OG_104040

★Interspecific gene duplication event

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Arachis_duranensis_lcl\NC_029780.2_cds_XP_015940345.1_44756

★1 Arachis_hypogaea_lcl\NC_037626.1_cds_XP_025619347.1_40354
         ★<sup>1</sup> Arachis_duranensis_lcl|NC_029780.2_cds_XP_020987768.1_44757
           Arachis_hypogaea_lcl\NC_037636.1_cds_XP_025675129.1_92567

★1 Arachis_ipaensis_lcl\NC_029793.2_cds_XP_016175345.1_49003
          1 Arachis_ipaensis_lcl\NC_029793.2_cds_XP_020968231.1_49004
           Glycine_max_lcl\NC_038256.2_cds_XP_003556441.1_73506
          Phaseolus_vulgaris_Phvul.010G077634.1
        <sup>1</sup> Medicago_truncatula_lcI\NC_053047.1_cds_XP_013453074.1_31602
           Glycine_max_lcl\NC_038254.2_cds_XP_014626309.1_66370
        Glycine_max_lcl\NC_038254.2_cds_XP_040868077.1_66371
Glycine_max_lcl\NC_038245.2_cds_XP_006587814.1_34058
        Phaseolus_vulgaris_Phvul.008G055600.1
       Cercis_chinensis_GWHTBHAK004812
     Cucumis_sativus_Cucsa.149620.1\PACid16964302
Prunus_persica_Prupe.1G349800.1
          Populus trichocarpa Potri.013G090500.4
         1 Populus_trichocarpa_Potri.013G090500.2
          Populus_trichocarpa_Potri.013G090500.7
         Populus_trichocarpa_Potri.013G090500.1
        Populus trichocarpa Potri.013G090500.6
       Populus trichocarpa Potri.013G090500.5
    Populus_trichocarpa_Potri.019G059200.1
     — Arabidopsis_thaliana_AT2G40730.1
        Solanum_lycopersicum_Solyc06q048890
     Solanum_lycopersicum_Solyc05g052200
Mimulus_guttatus_Migut.F00574.1

    ¬ Actinidia_chinensis_Actinidia 31631.t1

    Actinidia_chinensis_Actinidia13643.t1
     Helianthus_annuus_HanXRQChr14q0460671
  1 1 Helianthus annuus HanXRQChr15g0493711
   Vitis_vinifera_VIT_213s0067g03110.1
  Aquilegia_coerulea_Aqcoe3G083900.3
  1 Aquilegia_coerulea_Aqcoe3G083900.1
 ┌ Cinnamomum kanehirae CKAN 00762000
 1 Liriodendron_tulipifera_Litul.07G010200.1
   Oryza_sativa_LOC_Os01g60440.1
 Brachypodium_distachyon_Bradi2g53460.1
 Asparagus officinalis evm.model.AsparagusV1 04.1621

    Nymphaea colorata Nycol.E01187.1

Amborella trichopoda AmTrH1.08G137500.1
Ginkgo biloba evm.model.chr1.2310
      Ceratopteris_richardii_Ceric.35G029600.5
    The Ceratopteris_richardii_Ceric.35G029600.2
      Ceratopteris richardii Ceric.35G029600.3
     Ceratopteris richardii Ceric.35G029600.4
    Ceratopteris richardii Ceric.35G029600.1
   Ceratopteris richardii Ceric.35G029600.6
  Ceratopteris richardii Ceric.35G029600.7
 <sup>1</sup> Ceratopteris richardii Ceric.35G029600.8
 Marchantia polymorpha Mapoly0025s0051.1
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Arachis duranensis Arachis_hypogaea Arachis_duranensis Arachis_hypogaea Arachis ipaensis Arachis ipaensis Glycine_max Phaseolus vulgaris Medicago truncatula Glycine max Glycine_max Glycine_max Phaseolus_vulgaris Cercis chinensis Cucumis sativus Prunus persica Populus trichocarpa Populus trichocarpa Populus_trichocarpa Populus trichocarpa Populus_trichocarpa Populus trichocarpa Populus trichocarpa Arabidopsis_thaliana Solanum_lycopersicum Solanum lycopersicum Mimulus guttatus Actinidia_chinensis Actinidia_chinensis Helianthus_annuus Helianthus annuus Vitis vinifera Liriodendron tulipifera Orvza sativa Brachypodium distachyon Asparagus officinalis Nymphaea colorata Amborella_trichopoda Ginkgo_biloba Ceratopteris richardii Marchantia polymorpha

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

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