OG_104041

★Interspecific gene duplication event

```
Arachis_hypogaea_lcl\NC_037631.1_cds_XP_025649626.1_67754
               Arachis_ipaensis_lcl\NC_029788.2_cds_XP_016194023.1_22338
              Arachis_duranensis_lcl\NC_029775.2_cds_XP_015961982.1_21191

★ 1 Arachis_hypogaea_lcl\NC_037621.1_cds_XP_025696378.1_19186
           Arachis_duranensis_lcl\NC_029775.2_cds_XP_020996671.1_21190
            Glycine_max_lcl\NC_038254.2_cds_NP_001238375.1_66410
           [] Glycine_max_lcl\NC_038245.2_cds_XP_003534503.1_34015
          Phaseolus_vulgaris_Phvul.008G053000.1
          1 Medicago_truncatula_lcl\NC_053048.1_cds_XP_003624197.1_34623
         Cercis chinensis GWHTBHAK004778
         Prunus_persica_Prupe.7G000300.2
         1 Prunus_persica_Prupe.7G000300.1
        ┌ Actinidia_chinensis_Actinidia03275.t2
       Actinidia chinensis Actinidia06799.t2
            Mimulus_guttatus_Migut.F01865.2
            Mimulus guttatus Migut.F01865.1
            Mimulus guttatus Migut.F01865.3
         Mimulus_guttatus_Migut.F02109.1
         Solanum_lycopersicum_Solyc05q056290
       Coffea_canephora_lcl\HG974436.1_cds_CDP04187.1_21258
         - Arabidopsis thaliana AT5G16390.1
          Cucumis_sativus_Cucsa.132870.1\PACid16962626
        T Cucumis_sativus_Cucsa.132870.2 PACid16962627
       Cucumis_sativus_Cucsa.132870.3|PACid16962628
      ^{1} Vitis vinifera_VIT_204s0023g00760.1
       Populus trichocarpa Potri.019G054400.2
     _1<sup>|</sup> Populus_trichocarpa_Potri.019G054400.5
     1 Populus_trichocarpa_Potri.019G054400.4
    Aquilegia_coerulea_Aqcoe2G423000.2
     <sup>1</sup> Aquilegia_coerulea_Aqcoe2G423000.1
    ¬ Cinnamomum kanehirae CKAN 00127400
   1 Liriodendron_tulipifera_Litul.03G055300.1
   Amborella_trichopoda_AmTrH1.06G090600.1
  ¬ Nymphaea_colorata_Nycol.B00832.1
 ¹ Nymphaea colorata Nycol.C00351.1
  - Amborella trichopoda AmTrH1.10G009800.1
      Helianthus annuus HanXRQChr09q0270201
    ^{	extstyle 1^	extstyle L} Helianthus annuus HanXRQChr16g0502301
   Helianthus_annuus_HanXRQChr05g0157241
   Helianthus_annuus_HanXRQChr02g0042491

☐ Solanum lycopersicum Solyc06q069530
   1 ─ Mimulus guttatus Migut. I00317.1
   Actinidia chinensis Actinidia 35030.t1
  <sup>1</sup> Actinidia chinensis Actinidia 19004.t1

    □ Populus trichocarpa Potri.017G092500.1

  <sup>1_</sup> Vitis_vinifera_VIT_214s0108g01660.1
   Asparagus officinalis evm.model.AsparagusV1 07.2918
┌ Liriodendron_tulipifera_Litul.19G034500.1
1 Cinnamomum_kanehirae_CKAN_00570100
```

Arachis hypogaea Arachis_ipaensis Arachis_ipaensis Arachis duranensis Arachis_hypogaea Arachis duranensis Glycine_max Glycine max Phaseolus_vulgaris Medicago truncatula Cercis chinensis Prunus_persica Prunus persica Actinidia_chinensis Actinidia chinensis *Mimulus_guttatus* Mimulus guttatus *Mimulus_guttatus* Mimulus_guttatus Solanum lycopersicum Coffea_canephora Arabidopsis thaliana Cucumis sativus Cucumis_sativus Cucumis sativus Vitis vinifera Populus trichocarpa Populus_trichocarpa Populus_trichocarpa Liriodendron_tulipifera Amborella_trichopoda Nymphaea colorata Nymphaea colorata Amborella trichopoda Helianthus annuus Helianthus annuus Helianthus annuus Helianthus annuus Solanum lycopersicum Mimulus guttatus Actinidia chinensis Actinidia chinensis Populus trichocarpa Vitis vinifera Asparagus officinalis Liriodendron tulipifera

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

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