## OG\_104060

## ★Interspecific gene duplication event

```
Arachis duranensis lcl\NC 029775.2 cds XP 020995368.1 17362
                                                                                  Arachis duranensis
               Arachis_duranensis_lcl\NC_029775.2_cds_XP_015958368.1_17361
                                                                                  Arachis_duranensis
               Arachis_duranensis_lcl\NC_029775.2_cds_XP_020995367.1_17363
                                                                                  Arachis_duranensis
              <sup>1</sup> Arachis_duranensis_lcl\NC_029775.2_cds_XP_015958369.1_17365
                                                                                  Arachis duranensis
              Arachis_hypogaea_lcl\NC_037621.1_cds_XP_025693466.1_15812
                                                                                  Arachis_hypogaea
             Arachis_hypogaea_lcl\NC_037621.1_cds_XP_025693467.1_15813
                                                                                  Arachis_hypogaea
              Arachis_hypogaea_lcl\NC_037621.1_cds_XP_025693465.1_15811
                                                                                  Arachis_hypogaea
                Arachis_hypogaea_lcl\NC_037631.1_cds_XP_025645421.1_63990
                                                                                  Arachis hypogaea
            Arachis_ipaensis
                                                                                  Arachis hypogaea
              Arachis_hypogaea_lcl\NC_037631.1_cds_XP_025645420.1_63989
                                                                                  Arachis hypogaea
              1 Arachis_ipaensis_lcl\NC_029788.2_cds_XP_016196946.1_18140
                                                                                  Arachis_ipaensis
             Glycine_max_lcl\NC_038247.2_cds_XP_003538536.1_42183
                                                                                  Glycine max
           Glycine_max_lcl\NC_038247.2_cds_XP_014619770.1_42184
                                                                                  Glycine_max
           <sup>1</sup> Phaseolus_vulgaris_Phvul.001G264300.1
                                                                                  Phaseolus vulgaris
           | Medicago_truncatula_lcl\NC_053044.1_cds_XP_024635696.1_14780
| Medicago_truncatula_lcl\NC_053044.1_cds_XP_024635697.1_14781
                                                                                  Medicago truncatula
                                                                                  Medicago truncatula
           <sup>1</sup> Medicago_truncatula_lcl\NC_053044.1_cds_XP_003601731.2_14779
                                                                                  Medicago_truncatula
         Cercis_chinensis_GWHTBHAK009575
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         Prunus_persica_Prupe.1G173400.3
                                                                                  Prunus_persica
        Prunus_persica_Prupe.1G173400.2
                                                                                  Prunus_persica
        <sup>1</sup> Prunus persica Prupe.1G173400.1
                                                                                  Prunus persica
         ☐ Cucumis_sativus_Cucsa.251840.1\PACid16971857
                                                                                  Cucumis sativus
        ^{1}— Arabidopsis_thaliana_AT2G32000.1
                                                                                  Arabidopsis thaliana
        1 Populus trichocarpa_Potri.014G148800.1
                                                                                  Populus trichocarpa
        Vitis vinifera VIT 205s0062q00860.9
                                                                                  Vitis vinifera

─ Solanum_lycopersicum_Solyc09q097880
                                                                                  Solanum_lycopersicum
       1— Mimulus_guttatus_Migut.N00431.1
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       Coffea_canephora_lcl\HG974430.1_cds_CDP10274.1_10568
                                                                                  Coffea_canephora
      1 - Actinidia_chinensis_Actinidia35818.t1
                                                                                  Actinidia chinensis
       1 Helianthus annuus HanXRQChr14q0436751
                                                                                  Helianthus annuus
      Aquilegia_coerulea_Aqcoe2G414900.1
     1 Aquilegia_coerulea_Aqcoe2G414900.2
     r Liriodendron_tulipifera_Litul.03G048700.1
                                                                                  Liriodendron_tulipifera
    1 Cinnamomum_kanehirae_CKAN_00129700
       Brachypodium distachyon Bradi4g34290.10
                                                                                  Brachypodium distachyon
       Brachypodium distachyon Bradi4q34290.11
                                                                                  Brachypodium distachyon
      Brachypodium distachyon Bradi4q34290.9
                                                                                  Brachypodium distachyon
                                                                                  Oryza_sativa
      Oryza sativa LOC Os09q32450.1
       Nymphaea_colorata_Nycol.C00438.1
                                                                                  Nymphaea colorata
     Nymphaea_colorata_Nycol.C00438.5
Nymphaea_colorata_Nycol.C00438.6
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                                                                                  Nymphaea colorata
      Nymphaea colorata Nycol.C00438.4
                                                                                  Nymphaea colorata
     Nymphaea colorata Nycol.C00438.3
                                                                                  Nymphaea colorata
   Nymphaea_colorata_Nycol.C00438.2
                                                                                  Nymphaea colorata
   Amborella trichopoda AmTrH1.06G077200.1
                                                                                  Amborella trichopoda
    Ceratopteris richardii Ceric.17G059000.1
                                                                                  Ceratopteris richardii
    Ceratopteris richardii Ceric.17G059000.3
                                                                                  Ceratopteris richardii
 1 Ceratopteris_richardii_Ceric.17G059000.2
                                                                                  Ceratopteris richardii
 Marchantia polymorpha Mapoly0014s0219.1
                                                                                  Marchantia polymorpha
Chlamydomonas reinhardtii Cre17.q725100.t1.2
                                                                                  Chlamydomonas reinhardtii
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Fabaceae Rosaceae Rosaceae Rosaceae Brassicaceae Salicaceae Vitaceae Solanaceae Phrymaceae Rubiaceae Actinidiaceae Asteraceae Ranunculaceae Ranunculaceae Magnoliaceae Lauraceae Poaceae Poaceae Poaceae Poaceae Nymphaeaceae Nymphaeaceae Nymphaeaceae Nymphaeaceae Nymphaeaceae Nymphaeaceae Amborellaceae Marchantiaceae Chlamydomonadaceae

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