G4865\_GTRGAMMA\_ML\_tree -Dial\_Dialium\_schlechteri\_1026188 Dial\_Dialium\_schlechteri\_1026185 ·Dial\_Dialium\_schlechteri\_1026193 8<u>5</u> ·Dial\_Dialium\_schlechteri\_1026183 8<u>5</u> -Dial\_Dialium\_schlechteri\_1026191 -Dial\_Dialium\_schlechteri\_1026194 -Dial\_Dialium\_schlechteri\_1026184 ·Dial\_Dialium\_schlechteri\_1026190 -Dial\_Dialium\_schlechteri\_1026195 9<u>9</u> ·Dial\_Labichea\_lanceolata\_1034042 -Dial\_Dialium\_schlechteri\_1040767 98 -Dial\_Dialium\_schlechteri\_1023223 -Dial\_Dialium\_schlechteri\_1026201 ·Caes\_Parkia\_timoriana\_1032529 ·Caes\_Prosopis\_028917978.1 9<u>3</u> Caes\_Prosopis\_028933422.1 Caes\_Prosopis\_028915404.1 9<u>1</u> ·Caes\_Senegalia\_rugata\_1038256 Caes\_Senegalia\_rugata\_1038255 8<u>8</u> ·Caes\_Senegalia\_rugata\_1000696 98 ·Caes\_Gleditsia\_japonica\_1026371 ·Caes\_Umtiza\_listeriana\_1016297 Papi\_Trischidium\_molle\_1039892 ·Papi\_Trischidium\_molle\_1039891 ·Papi\_Trischidium\_molle\_1039893 9<u>5</u> ·Papi\_Trischidium\_molle\_1037713 ·Papi\_Trischidium\_molle\_1037709 ·Papi\_Tibetia\_himalaica\_1040708 99 -Papi\_Cladrastis\_platycarpa\_1006072 ·Papi\_Lj0g3v0102059.1 Papi\_Lj0g3v0102049.1 9<u>6</u> Papi\_Tibetia\_himalaica\_1044555 9<u>8</u> -Papi\_Hypocalyptus\_sophoroides\_1052149 9<u>8</u> 81 ·Papi\_Cladrastis\_platycarpa\_1025857 -Papi\_Dipteryx\_odorata\_1025937 Papi\_Dipteryx\_odorata\_1006225 Papi\_Cytisus\_filipes\_1044915 -Papi\_Erinacea\_anthyllis\_1214618 ·Papi\_Bolusanthus\_speciosus\_1000265 ·Papi\_Dipteryx\_odorata\_1001034 -Deta\_Brachystegia\_spiciformis\_1046595 8<u>0</u> -Deta\_Brachystegia\_spiciformis\_1046593 Deta\_Brachystegia\_spiciformis\_1046597 2<u>5</u> 25 -Deta\_Brachystegia\_spiciformis\_1046592 -Deta\_Brachystegia\_spiciformis\_1046594 -Deta\_Brachystegia\_spiciformis\_1046596 -Deta\_Brachystegia\_spiciformis\_1046591 ·Deta\_Brachystegia\_spiciformis\_1046598 99 6<u>7</u> Deta\_Brachystegia\_spiciformis\_1046599 Deta\_Brachystegia\_spiciformis\_1053101 5<u>6</u> ·Deta\_Brachystegia\_spiciformis\_1020063 Deta\_Brachystegia\_spiciformis\_1020064 5<u>5</u> -Deta\_Brachystegia\_spiciformis\_1020065 97 Deta\_Brachystegia\_spiciformis\_1053103 -Deta\_Colophospermum\_mopane\_1055018 -Deta\_Colophospermum\_mopane\_1055017 Papi\_Marina\_parryi\_1031813 -Papi\_Marina\_parryi\_1031815 Papi\_Marina\_parryi\_1031812 -Papi\_Marina\_parryi\_1031810 ·Papi\_Marina\_parryi\_1031809 99 Papi\_Bolusanthus\_speciosus\_1032464 Papi\_Bolusanthus\_speciosus\_1032462 ·Papi\_Genista\_sagittalis\_1060337 ·Papi\_Luetzelburgia\_bahiensis\_1002211 72 -Papi\_Dipteryx\_odorata\_1051744 Dial\_Poeppigia\_procera\_Ge\_1002173 99 -Dial\_Dialium\_schlechteri\_1000879 ·Dial\_Poeppigia\_procera\_Ge\_1008574 Papi\_Trischidium\_molle\_1051620 -Papi\_Dipteryx\_odorata\_1025938 Papi\_Marina\_parryi\_1025781 Papi\_Marina\_parryi\_1035879 Cerc\_Cergi.GAOK01052295.1 Cerc\_Cergi.GAOK01052294.1 8<u>7</u> Cerc\_Cerca81S00483frag\_CERCA 83 -Deta\_Brachystegia\_spiciformis\_1047637 -Papi\_Marina\_parryi\_1026224 -Caes\_Moullava\_spicata\_1029529 9<u>9</u> ·Caes\_Moullava\_spicata\_1029527 98 ·Caes\_Moullava\_spicata\_1029530 3<u>8</u> 38 Caes\_Moullava\_spicata\_1015950 ·Caes\_Moullava\_spicata\_1015949 Caes\_Moullava\_spicata\_1029533 Caes\_Moullava\_spicata\_1029531 Caes\_Moullava\_spicata\_1029532 97 Caes\_Moullava\_spicata\_1029526 ·Caes\_Moullava\_spicata\_1029528 Caes\_Moullava\_spicata\_1015951 ·Caes\_Moullava\_spicata\_1041183 Caes\_Moullava\_spicata\_1041304 97 91 Caes\_Moullava\_spicata\_1030509 99 Caes\_Moullava\_spicata\_1000433 ·Caes\_Moullava\_spicata\_1041182 Caes\_Acacia\_pycnantha\_1108167 -Caes\_Ceratonia\_siliqua\_1030407 94 97 Caes\_Ceratonia\_siliqua\_1006997 ·Caes\_Chafa78S11779\_CHAFA Caes\_Chafa95407S05231\_CHAFA 97 ·Caes\_Ceratonia\_siliqua\_1011184 -Cerc\_Cheniella\_corymbosa\_1051274 Papi\_Bolusanthus\_speciosus\_1043317 Papi\_Bolusanthus\_speciosus\_1000827 90 47 Papi\_Cytisus\_filipes\_1007294 Papi\_Genista\_sagittalis\_1009306 9<u>3</u> ·Papi\_Cladrastis\_platycarpa\_1011596 Papi\_Myroxylon\_toluiferum\_1028368 Papi\_Castanospermum\_australe\_1050316 50 Cerc\_Bauhpu.DN13779 9<u>8</u> Cerc\_Cerca776S00475frag\_CERCA Cerc\_Adenolobus\_garipensis\_1068390 ·Cerc\_Adenolobus\_garipensis\_1068389 ·Cerc\_Cheniella\_corymbosa\_1003676 -Deta\_Brachystegia\_spiciformis\_1014872 9<u>8</u> -Deta\_Brachystegia\_spiciformis\_1014870 9<u>8</u> -Deta\_Brachystegia\_spiciformis\_1014873 Deta\_Brachystegia\_spiciformis\_1014871 -Deta\_Brachystegia\_spiciformis\_1030083 -Deta\_Brachystegia\_spiciformis\_1030084 -Papi\_Colutea\_arborescens\_1031774 Papi\_Psat1g119160.1 ·Papi\_Spatholobus\_suberectus\_1025510 ·Papi\_Cladrastis\_platycarpa\_1047461 ·Dial\_Dialium\_schlechteri\_1026182 -Dial\_Dialium\_schlechteri\_1031454 ·Dial\_Dialium\_schlechteri\_1031456 ·Dial\_Dialium\_schlechteri\_1031455 Caes\_Chafa10853S06090\_CHAFA Caes\_Chafa397S09619\_CHAFA 4<u>5</u> Caes\_Parkia\_timoriana\_1009371 99 ·Caes\_Gleditsia\_japonica\_1010323 Caes\_Umtiza\_listeriana\_1047509 -Papi\_Genista\_sagittalis\_1008625 8<u>8</u> -Papi\_Genista\_sagittalis\_1008626 Papi\_Genista\_sagittalis\_1000085 9<u>9</u> -Papi\_Erinacea\_anthyllis\_1120314 96 -Papi\_Cytisus\_filipes\_1000327 -Papi\_Bolusanthus\_speciosus\_1006653 Papi\_Hypocalyptus\_sophoroides\_1050715 Papi\_Hypocalyptus\_sophoroides\_1050717 -Papi\_Hypocalyptus\_sophoroides\_1050716 -Papi\_Cladrastis\_platycarpa\_1004695 Papi\_Castanospermum\_australe\_1008964 9<u>0</u> ·Papi\_Castanospermum\_australe\_1008963 Papi\_Castanospermum\_australe\_1008965 Papi\_Dipteryx\_odorata\_1011436 ·Papi\_Trischidium\_molle\_1003996 ·Caes\_Umtiza\_listeriana\_1036752 -Caes\_Umtiza\_listeriana\_1036750 Caes\_Umtiza\_listeriana\_1036751 9<u>9</u> ·Caes\_Gleditsia\_japonica\_1033641 96 Caes\_Senegalia\_rugata\_1021612 Caes\_Acacia\_pycnantha\_1114170 Caes\_Moullava\_spicata\_1039286 90 -Dial\_Labichea\_lanceolata\_1012732 ·Dial\_Zenia\_GDGH01015084.1 Papi\_Bolusanthus\_speciosus\_1039685 ·Papi\_Bolusanthus\_speciosus\_1039684 -Noth\_Nothofagus\_antarctica\_1009168

-Noth\_Nothofagus\_antarctica\_1009169