



**Supplemental Figure S2.** *AtCPT1* overexpression leads to long-chain dolichols accumulation in Arabidopsis and Nicotiana leaves. (A) Relative expression of *AtCPT1* in Arabidopsis leaves of the wild type (Col-0) and *AtCPT1* overexpressing line (*CPT1-OE*). *AtCPT1* mRNA abundance was quantified by Real-Time PCR and is presented as a percentage of the wild type roots (100%). (B) HPLC/UV chromatogram of total polyisoprenoid mixture extracted from WT and *CPT1-OE* Arabidopsis leaves. (C) HPLC/UV chromatogram of total polyisoprenoid mixture extracted from *Nicotiana benthamiana* mock leaves and those infiltrated with Arabidopsis *CPT1*, four days post infiltration (dpi). The family of dolichols (D18 – P25, with dominating P23) synthesized by *AtCPT1* is indicated.