

Supplemental Data. Francisco et al. (2013). Plant Cell 10.1105/tpc.112.102152

Supplemental Data Set 2. Alignment used for to generate the phylogenetic tree shown in Figure 1A

Sequence alignment file used for phylogenetic estimation (in the PHYLIP format).

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40 1117
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FSGTVRFNLDPPFSEHNDAGLWEALHRAHIKDVISRNPGLDAEVCEGGENFSVGQRQLLSL
FQGLSRDNLDPGLSEDWRIWEILDCKVKAAVESV - GLDSYVKESGCSFSVGQRQLLCL
FEGSLRDNLDPFRVSDDLKIWKTLERCHVKEEVEVA - GLDIHVKESGTSFSVGQRQLLCL

GRALLRRCRILVLDEATASIDNATDAILQKTIRTEFRDCTVITVAHRIPTVMDCTMV LAM
GRAVLRRSRVLVLDEATASIDNATDLILQKTIRREFADCTVITVAHRIPTVMDCTMV LSI
GRALLRRSRILVLDEATASIDNATDLILQKTIRTEFADCTVITVAHRIPTVMDCTMV LAI
GRALLRRSRILVLDEATASIDNATDLILQKTIRTEFANCTVITVAHRIPTVMDCTMV LAI
ARALLKKSRIILVLDEATASIDNATDSILQKTIRTEFADCTVITVAHRIPTVMDCTMV LTI
GRALLKRSRIILVLDEATASIDNATDSILQKTIRTEFADCTVITVAHRIPTVMDCTMV LAI

DHGLIEEYDTPTRLLENKSSSF AKLVAEYTVRSHSNL
DQGLIKEHDS PARLLED RSSLF SKLVAEYTT SSESKS
DQGLIEEHDS PARLLED KSSSF SKLVAEYT ASSDSRF
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SEGRIAEYDTPAKLLERDDSF SKLIKEYSKRSKGFG
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SDGRVAEFDTPARLLEDKSSMFLKLVTEYSSRSSGIP
DEGKVEYDSP PQLLK DSSSAF SKLVMEFRSSKSS
DAGKAKEFDSPARLLERP - SLFAALVQEYALRSAGI -
DAGKAKEYDSPVRLLERQ - SLFAALVQEYALRSAGI -
DAGRAKEFDKPSRLLERH - SLFGALVQEYANRSAGM -
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DAGQVVEYDTP EELLQDEGSSFSRMV RSTGAANA QYL
DSGQVLEYDTP EELLNEGSSFSKMKSTGAANA EYL
SSGQVLEYDSPQ ELLSRDTS AFFKMHSTGPENGQYL
SSGQVLEYDSPQ ELLSRDTS AFFRMVHSTGPANA QYL
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