## OG\_104042

## ★Interspecific gene duplication event

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Arachis_hypogaea_lcl\NC_037628.1_cds_XP_025626394.1_47512
             Arachis_ipaensis_lcl\NC_029785.2_cds_XP_016199682.1_403
            Arachis_duranensis_lcl\NC_029772.2_cds_XP_015949054.1_841
            Glycine_max_lcl\NC_038254.2_cds_XP_003552912.1_64145
Glycine_max_lcl\NC_038247.2_cds_XP_003537351.1_41413
         <sup>1</sup> Phaseolus_vulgaris_Phvul.006G078500.1
         Medicago_truncatula_lcl\NC_053044.1_cds_XP_013460447.1_13503
         Arachis_hypogaea_lcl\NC_037634.1_cds_XP_025666847.1_82262

Arachis_ipaensis_lcl\NC_029791.2_cds_XP_016167043.1_37515
         <sup>1</sup> Arachis_hypogaea_lcl\NC_037624.1_cds_XP_025609595.1_31643
         Glycine_max_lcl\NC_038250.2_cds_XP_003544931.1_53192
Glycine_max_lcl\NC_016089.4_cds_XP_025982111.1_6355
         1 Phaseolus_vulgaris_Phvul.008G247800.1
        Medicago truncatula_lcl\NC_053046.1_cds_XP_003616032.1_27361
       Cercis chinensis GWHTBHAK026618
       Populus trichocarpa Potri.013G156900.1
      Populus_trichocarpa_Potri.019G130000.1
     Prunus_persica_Prupe.6G041400.1
    Cucumis_sativus_Cucsa.118900.1|PACid16960901

    Arabidopsis thaliana AT1G06850.1

   Vitis_vinifera_VIT_206s0004g08070.1
         Solanum_lycopersicum_Solyc06q048630
      Solanum_lycopersicum_Solyc06g049040
      ─ Mimulus guttatus Migut.F00604.1
      1— Mimulus guttatus Migut.F01247.1
     Coffea canephora lcl\HG974429.1 cds CDP13910.1 6145
      ─ Helianthus_annuus_HanXRQChr07g0203701
     Helianthus_annuus_HanXRQChr08g0221531
    1 Helianthus_annuus_HanXRQChr09g0261991
     Actinidia chinensis Actinidia 13652.t1
      ¬ Prunus_persica_Prupe.2G263700.1
       Cucumis_sativus_Cucsa.143950.1\PACid16963851
    Cercis_chinensis_GWHTBHAK024689
     ─ Populus_trichocarpa_Potri.013G091400.1
    1 ← Arabidopsis thaliana AT2G40620.1
     Vitis_vinifera_VIT_213s0067g02900.1
Aquilegia_coerulea_Aqcoe1G404800.1
1 Aquilegia_coerulea_Aqcoe1G404800.2
Aquilegia_coerulea_Aqcoe2G074800.1
      — Nymphaea colorata Nycol.E01376.1
    <sup>1∟</sup> Nymphaea colorata Nycol.J01675.1

    Ginkgo biloba evm.model.chr1.2879

       Amborella trichopoda AmTrH1.08G134000.1
   Liriodendron tulipifera Litul. 15G015900.1
   <sup>1</sup> Liriodendron tulipifera Litul.15G015900.2
       Oryza_sativa_LOC_Os03g21800.1
   ★1 Brachypodium_distachyon_Bradi1g63170.1
  Oryza_sativa_LOC_Os07g48180.1
    Liriodendron tulipifera Litul.07G014500.1
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Arachis hypogaea Arachis\_ipaensis Arachis\_duranensis Arachis\_hypogaea Glycine max Glycine max Phaseolus\_vulgaris Medicago truncatula Arachis\_hypogaea Arachis ipaensis Arachis\_hypogaea Glycine\_max Glycine max Phaseolus\_vulgaris Medicago truncatula Cercis chinensis Populus trichocarpa Populus trichocarpa Prunus\_persica Cucumis sativus Arabidopsis thaliana Vitis vinifera Solanum\_lycopersicum Solanum\_lycopersicum Mimulus\_guttatus Mimulus guttatus Coffea canephora Helianthus annuus Helianthus\_annuus Helianthus annuus Actinidia chinensis Prunus persica Cucumis\_sativus Cercis\_chinensis Populus trichocarpa Arabidopsis thaliana Vitis vinifera Nymphaea colorata Nymphaea colorata Ginkgo biloba Amborella trichopoda Liriodendron tulipifera Liriodendron tulipifera Orvza sativa Brachypodium distachyon Oryza sativa Liriodendron tulipifera

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

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