

Phylogenetic tree showing relationships between various plant species and their corresponding gene sequences. The tree is rooted at the bottom left and branches out to the right. Bootstrap values are indicated at the nodes. The sequences are labeled with accession numbers and species names. The tree shows a clear clustering of sequences from the same species, with some sequences from different species showing high similarity.

Species and sequences included in the tree:

- Solyc07g008240.3.1*
- AT2G16060.1*
- VIT_203s0063g01970.4*
- Solyc03g071690.3.1*
- Casgl27S04631_CASGL*
- Casgl27S04597_CASGL*
- Casgl27S04628_CASGL*
- Casgl27S04627_CASGL*
- Casgl27S04626_CASGL*
- Casgl18S10515_CASGL*
- Casgl18S03981_CASGL*
- Casgl43S17728_CASGL*
- Casgl371S16809_CASGL*
- Casgl43S17722_CASGL*
- Nissc524559S27175_NISSC*
- Zenia_GDGH01045060.1*
- Datgl27403S01648frag_DATGL*
- Bhi07M000676*
- AT3G10520.1*
- Qrob_P0017270.2*
- Prosopis_028934373.1*
- Prosopis_028934319.1*
- Prosopis_028934425.1*
- Prosopis_028934413.1*
- Prosopis_028941214.1*
- Prosopis_028927011.1*
- Mimpu4640S24462_MIMPU*
- Prosopis_028908105.1*
- Prosopis_028908104.1*
- Mimpu144781S06534_MIMPU*
- Lup007828.1*
- Lalb_Chr17g0341151.1*
- Lup002398.1*
- Lalb_Chr10g0098701.1*
- Lup007696.1*
- Lalb_Chr03g0037031.1*
- Lup005173.1*
- Lalb_Chr21g0313081.1*
- Abrus_027509873.1*
- Abrus_027508893.1*
- Glyma.10G199100.1*
- Glyma.10G199000.1*
- Glyma.20G191200.1*
- Glyma.10G198800.1*
- Vigun07g190800.2*
- Vigan.08G120800.01*
- Phvul.007G142050.1*
- Glyma.10G198900.2*
- Phvul.007G142600.1*
- Phvul.007G142200.2*
- Phvul.007G141900.1*
- Phvul.007G142500.1*
- Vigan.08G120600.01*
- Vigun07g190900.1*
- Vigun07g190700.1*
- Vigun07g191000.1*
- Lj5g3v0465970.1*
- SNF_Lj5g3v0035290.1*
- SNF_Lj5g3v0035290.2*
- Psat6g173720.1*
- Medtr1g049330.1*
- Medtr1g090820.1*
- Cicer_16113*
- Cicer_23593*
- Medtr7g110180.1*
- Tp57577_TGAC_v2_mRNA4190*
- Psat0s241g0080.1*
- Psat0s241g0120.1*
- Medtr5g081030.1*
- Medtr5g080440.1*
- Medtr5g066070.1*
- Cicer_16084*
- Tp57577_TGAC_v2_mRNA26745*
- Tp57577_TGAC_v2_mRNA26747*
- Tp57577_TGAC_v2_mRNA26719*
- Medtr5g081000.1*
- Medtr5g080900.1*
- Medtr1g011540.1*
- Medtr5g041610.1*
- Psat2g118400.1*
- Psat7g013000.1*
- Psat2g039840.1*
- Psat2g039800.1*
- Psat2g039760.1*
- Psat2g039680.1*
- Psat2g039720.1*
- Psat2g039640.1*
- Psat2g039720.1*
- Psat2g039880.1*
- Tp57577_TGAC_v2_mRNA4051*
- Tp57577_TGA*