## OG\_104081

## ★Interspecific gene duplication event

Glycine max IcI\NC 016090.4 cds XP 003521655.1 10341 Glycine\_max\_lcl\NC\_016090.4\_cds\_XP\_014629468.1\_10342 Glycine\_max\_lcl\NC\_038255.2\_cds\_XP\_003554606.1\_70105 Phaseolus vulgaris Phvul.001G223500.1 Medicago\_truncatula\_lcl\NC\_053048.1\_cds\_XP\_024627194.1\_36647 Arachis\_hypogaea\_lcl\NC\_037633.1\_cds\_XP\_025662362.1\_76019 ★<sup>1</sup> Arachis\_ipaensis\_lcl\NC\_029790.2\_cds\_XP\_016205615.1\_31175 1 | Arachis\_duranensis\_lcl|NC\_029777.2\_cds\_XP\_015968698.1\_28794 <sup>1</sup> Arachis\_hypogaea\_lcl\NC\_037623.1\_cds\_XP\_025603784.1\_26311 Cercis chinensis GWHTBHAK005187 - Populus\_trichocarpa\_Potri.005G006500.1 Prunus\_persica\_Prupe.6G307900.1 1 Prunus\_persica\_Prupe.6G308100.1 1 Prunus\_persica\_Prupe.6G308000.1 1 Prunus persica Prupe.6G308000.2 Prunus\_persica\_Prupe.6G308400.2 1 Prunus persica Prupe.6G308400.1 ┌ Arabidopsis\_thaliana\_AT1G09390.1 1 Arabidopsis\_thaliana\_AT1G56670.1 1 Cucumis sativus Cucsa.090420.1 PACid16957293 ─ Solanum lycopersicum Solyc01q100930 1 Coffea canephora Icl\HG974429.1 cds CDP15217.1 9149 - Vitis\_vinifera\_VIT\_214s0060g00680.1 Helianthus\_annuus\_HanXRQChr05g0136321 Liriodendron\_tulipifera\_Litul.13G115000.1 Brachypodium distachyon Bradi2g12340.1 <sup>1</sup> Brachypodium\_distachyon\_Bradi2g12340.2 1\_\_\_ Brachypodium\_distachyon\_Bradi2g12330.1 — Asparagus\_officinalis\_evm.model.AsparagusV1\_07.1126 Asparagus officinalis evm.model.AsparagusV1 08.3270 – Amborella trichopoda AmTrH1.02G138300.1 Nymphaea\_colorata\_Nycol.E00922.1 Solanum\_lycopersicum\_Solyc01g005610 — Cercis chinensis GWHTBHAK005306 Cucumis\_sativus\_Cucsa.192590.1|PACid16968003 ─ Mimulus guttatus Migut. A00853. 1 1 Mimulus\_guttatus\_Migut.D00045.1 Solanum\_lycopersicum\_Solyc01g079160 \_\_ Vitis\_vinifera\_VIT\_207s0005g02040.1 \_1— Vitis\_vinifera\_VIT\_207s0005g02030.1  $^{1}$  Populus trichocarpa Potri.002G191100.1 Aquilegia coerulea Agcoe2G257800.1 <sup>1</sup> Aguilegia coerulea Agcoe2G257800.2 r Helianthus annuus HanXRQChr06g0168061 Helianthus\_annuus\_HanXRQChr06g0168051 1 — Cucumis sativus Cucsa.192580.2 PACid16968002 1 → Arabidopsis thaliana AT3G62280.1 └─ Vitis vinifera VIT 207s0005q02050.1 ─ Aquilegia\_coerulea\_Aqcoe2G258500.1 1 ─ Aquilegia coerulea Aqcoe2G258600.1

Glycine max Glycine\_max Glycine\_max Phaseolus\_vulgaris Medicago truncatula Arachis hypogaea Arachis\_ipaensis Arachis duranensis Arachis\_hypogaea Cercis chinensis Populus\_trichocarpa Prunus\_persica Prunus persica Prunus\_persica Prunus persica Prunus\_persica Prunus persica Arabidopsis thaliana Arabidopsis\_thaliana Cucumis sativus Solanum lycopersicum Coffea canephora Vitis vinifera Helianthus\_annuus Liriodendron tulipifera Brachypodium distachyon Brachypodium\_distachyon Brachypodium\_distachyon Asparagus\_officinalis Asparagus officinalis Amborella trichopoda Nymphaea\_colorata Solanum\_lycopersicum Cercis chinensis Cucumis sativus Mimulus guttatus Mimulus guttatus Solanum lycopersicum Vitis vinifera Vitis vinifera Populus trichocarpa Helianthus annuus Helianthus annuus Cucumis sativus Arabidopsis thaliana Vitis vinifera

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Fabales *Malpighiales* Brassicales Brassicales Solanales Gentianales Vitales **Asterales** Ranunculales Magnoliales Poales **Poales** Poales Asparagales Asparagales **Amborellales** Nymphaeales Solanales Fabales Lamiales Lamiales Solanales Vitales Vitales **Malpighiales** Ranunculales Ranunculales **Asterales Asterales** Brassicales Vitales Ranunculales Ranunculales