OG_104072

★Interspecific gene duplication event

Arachis_hypogaea_lcl\NC_037632.1_cds_XP_025657268.1_74680 Arachis_ipaensis_lcl\NC_029789.2_cds_XP_020959090.1_29849 Arachis_ipaensis_lcl\\\\NC_029789.2_cds_XP_016204579.1_29852 Arachis_ipaensis_lcl\NC_029789.2_cds_XP_020959091.1_29850 Arachis_hypogaea_lcl\NC_037632.1_cds_XP_025657269.1_74681 Arachis_hypogaea_lcl\NC_037632.1_cds_XP_025657270.1_74682 1 Arachis_ipaensis_lcl\NC_029789.2_cds_XP_020959092.1_29851 Arachis_hypogaea_lcl\NC_037632.1_cds_XP_025657272.1_74684 Arachis_ipaensis_lcl\NC_029789.2_cds_XP_020959094.1_29854 Arachis_hypogaea_lcl\NC_037632.1_cds_XP_025657271.1_74683 Arachis_hypogaea_lcl\NC_037622.1_cds_XP_025702433.1_25551 Arachis_hypogaea_lcl\NC_037622.1_cds_XP_025702432.1_25549 Arachis_hypogaea_lcl\NC_037622.1_cds_XP_025702431.1_25548 Arachis_hypogaea_lcl\NC_037622.1_cds_XP_025702436.1_25552 Arachis_hypogaea_lcl\NC_037622.1_cds_XP_025702435.1_25550 Arachis_duranensis_lcl\NC_029776.2_cds_XP_015967831.1_27978 Glycine_max_lcl\NC_016091.4_cds_XP_003522597.1_14277 1 Phaseolus_vulgaris_Phvul.005G002000.1 ¹ Medicago_truncatula_lcl\NC_053044.1_cds_XP_003598062.2_11136 Cercis_chinensis_GWHTBHAK020553 Prunus_persica_Prupe.1G555900.3 Prunus_persica_Prupe.1G555900.1 Prunus_persica_Prupe.1G555900.2 Prunus_persica_Prupe.1G555900.4 ¹ Prunus persica Prupe.1G555900.5 Cucumis sativus Cucsa. 365930.1 | PACid16981486 Coffea_canephora_lcl\HG974437.1_cds_CDP10733.1_3145 1 Solanum_lycopersicum_Solyc04g045660 Mimulus_guttatus_Migut.C01329.1 ¹ Helianthus annuus_HanXRQChr09g0266431 1 → Arabidopsis_thaliana_AT4G09140.1 Aquilegia_coerulea_Aqcoe6G011900.1 ¹ Aguilegia coerulea Agcoe6G011900.2 Liriodendron tulipifera Litul.02G130400.1 Liriodendron tulipifera Litul.02G130400.2 Brachypodium distachyon Bradi2g61370.2 ¹ Brachypodium distachyon Bradi2g61370.1 Brachypodium distachyon Bradi2g61370.4 Oryza_sativa_LOC_Os01g72880.1 Asparagus officinalis evm.model.AsparagusV1 09.303 Nymphaea colorata Nycol.M00707.1 1 Nymphaea_colorata_Nycol.M00707.3 Nymphaea_colorata_Nycol.M00707.2 Amborella trichopoda AmTrH1.11G121600.1 Marchantia polymorpha Mapoly0086s0067.1 ¹ Marchantia polymorpha Mapoly0086s0067.2 Ceratopteris richardii Ceric.1Z069400.1 Ginkgo biloba evm.model.chr7.1245

Arachis hypogaea Arachis_ipaensis Arachis_ipaensis Arachis ipaensis Arachis hypogaea Arachis hypogaea Arachis_ipaensis Arachis hypogaea Arachis_ipaensis Arachis ipaensis Arachis_hypogaea Arachis_hypogaea Arachis_hypogaea Arachis_hypogaea Arachis_hypogaea Arachis_hypogaea Arachis duranensis Glycine max Phaseolus_vulgaris Medicago truncatula Cercis_chinensis Prunus persica Prunus persica Prunus_persica Prunus_persica Prunus persica Cucumis sativus Coffea canephora Solanum_lycopersicum Mimulus_guttatus Helianthus annuus Populus trichocarpa Arabidopsis_thaliana Liriodendron tulipifera Liriodendron_tulipifera Brachypodium distachyon Brachypodium distachyon Brachypodium distachyon Oryza sativa Asparagus officinalis Nymphaea colorata Nymphaea colorata Nymphaea colorata Amborella trichopoda Marchantia polymorpha Marchantia polymorpha Ceratopteris richardii Ginkgo biloba

Fabaceae Rosaceae Rosaceae Rosaceae Rosaceae Rosaceae Rubiaceae Solanaceae Phrymaceae Asteraceae Salicaceae Brassicaceae Ranunculaceae Ranunculaceae Magnoliaceae Magnoliaceae Lauraceae Poaceae Poaceae Poaceae Poaceae Asparagaceae Nymphaeaceae Nymphaeaceae Nymphaeaceae Amborellaceae *Marchantiaceae* Marchantiaceae Ginkgoaceae

Fabales **Fabales** Fabales Fabales Gentianales Solanales Lamiales **Asterales** Malpighiales Brassicales Ranunculales Ranunculales Magnoliales Magnoliales Laurales Poales Poales Poales Poales Asparagales Nymphaeales Nymphaeales Nymphaeales Amborellales Marchantiales Marchantiales Salviniales Ginkgoales