## OG 104078

## ★Interspecific gene duplication event

```
Medicago_truncatula_lcl\NC_053045.1_cds_XP_024637880.2_22136
                                                                                       Medicago truncatula
                Medicago_truncatula_lcl\NC_053045.1_cds_XP_039689270.1_22138
                                                                                       Medicago_truncatula
               Medicago_truncatula_lcl\NC_053045.1_cds_XP_013457723.2_22137
                                                                                       Medicago_truncatula
              Medicago_truncatula_lcl\NC_053045.1_cds_XP_039689272.1_22139
                                                                                       Medicago truncatula
              | Medicago_truncatula_lc|\NC_053048.1_cds_XP_024626077.1_36402
| Medicago_truncatula_lc|\NC_053048.1_cds_XP_003625873.3_36400
                                                                                       Medicago truncatula
                                                                                       Medicago_truncatula
             Medicago_truncatula_lcl\NC_053048.1_cds_XP_039683542.1_36401
                                                                                       Medicago_truncatula
            <sup>1</sup> Medicago_truncatula_lcl\NC_053048.1_cds_XP_039683543.1_36403
                                                                                       Medicago truncatula
             Glycine_max_lcl\NC_016090.4_cds_XP_040870105.1_10080
                                                                                       Glycine_max
            <sup>1</sup> Glycine_max_lcl\NC_038255.2_cds_NP_001242191.1_69871
                                                                                       Glycine max
             Phaseolus_vulgaris_Phvul.001G203400.1
                                                                                       Phaseolus_vulgaris
            1 Phaseolus_vulgaris_Phvul.001G203400.2
                                                                                       Phaseolus_vulgaris
                 Arachis_hypogaea_lcl\NC_037633.1_cds_XP_025660719.1_75601
                                                                                       Arachis_hypogaea
            * Arachis_ipaensis_lcl\NC_029790.2_cds_XP_016205147.1_30745
Arachis_ipaensis_lcl\NC_029790.2_cds_XP_016205146.1_30744
                                                                                       Arachis_ipaensis
                                                                                       Arachis ipaensis
               Arachis_hypogaea_lcl\NC_037633.1_cds_XP_025660718.1_75600
                                                                                       Arachis_hypogaea
              Arachis_hypogaea_lcl\NC_037623.1_cds_XP_025604129.1_26652
                                                                                       Arachis hypogaea
             <sup>1</sup> Arachis_hypogaea_lcl\NC_037623.1_cds_XP_025604126.1_26651
                                                                                       Arachis_hypogaea
             1 | Arachis_duranensis_lcl|NC_029777.2_cds_XP_015969040.1_29162
                                                                                       Arachis_duranensis
             <sup>1</sup> Arachis_duranensis_lcl\NC_029777.2_cds_XP_015969039.1_29161
                                                                                       Arachis duranensis
          - Cercis_chinensis_GWHTBHAK027879
                                                                                       Cercis_chinensis
          Cercis_chinensis_GWHTBHAK005501
                                                                                       Cercis chinensis
        - Cucumis_sativus_Cucsa.025250.1\PACid16952022
                                                                                       Cucumis sativus
       Populus_trichocarpa_Potri.014G134100.1
                                                                                       Populus_trichocarpa
      1 Populus_trichocarpa_Potri.014G134100.3
                                                                                       Populus_trichocarpa
       Prunus persica Prupe.8G254400.2
                                                                                       Prunus persica
        Prunus persica Prupe.8G254400.1
                                                                                       Prunus persica
        Prunus_persica_Prupe.8G254400.3
                                                                                       Prunus_persica
     1 | Prunus_persica_Prupe.2G090200.2
                                                                                       Prunus_persica
      1 Prunus persica Prupe.2G090200.1
                                                                                       Prunus_persica
         Mimulus guttatus Migut. B00780.1
                                                                                       Mimulus guttatus
        1 Mimulus guttatus Migut. B00780.2
                                                                                       Mimulus_guttatus
         — Arabidopsis_thaliana_AT3G62940.2
                                                                                       Arabidopsis_thaliana
       Helianthus_annuus_HanXRQChr12g0357681
                                                                                       Helianthus_annuus
       1 Helianthus annuus HanXRQChr16q0511311
                                                                                       Helianthus annuus
     ☐ Solanum_lycopersicum_Solvc04q053080
                                                                                       Solanum lycopersicum
     <sup>1</sup> Coffea canephora |c|\HG974434.1 cds CDP12903.1 18635
                                                                                       Coffea canephora
   L Vitis_vinifera_VIT_207s0104g01410.1
                                                                                       Vitis vinifera
  Aguilegia coerulea Agcoe4G215300.1
   Liriodendron tulipifera Litul.02G218700.1
                                                                                       Liriodendron tulipifera
  Cinnamomum_kanehirae_CKAN_02109300
     - Asparagus officinalis evm.model.AsparagusV1 06.1934
                                                                                       Asparagus officinalis
  Nymphaea colorata Nycol. B02313.2
                                                                                       Nymphaea colorata
  <sup>1</sup> Nymphaea colorata Nycol. B02313.1
                                                                                       Nymphaea colorata
  r Oryza_sativa_LOC_Os04g52850.1
                                                                                       Oryza sativa
 1 Brachypodium_distachyon_Bradi4g02970.1
1 Amborella trichopoda AmTrH1.04G174000.1
                                                                                       Amborella trichopoda
 <sup>1</sup> Amborella trichopoda AmTrH1.04G128300.1
                                                                                       Amborella trichopoda

    Marchantia polymorpha Mapoly0036s0154.1

                                                                                       Marchantia polymorpha

Ceratopteris richardii Ceric.34G019600.1

                                                                                       Ceratopteris richardii
   Ginkgo biloba evm.model.chr11.673
                                                                                       Ginkgo biloba
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Brachypodium distachyon

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

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