OG_104013

★Interspecific gene duplication event

```
Arachis_hypogaea_lcl\NC_037635.1_cds_XP_025669303.1_85537
             Arachis_ipaensis_lcl\NC_029792.2_cds_XP_016170784.1_40922
            Arachis_duranensis_lcl\NC_029778.2_cds_XP_015932693.1_36136
            <sup>1</sup> Arachis_hypogaea_lcl\NC_037624.1_cds_XP_025610192.1_32369
          Arachis_hypogaea_lcl\NC_037635.1_cds_XP_025669476.1_85536

★¹ Arachis_ipaensis_lcl\NC_029792.2_cds_XP_016171673.1_40921
         1 | Arachis_duranensis_lcl\NC_029778.2_cds_XP_015932711.1_36137
            1 Arachis_hypogaea_lcl\NC_037624.1_cds_XP_025610193.1_32370
          Arachis_hypogaea_lcl\NC_037635.1_cds_XP_025669475.1_85535
        ★ Arachis_ipaensis_lcl\NC_029792.2_cds_XP_016171724.1_40919
        1 | Arachis_duranensis_lcl\NC_029778.2_cds_XP_015932671.1_36138
          1 Arachis_hypogaea_lcl\NC_037624.1_cds_XP_029143815.1_32371
         Phaseolus_vulgaris_Phvul.005G166000.1
       1 Phaseolus_vulgaris_Phvul.005G166000.2
      L<sup>1L</sup> Glycine_max_lcl\NC_038251.2_cds_NP_001240991.1_53789
      Medicago_truncatula_lcl\NC_053043.1_cds_XP_003597673.1_10771
     Cercis chinensis GWHTBHAK031419
     ─ Populus_trichocarpa_Potri.001G190100.1
    1 → Arabidopsis_thaliana_AT3G21360.1
   Prunus persica Prupe.3G058800.1
   - Cucumis sativus Cucsa.360990.1\PACid16980829
  r Vitis_vinifera_VIT_209s0002g03450.1
  1 Vitis_vinifera_VIT_209s0002g03460.1
          Helianthus_annuus_HanXRQChr05g0139181
         <sup>1</sup> Helianthus_annuus_HanXRQChr09g0275621
        ^{1} Helianthus_annuus_HanXRQChr09g0275631
        r Helianthus annuus HanXROChr10q0280841
        1 Helianthus_annuus_HanXRQChr10g0280871
        Helianthus_annuus_HanXRQChr15q0472091
        Helianthus_annuus_HanXRQChr05g0162581
       Helianthus_annuus_HanXRQChr08g0227201
       <sup>1</sup> Helianthus_annuus_HanXRQChr09g0276271
       - Helianthus_annuus_HanXRQChr09g0275641
    — Helianthus_annuus_HanXRQChr09g0275651
    □ Coffea canephora |c|\HG974431.1 cds CD097972.1 11489
 1 1 Solanum_lycopersicum_Solyc03g121040
    - Mimulus_guttatus_Migut.I00895.1
   Actinidia chinensis Actinidia 32100.t1
   ∟ Liriodendron tulipifera Litul.15G098600.1
 ★ Cinnamomum_kanehirae_CKAN_00677800

    Cinnamomum kanehirae CKAN 01143700

   Aguilegia coerulea Agcoe7G415700.1
 Aquilegia_coerulea_Aqcoe7G415700.2
   - Amborella trichopoda AmTrH1.05G025000.1
  r Oryza sativa LOC Os01q09430.1
Brachypodium_distacnyon_praurzy050.0.2
Asparagus_officinalis_evm.model.AsparagusV1_01.1699

    Marchantia polymorpha Mapoly0024s0085.1

    Ceratopteris richardii Ceric.20G003700.1

  Ginkgo biloba evm.model.chr1.549
```

Arachis hypogaea Arachis_ipaensis Arachis_duranensis Arachis_hypogaea Arachis hypogaea Arachis ipaensis Arachis_duranensis Arachis_hypogaea Arachis_hypogaea Arachis ipaensis Arachis duranensis Arachis_hypogaea Phaseolus_vulgaris Phaseolus_vulgaris Glycine max Medicago_truncatula Cercis chinensis Populus_trichocarpa Arabidopsis_thaliana Prunus persica Cucumis sativus Vitis vinifera Vitis vinifera Helianthus_annuus Helianthus annuus Helianthus annuus Helianthus annuus Helianthus annuus Helianthus_annuus Helianthus annuus Helianthus annuus Helianthus annuus Helianthus_annuus Helianthus_annuus Coffea canephora Solanum lycopersicum Mimulus guttatus Actinidia chinensis Liriodendron tulipifera Amborella trichopoda Orvza sativa Brachypodium distachyon Asparagus officinalis Nymphaea colorata Marchantia polymorpha Ceratopteris richardii Ginkgo biloba

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

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