OG_104045

★Interspecific gene duplication event

Glycine max lcl\NC 038255.2 cds XP 014627548.1 70474 Glycine_max_lcl\NC_038255.2_cds_XP_014627547.1_70473 Glycine_max_lcl\NC_038255.2_cds_XP_014627546.1_70472 Glycine_max_lcl\NC_038255.2_cds_XP_014627545.1_70471 Glycine_max_lcl\NC_038255.2_cds_XP_014627549.1_70475 ¹ Glycine_max_lcl\NC_038255.2_cds_XP_014627552.1_70476 Glycine_max_lcl\NC_016090.4_cds_XP_014629538.1_10730 Phaseolus_vulgaris_Phvul.006G112000.2 1 Phaseolus_vulgaris_Phvul.006G112000.1 Medicago_truncatula_lcl\NC_053048.1_cds_XP_024625317.1_37026 Medicago_truncatula_lcl\NC_053048.1_cds_XP_003626565.1_37028 ¹ Medicago_truncatula_lcl\NC_053048.1_cds_XP_024625318.1_37027 Arachis_hypogaea_lcl\NC_037623.1_cds_XP_025603398.1_25905 Arachis_hypogaea_lcl\NC_037623.1_cds_XP_025603402.1_25909 Arachis_hypogaea_lcl\NC_037623.1_cds_XP_025603399.1_25906 Arachis hypogaea |cl|NC_037623.1 cds XP_025603401.1 25908 Arachis_hypogaea_lcl\NC_037623.1_cds_XP_025603400.1_25907 Arachis_duranensis_lcl\NC_029777.2_cds_XP_015968378.1_28362 1 Arachis_duranensis_lcl\NC_029777.2_cds_XP_015968376.1_28360 Arachis_duranensis_lcl\NC_029777.2_cds_XP_015968377.1_28361 Arachis_duranensis_lcl\NC_029777.2_cds_XP_020981837.1_28363 Arachis_hypogaea_lcl\NC_037633.1_cds_XP_025662899.1_76523 Arachis_hypogaea_lcl\NC_037633.1_cds_XP_025662901.1_76524 Arachis_ipaensis_lcl\NC_029790.2_cds_XP_020959832.1_31748 Glycine_max_lcl\NC_038243.2_cds_XP_003529894.1_22960 Phaseolus_vulgaris_Phvul.010G112600.1 Cercis chinensis GWHTBHAK031079 Arabidopsis_thaliana_AT3G61680.1 Prunus_persica_Prupe.2G186100.1 Prunus_persica_Prupe.2G186100.2 Prunus_persica_Prupe.6G288500.1 - Cucumis sativus Cucsa.078950.1\PACid16956160 Populus_trichocarpa_Potri.014G097200.5 Populus_trichocarpa_Potri.014G097200.4 Populus_trichocarpa_Potri.014G097200.2
Populus_trichocarpa_Potri.002G169600.2 r Helianthus annuus HanXRQChr06q0170641 1 Helianthus annuus HanXRQChr04g0120241 1 Mimulus_guttatus_Migut.N01554.1 ── Solanum_lycopersicum_Solyc01g095720 ¹└─ Coffea canephora lcl\HG974429.1 cds CDP08695.1 9523 ┌ Actinidia chinensis Actinidia20221.t1 ¹ Actinidia chinensis Actinidia10118.t1 └ Vitis vinifera VIT 215s0046q01040.1 Aquilegia_coerulea_Aqcoe7G013300.1 Aquilegia_coerulea_Aqcoe7G013300.2 Gryza_sativa_LOC_Os01g43140.1 1- Brachypodium distachyon Bradi2g43730.1 - Amborella trichopoda AmTrH1.01G075300.1 Liriodendron tulipifera Litul.03G220900.1

Glycine max Glycine_max Glycine_max Glycine_max Glycine max Glycine max Glycine_max Phaseolus_vulgaris Phaseolus_vulgaris Medicago_truncatula Medicago_truncatula Medicago_truncatula Arachis_hypogaea Arachis_hypogaea Arachis_hypogaea Arachis_hypogaea Arachis hypogaea Arachis duranensis Arachis_duranensis Arachis duranensis Arachis_duranensis Arachis hypogaea Arachis_hypogaea Arachis_ipaensis Glycine_max Phaseolus vulgaris Cercis chinensis Arabidopsis_thaliana Prunus_persica Prunus_persica Prunus persica Cucumis sativus Populus_trichocarpa Populus_trichocarpa Populus trichocarpa Populus trichocarpa Helianthus annuus Helianthus annuus Mimulus guttatus Solanum lycopersicum Coffea canephora Actinidia chinensis Actinidia chinensis Vitis vinifera Oryza sativa Brachypodium distachyon Amborella trichopoda Liriodendron tulipifera

Fabaceae Brassicaceae Rosaceae Rosaceae Rosaceae Salicaceae Salicaceae Salicaceae Salicaceae Asteraceae *Asteraceae* Phrymaceae Solanaceae Rubiaceae Actinidiaceae Actinidiaceae Vitaceae Ranunculaceae Ranunculaceae Poaceae Poaceae Amborellaceae Lauraceae Magnoliaceae

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