

Figure S1

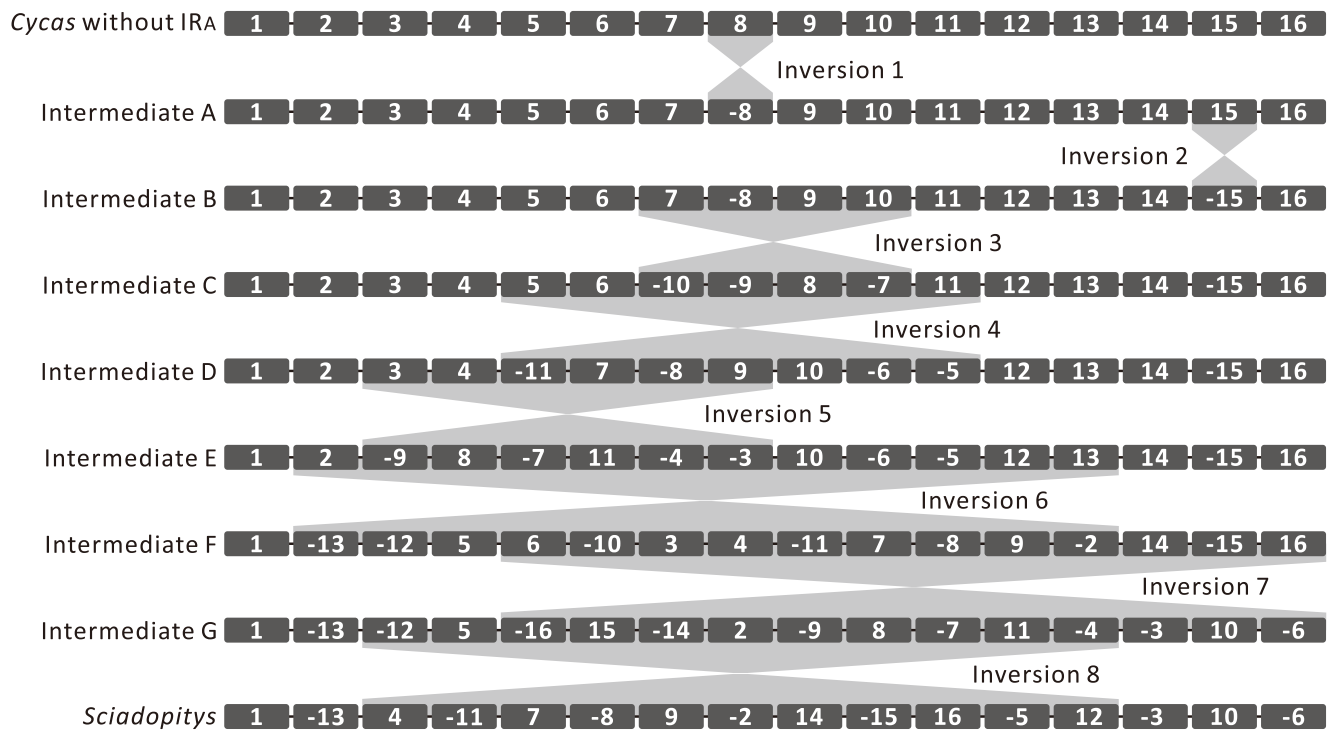


Table S1. Primers used in this study

Primer name	Primer sequence (5'--->3')
rpoC2	TCATTCCAAATTGATTTATAAATCTGGTA
rpl33	ACAAACATACCATTACCGGAGAAATA
rpoC1	AAAATAATATTGTTTCCTATAATAAACCTTCG
rps18	TTGGTCGCGGACGTTTACG
psbB-2	TAGTCCGAGGGGTTGGTTTACTT
atpA-2	ACTAATCCCCTGCCATTACTTGAT
psbT	TTTTCTCCTCTATCCGGAACCTTG
atpF-1	AGAATTCAAAGAATGAGACCATTCACT
SpsbN	ATATCTCGTTTACTTGTAAGCTTACTGGTT
SatpA	TTTTCTCGAAGTAGGAAAAGTTCGATAT
SrpoC2	CTATTTTTTTACTTGTCGTTTCAAATTTG
Srps18	TTACTTAGCTTTACCTTTAAAATAAAAAGAGGT

Table S2. Genes predicted in the plastome of *Sciadopitys*

Functional category	Gene ¹
Photosynthesis-related	
Photosystem I & II	<i>psaA, psaB, psaC, psal, psaJ, psaM, psbA, psbB, psbC, psbD, psbE, psbF, psbH, psbI, psbJ, psbK, psbL, psbM, psbN, psbT, psbZ</i>
ATPase	<i>atpA, atpB, atpE, *atpF, atpH, atpI</i>
Cytochrome b6/f complex	<i>petA, *petB, *petD, petG, petL, petN,</i>
NADH dehydrogenase	<i>*ndhA, *ndhB, ndhC, ndhD, ndhE, ndhF, ndhG, ndhH, ndhI, ndhJ, ndhK</i>
RuBisCO synthesis	<i>rbcL</i>
Gene expression	
Ribosomal protein	<i>*rpl2, rpl14, *rpl16, rpl20, rpl22, rpl23, rpl32, rpl33, rpl36, rps2, rps3, rps4, rps7, rps8, rps11, 5'rps12, *3'rps12, rps14, rps15, *rps16, rps18, rps19</i>
RNA polymerase	<i>rpoA, rpoB, rpoC1, rpoC2</i>
RNA structural gene	
Ribosomal RNA	<i>rrn4.5, rrn5×2, rrn16, rrn23</i>
Transfer RNA	<i>*trnA-UAC, trnC-GCA, trnD-GUC, trnE-UUC, trnF-GAA, trnFM-CAU, trnG-GCC, *trnG-UCC, trnH-GUG, trnI-CAU×2, *trnI-GAU, *trnK-UUU, trnL-CAA, *trnL-UAA, trnL-UAG, trnM-CAU, trnN-GUU, trnP-UGG, trnQ-UUG×2, trnR-ACG, trnR-CCG, trnR-UCU, trnS-GCU, trnS-GGA, trnS-UGA, trnT-GGU, trnT-UGU, trnV-GAC, *trnV-UAC, trnW-CCA, trnY-GUA</i>
Other	<i>ccsA, cemA, chlB, chlL, chlN, clpP, infA, matK, ycf1, ycf2, *ycf3, ycf4</i>
Pseudogene	<i>ΨrpoC1, ΨtrnV-GAC, ΨtrnP-GGG×2, ΨtrnQ-UUG</i>

¹"*": intron-containing genes; "×2": two copies