## OG\_104037

## ★Interspecific gene duplication event

Arachis_hypogaea_lcl\NC_037630.1_cds_XP_025642424.1_57732
★ <sup>1</sup> Arachis_ipaensis_lcl\NC_029787.2_cds_XP_016186919.1_11367
Arachis_hypogaea_lcl\NC_037620.1_cds_XP_025686677.1_9777
Arachis_duranensis_lcl\NC_029774.2_cds_XP_015951940.1_1055
Arachis_hypogaea_lcl\NC_037629.1_cds_XP_025632295.1_52997
* 1 Arachis_ipaensis_lcl\NC_029786.2_cds_XP_016182890.1_6444
1   Arachis_hypogaea_lcl\NC_037630.1_cds_XP_025642425.1_57731
★¹ Arachis_ipaensis_lcl\NC_029787.2_cds_XP_016186920.1_11366
1   Arachis_duranensis_lcl\NC_029774.2_cds_XP_015951941.1_10555
<sup>1</sup> Arachis_hypogaea_lcl\NC_037620.1_cds_XP_025686678.1_9778
1 L Phaseolus_vulgaris_Phvul.011G038400.1
<sup>1</sup> Glycine_max_lcl\NC_038248.2_cds_NP_001240166.1_42767
1 Medicago_truncatula_lcl\NC_053045.1_cds_XP_003607080.1_19999
Cercis_chinensis_GWHTBHAK026990
Prunus_persica_Prupe.2G061100.1
Prunus_persica_Prupe.2G061100.2
1 Populus trichocarpa Potri 009G125100 1
Arabidopsis_thaliana_AT2G21260.1
1 Arabidopsis_thaliana_AT2G21250.1
1   Prunus_persica_Prupe.8G083400.1
1 Prunus_persica_Prupe.8G083400.2
1 Cucumis_sativus_Cucsa.382230.1 PACid16982305
L1 Cucumis_sativus_Cucsa.170090.1\PACid16966449
Tuesday of the culture of the cultur
Helianthus_annuus_HanXRQChr17g0558611
Helianthus_annuus_HanXRQChr17g0534371
Helianthus_annuus_HanXRQChr17g0558061
Vitis_vinifera_VIT_203s0038g00800.2
<sup>1</sup>   <sub>_</sub> Actinidia_chinensis_Actinidia02249.t1
Actinidia_chinensis_Actinidia27855.t1
<sup>1</sup>     Solanum_lycopersicum_Solyc01g110450
1 Coffea_canephora_lcl\HG739901.1_cds_CDP19989.1_23929
Aquilegia_coerulea_Aqcoe6G245700.1
Aquilegia coerulea Agcoe6G245700.2
Aguilegia coerulea Agcoe2G118100.1
Aquilegia_coerulea_Aqcoe6G245600.1
Brachypodium_distachyon_Bradi3g02340.1
1 Oryza_sativa_LOC_OSUZYUS1UU.1
Asparagus_officinalis_evm.model.AsparagusV1_Unassigned.749
Liriodendron_tulipifera_Litul.02G070900.1
Cinnamomum_kanehirae_CKAN_02148400
1 <sup>∟</sup> Cinnamomum_kanehirae_CKAN_02148300
└─ Nymphaea_colorata_Nycol.B01601.1
— Amborella_trichopoda_AmTrH1.09G140300.1
_ Marchantia_polymorpha_Mapoly0086s0056.1
୍ମ <sup>1</sup> Marchantia_polymorpha_Mapoly0086s0056.3
Marchantia_polymorpha_Mapoly0086s0056.3  Marchantia_polymorpha_Mapoly0086s0056.2
Marchantia_polymorpha_Mapoly0198s0016.1
Ceratopteris_richardii_Ceric.06G069100.1
- Ginkgo_biloba_evm.model.chr4.1261

Arachis hypogaea Arachis\_ipaensis Arachis\_hypogaea Arachis duranensis Arachis hypogaea Arachis\_ipaensis Arachis\_hypogaea Arachis ipaensis *Arachis\_duranensis* Arachis\_hypogaea Phaseolus vulgaris Glycine\_max Medicago\_truncatula Cercis\_chinensis Prunus persica Prunus\_persica Populus trichocarpa Arabidopsis thaliana Arabidopsis\_thaliana Prunus\_persica Prunus\_persica Cucumis sativus Cucumis sativus Cucumis\_sativus Helianthus\_annuus Helianthus annuus Helianthus annuus Vitis vinifera Actinidia\_chinensis Actinidia\_chinensis Solanum lycopersicum Coffea canephora Coffea\_canephora Brachypodium distachyon Oryza sativa Asparagus officinalis Liriodendron tulipifera Nymphaea colorata Amborella trichopoda Marchantia polymorpha Marchantia polymorpha Marchantia polymorpha Marchantia polymorpha Ceratopteris richardii Ginkgo\_biloba

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

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