

**Supplemental Figure 1**. Acyl composition of the total acyl-CoA pool from Arabidopsis WT (A), ACBP (B) and OleoH3P-ACBP (C)  $T_3$  developing seeds at 10 DAF, 15 DAF and 20 DAF. Each block denotes the mean molar percentage of the particular acyl group within the seeds of 4 independent lines bearing each construct, respectively, as well as 4 untransformed WT control plants. Bars represent standard deviations.