## OG\_104092

## ★Interspecific gene duplication event

```
Phaseolus vulgaris Phvul.003G179300.3
             Phaseolus_vulgaris_Phvul.003G179300.2
            Phaseolus_vulgaris_Phvul.003G179300.1
           Phaseolus_vulgaris_Phvul.003G179300.4
           Medicago_truncatula_lcl\NC_053045.1_cds_XP_003609137.1_22556
           Glycine_max_lcl\NC_038241.2_cds_NP_001350890.1_14529
           Glycine_max_lcl\NC_038241.2_cds_NP_001350889.1_14530
          Glycine_max_lcl\NC_038253.2_cds_NP_001350896.1_61605
         <sup>1</sup> Glycine_max_lcl\NC_038253.2_cds_NP_001350895.1_61606
             Arachis_duranensis_lcl\NC_029772.2_cds_XP_015944073.1_4786
             Arachis_duranensis_lcl\NC_029772.2_cds_XP_015944068.1_4787
             Arachis_hypogaea_lcl\NC_037618.1_cds_XP_025616651.1_4287
            Arachis_hypogaea_lcl\NC_037618.1_cds_XP_025616654.1_4286
             Arachis_hypogaea_lcl\NC_037628.1_cds_XP_025629547.1_50213
             Arachis_hypogaea_lcl\NC_037628.1_cds_XP_025629546.1_50212
             Arachis_ipaensis_lcl\NC_029785.2_cds_XP_016194036.1_3541
            Arachis_ipaensis_lcl\NC_029785.2_cds_XP_016194043.1_3542
           Glycine_max_lcl\NC_038242.2_cds_NP_001235678.1_20667
        Glycine_max_lcl\NC_038242.2_cds_NP_001350891.1_20668
Glycine_max_lcl\NC_016091.4_cds_XP_040870636.1_12751
       Phaseolus_vulgaris_Phvul.009G201500.1
      Medicago_truncatula_lcl\NC_053043.1_cds_XP_024632301.1_8773
      Cercis_chinensis_GWHTBHAK012305
     Populus_trichocarpa_Potri.015G052800.1
    1 Populus_trichocarpa_Potri.012G058200.2
    Prunus persica Prupe.5G214400.2
   1 Prunus persica Prupe.5G214400.1
       Solanum_lycopersicum_Solyc06g069310
     I Solanum_lycopersicum_Solyc03g114400
    Coffea_canephora_lcl\HG974431.1_cds_CDO98490.1_12007
    <sup>1</sup> ₁ Helianthus annuus HanXROChr16g0502041

    Helianthus annuus HanXRQChr04g0109851

☐ Arabidopsis_thaliana_AT5G08190.1
    1 Arabidopsis_thaliana_AT5G23090.2
   1 Mimulus guttatus Migut. D01587.1
 └ Vitis vinifera VIT 217s0000g04350.1
     Cinnamomum kanehirae CKAN 01447300
    Li Cinnamomum_kanehirae_CKAN_01070400
    <sup>1</sup> Cinnamomum kanehirae CKAN 02326600
    Liriodendron tulipifera Litul.02G021800.1
   <sup>1</sup> Liriodendron tulipifera Litul.02G021800.2
   □ Aquilegia coerulea Aqcoe3G391000.1
  1- Aquilegia coerulea Agcoe3G053900.1

    □ Ceratopteris richardii Ceric.13G084800.2

     T Ceratopteris_richardii_Ceric.03G085200.1
     — Marchantia polymorpha Mapoly0053s0055.1
    Ginkgo biloba evm.model.chr7.146
 Nymphaea colorata Nycol.L00125.1
<sup>1</sup> Nymphaea colorata Nycol.L00125.2
Asparagus officinalis evm.model.AsparagusV1 08.1577
      Asparagus officinalis evm.model.AsparagusV1 03.3153
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Phaseolus vulgaris Phaseolus\_vulgaris Phaseolus\_vulgaris Phaseolus\_vulgaris Medicago truncatula Glycine max Glycine\_max Glycine max Glycine max Arachis duranensis Arachis\_duranensis Arachis\_hypogaea Arachis\_hypogaea Arachis\_hypogaea Arachis hypogaea Arachis\_ipaensis Arachis ipaensis Glycine max Glycine\_max Glycine max Phaseolus\_vulgaris Medicago truncatula Cercis chinensis Populus\_trichocarpa Populus\_trichocarpa Prunus persica Prunus persica Solanum\_lycopersicum Solanum\_lycopersicum Coffea canephora Helianthus annuus Helianthus annuus Arabidopsis\_thaliana Arabidopsis\_thaliana Mimulus guttatus Vitis vinifera Liriodendron tulipifera Liriodendron tulipifera Ceratopteris richardii Ceratopteris richardii Marchantia polymorpha Ginkgo biloba Nymphaea colorata Nymphaea colorata Asparagus officinalis Asparagus officinalis

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

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