OG_104066

★Interspecific gene duplication event

| Liriodendron_tulipifera_Litul.18G009900.1 Liriodendron_tulipifera_Litul.18G009900.2 Liriodendron_tulipifera_Litul.18G009900.3 Cinnamomum_kanehirae_CKAN_00037000 Aquilegia_coerulea_Aqcoe7G039200.1 Vitis_vinifera_VIT_215s0046g03520.1 Populus_trichocarpa_Potri.014G080500.4 Populus_trichocarpa_Potri.014G080500.4 Populus_trichocarpa_Potri.014G080500.1 Prunus_persica_Prupe.2G162400.1 Solanum_lycopersicum_Solyc05g046340 Coffea_canephora_lc HG974429.1_cds_CDP08856.1_9362 Helianthus_annuus_HanXRQChr06g0169891 1 Helianthus_annuus_HanXRQChr06g0169891 1 Helianthus_annuus_HanXRQChr04g0121661 Actinidia_chinensis_Actinidia09997.t1 Cucumis_sativus_Cucsa.022960.2 PACid16951951 Cucumis_sativus_Cucsa.022960.2 PACid16951954 Cucumis_sativus_Cucsa.022960.1 PACid16951951 Cucumis_sativus_Cucsa.022950.1 PACid16951951 Cucumis_sativus_Cucsa.022950.1 PACid16951951 Arachis_ipaensis_lc NC_029788.2_cds_XP_020977391.1_21925 Arachis_ipaensis_lc NC_029788.2_cds_XP_020977391.1_21925 Arachis_ipaensis_lc NC_029788.2_cds_XP_020977391.1_21925 Arachis_ipaensis_lc NC_029788.2_cds_XP_020977391.1_21926 Arachis_ipaensis_lc NC_029788.2_cds_XP_020977391.1_21926 Arachis_ipaensis_lc NC_029788.2_cds_XP_020977391.1_21926 Arachis_ipaensis_lc NC_029788.2_cds_XP_020977391.1_21926 Arachis_ipaensis_lc NC_029774.2_cds_XP_025687655.1_10866 Arachis_duranensis_lc NC_029774.2_cds_XP_025687655.1_10866 Arachis_hypogaea_lc NC_037620.1_cds_XP_025687655.1_10866 Arachis_hypogaea_lc NC_037620.1_cds_XP_025687656.1_10867 Arachis_hypogaea_lc NC_037630.1_cds_XP_025687656.1_10867 Arachis_hypogaea_lc NC_037630.1_cds_XP_025687430.1_58930 Arachis_hypogaea_lc NC_037630.1_cds_XP_025687430.1_58931 Glycine_max_lc NC_038254.2_cds_XP_005601866.1_66225 Glycine_max_lc NC_038254.2_cds_XP_005601866.1_66225 Glycine_max_lc NC_038254.2_cds_XP_005601866.1_66225 Glycine_max_lc NC_038254.2_cds_XP_005601866.1_66225 Glycine_max_lc NC_038254.2_cds_XP_005601866.1_66225 Glycine_max_lc NC_038254.2_cds_XP_005601866.1_66225 Glycine_max_lc NC_036261.0_1 Arachis_hypogaea_lc NC_037630.1_c |
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| Oryza_sativa_LOC_Os04g58580.1 |
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| |
| — Marchantia_polymorpha_Mapoly0004s0121.1 |
| — Chlamydomonas_reinhardtii_Cre14.g626900.t1.2 |
| —— Dunaliella_salina_Dusal.0091s00023.1 |
| |

Liriodendron tulipifera Liriodendron_tulipifera Liriodendron_tulipifera Vitis vinifera Populus_trichocarpa Populus_trichocarpa Populus_trichocarpa Prunus persica Solanum_lycopersicum Solanum_lycopersicum Solanum lycopersicum Coffea_canephora Helianthus annuus Helianthus annuus Actinidia chinensis Cucumis sativus Cucumis_sativus Cucumis sativus Cucumis sativus Arabidopsis thaliana Arachis_hypogaea Arachis_ipaensis Arachis_ipaensis Arachis ipaensis Arachis_duranensis Arachis_hypogaea Arachis_duranensis Arachis_hypogaea Arachis hypogaea Arachis_duranensis Arachis_hypogaea Arachis_hypogaea Glycine max Glycine max Glycine max Phaseolus_vulgaris Medicago truncatula Cercis chinensis Nymphaea_colorata Nymphaea colorata Nymphaea colorata Amborella trichopoda Ginkgo biloba Oryza sativa Brachypodium_distachyon Ceratopteris richardii Marchantia polymorpha Chlamydomonas reinhardtii Dunaliella salina

Magnoliaceae Magnoliaceae Magnoliaceae Lauraceae Ranunculaceae Vitaceae Salicaceae Salicaceae Salicaceae Rosaceae Solanaceae Solanaceae Solanaceae Rubiaceae Asteraceae Asteraceae Actinidiaceae Brassicaceae Fabaceae Nymphaeaceae Nymphaeaceae Nymphaeaceae *Amborellaceae* Ginkgoaceae Poaceae Poaceae Marchantiaceae Chlamydomonadaceae Dunaliellaceae

Magnoliales Magnoliales Magnoliales Laurales Ranunculales Vitales Malpighiales Malpighiales Malpighiales Solanales Solanales Solanales Gentianales **Asterales Asterales** Ericales Brassicales **Fabales Fabales Fabales Fabales** Fabales **Fabales Fabales** Fabales **Fabales** Fabales **Fabales Fabales Fabales** Fabales Fabales Fabales Fabales Fabales Nymphaeales Nymphaeales Nymphaeales *Amborellales* Ginkgoales Poales Poales Salviniales Marchantiales Chlamydomonadales

Chlamydomonadales