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Erratum: Acyl-CoA-dependent and acyl-CoA-independent avocado acyltransferases positively influence oleic acid content in nonseed triacylglycerols

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An Erratum on

Acyl-CoA-dependent and acyl-CoA-independent avocado acyltransferases positively influence oleic acid content in nonseed triacylglycerols

By Behera J, Rahman MM, Shockey J and Kilaru A (2023) *Front. Plant Sci.* 13:1056582. doi: 10.3389/fpls.2022.1056582

Due to a production error, we missed implementing change requests to correct typos, formatting, and to use the final version of Figures 5, 8.

The correct figures for Figures 5, 8 can be seen below.

The publisher apologizes for these mistakes. The original article has been updated.

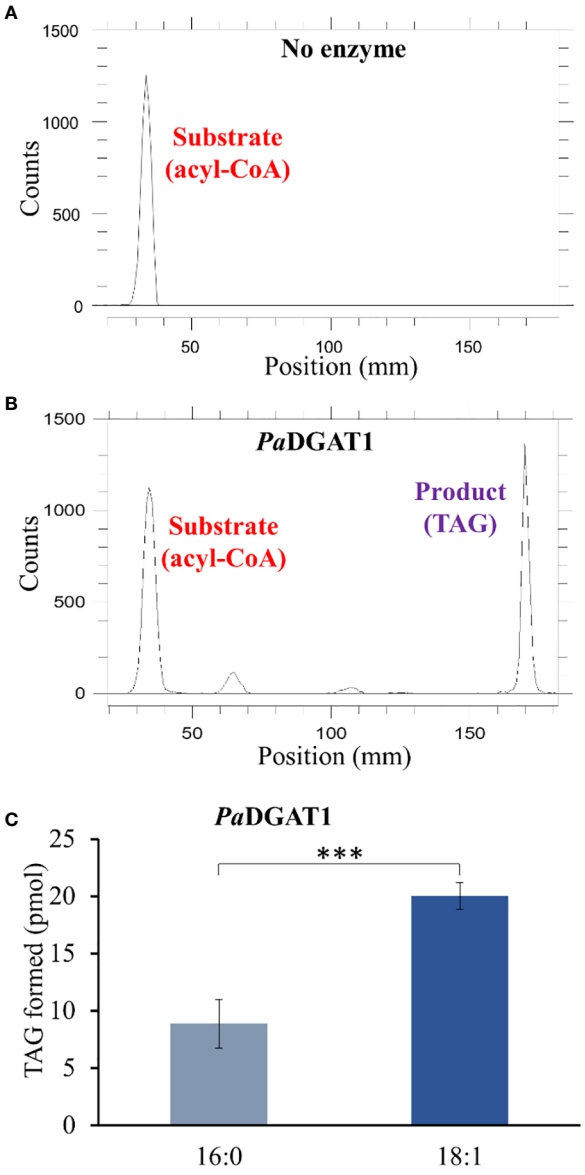

FIGURE 5
In vitro enzyme activity and specificity assays for yeast expressing PaDGAT1. PaDGAT1 with an N-terminal HA epitope tag was expressed in the H1246 yeast strain and was induced for 24 h. Microsomal fractions were prepared and incubated with radiolabeled fatty acyl-CoA and DAG. Saturated (palmitoyl-CoA, 16:0-CoA) and monounsaturated (oleoyl-CoA, 18:1-CoA) acyl donor substrates were tested. Representative chromatogram generated by Radio-TLC imaging scanner for negative control with only acyl-CoA substrate and no enzyme **(A)**, and PaDGAT1 microsomes incubated with 16:0 or 18:0 acyl-CoA and diolein that resulted in TAG synthesis **(B)**. Quantification of TAG product peaks revealed that PaDGAT1 prefers 18:1-CoA over 16:0-CoA **(C)**. ***P<0.001.

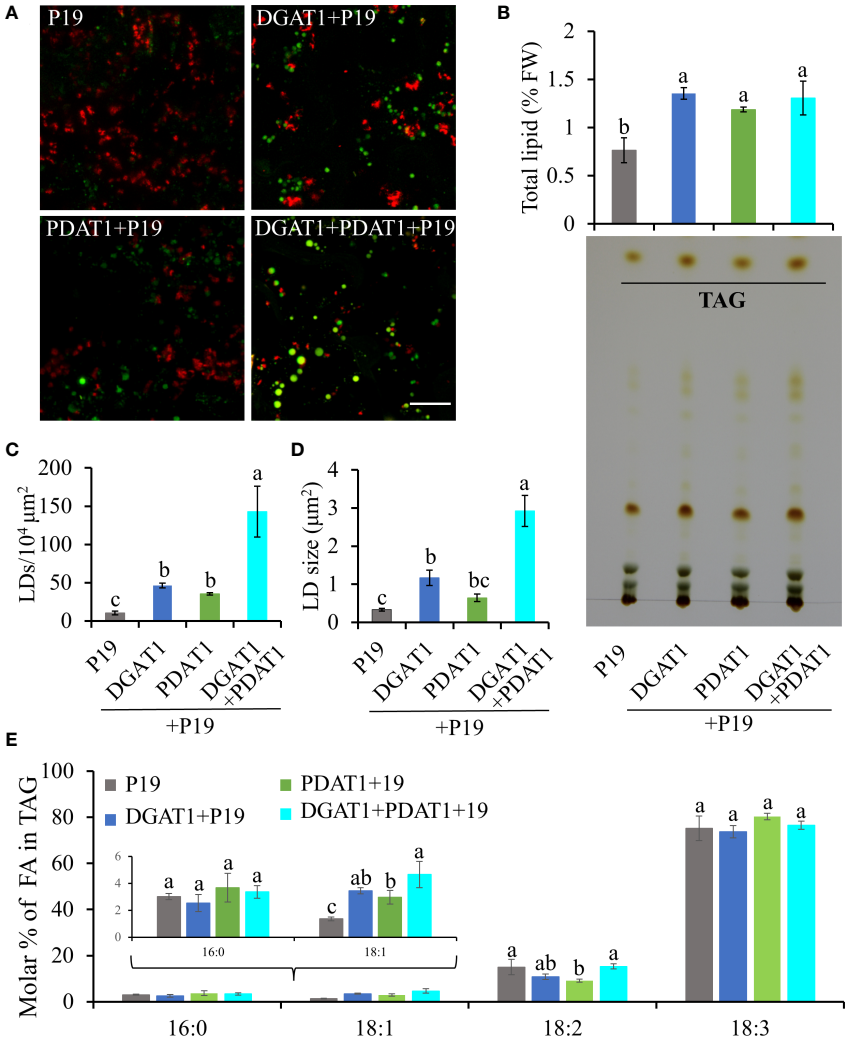

FIGURE 8
Quantification of LD accumulation and fatty acid profile in TAG in N. benthamiana leaves co-expressing PaDGAT1 and PaPDAT1. Confocal images of the accumulated LDs stained with Nile Red (green) in N. benthamiana leaves expressing control (+P19), DGAT1 (+P19), PDAT1 (+P19), and DGAT1 + PDAT1 (+P19) **(A)**. The scale bar represents 20 µm. Quantification of total lipid extracted from the leaves and separation of TAG by TLC **(B)**. Number of accumulated LDs per unit area **(C)** and their average size (area) **(D)**. Fatty acid profile of extracted TAG from the TLC plates **(E)**. Data represent mean ± SD of three independent experiments and different letters indicate significant differences ($P < 0.05$), as determined by ANOVA with Tukey's post-test.