## OG\_104031

## ★Interspecific gene duplication event

Glycine\_max\_lcl\NC\_038247.2\_cds\_XP\_003538133.1\_40854 Glycine\_max\_lcl\NC\_038247.2\_cds\_XP\_014619619.1\_40855 Glycine\_max\_lcl\NC\_038248.2\_cds\_XP\_003539816.1\_43438 Phaseolus vulgaris Phvul.011G092200.1 Medicago\_truncatula\_lcl\NC\_053048.1\_cds\_XP\_003623230.1\_33961 1 Medicago\_truncatula\_lcl\NC\_053048.1\_cds\_XP\_003626285.1 36767 Arachis\_hypogaea\_lcl\NC\_037632.1\_cds\_XP\_025655154.1\_72203 ★ Arachis\_duranensis\_lcl\NC\_029776.2\_cds\_XP\_015967635.1\_27184 Arachis\_hypogaea\_lcl\NC\_037622.1\_cds\_XP\_025701749.1\_24824 Cercis chinensis GWHTBHAK013309 <sup>1</sup> Cercis chinensis GWHTBHAK023190 Cucumis\_sativus\_Cucsa.117160.2\PACid16960689 Cucumis\_sativus\_Cucsa.117160.5 PACid16960692 Cucumis\_sativus\_Cucsa.117160.4\PACid16960691 Cucumis sativus Cucsa.117160.6\PACid16960693 Cucumis\_sativus\_Cucsa.117160.3|PACid16960690 Cucumis sativus Cucsa.117160.1\PACid16960688  $^{\sqcup}$  Arabidopsis thaliana AT5G20890.1 Prunus\_persica\_Prupe.1G357200.1 Populus trichocarpa Potri.001G341100.1 1 Populus trichocarpa Potri.001G341100.5 1 Populus trichocarpa Potri.006G128600.6 1 Populus trichocarpa Potri.006G128600.2 Solanum\_lycopersicum\_Solyc11g069000
Mimulus\_guttatus\_Migut.C00506.1 Coffea\_canephora\_lcl\HG974428.1\_cds\_CDP15566.1\_780 1 Actinidia chinensis Actinidia 37961.t1 <sup>1</sup> Actinidia\_chinensis\_Actinidia29778.t1 Vitis\_vinifera\_VIT\_218s0001g00480.1 Helianthus\_annuus\_HanXRQChr02g0048731 1 Helianthus annuus HanXROChr05q0150641 Aquilegia\_coerulea\_Aqcoe6G198400.1 1 Aquilegia\_coerulea\_Aqcoe6G198400.2 <sup>1</sup> Aquilegia\_coerulea\_Aqcoe7G087800.1 Brachypodium distachyon Bradi2g16500.3 Brachypodium\_distachyon\_Bradi2q16500.1 Oryza\_sativa\_LOC\_Os03g42220.1 Oryza\_sativa\_LOC\_Os05g48290.3 Asparagus officinalis evm.model.AsparagusV1 05.96 Liriodendron tulipifera Litul.02G090500.1 ★1 Cinnamomum\_kanehirae\_CKAN\_02161000 1 Cinnamomum\_kanehirae\_CKAN\_01335600 Amborella trichopoda AmTrH1.13G000900.1 Nymphaea colorata Nycol.K01307.1 <sup>1</sup> Nymphaea colorata Nycol.K01307.2 Ginkgo biloba evm.model.chr8.912 Ceratopteris richardii Ceric.02G085300.1 <sup>1</sup> Ceratopteris richardii Ceric.02G085300.2 └ Marchantia polymorpha Mapoly0071s0007.1 Chlamydomonas reinhardtii Cre09.q416750.t1.2 Dunaliella salina Dusal.0437s00014.1

Glycine max Glycine\_max Glycine\_max Phaseolus\_vulgaris Medicago truncatula Medicago truncatula Arachis\_hypogaea Arachis duranensis Arachis\_hypogaea Cercis chinensis Cercis chinensis Cucumis\_sativus Cucumis sativus Cucumis\_sativus Cucumis sativus Cucumis sativus Cucumis sativus Arabidopsis thaliana Prunus\_persica Populus trichocarpa Populus\_trichocarpa Populus trichocarpa Populus trichocarpa Solanum\_lycopersicum Mimulus\_guttatus Coffea canephora Actinidia chinensis Actinidia\_chinensis Vitis\_vinifera Helianthus\_annuus Helianthus annuus Brachypodium distachyon Brachypodium distachyon Oryza sativa Oryza sativa Asparagus officinalis Liriodendron tulipifera Amborella trichopoda Nymphaea\_colorata Nymphaea colorata Ginkgo biloba Ceratopteris richardii Ceratopteris richardii Marchantia polymorpha Chlamydomonas reinhardtii Dunaliella salina

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

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