

**Table 3****Table 3 : Proteins involved in plant cell processes with independent changes in abundance and/or phosphorylation.**

Biological Process	AGI	Name	Description	Abundance (A) / Phosphorylation (P)
Translation	AT5G54940	eIF1	Translation initiation factor SUI1 family protein	A
	AT1G72340	eIF2Bc-a	NagB/RpiA/CoA transferase-like superfamily protein	A
	AT1G27400	RPL17A	Ribosomal protein L22p/L17e family protein	A
	AT1G33120	RPL9B	Ribosomal protein L6 family	A
	AT4G10450	RPL9D	Ribosomal protein L6 family	A
	AT1G77940	RPL30B	Ribosomal protein L7Ae/L30e/S12e/Gadd45 family	A
	AT3G45030	RPS20A	Ribosomal protein S10p/S20e family protein	A
	AT5G64140	RPS28C	Ribosomal protein S28	A
	AT3G02560	RPS7B	Ribosomal protein S7e family protein	A
	AT1G25260		Ribosomal protein L10 family protein	A
	AT5G24490	mito30S	30S ribosomal protein	A
	AT1G07830	mitoL29	Ribosomal protein L29 family protein	A
	AT4G11120	mitoEF-Ts	Translation elongation factor Ts (EF-Ts)	A
	AT3G08740	chloroEF-P	Elongation factor P (EF-P) family protein	A
	AT5G54600	chloroL24	Translation protein SH3-like family protein	A
	AT1G13020	eIF4B	Eukaryotic initiation factor 4B2	P
	AT3G13920	eIF4A	Eukaryotic translation initiation factor 4A1	P
	AT5G38640	eIF2Bc-d	NagB/RpiA/CoA transferase-like superfamily protein	P
	AT3G13920	eIF4A	Eukaryotic translation initiation factor 4A1	P
	AT4G20980	eIF3-d	Eukaryotic translation initiation factor 3 subunit 7	P
	AT4G31700	RPS6A	Ribosomal protein S6	P
	AT5G10360	RPS6B	Ribosomal protein S6e	P
	AT2G23350	PABP	Poly(A) binding protein 4	P
Fatty Acid & Lipid Biosynthesis	AT2G33150	KAT2/PKT3	Peroxisomal 3-ketoacyl-CoA thiolase 3	A
	AT3G15290	MFP2/AIM1-like	3-hydroxyacyl-CoA dehydrogenase family protein	A
Primary Metabolism	AT1G77760	NIA1	Nitrate reductase 1	P
	AT1G37130	NIA2	Nitrate reductase 2	P
	AT2G42600	PEPC2	Phosphoenolpyruvate carboxylase 2	P
	AT3G14940	PEPC3	Phosphoenolpyruvate carboxylase 3	P
	AT5G20280	SPS1F	Sucrose phosphate synthase 1F	P
Carbohydrate Metabolism	AT1G32900	GBSS1	Granule bound starch synthase 1	A
	AT5G19220	ADG2	ADP glucose pyrophosphorylase	A
	AT1G03310	DBE1	Debranching enzyme 1	A
	AT3G23920	BAM1	Beta-amylase 1	P
Cell wall	AT5G09870	CESA5	Cellulose synthase 5	P
	AT3G07330	CSLC6	Cellulose-synthase-like C6	P
	AT2G18960	HA1	H <sup>+</sup> -ATPase 1	P