Supplementary Fig. S3. Distribution of NPP1 on a density Percoll centrifugation gradient. Shoot extract of UNP1 loaded onto a discontinuous Percoll gradient and centrifuged as indicated in Materials and Methods. Samples fractionated were then subjected to immunoblot analyses with anti-NPP1 (upper panel), anti-Rubisco large subunit (RbcL) (middle panel; chloroplast stroma marker), and anti-UDP-glucose pyrophosphorylase (UGP) antibodies (lower panel; cytosol marker). Intact chloroplasts were distributed on the top fractions of 80% Percoll. C, crude extract.