G968_GTRGAMMA_ML_tree Papi_Phvul.011G132000.1 Papi_Phvul.011G131200.1 Papi_Phvul.011G133600.1 -Papi_Phvul.011G131901.1 Papi_Phvul.011G132900.1 -Papi_Vang0155s00330.1 ^{_}∟Papi_Vang0522s00070.1 9<u>8</u> Papi_Vang0155s00320.1 −Papi_Phvul.011G134100.1 -Papi_Phvul.011G133300.1 Papi_Phvul.011G130800.1 Papi_Vang0155s00250.1 Papi_Phvul.011G133200.1 9<u>7</u> Papi_Phvul.011G130900.1 Papi_Phvul.011G134000.1 Papi_Vang0155s00310.1 Papi_Otholobium_arborescens_1040645 -Papi_Phvul.011G132800.1 91 -Papi Phvul.011G132100.1 Papi Phvul.011G131400.1 -Papi_Vang0155s00380.1 Papi_Vradi0149s00040.1 -Papi_Glyma.06G279900.1 └*Papi_Glyma.06G279100.1* Papi_Glyma.06G278000.1 Papi_Glyma.06G283100.1 -Papi_Glyma.12G127300.1 -Papi_Glyma.12G123500.1 90 -Papi_Otholobium_arborescens_1021144 5<u>8</u> -Papi_Otholobium_arborescens_1021143 90 Papi_Otholobium_arborescens_1021146 -Papi_Otholobium_arborescens_1021147 Papi_Otholobium_arborescens_1021145 -Papi_Glyma.U044800.1 90 Papi_Glyma.12G127200.1 −*Papi_Glyma.U045*200.1 -Papi_Glyma.12G123600.1 4<u>8</u> -Papi_Glyma.06G283000.1 53 Papi_Glyma.15G225000.1 9<u>2</u> -Papi_Glyma.06G279200.1 └*Papi_Glyma.*06G278200.1 -Papi_Cajanus_020233040.1 *└* Papi_Cajanus_020233033.1 8<u>3</u> Papi_Cajanus_020236371.1 97 -Papi_Cajanus_020236365.1 92 Papi_Cajanus_020236372.1 9<u>7</u> -Papi_Cajanus_020233004.1 └*Papi_Cajanus_020233024.1* 60 -Papi_Cajanus_029130202.1 5<u>6</u> └*Papi_Cajanus_020233044.1* -Papi_Cajanus_020236366.1 Papi_Canavalia_gladiata_1020569 Papi_Wisteriopsis_reticulata_1003067 -Papi_Jacksonia_scoparia_1028086 Papi_Wisteriopsis_reticulata_1003068 -Papi_Medtr4g079770.1 -Papi_Medtr4g079470.1 Papi_Medtr4g079800.1 97 -*Papi_Tp57577_TGAC_v2_mRNA30403* ·Papi_Tp57577_TGAC_v2_mRNA29494 ·Papi_Tp57577_TGAC_v2_mRNA4821 -Papi_Tp57577_TGAC_v2_mRNA33390 Papi_Tp57577_TGAC_v2_mRNA24499 7<u>6</u> Papi_Medtr4g047610.1 8<u>6</u> Papi_Medtr4g107930.1 Papi_Psat0s3589g0040.1 9<u>9</u> Papi_Psat7g165760.1 99 Papi_Psat0s3496g0080.1 Papi_Psat0s4087g0080.1 Papi_Psat2g153200.1 -Papi_Ca_19867 9<u>6</u> ·Papi_Ca_19868 <u>69</u> Papi_Ca_19864 -Papi_Tp57577_TGAC_v2_mRNA10911 -Papi_Medtr5g022560.1 -Papi_Lj0g3v0178109.1 6<u>8</u> -Papi_Lj3g3v1641950.1 Papi_Lj3g3v1642060.1 9<u>5</u> Papi_Astragalus_lentiginosus_1021720 94 Papi_Astragalus_lentiginosus_1057984 Papi_Tibetia_himalaica_1000288 Papi_Marina_parryi_1002804 ·Papi_Tp57577_TGAC_v2_mRNA16587 94 __Papi_Medtr2g075830.1 9<u>5</u> -Papi_Ca_12911 Papi_Tibetia_himalaica_1025539 86 -Papi_Astragalus_lentiginosus_1006867 •Papi_Astragalus_lentiginosus_1006866 Papi_Luetzelburgia_bahiensis_1030587 -Papi_Hypocalyptus_sophoroides_1026442 Papi_Hypocalyptus_sophoroides_1026437 -Papi_Genista_sagittalis_1025778 └─Papi_Genista_sagittalis_1025780 Papi_Genista_sagittalis_1025779 Papi_Lup002999.1 Papi_Bolusanthus_speciosus_1000167 -Papi_Lup011670.1 ·Papi_Lup023183.1 98 -Papi_Araip.V33EY.1 └─Papi_Aradu.MDC65.1 98 Papi_Araip.SIY5C.1 9<u>8</u> Papi_Nissc524862S27895_NISSC Papi_Bolusanthus_speciosus_1000166 Papi_Canavalia_gladiata_1020571 ·Dial_Poeppigia_procera_Ge_1008544 Caes_Acacia_pycnantha_1117226 ·Caes_Senegalia_rugata_1000966 Caes_Senegalia_rugata_1001744 -Caes_Prosopis_028896815.1 └Caes_Prosopis_028896805.1 8<u>7</u> Caes_Prosopis_028896816.1 Caes_Mimpu2027S19442_MIMPU 9<u>1</u> Caes_Mimpu5029S25015_MIMPU Caes_Mimpu5029S10920_MIMPU ·Caes_Mimpu27386S09158_MIMPU ^LCaes_Mimpu5029S25014_MIMPU Caes_Mimpu5957S32328_MIMPU -Caes_Parkia_timoriana_1030178 Caes_Mimpu8450S27880_MIMPU Caes_Prosopis_028905905.1 -Caes_Chafa9925S05786_CHAFA -Caes_Chafa9925S31004_CHAFA Caes_Chafa463S23126_CHAFA 5<u>9</u> Caes_Chafa9925S31003_CHAFA ·Caes_Chafa5283S03370_CHAFA Caes_Chafa9925S13365_CHAFA Caes_Chafa1866S17473_CHAFA ·Cerc_Cerca4S03660_CERCA Cerc_Cerca4S25938_CERCA Cerc_Cerca4S25819_CERCA Cerc_Cerca4S25807_CERCA 3<u>4</u> 9<u>9</u> ·Cerc_Cerca229S18435_CERCA Cerc_Cerca296S02282_CERCA 9<u>9</u> Cerc_Cerca743S10762_CERCA ·Cerc_Cerca434S24445_CERCA Cerc_Cerca17S06428_CERCA Cerc_Cerca139S00615_CERCA Caes_Ceratonia_siliqua_1027780 Caes_Gleditsia_japonica_1001424 -Papi_Cullen_corylifolia_1000103 -Papi_Cullen_corylifolia_1000102 -Papi_Glyma.12G077202.1 └*Papi_Glyma.11G144*900.1 -Papi_Vradi02g05960.1 └*-*Papi_Vang10g03560.1 Papi_Phvul.011G081100.1 Papi_Cajanus_020214048.1 -Papi_Cajanus_020215269.1 └*Papi_Cajanus_020215050.1* 8<u>9</u> Papi_Glyma.12G077100.1 -Papi_Colutea_arborescens_1029560 -Papi_Astragalus_lentiginosus_1003267 8<u>9</u> -Papi_Tp57577_TGAC_v2_mRNA6379 92 ·Papi_Ca_17491 -Papi_Genista_sagittalis_1015521 Papi_Genista_sagittalis_1015525 Papi_Bolusanthus_speciosus_1045718 -Papi_Lj1g3v4047190.1 *□Papi_Lj1g3v4047270.1* -Papi_Lj0g3v0300649.1 -Papi_Lj1g3v4047250.1 -Papi_Lj0g3v0300659.1 9<u>9</u> └*Papi_Lj1g3v4047240.1* -Papi_Lj1g3v4047290.1 8<u>9</u> 98 -Papi_Hippocrepis_comosa_1009120 -Papi_Hippocrepis_comosa_1009122 Papi_Hippocrepis_comosa_1009119 Papi_Hippocrepis_comosa_1009121 -Papi_Genista_sagittalis_1031432 └-Papi_Genista_sagittalis_1001542 92 9<u>8</u> Papi_Cytisus_filipes_1002882 Papi_Nissc165441S15889_NISSC ·Papi_Nissc4542S23877_NISSC Papi_Nissc14013S14609_NISSC Papi_Nissc647S29755_NISSC 9<u>7</u> 40 -Papi_Nissc4398S08933_NISSC 88 Papi_Nissc165441S06169_NISSC -Papi_Aradu.A16D8.1 Papi_Araip.X6F7N.1 -Caes_Chafa9925S13367_CHAFA Caes_Mimpu8450S27876_MIMPU Papi_Glyma.06G272800.1 -Papi_Glyma.06G275100.1 Papi_Glyma.06G273700.1 −Papi_Cajanus_020215875.1 └*Papi_Cajanus_020215600.1* 96 -Papi_Spatholobus_suberectus_1040675 -Papi_Glyma.06G272900.2 └*Papi_Glyma.*06G273600.1 95 Papi_Glyma.12G130500.1 Papi_Vang0038s00480.1 8<u>6</u> *└-Papi_Vang0038s00380.1* Papi_Vradi02g09780.1 -Papi_Phvul.011G127400.1 -Papi_Phvul.011G127100.1 9<u>8</u> -Papi_Otholobium_arborescens_1044512 └*Papi_Glyma.*12G131200.1 Papi_Cajanus_020215772.1 1<u>8</u> Papi_Apios.43359 -Papi_Vang0038s00460.1 └*-*Papi_Vradi02g09690.1 9<u>5</u> Papi_Phvul.011G127300.1 46 -Papi_Glyma.06G275300.1 Papi_Spatholobus_suberectus_1034059 Papi_Aganope_thyrsiflora_1032697 -Papi_Aganope_thyrsiflora_1035836 Papi_Psat7g164480.1 -Papi_Medtr4g080360.1 ·Papi_Ca_16328 -Papi_Colutea_arborescens_1031223 -Papi_Astragalus_lentiginosus_1004875 67 ·Papi_Colutea_arborescens_1026480 -Papi_Araip.FY58Y.1 Papi_Aradu.22UP8.1 Papi_Aradu.VQ6B4.1 Papi_Araip.VQB27.1 Papi_Castanospermum_australe_1019046 -Papi_Castanospermum_australe_1019045 91 Papi_Castanospermum_australe_1019044 Papi_Myroxylon_toluiferum_1041298 -Papi_Araip.D3HLX.1 -Papi_Araip.R8A5S.1 Papi_Aradu.39755.1 9<u>9</u> Papi_Nissc2721S07611_NISSC 8<u>1</u> -Papi_Psat5g250600.1 LPapi_Medtr2g083930.1 82 Papi_Ca_06986 Papi_Wisteriopsis_reticulata_1042994 87 Papi_Canavalia_gladiata_1001415 Papi_Luetzelburgia_bahiensis_1005204 9<u>3</u> -Papi_Dipteryx_odorata_1039345 9<u>9</u> Papi_Dipteryx_odorata_1039344 76 5<u>7</u> -Papi_Cytisus_filipes_1005503 85 -Papi_Bolusanthus_speciosus_1045488 Papi_Dipteryx_odorata_1052368 8<u>7</u> 93 -Papi_Castanospermum_australe_1006373 Papi_Castanospermum_australe_1006275 -Dial_Poeppigia_procera_Ge_1024893 -Dial_Dialium_schlechteri_1037955 99 ·Dial_Dialium_schlechteri_1000952 Papi_Castanospermum_australe_1065258 Papi_Glyma.06G273500.1 └*-Papi_Glyma.06G273200.2* Papi_Glyma.06G273800.1 -Papi_Vradi0377s00060.1 └*Papi_Vang0038s00320.1* 4<u>6</u> -Papi_Glyma.06G272600.1 └-Papi_Glyma.06G274100.1 4<u>8</u> Papi_Glyma.12G131466.1 Papi_Glyma.12G131532.1 -Papi_Cajanus_020209927.1 9<u>1</u> -Papi_Cajanus_020215690.1 -Papi_Vang0038s00140.1 -Papi_Vang0038s00240.1 └─Papi_Vradi0377s00010.1 -Papi_Phvul.011G126700.1 9<u>6</u> -Papi_Medtr4g080730.1 -Papi_Medtr4g080700.1 Papi_Tp57577_TGAC_v2_mRNA7313 8<u>2</u> 97 ·Papi_Ca_16330 -Papi_Lj0g3v0000069.1 -Papi_Luetzelburgia_bahiensis_1010178 └─Papi_Luetzelburgia_bahiensis_1010177 9<u>4</u> 9<u>1</u> Papi_Nissc16413S06162_NISSC -Papi_Araip.TA0RC.1 └Papi_Aradu.294CY.1 Papi_Aradu.QL1QR.1 80 −Papi_Araip.6Q6V5.1 ·Papi_Aradu.Q0XNV.1 -Caes_Moullava_spicata_1031708 -Dial_Poeppigia_procera_Ge_1008801 Cerc_Cerca4S25942_CERCA 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Quil_Quillaja_saponaria_1022688

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