Table S1 Hybridization probes used in this study

Gene/ Clone	Description	Source	Reference
atp1	PCR product of the gene for ATPase subunit 1	Sugar beet	Kubo et al., Nucleic Acids Research, vol. 28, pp. 2571-2576, 2000; DDBJ/EMBL/GenBank accession no. BA000009
atp4	PCR product of the gene for ATPase subunit 4	Sugar beet	Kubo et al., Theoretical and Applied Genetics, vol. 100, pp. 214-220, 2000; DDBJ/EMBL/GenBank accession no. BA000009
atp6	PCR product of the gene for ATPase subunit 6	Sugar beet	Onodera et al., Journal of Plant Physiology, vol. 155, pp. 656-660, 1999; DDBJ/EMBL/GenBank accession no. BA000009
atp9	PCR product of the gene for ATPase subunit 9	Sugar beet	Kubo et al., Nucleic Acids Research, vol. 28, pp. 2571-2576, 2000; DDBJ/EMBL/GenBank accession no. BA000009
ccmC	PCR product of the gene for cytochrome c maturation	Sugar beet	Kitazaki et al., Journal of Plant Physiology, vol. 166, pp. 775-780, 2009; DDBJ/EMBL/GenBank accession no. BA000009
ccmFC	PCR product of the gene for cytochrome *c* maturation	Sugar beet	Kubo et al., Nucleic Acids Research, vol. 28, pp. 2571-2576, 2000; DDBJ/EMBL/GenBank accession no. BA000009
cox1	PCR product of the gene for cytochrome oxidase subunit 1	Sugar beet	Senda et al., Current Genetics, vol. 19, pp. 175-181, 1991; DDBJ/EMBL/GenBank accession no. BA000009
cox2	Complementary DNA of the gene for cytochrome oxidase subunit 2	Sugar beet	Senda et al., Current Genetics, vol. 19, pp. 175-181, 1991; our unpublished data
cox3	PCR product of the gene for cytochrome oxidase subunit 3	Sugar beet	Kubo et al., Nucleic Acids Research, vol. 28, pp. 2571-2576, 2000; DDBJ/EMBL/GenBank accession no. BA000009
mat-R	PCR product of the maturase-related ORF in the fourth intron of *nad1*	Sugar beet	Kubo et al., Nucleic Acids Research, vol. 28, pp. 2571-2576, 2000; DDBJ/EMBL/GenBank accession no. BA000009
mttB	PCR product of the gene for sec-independent translocase	Sugar beet	Kubo et al., Nucleic Acids Research, vol. 28, pp. 2571-2576, 2000; DDBJ/EMBL/GenBank accession no. BA000009
nad1-e4	PCR product of the fourth exon of *nad1*	Sugar beet	Kubo et al., Nucleic Acids Research, vol. 28, pp. 2571-2576, 2000; DDBJ/EMBL/GenBank accession no. BA000009
nad2-e4	PCR product of the fourth exon of *nad2*	Sugar beet	Kubo et al., Nucleic Acids Research, vol. 28, pp. 2571-2576, 2000; DDBJ/EMBL/GenBank accession no. BA000009
nad3	PCR product of the gene for NADH dehydrogenase subunit 3	Sugar beet	Kubo et al., Nucleic Acids Research, vol. 28, pp. 2571-2576, 2000; DDBJ/EMBL/GenBank accession no. BA000009
nad4	Complementary DNA of the gene for NADH dehydrogenase subunit 2	Sugar beet	Itchoda et al., Theoretical and Applied Genetics, vol. 104, pp. 209-213, 2002; DDBJ/EMBL/GenBank accession no. BA000009
nad4L	PCR product of the gene for NADH dehydrogenase subunit 4L	Sugar beet	Kubo et al., Theoretical and Applied Genetics, vol. 100, pp. 214-220, 2000; DDBJ/EMBL/GenBank accession no. BA000009
nad5-i2	PCR product of the second intron of *nad5*	Sugar beet	Kubo et al., Nucleic Acids Research, vol. 28, pp. 2571-2576, 2000; DDBJ/EMBL/GenBank accession no. BA000009
nad6	PCR product of the gene for NADH dehydrogenase subunit 6	Sugar beet	Kubo et al., Nucleic Acids Research, vol. 28, pp. 2571-2576, 2000; DDBJ/EMBL/GenBank accession no. BA000009
nad7-e3	PCR product of the third exon of *nad7*	Sugar beet	Kubo et al., Nucleic Acids Research, vol. 28, pp. 2571-2576, 2000; DDBJ/EMBL/GenBank accession no. BA000009
nad9	PCR product of the gene for NADH dehydrogenase subunit 9	Sugar beet	Kubo et al., Molecular and General Genetics, vol. 241, pp. 479-482, 1993; DDBJ/EMBL/GenBank accession no. BA000009
rpl5	PCR product of the gene for ribosomal protein L5	Sugar beet	Kubo et al., Nucleic Acids Research, vol. 28, pp. 2571-2576, 2000; DDBJ/EMBL/GenBank accession no. BA000009
rps12	PCR product of the gene for ribosomal protein S12	Sugar beet	Kubo et al., Nucleic Acids Research, vol. 28, pp. 2571-2576, 2000; DDBJ/EMBL/GenBank accession no. BA000009
rps13	PCR product of the gene for ribosomal protein S13	Sugar beet	Kubo et al., Nucleic Acids Research, vol. 28, pp. 2571-2576, 2000; DDBJ/EMBL/GenBank accession no. BA000009
rps3	PCR product of the gene for ribosomal protein S3	Sugar beet	Kubo et al., Nucleic Acids Research, vol. 28, pp. 2571-2576, 2000; DDBJ/EMBL/GenBank accession no. BA000009
rps4	PCR product of the gene for ribosomal protein S4	Sugar beet	Itchoda et al., Journal of Plant Physiology, vol. 159, pp. 211-215, 2002; DDBJ/EMBL/GenBank accession no. BA000009
rps7	PCR product of the gene for ribosomal protein S7	Sugar beet	Estiati et al., Physiologia Plantarum, vol. 102, pp. 325-327, 1998; DDBJ/EMBL/GenBank accession no. BA000009
rrn18	PCR product of the gene for 18S ribosomal RNA	Sugar beet	Kubo et al., Nucleic Acids Research, vol. 28, pp. 2571-2576, 2000; DDBJ/EMBL/GenBank accession no. BA000009
rrn26	PCR product of the gene for 26S ribosomal RNA	Sugar beet	Kubo et al., Nucleic Acids Research, vol. 28, pp. 2571-2576, 2000; DDBJ/EMBL/GenBank accession no. BA000009
trnC1-GCA	PCR product of the gene for $tRNA^{Cys1}$(GCA)	Sugar beet	Kubo et al., Nucleic Acids Research, vol. 28, pp. 2571-2576, 2000; DDBJ/EMBL/GenBank accession no. BA000009
trnC2-GCA	PCR product of the gene for $tRNA^{Cys2}$(GCA)	Sugar beet	Kubo et al., Nucleic Acids Research, vol. 28, pp. 2571-2576, 2000; DDBJ/EMBL/GenBank accession no. BA000009
trnE-UUC	PCR product of the gene for $tRNA^{Glu}$(UUC)	Sugar beet	Kubo et al., Nucleic Acids Research, vol. 28, pp. 2571-2576, 2000; DDBJ/EMBL/GenBank accession no. BA000009
trnG-GCC	PCR product of the gene for $tRNA^{Gly}$(GCC)	Sugar beet	Kubo et al., Nucleic Acids Research, vol. 28, pp. 2571-2576, 2000; DDBJ/EMBL/GenBank accession no. BA000009
trnI-CAU	PCR product of the gene for $tRNA^{Ile}$(CAU)	Sugar beet	Kubo et al., Nucleic Acids Research, vol. 28, pp. 2571-2576, 2000; DDBJ/EMBL/GenBank accession no. BA000009
trnY-GUA	PCR product of the gene for $tRNA^{Tyr}$(GUA)	Sugar beet	Kubo et al., Nucleic Acids Research, vol. 28, pp. 2571-2576, 2000; DDBJ/EMBL/GenBank accession no. BA000009
368Xb-4	The 2.9 kb *Xba*I fragment of the phage clone #368 of TK81-O	Sugar beet	Kubo et al. Current Genetics, vol. 28, pp. 235-241, 1995
344Xb-5	The 4.0 kb *Xba*I fragment of the phage clone #344 of TK81-O	Sugar beet	Kubo et al. Current Genetics, vol. 28, pp. 235-241, 1995
542Xb-11	The 4.5 kb *Xba*I fragment of the phage clone #542 of TK81-O	Sugar beet	Kubo et al. Current Genetics, vol. 28, pp. 235-241, 1995
592Sl-2	The 4.5 kb *Xba*I fragment of the phage clone #592 of TK81-O	Sugar beet	Kubo et al. Current Genetics, vol. 28, pp. 235-241, 1995