G1353_GTRGAMMA_ML_tree -Papi_Colutea_arborescens_1015647 -Papi_Colutea_arborescens_1015645 Papi_Colutea_arborescens_1015646 Papi_Astragalus_lentiginosus_1052427 ·Papi_Astragalus_lentiginosus_1052428 99 Papi_Astragalus_lentiginosus_1052425 98 Papi_Tibetia_himalaica_1035836 ·Papi_Tibetia_himalaica_1035837 9<u>7</u> <u>98</u> Papi_Tibetia_himalaica_1051676 9<u>8</u> Papi_Tibetia_himalaica_1053535 Papi_Tp57577_TGAC_v2_mRNA30172 ·Papi_Medtr5g034780.1 Papi_Psat2g105480.1 7<u>8</u> Papi_Tp57577_TGAC_v2_mRNA30171 Papi_Ca_22308 Papi_Glycyrrhiza_uralensis_1028843 62 Papi_Wisteriopsis_reticulata_1035318 Papi_Glycyrrhiza_uralensis_1028842 ·Papi_Glycyrrhiza_uralensis_1028840 90 91 Papi_Glycyrrhiza_uralensis_1028841 Papi_Glycyrrhiza_uralensis_1028839 -Papi_Hippocrepis_comosa_1009362 Papi_Lj2g3v1378900.1 ·Papi_Cullen_corylifolia_1016720 -Papi_Cullen_corylifolia_1016726 Papi_Cullen_corylifolia_1016725 Papi_Otholobium_arborescens_1021623 -Papi_Glyma.02G033300.3 8<u>7</u> -Papi_Glyma.01G032100.2 Papi_Cajanus_020216315.1 ·Papi_Vradi0167s00120.1 -Papi_Vang0082s00540.1 Papi_Phvul.002G072600.1 99 Papi_Apios.116957 Papi_Spatholobus_suberectus_1007029 98 Papi_Spatholobus_suberectus_1007030 Papi_Austrosteenisia_blackii_1048924 Papi_Austrosteenisia_blackii_1048923 Papi_Austrosteenisia_blackii_1048922 9<u>8</u> 8<u>8</u> 8<u>8</u> Papi_Canavalia_gladiata_1018641 82 Papi_Canavalia_gladiata_1018640 -Papi_Aganope_thyrsiflora_1012540 Dial_Labichea_lanceolata_1037496 Papi_Gastrolobium_praemorsum_1028017 9<u>9</u> Papi_Gastrolobium_praemorsum_1028016 Papi_Gastrolobium_praemorsum_1028021 99 ·Papi_Pultenaea_villosa_1077062 97 Papi_Pultenaea_villosa_1077061 -Papi_Jacksonia_scoparia_1017045 ·Papi_Jacksonia_scoparia_1017048 Papi_Jacksonia_scoparia_1017044 Papi_Hypocalyptus_sophoroides_1041453 Papi_Hypocalyptus_sophoroides_1041456 Papi_Hypocalyptus_sophoroides_1041454 Papi_Hypocalyptus_sophoroides_1041452 96 Papi_Hypocalyptus_sophoroides_1041450 4<u>0</u> Papi_Hypocalyptus_sophoroides_1050001 3<u>7</u> Papi_Hypocalyptus_sophoroides_1041455 Papi_Hypocalyptus_sophoroides_1050002 9<u>5</u> Papi_Genista_sagittalis_1058411 Papi_Genista_sagittalis_1058407 9<u>7</u> 7<u>8</u> Papi_Erinacea_anthyllis_1156317 7<u>8</u> Papi_Erinacea_anthyllis_1156319 9<u>5</u> ·Papi_Erinacea_anthyllis_1156318 Papi_Lup025584.1 ·Papi_Genista_sagittalis_1058409 Papi_Genista_sagittalis_1058408 9<u>8</u> Papi_Cytisus_filipes_1044225 8<u>6</u> 99 Papi_Cytisus_filipes_1044224 Papi_Lup015927.1 Papi_Genista_sagittalis_1058406 ·Papi_Genista_sagittalis_1058410 97 Papi_Lup020747.1 Papi_Bolusanthus_speciosus_1033642 Papi_Aradu.H8JCF.1 Papi_Araip.X5Q84.1 Papi_Nissc524204S25524_NISSC 99 Papi_Luetzelburgia_bahiensis_1026178 Papi_Luetzelburgia_bahiensis_1026176 6<u>6</u> Papi_Marina_parryi_1029377 -Papi_Marina_parryi_1029374 -Papi_Marina_parryi_1029376 Papi_Dipteryx_odorata_1035451 99 Papi_Dipteryx_odorata_1035454 Papi_Cladrastis_platycarpa_1040316 90 Papi_Cladrastis_platycarpa_1040314 8<u>9</u> 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Papi_Cullen_corylifolia_1016719 ·Papi_Glyma.08G289100.1 9<u>7</u> Papi_Otholobium_arborescens_1029302 Papi_Cullen_corylifolia_1016722 96 Papi_Cajanus_020233672.1 -Papi_Cajanus_020233671.1 Papi_Cajanus_029130285.1 Papi_Vang0033ss00440.1 Papi_Vradi0073s00170.1 9<u>9</u> Papi_Vang0033ss00430.1 Papi_Phvul.003G053300.3 ·Papi_Vradi0073s00190.1 Papi_Vang0033ss00450.1 Papi_Aganope_thyrsiflora_1039895 ·Papi_Aganope_thyrsiflora_1012539 -Papi_Tp57577_TGAC_v2_mRNA33033 *Papi_Medtr8g063690.1* □ -Papi_Psat4g127600.2 ·Papi_Psat4g127600.1 Papi_Ca_28110 ·Papi_Ca_14515 -Papi_Ca_14512 95 ·Papi_Colutea_arborescens_1029549 ·Papi_Colutea_arborescens_1030184 Papi_Astragalus_lentiginosus_1041934 9<u>7</u> <u>96</u> Papi_Astragalus_lentiginosus_1041936 Papi_Tibetia_himalaica_1035840 Papi_Tibetia_himalaica_1035839 Papi_Colutea_arborescens_1015644 96 Papi_Astragalus_lentiginosus_1052424 6<u>9</u> ·Papi_Hypocalyptus_sophoroides_1002793 Papi_Aradu.Z2U93.1 Papi_Araip.8F4YI.1 Papi_Nissc2652S19611_NISSC 86 ·Papi_Marina_parryi_1029378 -Papi_Marina_parryi_1029375 70 Papi_Erinacea_anthyllis_1156315 Papi_Erinacea_anthyllis_1156316 Papi_Lup031243.1 9<u>2</u> 8<u>5</u> Papi_Bolusanthus_speciosus_1033643 Papi_Luetzelburgia_bahiensis_1026177 Papi_Dipteryx_odorata_1035446 -Papi_Dipteryx_odorata_1035447 48 59 Papi_Dipteryx_odorata_1035455 Papi_Dipteryx_odorata_1035457 Papi_Trischidium_molle_1000159 92 Papi_Trischidium_molle_1027182 Caes_Senegalia_rugata_1040100 Caes_Senegalia_rugata_1040096 7<u>7</u> 6<u>3</u> Caes_Senegalia_rugata_1040098 Caes_Senegalia_rugata_1040095 Caes_Senegalia_rugata_1040097 Caes_Prosopis_028898584.1 Caes_Parkia_timoriana_1017989 Caes_Mimpu12114S14506_MIMPU Caes_Senegalia_rugata_1028780 Caes_Senegalia_rugata_1028779 Caes_Parkia_timoriana_1017990 Caes_Moullava_spicata_1021578 Caes_Moullava_spicata_1021576 Caes_Moullava_spicata_1021577 Caes_Moullava_spicata_1021579 9<u>4</u> Caes_Moullava_spicata_1021575 Caes_Chafa1071S13890_CHAFA Caes_Gleditsia_japonica_1023711 99 88 Caes_Umtiza_listeriana_1042553 Caes_Gleditsia_japonica_1023712 Caes_Gleditsia_japonica_1023713 Caes_Gleditsia_japonica_1023710 93 Caes_Umtiza_listeriana_1042549 Caes_Umtiza_listeriana_1042542 Caes_Umtiza_listeriana_1042547 Cerc_Cheniella_corymbosa_1044670 Cerc_Cheniella_corymbosa_1044669 Cerc_Cheniella_corymbosa_1044671 58 Cerc_Cheniella_corymbosa_1044668 Cerc_Adenolobus_garipensis_1104181 Cerc_Bauhva.DN25266_c1_g3_i4 Cerc_Cerca76S29385_CERCA Cerc_Adenolobus_garipensis_1104178 Caes_Parkia_timoriana_1035942 Caes_Parkia_timoriana_1033403 26 Caes_Senegalia_rugata_1048895 Caes_Parkia_timoriana_1033469 Caes_Senegalia_rugata_1045195 Caes_Moullava_spicata_1031340 Caes_Moullava_spicata_1030389 27 Caes_Chafa7348S26364_CHAFA Caes_Moullava_spicata_1021582 Caes_Moullava_spicata_1021581 98 Caes_Moullava_spicata_1021580 Caes_Umtiza_listeriana_1042551 Caes_Umtiza_listeriana_1042555 Caes_Umtiza_listeriana_1042554 Caes_Umtiza_listeriana_1042556 95 Caes_Umtiza_listeriana_1042545 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