OG_104098

★Interspecific gene duplication event

```
Glycine_max_lcl\NC_038248.2_cds_NP_001304513.1_44175
             Glycine_max_lcl\NC_038242.2_cds_NP_001274379.1_21116
            Phaseolus_vulgaris_Phvul.011G148000.1
        \star^{1} Medicago truncatula |c|\NC_053043.1_cds_XP_013464756.1_9583
           Glycine max IcI\NC 038249.2 cds XP 003543257.1 49210
          Glycine_max_lcl\NC_038248.2_cds_XP_003540450.1_45170
          <sup>1</sup> Phaseolus vulgaris Phvul.005G084600.1
          Arachis_hypogaea_lcl\NC_037625.1_cds_XP_025614862.1_36601
        Arachis_duranensis_lcl\NC_029779.2_cds_XP_015936654.1_40621
         Arachis_ipaensis_lcl\NC_029792.2_cds_XP_016168207.1_42652
       Cercis chinensis GWHTBHAK022097

── Arabidopsis_thaliana_AT3G15510.1

       1— Arabidopsis thaliana AT1G52880.1
      r Populus_trichocarpa_Potri.001G404400.1
     <sup>1</sup> Populus trichocarpa Potri.011G123500.1
      Prunus_persica_Prupe.4G187100.1
     1 Prunus_persica_Prupe.4G187100.2
     1 — Cucumis_sativus_Cucsa.074600.1\PACid16955672
        Cucumis_sativus_Cucsa.341790.1\PACid16979271
        - Solanum_lycopersicum_Solyc07g063420
         Solanum_lycopersicum_Solyc10g006880
       Mimulus_guttatus_Migut.M00864.1
      <sup>1</sup> Coffea_canephora_lcl\HG974432.1_cds_CDP05873.1_14214
        - Helianthus annuus HanXRQChr05q0156601
       Helianthus_annuus_HanXRQChr11g0327521
      1 - Helianthus annuus HanXRQChr03q0079621
       1- Helianthus_annuus_HanXRQChr13g0407241
      — Actinidia_chinensis_Actinidia35267.t1
     1 Actinidia_chinensis_Actinidia09979.t2
     Vitis_vinifera_VIT_219s0014g03300.2
     Cinnamomum_kanehirae_CKAN_01329400
    Cinnamomum_kanehirae_CKAN_01982700

¬ Nymphaea_colorata_Nycol.A01733.1

     <sup>1</sup> Nymphaea colorata Nycol.K00475.1
   Glycine max lcl\NC 038251.2 cds XP 003547137.1 54502
       Glycine_max_lcl\NC_038249.2_cds_XP_003541742.1_48710
   Phaseolus_vulgaris_Phvul.006G188900.1
      Glycine max IcI\NC 038243.2 cds XP 003528438.1 24736
     Arachis duranensis IcINC 029774.2 cds XP 015956312.1 14973
      Arachis_hypogaea_lcl\NC_037620.1_cds_XP_025690050.1_13577
     Arachis hypogaea IcI\NC 037630.1 cds XP 025638168.1 61630
     1 Arachis ipaensis IcI\NC 029787.2 cds XP 016189815.1 15700
 □ Populus trichocarpa Potri.004G038000.1
1— Helianthus annuus HanXRQChr09q0263981
 Prunus_persica_Prupe.4G040900.1
1 Prunus persica_Prupe.4G040900.2
  - Arabidopsis thaliana AT1G61110.1
    - Mimulus auttatus Miaut.M01170.1
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Glycine_max Glycine max Phaseolus_vulgaris Medicago truncatula Glycine max Glycine max Phaseolus vulgaris Arachis_hypogaea Arachis duranensis Arachis_ipaensis Cercis chinensis Arabidopsis thaliana Arabidopsis thaliana Populus trichocarpa Populus trichocarpa Prunus_persica Prunus persica Cucumis_sativus Cucumis_sativus Solanum lycopersicum Solanum lycopersicum Mimulus guttatus Coffea canephora Helianthus annuus Helianthus annuus Helianthus annuus Helianthus annuus Actinidia chinensis Actinidia_chinensis Vitis vinifera Nymphaea_colorata Nymphaea colorata Glycine max Glycine max Phaseolus vulgaris Glycine max Arachis duranensis Arachis_hypogaea Arachis hypogaea Arachis ipaensis Populus trichocarpa Helianthus annuus Prunus persica Prunus persica Arabidopsis thaliana Mimulus auttatus

Fabaceae Brassicaceae Brassicaceae Salicaceae Salicaceae Rosaceae Rosaceae Solanaceae Solanaceae Phrymaceae Rubiaceae Asteraceae Asteraceae Asteraceae Asteraceae Actinidiaceae Actinidiaceae Vitaceae Lauraceae Lauraceae Nymphaeaceae Nymphaeaceae Ranunculaceae Ranunculaceae Fabaceae Fabaceae Fabaceae Fabaceae Fabaceae Fabaceae Fabaceae Fabaceae Salicaceae *Asteraceae* Rosaceae Rosaceae Brassicaceae Phrvmaceae

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Lamiales