## OG\_104076

## ★Interspecific gene duplication event

Arachis\_hypogaea\_lcl\NC\_037634.1\_cds\_XP\_025668005.1\_84942 Arachis\_ipaensis\_lcl\NC\_029791.2\_cds\_XP\_016163767.1\_40504 Arachis\_hypogaea\_lc|\NC\_037634.1\_cds\_XP\_025668008.1\_84945 Arachis\_ipaensis\_lcl\NC\_029791.2\_cds\_XP\_016163766.1\_40503 Arachis\_ipaensis\_lcl\NC\_029791.2\_cds\_XP\_016163768.1\_40505 Arachis\_hypogaea\_lcl\NC\_037634.1\_cds\_XP\_025668007.1\_84944 Arachis\_ipaensis\_lcl\NC\_029791.2\_cds\_XP\_020962221.1\_40507 Arachis\_ipaensis\_lcl\NC\_029791.2\_cds\_XP\_016163769.1\_40506 Arachis\_hypogaea\_lcl\NC\_037634.1\_cds\_XP\_025668006.1\_84943 Arachis\_duranensis\_lcl\NC\_029779.2\_cds\_XP\_020984583.1\_38762 Arachis\_duranensis\_lcl\NC\_029779.2\_cds\_XP\_015935054.1\_38760 Arachis duranensis\_lcl\NC\_029779.2\_cds\_XP\_015935055.1\_38761 Arachis\_hypogaea\_lcl\NC\_037625.1\_cds\_XP\_025613316.1\_34849 Arachis\_hypogaea\_lcl\NC\_037625.1\_cds\_XP\_025613317.1\_34850 Arachis\_duranensis\_lcl\NC\_029779.2\_cds\_XP\_015935057.1\_38759 Arachis\_hypogaea\_lcl\NC\_037625.1\_cds\_XP\_025613319.1\_34848 Arachis ipaensis IcI\NC 029791.2 cds XP 016163770.1 40502 Arachis\_duranensis\_lcl\NC\_029774.2\_cds\_XP\_020993481.1\_11748 Arachis\_duranensis\_lcl\NC\_029774.2\_cds\_XP\_015953445.1\_11746 Arachis\_duranensis\_lcl\NC\_029774.2\_cds\_XP\_020993480.1\_11747 Arachis\_duranensis\_lcl\NC\_029774.2\_cds\_XP\_015953444.1\_11745 Arachis\_hypogaea\_lcl\NC\_037620.1\_cds\_XP\_025687607.1\_10798 Arachis\_hypogaea\_lcl\NC\_037630.1\_cds\_XP\_025643421.1\_58849 1 Arachis\_ipaensis\_lcl\NC\_029787.2\_cds\_XP\_016188298.1\_12573 Glycine\_max\_lcl\NC\_038248.2\_cds\_XP\_003539918.1\_43767 | Glycine\_max\_lcl\NC\_038242.2\_cds\_XP\_014632293.1\_21596 <sup>1</sup> Phaseolus\_vulgaris\_Phvul.011G117200.1 <sup>1\_</sup> Medicago\_truncatula\_lcl\NC\_053045.1\_cds\_XP\_013455584.1\_18849 Cercis\_chinensis\_GWHTBHAK022347 Prunus\_persica\_Prupe.3G155400.1 Mimulus guttatus Migut. H01076.1 Mimulus\_guttatus\_Migut.H01076.2 Helianthus\_annuus\_HanXRQChr17g0553541 Coffea\_canephora\_lcl\HG974432.1\_cds\_CDP14755.1\_13650 <sup>1</sup> Solanum lycopersicum Solyc12q010680 Populus trichocarpa Potri.013G134102.1 Populus\_trichocarpa\_Potri.013G134102.2 1 Populus\_trichocarpa\_Potri.013G134000.1 Liriodendron tulipifera Litul. 13G026700. 1 1— Asparagus\_officinalis\_evm.model.AsparagusV1\_04.3444 Aquilegia coerulea Agcoe4G132400.1 <sup>1</sup> Aguilegia coerulea Agcoe4G132400.2 — Amborella\_trichopoda\_AmTrH1.07G127300.1 1 Nymphaea colorata Nycol.M00287.1 └ Vitis vinifera VIT 212s0059q00170.1 Cucumis sativus Cucsa.119020.1\PACid16960918 - Arabidopsis thaliana AT1G03650.1 r Brachypodium distachyon Bradi3g30047.4 € <sup>1</sup> Oryza sativa LOC Os10g35680.1 - Marchantia polymorpha Mapoly0101s0002.1 Ceratopteris richardii Ceric.38G051500.1

Arachis hypogaea Arachis\_ipaensis Arachis\_hypogaea Arachis\_ipaensis Arachis\_ipaensis Arachis hypogaea Arachis\_ipaensis Arachis ipaensis Arachis\_hypogaea Arachis duranensis Arachis duranensis Arachis\_duranensis Arachis hypogaea Arachis\_hypogaea Arachis duranensis Arachis\_hypogaea Arachis ipaensis Arachis duranensis Arachis\_duranensis Arachis duranensis Arachis\_duranensis Arachis hypogaea Arachis\_hypogaea Arachis\_ipaensis Glycine\_max Glycine max Phaseolus vulgaris Medicago truncatula Cercis\_chinensis Prunus\_persica Mimulus guttatus Mimulus guttatus Helianthus annuus Coffea\_canephora Solanum lycopersicum Populus trichocarpa Populus trichocarpa Populus trichocarpa Liriodendron tulipifera Asparagus officinalis Amborella trichopoda Nymphaea colorata Vitis vinifera Cucumis sativus Arabidopsis thaliana Brachypodium distachyon Oryza sativa Marchantia polymorpha Ceratopteris richardii

Fabaceae Rosaceae Phrymaceae Phrymaceae Asteraceae Rubiaceae Solanaceae Salicaceae Salicaceae Salicaceae Magnoliaceae Asparagaceae Ranunculaceae Ranunculaceae Amborellaceae Nymphaeaceae Vitaceae Brassicaceae Poaceae Poaceae Marchantiaceae

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