

Table S2. Functions of transcripts edited in the Arabidopsis plastid. PE – partially edited (<50%) in the wild type.

Gene function	Biological process	Gene abbreviation	Edited nucleotide	Affected in
β subunit of acetyl-CoA carboxylase	Fatty acid synthesis	<i>accD</i>	C794	<i>orm6</i>
		<i>accD</i>	C1568	<i>orm1</i>
F subunit of ATP synthase	Photophosphorylation	<i>atpF</i>	C92	
Caseinolytic protease P1	Protein quality control	<i>clpP</i>	C559	<i>orm1</i>
Maturase K	RNA splicing	<i>matK</i>	C706	<i>orm1</i>
B subunit of NADH dehydrogenase	Cyclic electron flow	<i>ndhB</i>	C149	
		<i>ndhB</i>	C467	<i>orm1</i>
		<i>ndhB</i>	C586	<i>orm1</i>
		<i>ndhB</i>	C746	<i>orm1</i>
		<i>ndhB</i>	C830	<i>orm1</i>
		<i>ndhB</i>	C836	<i>orm1</i>
		<i>ndhB</i>	C872	<i>orm1</i>
		<i>ndhB</i>	C1255	<i>orm1</i>
		<i>ndhB</i>	C1481	
D subunit of NADH dehydrogenase	Cyclic electron flow	<i>ndhD</i>	C2 ^{PE}	<i>orm1</i>
		<i>ndhD</i>	C383	
		<i>ndhD</i>	C674	<i>orm1</i>
		<i>ndhD</i>	C878	<i>orm1</i>
		<i>ndhD</i>	C887	<i>orm1</i>
F subunit of NADH dehydrogenase	Cyclic electron flow	<i>ndhF</i>	C290 ^{PE}	
G subunit of NADH dehydrogenase	Cyclic electron flow	<i>ndhG</i>	C50	<i>orm1</i>
L subunit of cytochrome <i>b₆f</i>	Photosynthetic electron transport	<i>petL</i>	C5 ^{PE}	
α subunit of cytochrome <i>b₅₅₉</i> in PSII	Photosynthetic electron transport	<i>psbE</i>	C214	
β subunit of cytochrome <i>b₅₅₉</i> in PSII	Photosynthetic electron transport	<i>psbF</i>	C77	<i>orm6</i>
Z subunit of PSII	Photosynthetic electron transport	<i>psbZ</i>	C50	
Ribosomal protein L23	Translation	<i>rpl23</i>	C89	
α subunit of RNA polymerase	Transcription	<i>rpoA</i>	C200	<i>orm1</i>
β subunit of RNA polymerase	Transcription	<i>rpoB</i>	C338	<i>orm1</i>
		<i>rpoB</i>	C551 ^{PE}	<i>orm1</i>
		<i>rpoB</i>	C2432	<i>orm1</i>
β' subunit of RNA polymerase	Transcription	<i>rpoC1</i>	C488 ^{PE}	
Ribosomal protein S12	Translation	<i>rps12-intron</i>	C(i1 58) ^{PE}	<i>orm1</i>
Ribosomal protein S14	Translation	<i>rps14</i>	C80	
		<i>rps14</i>	C149	<i>orm1</i>