Supplementary Table S1. Plasmids used in this study.

Constructed plasmids	DNA template	Primer sequences
p2K-Ubi-OsNPP1 [1]		
p2K-Ubi-OsNPP2	pOsNPP2	5'-agggatcccatgaggttcttgactatggca -3' 5'-atggtacctcatactgccaaggtggt-3'
p2K-Ubi-OsNPP6	pOsNPP6	5'-atggatccatggcgatgccgctgggtggt-3' 5'-aaggtacctcacgtcgccggcgggat-3'
pGFP [2]		
pZH2B-35SGFP [2]		
pWxTP-DsRed [3]		
pZH2B-35S-OsNPP1-GFP	pOsNPP1	5'-ttggatccatggttagtaggaagagagga-3' 5'-gaaggatccggaggcgagcgtggtgggga-3'
pZH2B-35S-OsNPP2-GFP	pOsNPP2	5'-cgcggatccatgaggttcttgactatggca -3' 5'-aaggatcctactgccaaggtggttct-3'
pZH2B-35S-OsNPP6-GFP	pOsNPP6	5'-tttggatccatggcgatgccgctgggtggg-3' 5'-ttggatcccgtcgccggcgggatgg-3'
pMT121-ARF1 Q71L [4]		
pST-mRFP [5]		

[1] Nanjo et al. (2006) Rice plastidial *N*-glycosylated nucleotide pyrophosphatase/ phosphodiesterase is transported from the ER-Golgi to the chloroplast through the secretory pathway. *Plant Cell* **1**8: 2582-2592.

[2] Asatsuma et al. (2005) Involvement of α-amylase I-1 in starch degradation in rice chloroplasts. *Plant Cell Physiol.* 46: 858-869.

[3] Kitajima et al. (2009) The rice α-amylase glycoprotein is targeted from the Golgi apparatus through the secretory pathway to the plastids. *Plant Cell* 21: 2844-2858.

[4] Takeuchi et al. (2002) Arf1 GTPase plays roles in the protein traffic between the endoplasmic reticulum and the Golgi apparatus in tobacco and *Arabidopsis* cultured cells. *Plant J.* 31: 499-515.

[5] Matsuura-Tokita et al. (2006) Live imaging of yeast Golgi cisternal maturation. *Nature* 441: 1007–1010.