OG 104001

★Interspecific gene duplication event

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Arachis hypogaea IcI\NC 037622.1 cds XP 025702403.1 25521
                                                                              Arachis_hypogaea
          Arachis_hypogaea_lcl\NC_037622.1_cds_XP_025702402.1_25520
                                                                              Arachis_hypogaea
         Arachis_duranensis_lcl\NC_029776.2_cds_XP_015967852.1_27950
                                                                              Arachis_duranensis
        <sup>1</sup> Arachis_duranensis_lcl\NC_029776.2_cds_XP_020999336.1_27949
                                                                              Arachis duranensis
       Arachis_hypogaea_lcl\NC_037632.1_cds_XP_025657242.1_74654

★1 Arachis_ipaensis_lcl\NC_029789.2_cds_XP_016204558.1_29822
                                                                              Arachis hypogaea
                                                                              Arachis ipaensis
       <sup>1</sup> Arachis_ipaensis_lcl\NC_029789.2_cds_XP_020959082.1_29821
                                                                              Arachis_ipaensis
         Phaseolus_vulgaris_Phvul.005G003800.2
                                                                              Phaseolus vulgaris
        1 Phaseolus_vulgaris_Phvul.005G003800.3
                                                                              Phaseolus_vulgaris
        Phaseolus vulgaris Phvul.005G003800.1
                                                                              Phaseolus vulgaris
        Glycine max IcI\NC 016091.4 cds XP 003522829.1 12371
                                                                              Glycine max
     Medicago_truncatula_lcl|NC_053044.1_cds_XP_003598309.1_11355
                                                                              Medicago_truncatula
         Arachis_duranensis_lcl\NC_029772.2_cds_XP_015951989.1_1225
                                                                              Arachis duranensis
     ★1 Arachis_hypogaea_lcl\NC_037618.1_cds_XP_025694652.1_1174
                                                                              Arachis_hypogaea
       Arachis_hypogaea_lcl\NC_037628.1_cds_XP_025626109.1_47190
                                                                              Arachis_hypogaea
       1 Arachis_ipaensis_lcl\NC_029785.2_cds_XP_016175207.1_220
                                                                              Arachis_ipaensis
       Glycine max IcI\NC 038252.2 cds XP 003547865.1 58386
                                                                              Glycine max
     Phaseolus_vulgaris_Phvul.003G274900.1
                                                                              Phaseolus_vulgaris
     1 Medicago_truncatula_lcl\NC_053049.1_cds_XP_003628954.1_40117
                                                                              Medicago truncatula
    Cercis chinensis GWHTBHAK026664
                                                                              Cercis_chinensis
  Prunus_persica_Prupe.6G034100.1
                                                                              Prunus_persica
  1 Prunus persica Prupe.6G034100.2
                                                                              Prunus persica
    Populus_trichocarpa_Potri.001G471700.3
                                                                              Populus_trichocarpa
  Populus_trichocarpa_Potri.001G471700.2
                                                                              Populus_trichocarpa
 Populus_trichocarpa_Potri.001G471400.1
                                                                              Populus trichocarpa
 ^{1} Arabidopsis_thaliana_AT5G56180.1
                                                                              Arabidopsis thaliana

    □ Coffea_canephora_lcl\HG974432.1_cds_CDP13644.1 14530

                                                                              Coffea canephora
    └ Solanum_lycopersicum_Solyc07g066120
                                                                              Solanum_lycopersicum
 Mimulus_guttatus_Migut.M01585.1
                                                                              Mimulus_guttatus
  Helianthus_annuus_HanXRQChr11g0346941
Helianthus_annuus_HanXRQChr11g0335511
                                                                              Helianthus_annuus
                                                                              Helianthus annuus
 1 Helianthus_annuus_HanXRQChr08g0232901
                                                                              Helianthus annuus
 Vitis_vinifera_VIT_219s0015g01740.1
                                                                              Vitis vinifera
Aquilegia_coerulea_Aqcoe1G383400.4
1 Aquilegia coerulea Aqcoe1G383400.1
 Liriodendron tulipifera Litul. 12G131200.1
                                                                              Liriodendron tulipifera
                                                                              Liriodendron_tulipifera
  Liriodendron tulipifera Litul. 12G131200.3
Liriodendron tulipifera Litul. 12G131200.2
                                                                              Liriodendron tulipifera
 r Oryza sativa LOC Os04g57210.1
                                                                              Oryza sativa
<sup>1</sup> Brachypodium_distachyon_Bradi5g25450.1
                                                                              Brachypodium distachyon
  Asparagus_officinalis_evm.model.AsparagusV1 05.894
                                                                              Asparagus officinalis
  Nymphaea colorata Nycol.C02085.1
                                                                              Nymphaea colorata
  Nymphaea colorata Nycol.C02085.6
                                                                              Nymphaea colorata
  Nymphaea colorata Nycol.C02085.2
                                                                              Nymphaea colorata
 <sup>1</sup> Nymphaea_colorata_Nycol.C02085.3
                                                                              Nymphaea colorata
Nymphaea colorata Nycol.C02085.5
                                                                              Nymphaea colorata
1 Nymphaea colorata Nycol.C02085.4
                                                                              Nymphaea colorata
Amborella trichopoda AmTrH1.10G138700.1
                                                                              Amborella trichopoda
   Ceratopteris richardii Ceric.20G066800.1
                                                                              Ceratopteris richardii
  <sup>1</sup> Ceratopteris richardii Ceric.20G066800.2
                                                                              Ceratopteris richardii
  Marchantia polymorpha Mapoly0120s0035.1
                                                                              Marchantia polymorpha
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Fabaceae Rosaceae Rosaceae Salicaceae Salicaceae Salicaceae Brassicaceae Rubiaceae Solanaceae Phrymaceae Asteraceae Asteraceae Asteraceae Vitaceae Ranunculaceae Ranunculaceae Magnoliaceae Maanoliaceae Magnoliaceae Poaceae Poaceae Asparagaceae Nymphaeaceae Nymphaeaceae Nymphaeaceae Nymphaeaceae Nymphaeaceae Nymphaeaceae *Amborellaceae* Marchantiaceae

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