

Table S1. List of primers used in the experiment.

Unigene	Nr annotation	Gene	Primer pairs: F/R	Size (bp)	Efficiency
Unigene5393_All	cytosolic glutamine synthetase	GS1	TGATCCAAAGCCCATCCCTG/ TGTTAGCCACTCCCCACAAG	230	1.975
Unigene29790_All	plastid glutamine synthetase 2	GS2	TGATGGTTCGAGCACAGGAC/ TCTCAGCAGCTTTGTGTCGT	173	2.074
Unigene54171_All	NADH-dependent glutamate synthase 1	GOGAT1	GGGTGAACCTCATGGCTGAA/ CCTGACAAGTCCCGTCCTTC	169	2.185
Unigene70174_All	Ferredoxin-dependent glutamate synthase	GOAGT2	ATTGGTCCCTTTGATCGGCT/ GGGCATGGTGTCTTTTGCATT	189	1.937
Unigene5295_All	NADH-glutamate dehydrogenase	GDH	GCATAGGCTGTAACCCGTCT/ TCAGGAGCTGGTACGTCAGT	115	1.918
Unigene31433_All	Clathrin adaptor complexes	CAC	CGTGCCTTCTGATGCGACTA/ TGCCTCTTCACTTGTGATGCT	166	2.028