OG_104044

★Interspecific gene duplication event

Arachis_duranensis_lcl\NC_029777.2_cds_XP_015970904.1_31265

★ Arachis_hypogaea_lcl\NC_037623.1_cds_XP_025605613.1_28385 Arachis duranensis Arachis_hypogaea Arachis_duranensis_lcl\NC_029777.2_cds_XP_015970903.1_31264 Arachis_duranensis Arachis_hypogaea_lcl\NC_037623.1_cds_XP_025605612.1_28384 Arachis_hypogaea Arachis_hypogaea_lcl\NC_037633.1_cds_XP_025658297.1_77930

★1 Arachis_ipaensis_lcl\NC_029790.2_cds_XP_016161963.1_33376 Arachis hypogaea Arachis ipaensis Arachis_ipaensis_lcl\NC_029790.2_cds_XP_020960400.1_33377 Arachis_ipaensis Phaseolus_vulgaris_Phvul.001G105633.1 Phaseolus vulgaris Phaseolus_vulgaris_Phvul.001G105633.2 Phaseolus_vulgaris Glycine_max_lcl\NC_038255.2_cds_XP_014627189.2_68616 Glycine_max ¹ Glycine_max_lcl\NC_038252.2_cds_XP_040866759.1_57599 Glycine_max Medicago_truncatula_lcl\NC_053048.1_cds_XP_003624712.4_35023 Medicago_truncatula ¹ Medicago_truncatula_lcl\NC_053048.1_cds_XP_039683536.1_35024 Medicago_truncatula Cercis_chinensis_GWHTBHAK006691 Cercis_chinensis Cucumis sativus Cucsa.338110.1\PACid16978706 Cucumis sativus 1 Cucumis sativus Cucsa.338110.2\PACid16978707 Cucumis_sativus Prunus persica Prupe.7G014600.1 Prunus persica 1 Prunus persica Prupe.7G014600.2 Prunus persica Populus_trichocarpa_Potri.019G040100.13 Populus_trichocarpa ∏ Populus trichocarpa_Potri.019G040100.19 Populus trichocarpa Populus_trichocarpa_Potri.019G040100.17 Populus_trichocarpa Populus trichocarpa Potri.019G040100.14 Populus trichocarpa Populus_trichocarpa_Potri.019G040100.15 Populus trichocarpa Populus_trichocarpa_Potri.019G040100.18 Populus_trichocarpa Populus_trichocarpa_Potri.019G040100.18
Populus_trichocarpa_Potri.019G040100.16 Populus trichocarpa Populus trichocarpa Potri.019G040100.20 Populus trichocarpa Populus trichocarpa Potri.013G065700.2 Populus trichocarpa Populus_trichocarpa_Potri.013G065700.6 Populus_trichocarpa Populus_trichocarpa_Potri.013G065700.5 Populus_trichocarpa Populus_trichocarpa_Potri.013G065700.7 Populus trichocarpa - Arabidopsis_thaliana AT3G03710.1 Arabidopsis thaliana Vitis vinifera VIT 208s0056q01420.1 Vitis vinifera — Coffea_canephora_lcl\HG974433.1_cds_CDP17386.1_16771 Coffea_canephora Mimulus_guttatus_Migut.J01542.1 Mimulus_guttatus 1 ┌ Helianthus annuus HanXRQChr07g0196271 Helianthus annuus 1- Helianthus_annuus_HanXRQChr14g0453641 Helianthus annuus La Actinidia chinensis Actinidia 03921.t1 Actinidia chinensis - Aquilegia coerulea Agcoe1G062400.1 r Oryza sativa LOC Os07q07310.1 Oryza sativa ¹ Brachypodium_distachyon_Bradi1g56280.1 Liriodendron tulipifera Litul.05G020900.1 Liriodendron tulipifera Litul.05G020900.2 Liriodendron tulipifera Litul.05G020900.3 Nymphaea colorata Nycol.A01402.1 Nymphaea colorata ¹ Nymphaea colorata Nycol.A01402.2 Nymphaea colorata - Amborella trichopoda AmTrH1.03G204700.1 Ginkgo biloba evm.model.chr7.1544 Ginkgo biloba Ceratopteris richardii Ceric.07G039700.2 ¹ Ceratopteris richardii Ceric.07G039700.1 - Marchantia polymorpha Mapoly0041s0034.1

Brachypodium distachyon Liriodendron tulipifera Liriodendron tulipifera Liriodendron tulipifera Amborella trichopoda Ceratopteris richardii Ceratopteris richardii Marchantia polymorpha

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

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