

Figure S1. *SCPL41* is required for 1-butanol response. **(A)** Visual comparison of *Col*, *bis4*, and *bis44* seed germination and postgerminative growth after 6 d in the absence or presence of 0.05% 1-butanol, 0.08% 1-butanol, or 0.08% *tert*-butanol. The values are the means \pm SDs ($n = 120$). **(B)** Germination rate of *Col* wild type, *bis4* and *bis44* over 6 d in the absence or presence of 0.05% 1-butanol, 0.08% 1-butanol, or 0.08% *tert*-butanol at indicated times.

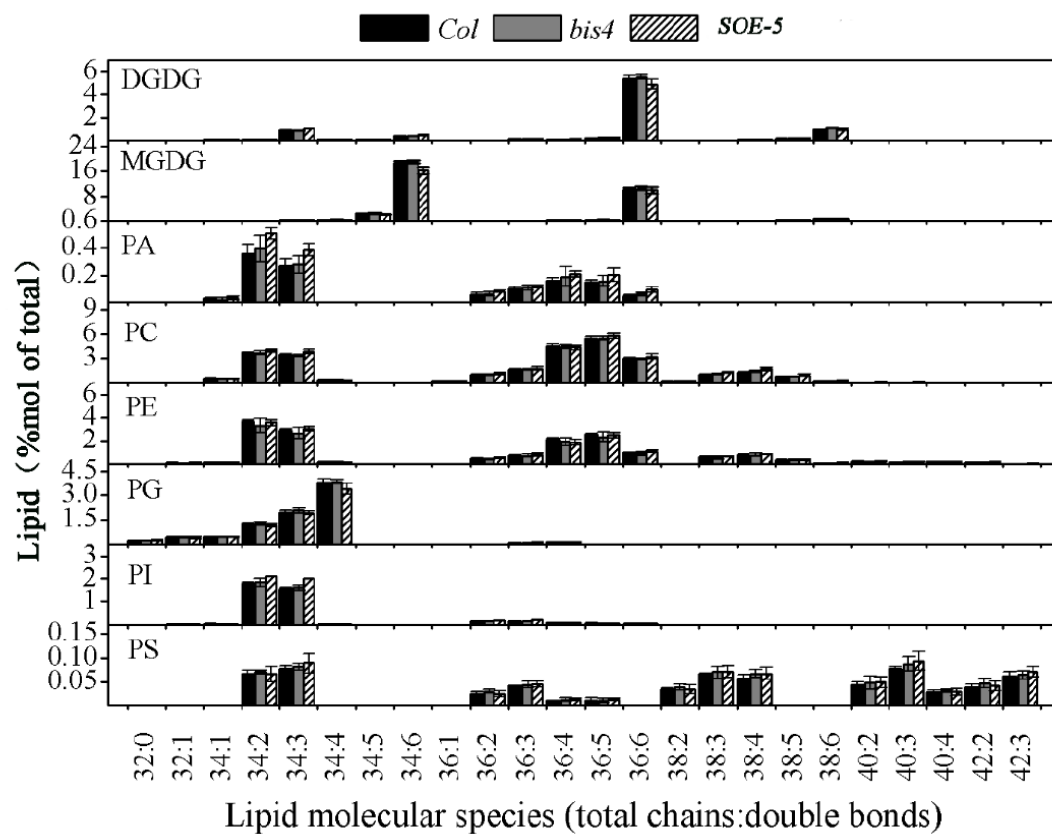


Figure S2. Lipid composition within each head-group class in *Col*, *bis4* and *SOE-5* plants. The values are the means \pm SDs ($n = 4$ or 5).