

Supplemental Table 1. Peptide mass finger printing of chloroplast PG proteins separated by 1-DE gels.

Acc	name	gel band	# peptides	Coverage
At1g79600.1	ABC1 kinase	1	12	21%
At4g31390.1	ABC1 kinase	2	9	17%
At4g19170.1	9-cis-epoxycarotenoid dioxygenase (CCD4)	3	16	31%
At5g42650.1	allene oxide synthase (AOS)	4	13	31%
AtCg00120	CF1a - atpA	4	15	29%
AtCg00480	CF1b - atpB	4	17	38%
At4g32770.1	VTE1 - tocopherol cyclase (TC)	5	12	28%
At5g08740.1	pyridine nucleotide-disulphide oxidoreductase (DhnA-like)	5	13	28%
At2g21330.1	fructose-bisphosphate aldolase-1	6	16	35%
At2g35490.1	fibrillin (FIB2)	6	9	28%
At4g38970.1	fructose-bisphosphate aldolase-2	6	19	47%
At1g09340.1	Rap38	7	15	44%
At2g41040.1	Ubie_methyl transferase-related	8	7	23%
At3g10130.1	SOUL heme-binding	9	9	33%
At3g58010.1	fibrillin FIB7a)	10	9	37%
At4g04020.1	fibrillin (FIB1a)	10	13	48%
At4g22240.1	fibrillin (FIB1b)	10	10	38%
At3g23400.1	fibrillin (FIB4)	11	9	43%
At4g10340.1	LHCII-5 - CP26	12	4	17%
At4g13200.1	expressed protein	13	8	56%
At2g20260.1 [a]	psaE-2 subunit IV	14	4	46%

Accession number, protein name, gel band where the protein were identified, number of matched peptides and sequence coverage are reported. [a] Cannot distinguish between At4g28750.1 and At2g20260.1