

Dry seed

5h-Imbibed seed

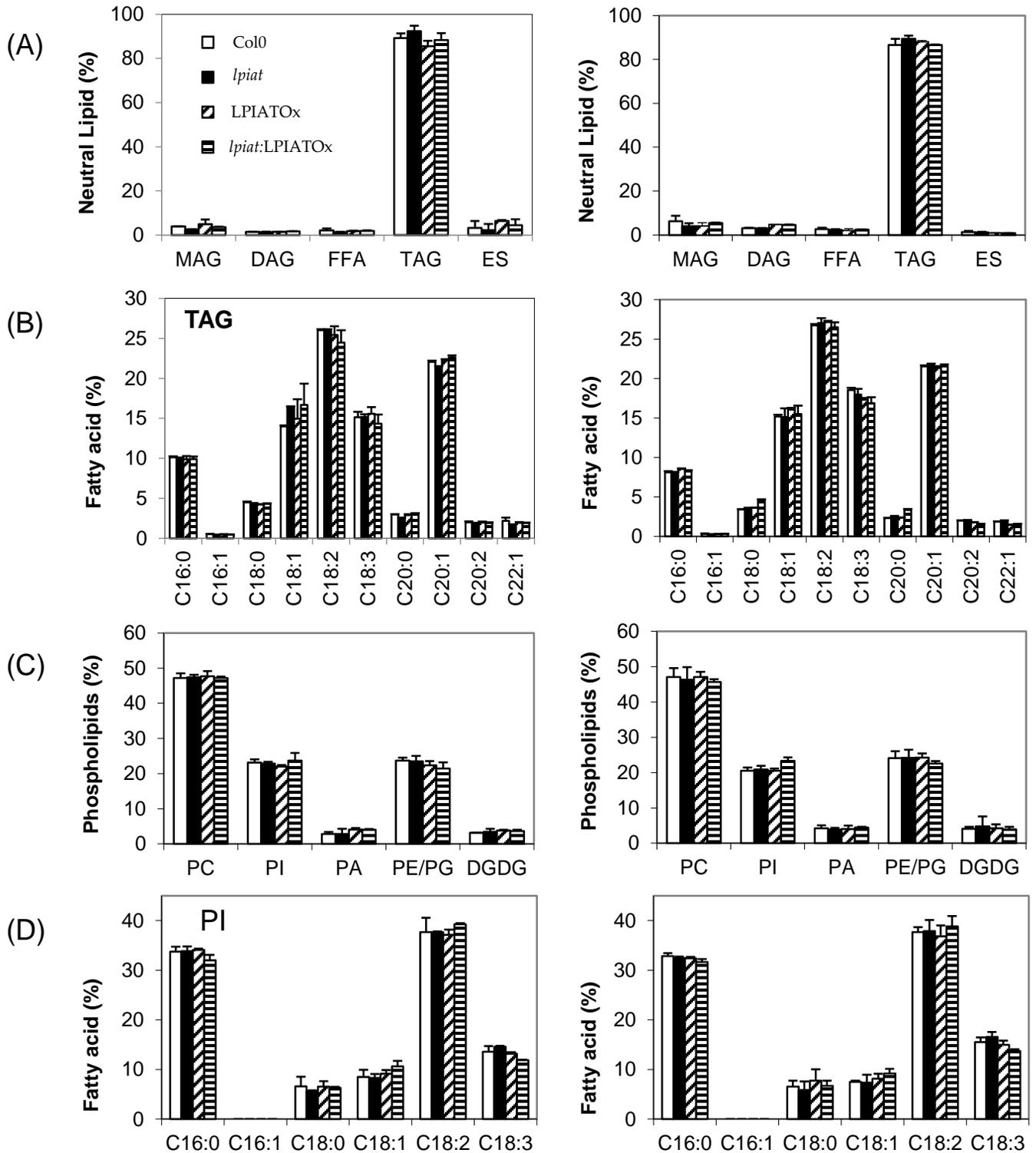


Figure S5. Lipid profile of *LPIAT* mutant seeds. 50 seeds and 25 mg seeds were used for neutral lipid and polar lipid quantification, respectively. Lipids were extracted from dry seeds or after 5h imbibition, separated by TLC, and quantified by GC-FID after transesterification. Values are mean \pm SD (n=6)

(A) Neutral lipid composition; (B) Fatty acid composition of TAG; (C) Polar lipid composition; (D) Fatty acid composition of PI