035677 -Monocots AIJ 0004006 Monocots\_AFD\_0028176 -Monocots AAB 0013983 Monocots ACT 0021015 Monocots ABQ 0009291 Monocots ACU 0022258 Monocots AIH 0071933 Monocots AAO 0015521 -Monocots\_ADV\_0016337 -Monocots ACP 0026152 └Monocots AAN 0008074 Monocots\_AAE\_0008057 -Monocots ADJ 0002238 -Monocots\_AIJ\_0004006 Monocots AKE 0005558 -Eudicots\_AKP\_0009986 -Monocots AAB 0013983 Monocots\_ACT\_0021015 -Monocots\_AAV\_0010079 Monocots\_ACU\_0022258 -Monocots\_AHJ\_0015319 Monocots AAO 0015521 Monocots\_AFF\_0026136 Monocots AAE 0008057 -Monocots ABF 0025789 Monocots AKE 0005558 rbasal angiosperms AEV 0001096 basal angiosperms ADD 0015843 -Eudicots AKP 0009986 0.829862 0.83264