OG_104011

★Interspecific gene duplication event

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| Medicago truncatula | Icl\NC 053045.1 | cds | XP 024638863.2 | 21502
                   Medicago_truncatula_lcl\NC_053045.1_cds_XP_024638867.2_21506
                  Medicago_truncatula_lcl\NC_053045.1_cds_XP_024638864.2_21504
                  Medicago_truncatula_lcl\NC_053045.1_cds_XP_024638871.2_21507
                 Medicago_truncatula_lcl\NC_053045.1_cds_XP_024638872.2_21508
               Medicago_truncatula_lcl\NC_053045.1_cds_XP_024638866.2_21505
               Medicago_truncatula_lcl\NC_053045.1_cds_XP_024638862.2_21500
              Medicago_truncatula_lcl\NC_053045.1_cds_XP_024638865.2_21503
              Medicago_truncatula_lcl\NC_053045.1_cds_XP_039688836.1_21501
             Medicago_truncatula_lcl\NC_053045.1_cds_XP_024638437.2_17166
            1 Medicago_truncatula_lcl\NC_053045.1_cds_XP_039688716.1_21499
            Phaseolus_vulgaris_Phvul.010G163700.1
           Glycine_max_lcl\NC_038244.2_cds_NP_001276192.1_28944
          Arachis_duranensis_lcl\NC_029775.2_cds_XP_015958523.1_17157

★1 Arachis_hypogaea_lcl\NC_037621.1_cds_XP_025693256.1_15616
          1 | Arachis_hypogaea_lcl|NC_037631.1_cds_XP_025645207.1_63781
            1 Arachis_ipaensis_lcl\NC_029788.2_cds_XP_016197099.1_17911
           Cercis chinensis GWHTBHAK031738
          Cucumis_sativus_Cucsa.359550.1|PACid16980588

    Arabidopsis thaliana AT1G50430.1

        Prunus_persica_Prupe.3G022300.1
       1 Prunus persica Prupe.3G022300.2
        Populus_trichocarpa_Potri.008G005200.1
      L<sup>1</sup> Populus_trichocarpa_Potri.008G005200.2
      1 Populus_trichocarpa_Potri.010G253200.1
        Mimulus_guttatus_Migut.I01196.1
       1 Coffea_canephora_lcl\HG974431.1_cds_CD097737.1_11254
       ☐ ¬ Solanum_lycopersicum_Solyc01g009310
       1- Solanum_lycopersicum_Solyc06g074090
       Helianthus_annuus_HanXRQChr12q0359701
       1 Helianthus annuus HanXROChr10g0311191
       Actinidia chinensis Actinidia 00646.t1
      <sup>1</sup> Actinidia_chinensis_Actinidia31125.t1
     Vitis_vinifera_VIT_209s0054g00930.1
    — Aguilegia coerulea Agcoe7G296100.1
        Brachypodium distachyon Bradi3q43120.5
       Brachypodium distachyon Bradi3q43120.6
       Brachypodium distachyon Bradi3q43120.7
    Oryza_sativa_LOC_Os02g26650.3
      Asparagus officinalis evm.model.AsparagusV1 05.2383
    Liriodendron tulipifera Litul. 14G008400. 1
     Liriodendron tulipifera Litul.14G008400.2
  <sup>1</sup> Nymphaea colorata Nycol.K00064.1
     Ceratopteris_richardii_Ceric.03G014000.1
       Ceratopteris_richardii_Ceric.03G014000.2
    1 Ceratopteris_richardii_Ceric.1Z271900.1
    Ginkgo biloba evm.model.chr8.560
  - Marchantia polymorpha Mapoly0015s0079.1
Marchantia_polymorpha_Mapoly0041s0083.1
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Medicago truncatula Medicago_truncatula Medicago_truncatula Medicago_truncatula Medicago truncatula Medicago_truncatula Medicago_truncatula Medicago_truncatula Medicago_truncatula Medicago truncatula Medicago_truncatula Phaseolus_vulgaris Glycine max Arachis_duranensis Arachis_hypogaea Arachis_hypogaea Arachis ipaensis Cercis chinensis Cucumis_sativus Arabidopsis_thaliana Prunus_persica Prunus persica Populus trichocarpa Populus_trichocarpa Populus trichocarpa Mimulus guttatus Coffea canephora Solanum_lycopersicum Solanum_lycopersicum Helianthus_annuus Helianthus annuus Actinidia chinensis Actinidia_chinensis Vitis_vinifera Brachypodium distachyon Brachypodium distachyon Brachypodium distachyon Oryza_sativa Asparagus officinalis Liriodendron tulipifera Liriodendron tulipifera Amborella trichopoda Nymphaea colorata Ceratopteris richardii Ceratopteris richardii Ceratopteris richardii Ginkgo biloba Marchantia polymorpha Marchantia polymorpha

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

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