Table S3. The list of the full names of the analyzed genes and appropriate abbreviations.

Organelles	Category	Genes
Mitochondrion	**Respiration chain complexes**	
	Complex I (Nicotinamide adenine dinucleotide dehydrogenase, NADH)	*nad1, nad2, nad3, nad4, nad4L, nad5, nad6, nad7, nad9*
	Complex II (Succinate dehydrogenase, SDH)	*sdh3, sdh4*
	Complex III (Cytochrome b)	*cob*
	Complex IV (Cytochrome c oxidase)	*cox1, cox2, cox3*
	Complex V (ATP synthase)	*atp1, atp4, atp6, atp8,*
	Cytochrome c biogenesis	*ccmB, ccmC, ccmFC, ccmFN*
	Translation	
	Ribosomal proteins (Large subunit, LSU)	*rpl2, rpl5, rpl6, rpl10, rpl16*
	Ribosomal proteins (Small subunit, SSU)	*rps1, rps2, rps3, rps4, rps7, rps10, rps11, rps12, rps13, rps14, rps19*
	Others	
	Intron maturase	*matR, mttB*
Chloroplast	**Photosynthesis**	
	RuBisCO large subunit	*rbcL*
	Photosystem I	*psaA, psaB, psaC, psaI, psaJ*
	Assembly/stability of photosystem I	*ycf3, ycf4*
	Photosystem II	*psbA, psbB, psbC, psbD, psbE, psbF, psbH, psbI, psbJ, psbK, psbL, psbM, psbN, psbT, psbZ*
	Cytochrome b/f complex	*petA, petB, petD, petG, petL, petN*
	C-type cytochrome	*ccsA*
	ATP synthase	*atpA, atpB, atpE, atpF, atpH, atpI*
	Nicotinamide adenine dinucleotide dehydrogenase (NADH)	*ndhA, ndhB, ndhC, ndhD, ndhE, ndhF, ndhG, ndhH, ndhI, ndhJ, ndhK*
	Transcription and translation	
	Ribonucleic acid (RNA) polymerase	*rpoA, rpoB, rpoC1, rpoC2*
	Ribosomal protein (Large subunit, LSU)	*rpl2, rpl14, rpl16, rpl20, rpl22, rpl23, rpl32, rpl33, rpl36*
	Ribosomal proteins (Small subunit, SSU)	*rps2, rps3, rps4, rps7, rps8, rps11, rps12, rps14, rps15, rps16, rps18, rps19*
	Transfer ribonucleic acid (tRNA)	*trnA, trnC, trnD, trnE, trnF, trnG, trnH, trnI, trnK, trnL, trnM, trnN, trnP, trnQ, trnR, trnS, trnT, trnV, trnW, trnY*
	Others	
	Maturase	*matK*
	Acetyl-CoA carboxylase subunit	*accD*
	Inorganic carbon uptake	*cemA*
	ATP-dependent protease subunit	*clpP*
	Conserved reading frames (ycfs)	*ycf1, ycf2*