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                                                                                F-box
                                                                                FD1
                                                                                         10        20        30        40        50        60        70        80        90
S2-SLF11 P. integrifolia (KJ670428; AIK66451) MMVDGIMKKIHEDVVIYILLGLPVKSLMRLKCISKTWYTLVQSSTFINLHLNRTTTYEDELIFFKRSIKLEPDLFKNILSFLSSDNKDDL
S3-SLF11 P. integrifolia (KJ670429; AIK66452) -MVDGIMKKFHEDVVIYILFRLPVKSLMRLKCISKTWYTLMQSSNFINLHLNRITTYNDEVIFFKRSIKLEPDLFKNILSFLSSDNEDDL
S17-SLF11 P. axillaris (AB933032)             -MVDGIMKKFHEDVVIYILLWLPVKSLMRLKCISKTLYTLIQSSTFVSLHLNRTTSYNDELIFFKRSIKLEPDLFKNILSFLSSDNEDDL
S19-SLF11 P. axillaris (AB933047)             -MVDGIMKKFHEDVVIYILLRLPVKSLMRLKCISKTWYSLMQSSTFINLHLNRTTTYNDELIFFKRSIKLEPDLFKNKLSFLYSDNEDDL
S5-SLF11 P. hybrida (AB932968)                -MVEGIMKKFHEDVVIYILLRLPVKSLMRLKCISKTWYTLMRSSTFINLHLNRTTTYNDELIFFKRSIKLEPDLFKNILSFLYSDNEDDL
S7-SLF11 P. hybrida (AB932982)                -MVDGIMKKFHEDVVIYILLRLPMKSILRFKCISKTWYTLMQSSTFINLHLNRTTTYNDELIFFKRSIKLEPDLFKNILSFLSSDNEDDI
S9-SLF11 P. hybrida (AB932992)                ------MKKIHEDVVIYILLMVPVKSLMRLKCISKTWYALVQSSTFINLHLNRTTTYNDELIFFKRSIKLEPDLFKNILSFLSSDNKDDL
S10-SLF11 P. hybrida (AB933007)               -MVDGIMKKFHEDVVIYILLRLPVKSLMRLKCISKTWYTLMRSSTFINLHLNRTTTYKDELIFFKRSIKLEPDLFKNILSFLSSEYEDDL
S11-SLF11 P. hybrida (AB933019)               -MVDGIMKKFHEDVVIYILLRLPVKSLMRLKCISKTWYTLIQSSTFINLHLNRTTAYNDELIFFKRSIKLEPDLFKNILSFLSSDNEDDL
S22-SLF11 P. hybrida (AB933065)               -MVDGIMKKFHEDVLIYILLRLPVKSLIRLKCISKTWYTLIQSSTFINLHLNRTTTYNDELIFFKRSIKLEPDLFKNILSFLSSDNEDDL

                                                                                FD2
                                                  100       110       120       130       140       150       160       170       180       190       200       210
S2-SLF11          NPVSPDIDVPYLTSDYCSRFHQLIGPCHGLIALTDFTTIVLLNPATRKYRLLPGSPFVCPKGFTFVTRGVGFGYSTAENYYKLVRIFEVYTDPYDRDLDARHSKVEVYDSCTDCWRDLDL
S3-SLF11          NPVSPDIDVPYLTSDYCSRFHQLIGPCRGLIALTDFTVIVLLNPATRKYRLLPGSPFVCPKGFTFVTRGVGFGYSTAENYYKLVRIFEVYTDPYDRDLDARHSKVEVYDSCTDCWRDLDL
S17-SLF11         TPVYPDIDVPYLTSDYCSRFHQLIGPCRGLIALTDFTVIVLLNPATRKYRLLPGSPFVCPKGFTFVTRGVGFGYSTAENYYKLVRIFEVYTDPYDRDLDARHSKVEIYDSCTDCWRDLDL
S19-SLF11         TPVYPDIDVPYLTSDYCSRFHQLIGPCRGLIALTDFTTVIVLLNPATRKYRLLPGSPFVCPKGFTFVTRGVGFGYSTAENYYKLVRIFEVYTDPYDRDLDARHSKVEVYDSCTDCWRDLDL
S5-SLF11          TPVYPDINVPYLTSDYCSRFHQLIGPCRGLIALTDFTVIVLLNPATRKYRLLPGSPFVCPKGFTFVTRGVGFGYSTTESYYKLVRIFEVYTDPYDRDLDARHSKVEIYDSCTDCWRDLDL
S7-SLF11          TPVYPDIDVPYLTSDYCSRFHQLIGPCRGLIALTDFTVIVLLNPATRKYRLLPASPFVCPKGFTFVTRGVGFGYSTAESYYKLVRIFEVYTDPYDRDLDARHSKVEIYDSCTDCWRDLDL
S9-SLF11          NPVSPDIDVPYLTSDYCSRFHQLIGPCRGLIALTDFTTIVLLNPATRKYRLLPGSPFVCPKGFTFVTRGVGFGYALAENYYKLVRIFEVYTDPYDRDLDARHSKVEIYDSCTDCWRDLDL
S10-SLF11         SPVSPDIDVPYLTSDYCSRFHQLIGPCHGLIALTDFTVILLLNPATRKYRILPGSPFVCPKGFTFVTRGVGFGYSTTENYYKLVRIFEVYTDPYDRDLDARHSKVEVYDSCTDCWRDLDL
S11-SLF11         TPVYPDIDVPYLTSDYCSRFHQLIGPCRGLIALTDFTVIVLLNPATRKYRLLPGSPFVCPKGFTFVTRGVGFGYSTAENYYKLVRIFEVYTDPYDRDLDARHSKVEIYDSCTDCWRDLDL
S22-SLF11         TPVYPDIDVPYLTSDYCSRFHQLIGPCRGLIALTDFTVIVLLNPATRKYRLLPGSPFVCPKGFTFVTRGVGFGYSTAENYYKLVRIFEVYTDPYDRDLDARHSKVEIYDSCTDCWRDLDL

                                                  FD2                                                                   FD3
                                                  220       230       240       250       260       270       280       290       300       310       320       330
S2-SLF11          TVKLLPKVRRFACSEIFYNETFHWCAHDDTVMILCLDISLEIFHYMKLPDHCHFWDNKGYGLTVLSNYLTFITYPNPRCALDPGQEFTDIWIMEEYGVNGTWIKKYTVKPLPIESSLSIW
S3-SLF11          TVKLLPKVRRFACSEIFYKETFHWCAHDDAVMILCFDISPETFHYMKLPDHCHFWDNKGYGLTVLSNYLTFITYPNPRCALDPGQEFTDIWIMEEYGVNGTWIKKYTIRPLPIESSLSIW
S17-SLF11         TVKLLPKVRRFACSEIFYKETFHWCAHDDTVMILCFDISLETFHYMNLPDHCHFWDNKGYGLTVLSNYLTFVTYPNPRCALDPGQELTDIWIMEEYGINGTWMKKYTIRPLPIESSLSIW
S19-SLF11         TVKLLPKVRRFACSEIFYKEIFHWCAHDDTVMILCFDISLETFHYMKLPDHCHFWDNKGYGLAVLNNYLTFITYPNPRCALDPGQEFTDIWIMEEYGVNGTWIKKYTIRPLPIESSLAIW
S5-SLF11          TVKLLPKVRRFACSEIFYKETFHWCAHDETVMILCFDISLETFHYMKLPDHCHFWDNKGYGLTVLNNYLTFITYPNPRCALDPGQEFTDIWIMGEYGVNGTWIKKYTIRPLPIESSLAIW
S7-SLF11          TVKLLPKVRRFACSEIFYKETFHWCAHDDTVMILCFDISLETFHYMKLPDHCHFWDNKGYGLTVLSNYLTFITYPNPRCALDPGQEFTDIWIMEEYGVNGTWIKKYTIRPLPIESSLSVW
S9-SLF11          TVKLLPKVRRFACSEIFYKETFHWCAHDDTVMILCFDISLETFHYMNLPDHCHFWDNKGYGLTVLSNYLTFITYPNPRCALDPGQELTDIWIMEEYGINGTWMKKYTIRPLPIESSLSIW
S10-SLF11         TVKLLPKVRRFACSEIFYKETFHWCAHDDTVMILCFDISLETFHYMKLPDHCHFWDNKGYGLTVLNNYLTFITYPNPRCALDPGQEFTDIWIMEEYGVNGTWIKKYTIRPLPIESSLAIW
S11-SLF11         TVKLLPKVRRFACSEIFYKETFHWCAHDDTVMILCFDISLETFHYMKLPDHCHFWDNKGYGLTVLSNYLTFITYPNPRCALDPGQEFTDIWIMEEYGVNGTWIKKYTIRPLPIESSLSVW
S22-SLF11         TVKLLPKVRRFACSETFYKEAFHWCAHDDTVMILCFDIRLETFHYMKLPDHCHFWDNKGYGLTVLSNYLTFITYPNPRCALDPGQEFTDIWIMEEYGANGTWIKKYTIGPLPIESSLSIL
                                                                                                ΔΔ  ΔΔ                                ■
                                                                                FD3
                                                  340       350       360       370       380       390
S2-SLF11          KDHLLLLQTTRGTLSSYNLSSDELKEFNFQGFTSTLRLVVYKESLTIIPRESEHGTRVQTF-------
S3-SLF11          KDHLLLLQSTSGTLGSYNLRSDELKEFNFQGFTSTLRLVIYKESLTIIPRESEDGTKVQTF-------
S17-SLF11         KDHLLLLQSTSGTLSSYNLSSDELKEFNFQGFTSTLRLAVYKESLTIIPRESEDGTKVQTF-------
S19-SLF11         KDNLLLLQSISGTLSTYNLNSDELKEFNLQGFTSTLRLVVYKESLTIIPRESDNGTEVQNFLEYDNLT
S5-SLF11          KDHLLLLQSISGTLSSYNLNSDELKEFNFQGFTSTLRLVVYKESLTIIPRDSEHGTKVQNF-------
S7-SLF11          KDHLLLLQSTSGTLSSYNLSSDELKEFNFQGFTSTLRLVVYKESLTIIPRESEHGTKVQTF-------
S9-SLF11          KDHLLLLQSTSGTLSSYNLSSDELKEFNIQGFTSTLRLVVYKESLTIIPRESEEGTKVQTF-------
S10-SLF11         KDHLLLLQSISGTLSSYNLNSDELKEFNFQGFTSTLRLVVYKESLTTIPRESEHGTKVQNF-------
S11-SLF11         KDHLLLLQSTGGTLSSYNLSSDELKEFNFRGFTSTLRLVVYKESLTIIPRESEHGTKVQTF-----
S22-SLF11         KDHLLLLQSTSGTLSSYNLSSDELKEFNFQGFISTLRLVVYKESLTIIPRESEHGTKVQTF-------
                                                  Δ         ΔΔ         Δ
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Supplementary Fig. S4