G2031_GTRGAMMA_ML_tree Papi_Apios.136531 Papi_Apios.136518 Papi_Apios.136522 Papi_Apios.136528 9<u>7</u> Papi_Spatholobus_suberectus_1018771 93 Papi_Spatholobus_suberectus_1018770 8<u>9</u> Papi_Vang0678s00050.1 *□ Papi_Vradi01g08960.1* Papi_Phvul.004G068100.1 Papi_Cullen_corylifolia_1018001 9<u>8</u> -Papi_Cullen_corylifolia_1018000 88 Papi_Cullen_corylifolia_1018004 Papi_Cullen_corylifolia_1018005 Papi_Otholobium_arborescens_1019116 <u>99</u> Papi_Otholobium_arborescens_1019117 -Papi_Glyma.02G068000.1 Papi_Glyma.16G149500.1 Papi_Cajanus_020207398.1 Papi_Cajanus_020207399.1 Papi_Cajanus_020207397.1 Papi_Canavalia_gladiata_1013860 Papi_Canavalia_gladiata_1013861 96 Papi_Canavalia_gladiata_1013859 Papi_Canavalia_gladiata_1013862 Papi_Aganope_thyrsiflora_1009845 Papi_Aganope_thyrsiflora_1009846 97 Papi_Aganope_thyrsiflora_1009844 82 -Papi_Aganope_thyrsiflora_1009843 Papi_Austrosteenisia_blackii_1054955 8<u>4</u> -Papi_Austrosteenisia_blackii_1054957 Papi_Austrosteenisia_blackii_ 1054958 -Papi_Colutea_arborescens_1016729 9<u>8</u> -Papi_Colutea_arborescens_1016728 8<u>6</u> 9<u>7</u> -Papi_Colutea_arborescens_1016726 6<u>8</u> Papi_Colutea_arborescens_1016727 Papi_Astragalus_lentiginosus_1035660 98 Papi_Astragalus_lentiginosus_1035661 Papi_Astragalus_lentiginosus_1035657 Papi_Astragalus_lentiginosus_1035663 9<u>8</u> Papi_Astragalus_lentiginosus_1035658 Papi_Tibetia_himalaica_1033314 -Papi_Tibetia_himalaica_1033315 Papi_Tibetia_himalaica_1033312 9<u>8</u> Papi_Tp57577_TGAC_v2_mRNA6321 Papi_Medtr6g033100.1 Papi_Psat1g014640.1 9<u>8</u> ·Papi_Ca_19137 98 Papi_Glycyrrhiza_uralensis_1021392 Papi_Glycyrrhiza_uralensis_1021394 ·Papi_Wisteriopsis_reticulata_1025121 Papi_Lj0g3v0046389.1 -*Papi_Lj0g3v0046389.*2 9<u>4</u> 9<u>9</u> -Papi_Lj0g3v0355599.1 Papi_Lj0g3v0355609.1 8<u>8</u> Papi_Hippocrepis_comosa_1017207 Papi_Hippocrepis_comosa_1017208 Papi_Hippocrepis_comosa_1017206 Papi_Jacksonia_scoparia_1021093 -Papi_Jacksonia_scoparia_1021101 95 8<u>2</u> Papi_Pultenaea_villosa_1081212 Papi_Jacksonia_scoparia_1021099 8<u>4</u> -Papi_Jacksonia_scoparia_1021102 80 -Papi_Jacksonia_scoparia_1021100 Papi_Jacksonia_scoparia_1021095 3<u>0</u> Papi_Jacksonia_scoparia_1021097 Papi_Jacksonia_scoparia_1021096 Papi_Jacksonia_scoparia_1021094 Papi_Pultenaea_villosa_1081211 Papi_Gastrolobium_praemorsum_1058065 Dial_Labichea_lanceolata_1034896 90 8<u>9</u> Papi_Gastrolobium_praemorsum_1058063 Papi_Gastrolobium_praemorsum_1058064 87 -Papi_Pultenaea_villosa_1057654 Papi_Pultenaea_villosa_1057653 Papi_Hypocalyptus_sophoroides_1041619 9<u>9</u> Papi_Hypocalyptus_sophoroides_1041614 88 Papi_Hypocalyptus_sophoroides_1041613 98 Papi_Hypocalyptus_sophoroides_1041616 Papi_Hypocalyptus_sophoroides_1041618 Papi_Lup021184.1 Papi_Lup021183.1 8<u>7</u> Papi_Erinacea_anthyllis_1222560 8<u>6</u> Papi_Genista_sagittalis_1046832 8<u>7</u> Papi_Cytisus_filipes_1027565 8<u>7</u> 9<u>5</u> Papi_Cytisus_filipes_1027567 Papi_Genista_sagittalis_1046831 Papi_Erinacea_anthyllis_1222562 -Papi_Lup005258.1 94 Papi_Genista_sagittalis_1046833 Papi_Bolusanthus_speciosus_1033827 Papi_Bolusanthus_speciosus_1033822 94 Papi_Bolusanthus_speciosus_1033825 8<u>6</u> Papi_Marina_parryi_1019408 Papi_Marina_parryi_1019407 ·Papi_Marina_parryi_1019406 89 Papi_Marina_parryi_1019409 85 Papi_Marina_parryi_1011689 ·Papi_Nissc525441S28141_NISSC Papi_Luetzelburgia_bahiensis_1019588 ·Papi_Cladrastis_platycarpa_1042024 Papi_Cladrastis_platycarpa_1042019 98 Papi_Cladrastis_platycarpa_1042025 Papi_Cladrastis_platycarpa_1042026 -Papi_Dipteryx_odorata_1037305 Papi_Dipteryx_odorata_1037302 -Papi_Dipteryx_odorata_1037296 ·Papi_Trischidium_molle_1052761 49 Papi_Trischidium_molle_1033452 Papi_Trischidium_molle_1033453 ·Caes_Moullava_spicata_1021899 99 Caes_Ceratonia_siliqua_1027481 Caes_Gleditsia_japonica_1018825 9<u>4</u> Caes_Umtiza_listeriana_1036392 -Papi_Cullen_corylifolia_1018003 6<u>5</u> Papi_Cullen_corylifolia_1018002 ·Papi_Dipteryx_odorata_1037297 67 Papi_Dipteryx_odorata_1037301 84 Papi_Cladrastis_platycarpa_1042020 Papi_Myroxylon_toluiferum_1017179 6<u>2</u> Dial_Labichea_lanceolata_1034893 Dial_Dialium_schlechteri_1006666 93 9<u>4</u> Cerc_Cheniella_corymbosa_1041706 Cerc_Cheniella_corymbosa_1041707 Papi_Castanospermum_australe_1025692 8<u>8</u> Papi_Castanospermum_australe_1025694 └─Papi_Castanospermum_australe_1025691 92 Papi_Castanospermum_australe_1025693 Papi_Dipteryx_odorata_1037293 Papi_Dipteryx_odorata_1037304 Papi_Dipteryx_odorata_1037300 94 Papi_Dipteryx_odorata_1037299 Papi_Dipteryx_odorata_1037306 Papi_Pultenaea_villosa_1081213 ·Papi_Pultenaea_villosa_1081214 99 Papi_Jacksonia_scoparia_1021098 8<u>9</u> ·Papi_Gastrolobium_praemorsum_1058068 Papi_Castanospermum_australe_1025689 6<u>3</u> Papi_Araip.X5FWF.1 Papi_Aradu.E0FLD.1 93 7<u>7</u> Papi_Luetzelburgia_bahiensis_1028147 Papi_Castanospermum_australe_1025690 Papi_Castanospermum_australe_1025688 Papi_Hypocalyptus_sophoroides_1038777 Papi_Hypocalyptus_sophoroides_1038775 9<u>8</u> Papi_Hypocalyptus_sophoroides_1038776 84 Papi_Gastrolobium_praemorsum_1058066 90 74 Papi_Pultenaea_villosa_1057655 Papi_Marina_parryi_1019405 90 77 Papi_Bolusanthus_speciosus_1033826 42 Papi_Marina_parryi_1019404 -Papi_Cladrastis_platycarpa_1042017 -Papi_Cladrastis_platycarpa_1042023 9<u>7</u> Papi_Cladrastis_platycarpa_1042022 84 Papi_Cladrastis_platycarpa_1042021 -Papi_Myroxylon_toluiferum_1017183 6<u>3</u> Papi_Myroxylon_toluiferum_1017181 Papi_Myroxylon_toluiferum_1017184 Papi_Myroxylon_toluiferum_1017178 ·Papi_Myroxylon_toluiferum_1017177 Papi_Trischidium_molle_1033451 Papi_Trischidium_molle_1033449 Caes_Parkia_timoriana_1016902 Caes_Parkia_timoriana_1016904 ·Caes_Parkia_timoriana_1016905 Caes_Parkia_timoriana_1016903 Caes_Senegalia_rugata_1047964 Caes_Mimpu4878S24790_MIMPU Caes_Moullava_spicata_1021897 6<u>6</u> Caes_Moullava_spicata_1021894 Caes_Moullava_spicata_1021895 Caes_Moullava_spicata_1021898 9<u>9</u> <u>99</u> Caes_Moullava_spicata_1021896 Caes_Chafa7432S26455_CHAFA Caes_Gleditsia_japonica_1033348 Caes_Umtiza_listeriana_1036393 84 Caes_Ceratonia_siliqua_1027484 Caes_Ceratonia_siliqua_1027482 90 Caes_Ceratonia_siliqua_1027480 Caes_Ceratonia_siliqua_1027479 Caes_Ceratonia_siliqua_1027486 Caes_Ceratonia_siliqua_1027485 Caes_Gleditsia_japonica_1018830 Caes_Gleditsia_japonica_1018829 ·Caes_Gleditsia_japonica_1018820 9<u>9</u> ·Caes_Gleditsia_japonica_1018824 9<u>8</u> Caes_Gleditsia_japonica_1018818 Caes_Gleditsia_japonica_1018827 Caes_Gleditsia_japonica_1018823 7<u>6</u> Caes_Umtiza_listeriana_1036396 Caes_Umtiza_listeriana_1036395 Caes_Gleditsia_japonica_1018828 Caes_Gleditsia_japonica_1018819 79 Caes_Umtiza_listeriana_1036390 Caes_Umtiza_listeriana_1036394 Caes_Umtiza_listeriana_1036391 42 Caes_Moullava_spicata_1021900 Caes_Senegalia_rugata_1022315 Caes_Senegalia_rugata_1022314 Caes_Senegalia_rugata_1022316 Caes_Acacia_pycnantha_1012924 Caes_Parkia_timoriana_1016906 Cerc_Cheniella_corymbosa_1041711 Caes_Moullava_spicata_1040856 ·Caes_Moullava_spicata_1021901 87 Caes_Chafa95458S29711_CHAFA 78 Caes_Ceratonia_siliqua_1027483 Deta_Brachystegia_spiciformis_1030059 Deta_Brachystegia_spiciformis_1030058 Deta_Brachystegia_spiciformis_1030060 Deta_Colophospermum_mopane_1043849 Deta_Colophospermum_mopane_1043850 ·Dial_Labichea_lanceolata_1034898 ·Dial_Labichea_lanceolata_1034895 ·Dial_Labichea_lanceolata_1034900 9<u>1</u> ·Dial_Labichea_lanceolata_1034891 Dial_Labichea_lanceolata_1034890 ·Dial_Labichea_lanceolata_1034894 Dial_Dialium_schlechteri_1006667 92 ·Dial_Labichea_lanceolata_1034889 Dial_Labichea_lanceolata_1034888 Dial_Labichea_lanceolata_1034892 93 ·Dial_Labichea_lanceolata_1034897 Dial_Labichea_lanceolata_1034899 ·Cerc_Cheniella_corymbosa_1041710 -Cerc_Cheniella_corymbosa_1041708 89 Cerc_Cheniella_corymbosa_1041709 ·Cerc_Cheniella_corymbosa_1041703 89 9<u>0</u> Cerc_Cheniella_corymbosa_1041704 8<u>9</u> -Cerc_Cheniella_corymbosa_1041705 Cerc_Adenolobus_garipensis_1065868 ·Cerc_Cheniella_corymbosa_1002136 97 Cerc_Bauhva.DN23756_c0_g1_i11 97 -Cerc_Cerca43S24561_CERCA Cerc_Bauhva.DN3038_c0_g2_i1 Cerc_Cheniella_corymbosa_1002344 Poly_Polygala_latouchei_1031436 ·Poly_Polygala_latouchei_1031432 Poly_Polygala_latouchei_1031434 Poly_Polygala_latouchei_1031433 Poly_Polygala_latouchei_1031435 Poly_Polygala_latouchei_1008607 57 Poly_Polygala_latouchei_1008606 Quil_Quillaja_saponaria_1006222 Quil_Quillaja_saponaria_1006221 Quil_Quillaja_saponaria_1006223 Noth_Nothofagus_antarctica_1021575 9<u>8</u> Noth_Nothofagus_antarctica_1021577 Noth_Nothofagus_antarctica_1021578 Noth_Nothofagus_antarctica_1021576 -Jugl_Juglans_regia_1003401 ·Vita_VIT_214s0068g00780.2