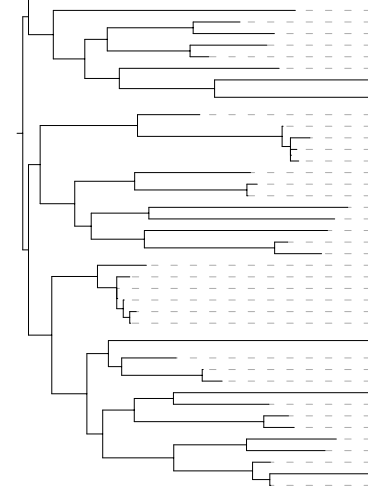
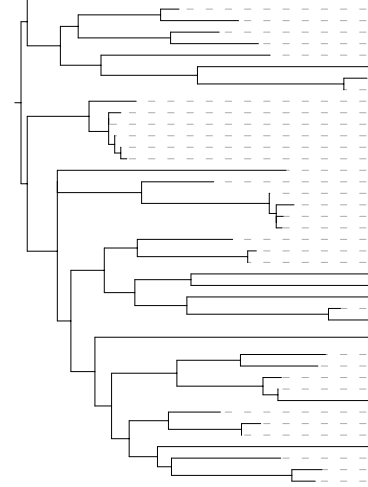


FastTree



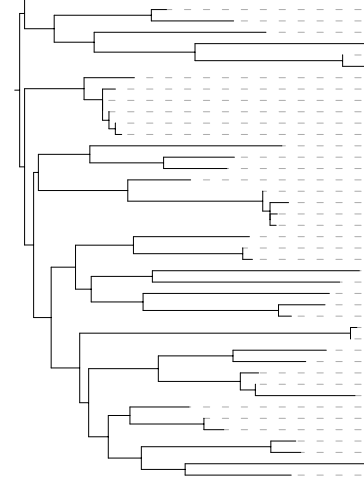
Pinus virens [V12135066] p02671.2 coexp
Prunella verticillata [V1444701] g1444701.2 coexp
Tripterygium wilfordii [c] NC 052233.1 cds XP_038705382.1 1904 cexs
Tripterygium wilfordii [c] NC 052244.1 cds XP_038721147.1 126486 cexs
Salix purpurea [Sapur.019G061200.1 coexp
Populus trichocarpa [Potr.019G057808.1 coexp
Macademia integrifolia [Gma-XM 042647529.1 coexp
Indandromeda tulipifera [Lafra.155016306.1 coexp
Persea amara [Cpam.019G061200.1 coexp KAJ8649799.1 2622 cexs
Cinnamomum tancetia [Cin.009112300 coexp
Prunus persica [Prupe.2G263K00.1 coexp
Fragaria ananassa [Fgme.02223 coexp
Fragaria ananassa [Fgme.84276 coexp
Fragaria vesca [Fgves.02223 coexp
Fragaria vesca [FvH4.7g25890.2 coexp
Vaccinium darwinii [Vadar.g16772.1 coexp
Tamarix ramosissima [TRINITY DNI29134 cd g1 i
Actinidia chinensis [AAcc03638.1 coexp
Helianthus annuus [HanXRRQC806G0221541
Eucumia ulmoides [Ecl.0028336.1 g1069.1 coexp
Elaeagnus argentea [Earg.02223 coexp
Coffea arabica [Gcl.003860.1 cds XP_027104148.1 7067
Coffea arabica [Gcl.003860.1 cds XP_027110611.1 12985
Theobroma cacao [The.1G181440.1 coexp
Gossypium barbadense [Gobar.A05G423500.1 coexp
Gossypium hirsutum [Gohir.A05G433200.2 coexp
Gossypium raimondii [Gora.012G014600.1 PACid-26827842
Gossypium hirsutum [Gohir.D4G014600.1 PACid-26827842
Gossypium hirsutum [Gohir.D4G014600.1 PACid-26827842
Petunia hybrid [TRINITY DNS3205 cd g1 i
Eucalyptus grandis [Eucgr.G03138.1 coexp
Fagus sylvatica [Fsb.10635301 coexp
Quercus rubra [Qrub.06529910.0 coexp
Castanea mollissima [CmlhA609ahY1.066G131900.1
Cassia glauca [Cgsl.0651251229 coexp
Betula piceolata [BpCPr.1G07344 coexp
Garrya elliptica [Gell.02223 coexp
Juniperus regia [Jr.21520.1 p1 coexp
Anacardium occidentale [Anao.0016s1017.1
Anacardium occidentale [Anao.0011s0947.1
Poncirus trifoliata [Pntrf.0004s0281.1
Citrus unshiu [unassigned transcript 21435
Citrus unshiu [unassigned transcript 21438

RAxML



Phs vitifera VIT121306670g22870.2 [cognex](#)
Populus trichocarpa PopTri.019G657800.1 [cognex](#)
Salix purpurea SalPapur.019G661200.1 [cognex](#)
Trifolium wifloridii GfLm.052232.1 cds XP_638705382.1 964 [cognex](#)
Trifolium wifloridii GfLm.052244.1 cds XP_638721147.1 26486 [cognex](#)
Macademia integrifolia Gfma.Xm.042647529.1 [cognex](#)
Liriodendron tulipifera LfLinL.15G516300.1 [cognex](#)
Persea americana GfCan.063969.1 cds KJ_36449799.1 2622 [cognex](#)
Cinnamomum kaneharaense CKAAN.00912300
Thymus caeruleus ThGoss.105181406.1 [cognex](#)
Thymus caeruleus ThGoss.105181406.1 [cognex](#)
Gossypium hirsutum GfGoh. A05G412300.1 [cognex](#)
Gossypium raimondii GfGor.012G201460.1 PAdC-26827842
Gossypium hirsutum GfGoh.D04G012300.1 [cognex](#)
Gossypium barbadense GfGobar.D04G013206.1 [cognex](#)
Primula veris Gpve1714491.1 [cognex](#)
Prunus persica Pru2.26263900.1
Fragaria ananassa @gene20223 [cognex](#)
Fragaria ananassa @gene84276 [cognex](#)
Fragaria vesca FvFH4.7g25890.02 [cognex](#)
Fragaria ananassa @gene2914 [cognex](#)
Vaccinium darwinifolium Vadar.g1677.21 [cognex](#)
Tamarix ramosissima Tamar.019T129134.cd g1 ff
Artemisia tridentata ArTrid.019T129134.cd g1 ff
Helianthus annuus @HanXroChro02201541
Eumecurus ulmoides GfCM202316.1 1069.11 [cognex](#)
Olea europaea @Oeu04164.1 [cognex](#)
Citrus arabica GfC.039900.1 cds XP_027104149.1 7067
Citrus arabica GfC.039900.1 cds XP_027110061.1 12965
Eucalyptus grandis @Eucg.G013138.1 [cognex](#)
Petunia hybrida @TRINITY DN5285.cd g1 ff
Anacardium occidentale @Anaoc.0016s1017.1
Anacardium occidentale @Anaoc.0016s10947.1
Poncirus trifoliata @Pntrf.0004s0281.1
Citrus unshiu @unassigned transcript 21438
Citrus unshiu @unassigned transcript 21438
Fragaria vesca FvFH4.7g25890.02 [cognex](#)
Cassia mellifica @CmMahoNagp11.060313900.1
Quercus laevis @Quib.08G299100.1 [cognex](#)
Cassia grandis @CaspG2633513229 [cognex](#)
Beta platyphyllos @BpChrcr1160734434 [cognex](#)
Juglans regia JfJr12.25120.p1 [cognex](#)
Carya illicinoensis @CilCkLg.02G195900.1 [cognex](#)

IQ-TREE



Pistia vitifera VIT_213506707g02870.2 coexp
Paspalum trichocarpus Pctri0193685780001 coexp
Salix purpurea SAPL019G060.1200.1 coexp
Macadamia integrifolia rna-XM_042647529.2 coexp
Liriodendron tulipifera Ltu1.15G616300.1 coexp
Cinnamomum kanehirae CKAN_00912300
Persea americana LicrCM056899.1 cds KAJ8469799.1 2822 coexp
Theobroma cacao Thecc.17G0181400.1 coexp
Gossypium barbadense GobarA04523300.1 coexp
Gossypium hirsutum GhcD10458506.2 coexp
Gossypium nivescent GncD120204400.1 PACri-26527842
Gossypium hirsutum GhcD1045912300.1 coexp
Gossypium barbadense GobarD040913200.1 coexp
Primerla vertis vprTj4491.1 coexp
Tripterygium wilfordii Licr CM 052244.1 cds Pr 038721141 2648E coexp
Tripterygium wilfordii Licr CM 052232.1 cds Pr 038705382 1904 coexp
Prunus persica Pers.2G26360.1
Fragaria ananassa gene02023 coexp
Fragaria ananassa gene84276 coexp
Fragaria vesca FvH4_7g25896.12 coexp
Fragaria ananassa gene29114 coexp
Vaccinium darwinii Varid.g1677.211 coexp
Chalcidius chinensis Achaenid.1 coexp
Tomark camosoides TRINITY DND10410.1 cds g0 l1
Helianthus annuus HanXRO08h0221541
Eucymia ulmoides LicrCM023316.1g1669.11 coexp
Olea europaea Oleu044164.1 coexp
Coffea arabica Licr CM 03990.1 cds Sp 02711061.1 12985
Coffea arabica Licr CM 03990.1 cds Sp 027104149.1 7067
Eucalyptus grandis EucgrG03138.1 coexp
Petunia hybrida TRINITY DN53285 cd g0 l1
Anacardium occidentale Anaco.0016s1017
Anacardium occidentale Anaco.0011s0947.1
Poncus trifoliata Perf.0004s0281.1
Citrus unshiu unassigned transcript 21438
Citrus unshiu unassigned transcript 21435
Fagus sylvatica FSAB0106536.1 coexp
Quercus rubra Querc.B8G299100.1 coexp
Castanea mollissima CamMahoganyH1.06G131900.1
Citrus limonensis CitLim_ZR0195900.1 coexp
Juglans regia Jri2 25120 p t coexp
Casuarina glauca Casg263S13229 coexp
Betula platyphylloa BPhCr11G07344 coexp