-Papi_Astragalus_lentiginosus_1018923 ·Papi_Astragalus_lentiginosus_1018922 9<u>9</u> -Papi_Colutea_arborescens_1032664 -Papi_Tibetia_himalaica_1023248 -Papi_Tp57577_TGAC_v2_mRNA14280 -Papi_Medtr3g062940.1 -Papi_Psat5g146360.1 81 -Papi_Glycyrrhiza_uralensis_1016993 -Papi_Wisteriopsis_reticulata_1011221 Papi_Wisteriopsis_reticulata_1011220 Papi_Hypocalyptus_sophoroides_1012766 ·Papi_Hypocalyptus_sophoroides_1012764 Papi_Hypocalyptus_sophoroides_1012767 80 -Papi_Hypocalyptus_sophoroides_1012765 -Papi_Araip.KAX96.1 ·Papi_Aradu.RWS53.1 -Papi_Lj0g3v0054459.2 -Papi_Lj0g3v0054459.1 76 Papi_Apios.88550 ·Papi_Hippocrepis_comosa_1012051 Papi_Jacksonia_scoparia_1030012 -Papi_Gastrolobium_praemorsum_1041958 -Papi_Gastrolobium_praemorsum_1041957 38 5<u>9</u> └-Papi_Gastrolobium_praemorsum_1041956 -Caes_Gleditsia_japonica_1001194 71 -Papi_Jacksonia_scoparia_1030011 -Papi_Pultenaea_villosa_1053823 -Papi_Aganope_thyrsiflora_1003707 Papi_Otholobium_arborescens_1015180 −Papi_Otholobium_arborescens_1015181 -Papi_Cullen_corylifolia_1002054 -Papi_Glyma.18G049100.3 -Papi_Cajanus_020203669.1 -Papi_Apios.88545 87 *-Papi_Apios.88539* Papi_Austrosteenisia_blackii_1026273 ·Papi_Austrosteenisia_blackii_1026272 86 66 Papi_Canavalia_gladiata_1006325 -Papi_Canavalia_gladiata_1006324 -Papi_Spatholobus_suberectus_1012196 -Papi_Erinacea_anthyllis_1169366 Papi_Genista_sagittalis_1016181 9<u>6</u> -Papi_Erinacea_anthyllis_1169365 Papi_Cytisus_filipes_1015492 Papi_Lup021252.1 ·Papi_Bolusanthus_speciosus_1022471 -Papi_Cladrastis_platycarpa_1002948 -Papi_Luetzelburgia_bahiensis_1013333 47 Papi_Marina_parryi_1025972 Papi_Marina_parryi_1025971 Papi_Nissc5395S28670_NISSC ·Papi_Trischidium_molle_1036168 Papi_Trischidium_molle_1036167 9<u>6</u> -Papi_Trischidium_molle_1036166 -Papi_Myroxylon_toluiferum_1019381 -Papi_Dipteryx_odorata_1005354 91 -Papi_Castanospermum_australe_1019211 ·Papi_Castanospermum_australe_1019210 Papi_Cladrastis_platycarpa_1024212 -Papi_Cladrastis_platycarpa_1024211 -Dial_Dialium_schlechteri_1010281 -Dial_Dialium_schlechteri_1010282 -Dial_Labichea_lanceolata_1004353 ·Caes_Gleditsia_japonica_1001193 Caes_Gleditsia_japonica_1001192 ·Caes_Umtiza_listeriana_1007751 8<u>0</u> 77 ·Caes_Ceratonia_siliqua_1001790 ·Caes_Moullava_spicata_1004919 76 ·Caes_Senegalia_rugata_1016756 Caes_Parkia_timoriana_1016704 86 -Caes_Chafa574S24549_CHAFA ·Cerc_Bauhpu.DN17894_c0_g2_i1 ·Cerc_Bauhpu.DN17894_c0_g1_i2 -Cerc_Bauhva.DN13192_c0_g1_i2 9<u>6</u> ·Cerc_Cheniella_corymbosa_1021939 Cerc_Cheniella_corymbosa_1021940 ·Cerc_Adenolobus_garipensis_1091679 Cerc_Cheniella_corymbosa_1021941 Cerc_Cerca294S20483_CERCA 45 -Deta_Colophospermum_mopane_1006628 -Deta_Colophospermum_mopane_1006627 98 -Papi_Castanospermum_australe_1058635 -Deta_Brachystegia_spiciformis_1014083 Papi_Vang03g11000.2 Papi_Vradi10g04130.1 -Papi Phvul.006G082500.2 9<u>7</u> Papi_Cajanus_020203679.1 -Papi_Cajanus_020203678.1 Papi_Apios.25792 -Papi_Apios.25791 -Papi_Glyma.11G201800.1 36 *└Papi_Glyma.*18G049000.1 ·Papi_Marina_parryi_1002999 -Papi_Wisteriopsis_reticulata_1015677 -Papi_Aganope_thyrsiflora_1003706 -Papi_Glycyrrhiza_uralensis_1022986 -Papi_Glycyrrhiza_uralensis_1022987 -Papi_Wisteriopsis_reticulata_1015676 Papi_Tp57577_TGAC_v2_mRNA38676 -Papi_Psat5g146320.1 9<u>9</u> -Papi_Medtr3g063030.1 -Papi_Medtr3g062950.1 -Papi_Ca_08892 -Papi_Lj0g3v0054449.1 -Papi_Hippocrepis_comosa_1016205 70 -Papi_Astragalus_lentiginosus_1031991 38 Papi_Tibetia_himalaica_1014651 -Papi_Tibetia_himalaica_1014650 85 Papi_Tibetia_himalaica_1014652 -Papi_Jacksonia_scoparia_1030015 97 −Papi_Jacksonia_scoparia_1030016 -Papi_Gastrolobium_praemorsum_1041961 97 ·Papi_Pultenaea_villosa_1075001 -Papi_Hypocalyptus_sophoroides_1056203 Papi_Lup001473.1 -Papi_Cytisus_filipes_1049574 Papi_Erinacea_anthyllis_1105745 9<u>9</u> -Papi_Erinacea_anthyllis_1105744 -Papi_Lup021253.1 94 -Papi_Lup021254.1 -Papi_Bolusanthus_speciosus_1009665 Papi_Aradu.WNG1Q.1 -Papi_Araip.XE0TG.1 46 78 -Papi_Nissc11108S05037_NISSC -Papi_Luetzelburgia_bahiensis_1001870 9<u>9</u> -Papi_Cladrastis_platycarpa_1024213 -Papi_Castanospermum_australe_1019390 9<u>0</u> └─Papi_Castanospermum_australe_1019391 -Papi_Castanospermum_australe_1019389 -Papi_Myroxylon_toluiferum_1003024 Papi_Dipteryx_odorata_1031495 Caes_Senegalia_rugata_1014836 Caes_Parkia_timoriana_1000731 Caes_Senegalia_rugata_1047280 Caes_Parkia_timoriana_1002053 -Caes_Chafa10061S05828_CHAFA 5<u>5</u> -Caes_Moullava_spicata_1005487 ·Caes_Umtiza_listeriana_1007752 Caes_Gleditsia_japonica_1004906 9<u>9</u> ·Caes_Ceratonia_siliqua_1010972 Caes_Ceratonia_siliqua_1010971 -Dial_Dialium_schlechteri_1040529 ·Poly_Polygala_latouchei_1058943 99 ·Quil_Quillaja_saponaria_1002971

-Jugl_Juglans_regia_1020406

·Vita_VIT_206s0004g08410.1

Noth_Nothofagus_antarctica_1016572

G5855_GTRGAMMA_ML_tree

·Papi_Astragalus_lentiginosus_1018921