OG_104100

★Interspecific gene duplication event

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Glycine_max_lcl\NC_016090.4_cds_XP_003521587.1_10175
               Glycine_max_lcl\NC_038255.2_cds_XP_003554541.1_69963
              Phaseolus_vulgaris_Phvul.001G211800.1
            <sup>1_</sup> Medicago_truncatula_lcl\NC_053048.1_cds_XP_003625951.1_36501
              Arachis duranensis IcI\NC 029777.2 cds XP 020982038.1 29023
            ★<sup>1</sup> Arachis_hypogaea_lcl\NC_037623.1_cds_XP_025604002.1_26530
              Arachis hypogaea Icl\NC 037633.1 cds XP 025662374.1 75763
              <sup>1</sup> Arachis_ipaensis_lcl\NC_029790.2_cds_XP_016205763.1_30902
                 Arachis_duranensis_lcl\NC_029780.2_cds_XP_020986264.1_43095
                  Arachis_hypogaea_lcl\NC_037626.1_cds_XP_029144709.1_38930
                 Arachis_ipaensis_lcl\NC_029793.2_cds_XP_020966381.1_47088
                Arachis_hypogaea_lcl\NC_037636.1_cds_XP_025677371.1_90914
               Arachis_ipaensis_lcl\NC_029793.2_cds_XP_016176111.1_47087
              Arachis_duranensis_lcl\NC_029780.2_cds_XP_015938894.1_43094
             1 Arachis_hypogaea_lcl\NC_037626.1_cds_XP_025618123.1_38929
            Glycine_max_lcl\NC_016089.4_cds_XP_003519751.1_3319
         Cercis_chinensis_GWHTBHAK005374
        ┌ Prunus_persica_Prupe.8G270200.1
        1 Cucumis_sativus_Cucsa.205160.1 PACid16969066
         Populus trichocarpa Potri.014G122600.1
        Populus trichocarpa Potri.002G198000.1
        <sup>1</sup>└─ Arabidopsis thaliana AT3G62600.1
       └ Vitis vinifera VIT 207s0005q01220.1
          Helianthus annuus HanXROChr11q0329371
         \sqrt{1} Helianthus\_annuus\_HanXRQChr01g0000821
        Helianthus_annuus_HanXRQChr10g0285401
       Solanum_lycopersicum_Solyc01g079610
        Mimulus_guttatus_Migut.D00096.1
Mimulus_guttatus_Migut.D00096.2
       <sup>1</sup> Coffea_canephora_lcl\HG974428.1_cds_CDP17087.1_2126
        Actinidia_chinensis_Actinidia25839.t1
       Actinidia_chinensis_Actinidia21009.t1
      1 Actinidia_chinensis_Actinidia27608.t1
      – Aquilegia coerulea Agcoe2G278700.1
       Asparagus officinalis evm.model.AsparagusV1 02.2177
     1 Asparagus_officinalis_evm.model.AsparagusV1_08.3195
     1 r Oryza sativa LOC Os05q06440.1
      <sup>1∟</sup> Brachypodium_distachyon_Bradi2g34950.1
     ¬ Cinnamomum kanehirae CKAN 02453700
     Liriodendron tulipifera Litul. 18G100600.1
    - Amborella trichopoda AmTrH1.02G161100.1
    Nymphaea colorata Nycol.E01257.1
   <sup>1</sup> Nymphaea colorata Nycol.E01257.2
  ┌ Ginkgo biloba evm.model.chr8.2314
 1— Ginkgo_biloba_evm.model.chr6.1523

☐ Ceratopteris richardii Ceric.02G111300.1
 1 Ceratopteris richardii Ceric. 18G035300. 1
Marchantia polymorpha Mapoly0115s0018.1
 Chlamydomonas reinhardtii Cre07.q320150.t1.2
   Dunaliella salina Dusal.0038s00007.1
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Glycine_max Glycine max Phaseolus_vulgaris Medicago truncatula Arachis duranensis Arachis_hypogaea Arachis hypogaea Arachis_ipaensis Arachis duranensis Arachis_hypogaea Arachis ipaensis Arachis_hypogaea Arachis ipaensis Arachis duranensis Arachis hypogaea Glycine max Cercis chinensis Prunus_persica Cucumis_sativus Populus trichocarpa Populus trichocarpa Arabidopsis thaliana Vitis vinifera Helianthus annuus Helianthus_annuus Helianthus annuus Solanum_lycopersicum Mimulus_guttatus Mimulus_guttatus Coffea canephora Actinidia chinensis Actinidia chinensis Actinidia_chinensis Asparagus officinalis Asparagus_officinalis Oryza sativa Brachypodium_distachyon Liriodendron tulipifera Amborella trichopoda Nymphaea colorata Nymphaea colorata Ginkgo biloba Ginkgo biloba Ceratopteris_richardii Ceratopteris_richardii Marchantia_polymorpha Chlamydomonas reinhardtii Dunaliella salina

Fabaceae Rosaceae Salicaceae Salicaceae Brassicaceae Vitaceae Asteraceae Asteraceae Asteraceae Solanaceae Phrymaceae Phrymaceae Rubiaceae Actinidiaceae Actinidiaceae Actinidiaceae Ranunculaceae Asparagaceae Asparagaceae Poaceae Poaceae Lauraceae Magnoliaceae Amborellaceae Nymphaeaceae Nymphaeaceae Ginkgoaceae Ginkgoaceae Marchantiaceae Chlamydomonadaceae Dunaliellaceae

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Chlamvdomonadales