

Table S2. List of unique genes identified in plastomes of *P. franchetii*

Category of Genes	Group of gene	Name of gene
Self-replication	Ribosomal RNA genes	<i>rrn4.5, rrn5, rrn16, rrn23</i>
	Transfer RNA genes	<i>trnC-GCA, trnD-GUC, trnE-UUC, trnF-GAA, trnG-GCC, trnG-UCC*, trnH-GUG, trnI-CAU, trnK-UUU*, trnL-CAA, trnL-UAA*, trnL-UAG, trnM-CAU, trnP-UGG, trnQ-UUG, trnR-UCU, trnS-GCU, trnS-GGA, trnS-UGA, trnT-UGU, trnT-GGU, trnV-GAC, trnV-UAC*, trnY-GUA, trnW-CCA, trnM-CAU, trnA-UGC*, trnI-GAU*, trnN-GUU, trnR-ACG</i>
	Ribosomal protein (small subunit)	<i>rps2, rps3, rps4, rps7, rps8, rps11, rps12**, rps14, rps15, rps16*, rps18, rps19</i>
	Ribosomal protein (large subunit)	<i>rpl2*, rpl14, rpl16*, rpl20, rpl22, rpl23, rpl32, rpl33, rpl36</i>
	RNA polymerase	<i>rpoA, rpoB, rpoC1*, rpoC2</i>
	Translational initiation factor	<i>infA</i>
Genes for photosynthesis	Subunits of photosystem I	<i>psaA, psaB, psaC, psaI, psaJ, ycf3**, ycf4</i>
	Subunits of photosystem II	<i>psbA, psbB, psbC, psbD, psbE, psbF, psbH, psbI, psbJ, psbK, psbL, psbM, psbN, psbT, psbZ</i>
	Subunits of cytochrome	<i>petA, petB*, petD*, petG, petL, petN</i>
	Subunits of ATP synthase	<i>atpA, atpB, atpE, atpF*, atpH, atpI</i>
	Large subunit of Rubisco	<i>rbcL</i>
	Subunits of NADH dehydrogenase	<i>ndhA*, ndhB*, ndhC, ndhD, ndhE, ndhF, ndhG, ndhH, ndhI, ndhJ, ndhK</i>
Other genes	Maturase	<i>matK</i>
	Envelope membrane protein	<i>cemA</i>
	Subunit of acetyl-CoA	<i>accD</i>
	Synthesis gene	<i>ccsA</i>
	ATP-dependent protease	<i>clpP**</i>
	Component of TIC complex	<i>ycf1</i>
Genes of unknown function	Conserved open reading frames	<i>ycf2</i>

*: Gene with one intron

**: Gene with two introns.