

Supplemental Table 1. Wu and Bock (2021). The Plant Cell. Control of retrograde signaling by GUNs.List of genes mentioned in the review. All of those listed are from *Arabidopsis thaliana*, with the exception of HvCMF7 from *Hordeum vulgare*.

Gene name	Full name	Other acronym	AgI ID
<i>GUN1</i>	GENOMES UNCOUPLED1		At2g31400
<i>GUN2</i>	GENOMES UNCOUPLED2	HY1	At2g26670
<i>GUN3</i>	GENOMES UNCOUPLED3	HY2	At3g09150
<i>GUN4</i>	GENOMES UNCOUPLED4		At3g59400
<i>GUN5</i>	GENOMES UNCOUPLED5		At5g13630
<i>GUN6</i>	GENOMES UNCOUPLED6	FC1	At5g26030
<i>ABI4</i>	ABSCISIC ACID INSENSITIVE4		At2g40220
<i>accD</i>	ACETYL-COA CARBOXYLASE CARBOXYL TRANSFERASE SUBUNIT BETA		AtCg00500
<i>CCR2</i>	CAROTENOID CHLOROPLAST REGULATION2		At1g06820
<i>CHLD</i>	CHLD subunit of magnesium chelatase	ALB1	At1g08520
<i>CHL1</i>	CHL1 subunit of magnesium chelatase	CH42, CS	At4g18480
<i>Clp</i>	CLP PROTEASE (CASEINOLYTIC PROTEASE)		multisubunit protein complex
<i>ClpB3</i>	CASEINOLYTIC PROTEINASE SUBUNIT B3	APG6	At5g15450
<i>ClpC1</i>	CLPC HOMOLOGUE 1	HSP93-V	At5g50920
<i>clpP1</i>	CASEINOLYTIC PROTEASE CATALYTIC SUBUNIT 1		AtCg00670
<i>ClpR1</i>	CLP PROTEASE NON-PROTEOLYTIC SUBUNIT 1	SVR2	At1g49970
<i>cpHSC70</i>	CHLOROPLAST HEAT SHOCK PROTEIN 70-1		At4g24280
<i>cpHSC70-2</i>	CHLOROPLAST HEAT SHOCK PROTEIN 70-2		At5g49910
<i>CPN60</i>	chloroplasts chaperonins		several genes
<i>DXS</i>	deoxyxylulose 5-phosphate synthase	CLA	At4g15560
<i>FC2</i>	FERROCHELATASE2		At2g30390
<i>FUG1</i>	FU-GAERI1		At1g17220
<i>GLK1</i>	GOLDEN2-LIKE 1		At2g20570
<i>HSP90</i>	HEAT SHOCK PROTEIN 90		several genes
<i>LHCA4</i>	LIGHT-HARVESTING CHLOROPHYLL-PROTEIN COMPLEX I SUBUNIT A4	CAB4	At3g47470
<i>LHCB</i>	LIGHT HARVESTING CHLOROPHYLL A/B BINDING PROTEIN		several genes
<i>MORF2</i>	MULTIPLE ORGANELLAR RNA EDITING FACTOR2		At2g33430
<i>MORF9</i>	MULTIPLE ORGANELLAR RNA EDITING FACTOR9		At1g11430
<i>NCP</i>	NUCLEAR CONTROL OF PEP ACTIVITY		At2g31840
<i>PAP7</i>	plastid-encoded RNA polymerase-associated protein 7	pTAC14	At4g20130
<i>PAP8</i>	plastid-encoded RNA polymerase-associated protein 8	pTAC6	At1g21600
<i>PBGD</i>	porphobilinogen deaminase	HEMC	At5g08280
<i>PPI1</i>	PLASTID PROTEIN IMPORT 1	TOC33	At1g02280
<i>PPI2</i>	PLASTID PROTEIN IMPORT 2	TOC159	At4g02510
<i>PRIN2</i>	PLASTID REDOX INSENSITIVE2		At1g10522
<i>PRORS1</i>	PROLYL-TRNA SYNTHETASE 1	OVA6	At5g52520
<i>PRPL11</i>	PLASTID RIBOSOMAL PROTEIN L11		At1g32990
<i>PRPL24</i>	PLASTID RIBOSOMAL PROTEIN L24	SVR8	At5g54600
<i>PRPS1</i>	PLASTID RIBOSOMAL PROTEIN S1		At5g30510
<i>PRPS17</i>	PLASTID RIBOSOMAL SMALL SUBUNIT PROTEIN 17		At1g79850
<i>psbD</i>	PHOTOSYSTEM II REACTION CENTER PROTEIN D		AtCg00270
<i>PTM</i>	PHD TYPE TRANSCRIPTION FACTOR WITH TRANSMEMBRANE DOMAINS		At5g35210
<i>RBCS</i>	RUBISCO SMALL SUBUNIT		several genes
<i>RCB</i>	REGULATOR OF CHLOROPLAST BIOGENESIS	SVR4	At4g28590
<i>rpo</i>	Plastid DNA-dependent RNA polymerase (plastid encoded)		multisubunit protein complex
<i>RpoTp</i>	Plastid DNA-dependent RNA polymerase (nucleus encoded)	SCA3	At2g24120
<i>SG1</i>	SLOW GREEN 1		At3g18420
<i>SICY192</i>	SUGAR INDUCIBLE COTYLEDON YELLOW 192		At5g22510
<i>SIG2</i>	SIGMA FACTOR 2		At1g08540
<i>SIG5</i>	SIGMA FACTOR 5		At5g24120
<i>SIG6</i>	SIGMA FACTOR 6		At2g36990
<i>TIC40</i>	TRANSLOCON AT THE INNER ENVELOPE MEMBRANE OF CHLOROPLASTS 40		At5g16620
<i>TOC75-III</i>	TRANSLOCON AT THE OUTER ENVELOPE MEMBRANE OF CHLOROPLASTS 75-III		At3g46740
<i>UROD2</i>	uroporphyrinogen III decarboxylase	HEME2	At2g40490
<i>VAR1</i>	VARIEGATED 1	FTSH5	At5g42270
<i>VAR2</i>	VARIEGATED 2	FTSH2	At2g30950
<i>CIA2</i>	CHLOROPLAST IMPORT APPARATUS 2		At5g57180
<i>HvCMF7</i>	CONSTANS, CO-LIKE, and TOC1 (CCT) MOTIF FAMILY 7	ALBOSTRIANS	MLOC_670 (IBSC)