## OG\_104012

## ★Interspecific gene duplication event

Medicago truncatula Icl\NC 053048.1 cds XP 039684292.1 33842 Medicago\_truncatula\_lcl\NC\_053048.1\_cds\_XP\_003623161.2\_33844 Medicago\_truncatula\_lcl\NC\_053048.1\_cds\_XP\_039684293.1\_33843 1 Medicago\_truncatula\_lcl\NC\_053048.1\_cds\_XP\_003623166.1\_33845 Glycine\_max\_lcl\NC\_038254.2\_cds\_NP\_001238303.1\_65724 ¶ Glycine\_max\_lcl\NC\_038243.2\_cds\_XP\_003529127.1\_24049 1 Phaseolus\_vulgaris\_Phvul.008G113900.1 Arachis\_hypogaea\_lcl\NC\_037629.1\_cds\_XP\_025633534.1\_54667 ★1 Arachis\_ipaensis\_lcl\NC\_029786.2\_cds\_XP\_016183801.1\_8228 Arachis\_duranensis\_lcl\NC\_029773.2\_cds\_XP\_015950144.1\_7935 <sup>1</sup> Arachis\_hypogaea\_lcl\NC\_037619.1\_cds\_XP\_025652795.1\_7096 Glycine\_max\_lcl\NC\_016090.4\_cds\_XP\_006576151.1\_8308 Glycine\_max\_lcl\NC\_016090.4\_cds\_NP\_001236334.1\_8307 Phaseolus\_vulgaris\_Phvul.010G005500.1 Cercis\_chinensis\_GWHTBHAK030566 — Arabidopsis\_thaliana\_AT3G53980.1 Prunus\_persica\_Prupe.6G264700.1 — Helianthus\_annuus\_HanXRQChr12g0377431 1 Actinidia\_chinensis\_Actinidia05334.t1 Populus trichocarpa Potri.016G104300.1 Vitis\_vinifera\_VIT\_208s0007g01370.1 Liriodendron tulipifera Litul.04G018200.1 1 Liriodendron\_tulipifera\_Litul.04G018400.1 Liriodendron\_tulipifera\_Litul.07G100600.1 Cinnamomum\_kanehirae\_CKAN\_01026200 ─ Ginkgo biloba evm.model.chr9.256 Nymphaea colorata Nycol.E00231.1 Amborella\_trichopoda\_AmTrH1.08G023400.1 Aquilegia\_coerulea\_Aqcoe1G094100.1 1— Asparagus\_officinalis\_evm.model.AsparagusV1\_07.106 Cercis\_chinensis GWHTBHAK024862 Solanum lycopersicum Solyc03q079880 1 Solanum\_lycopersicum\_Solyc05q041140 Helianthus\_annuus\_HanXRQChr14g0458461 Coffea\_canephora\_lcl\HG974429.1\_cds\_CDP00155.1\_6326 — Arabidopsis thaliana AT5G05960.1 ∇itis\_vinifera\_VIT\_213s0019g02690.1 - Cucumis sativus Cucsa.136320.1|PACid16963102 Populus trichocarpa Potri.008G061800.1 Populus\_trichocarpa\_Potri.010G196300.1 <sup>1</sup> Prunus\_persica\_Prupe.2G242800.1 Mimulus\_guttatus\_Migut.F00734.1 Oryza\_sativa\_LOC\_Os05g06780.1 ★1- Brachypodium\_distachyon\_Bradi2g30490.1 Oryza sativa LOC Os04g33920.1 Brachypodium\_distachyon\_Bradi5g09610.1 Oryza\_sativa\_LOC\_Os04g33930.1 1 Brachypodium distachyon Bradi5q09617.1 □ Oryza sativa LOC Os01g62980.1 Asparagus officinalis evm.model.AsparagusV1 06.173 Actinidia chinensis Actinidia28656.t1

Medicago truncatula Medicago\_truncatula Medicago\_truncatula Medicago truncatula Glycine max Glycine max Phaseolus\_vulgaris Arachis\_hypogaea Arachis\_ipaensis Arachis duranensis Arachis\_hypogaea Glycine\_max Glycine max Phaseolus\_vulgaris Cercis chinensis Arabidopsis\_thaliana Prunus persica Helianthus annuus Actinidia\_chinensis Populus trichocarpa Vitis vinifera Liriodendron tulipifera Liriodendron tulipifera Liriodendron\_tulipifera Ginkgo biloba Nymphaea colorata Amborella\_trichopoda Asparagus\_officinalis Cercis chinensis Solanum\_lycopersicum Solanum\_lycopersicum Helianthus\_annuus Coffea canephora Arabidopsis thaliana Vitis vinifera Cucumis sativus Populus trichocarpa Populus trichocarpa Prunus persica Mimulus guttatus Oryza sativa Brachypodium distachyon Oryza sativa Brachypodium\_distachyon Oryza sativa Brachypodium distachyon Oryza sativa Asparagus officinalis Actinidia chinensis

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

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