

Supplementary information

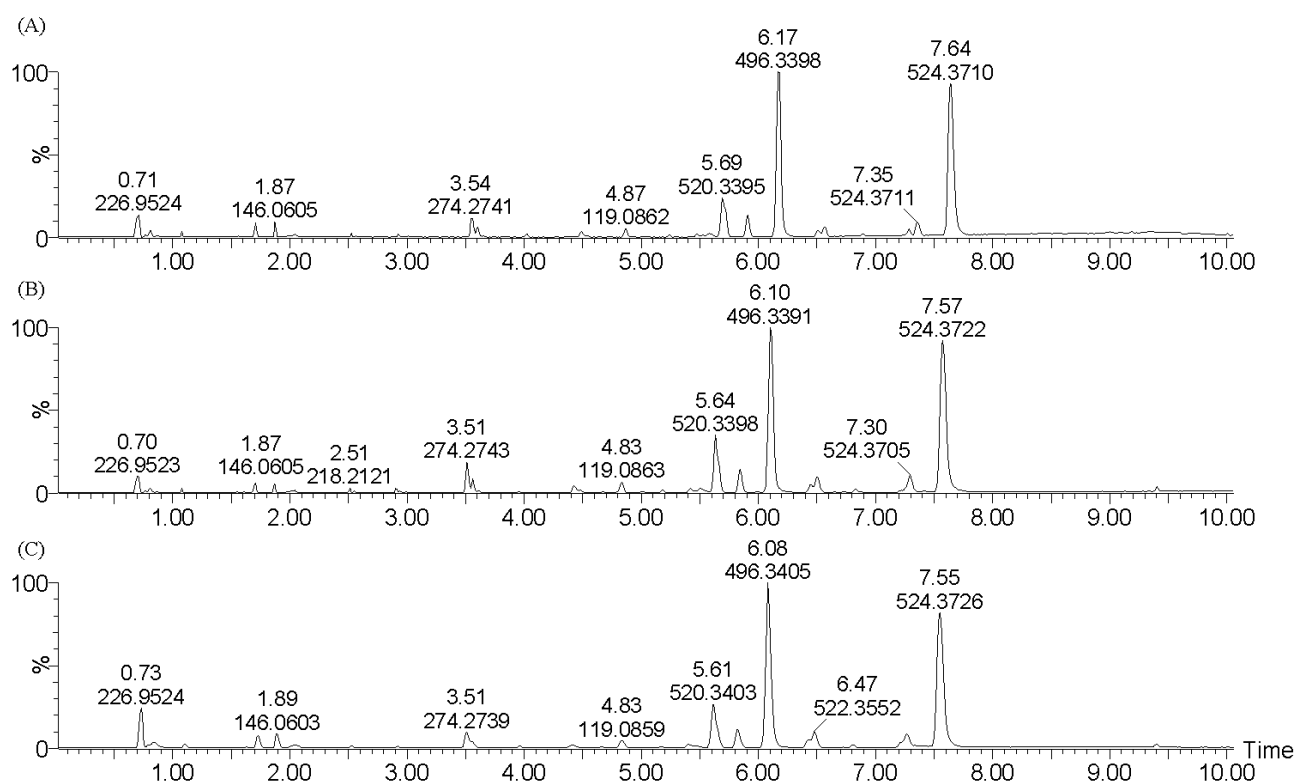


Figure S1. Representative base peak intensity (BPI) chromatograms obtained from the positive ion UPLC-HDMS analyses of normal CTL group (A), diet-induced HLE (B) and HLE+SLPC group (C).

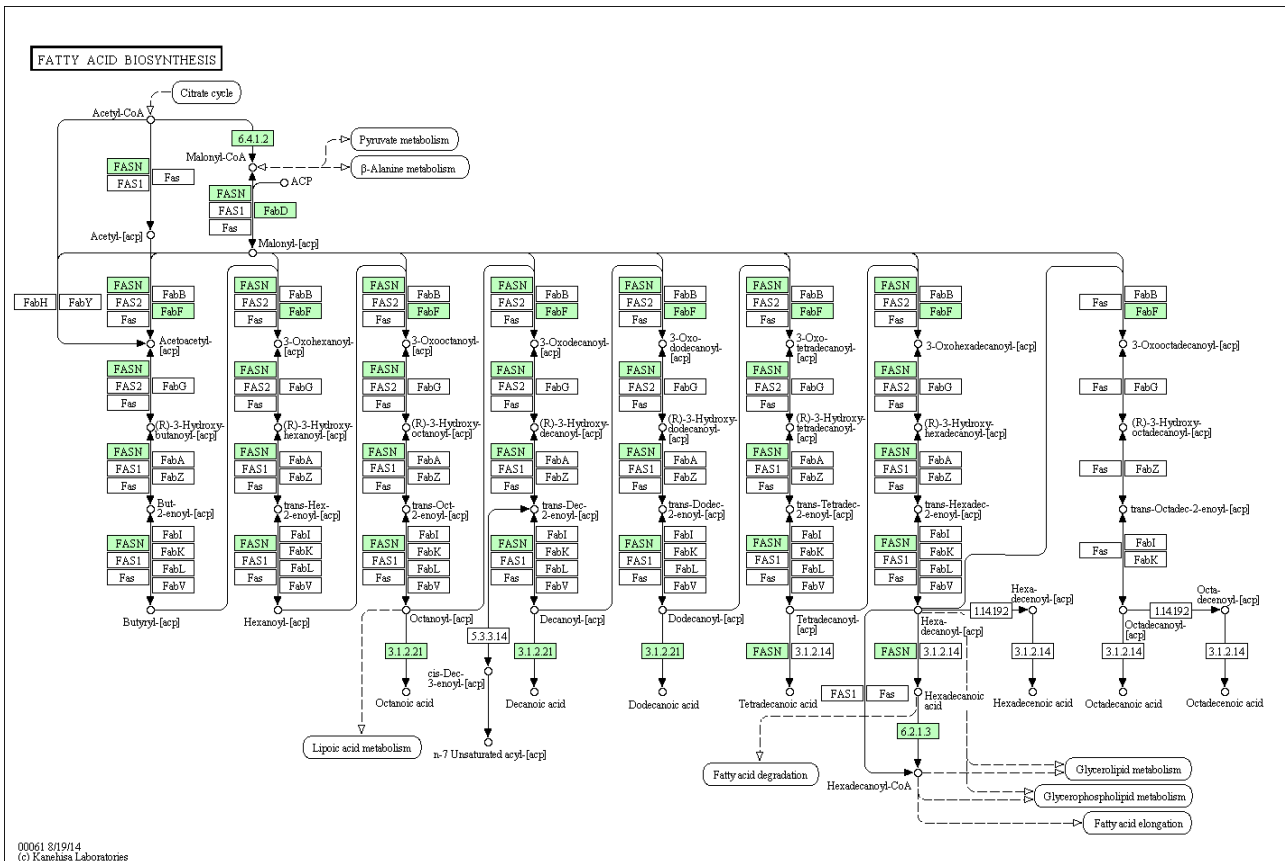
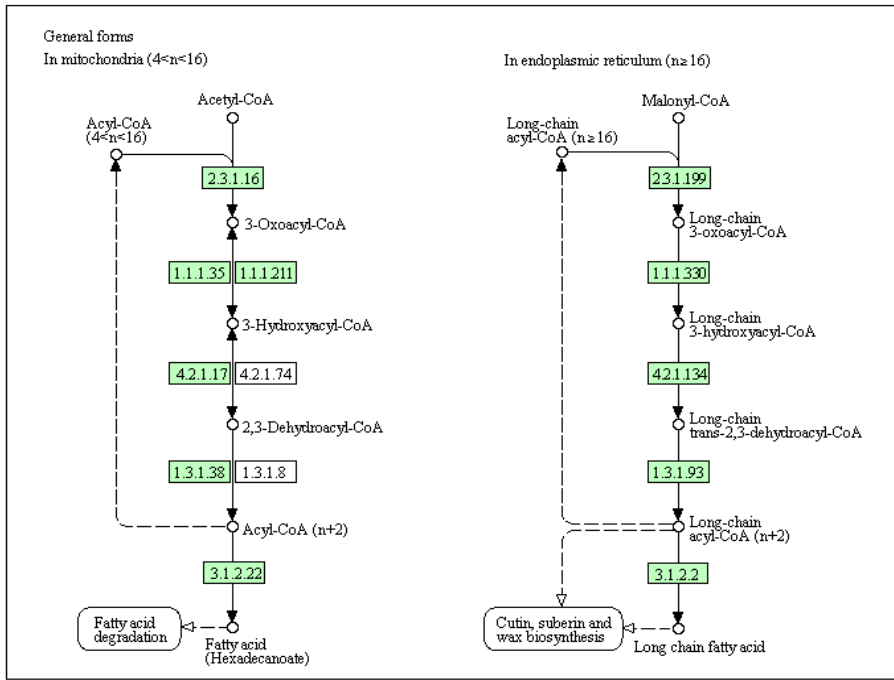
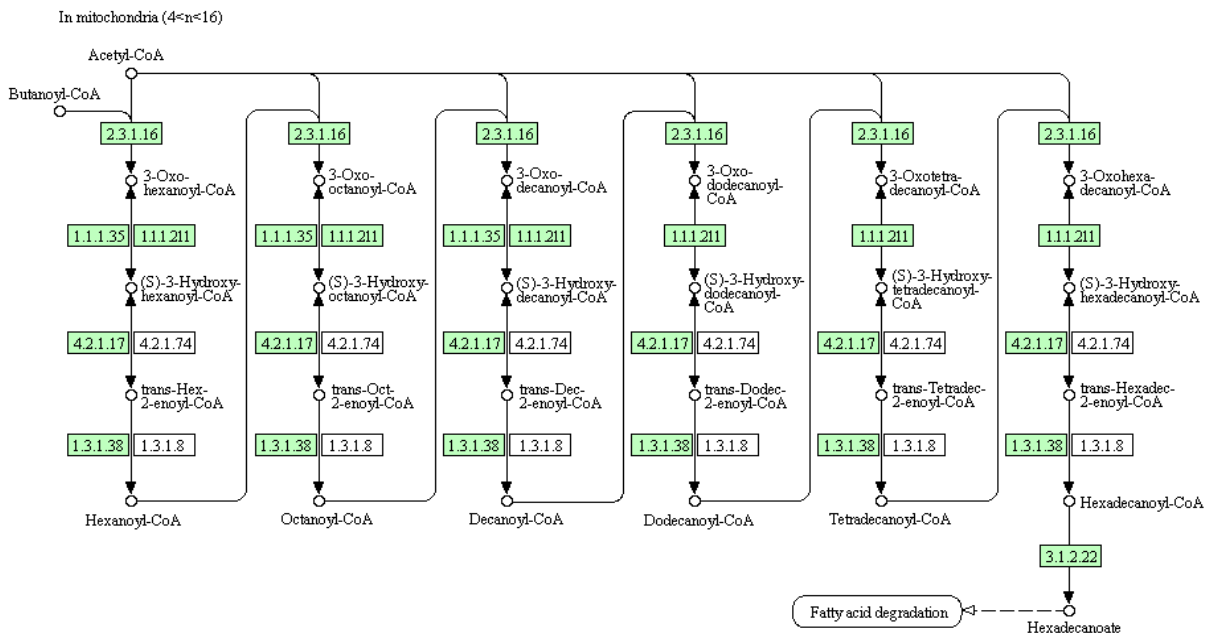


Figure S2. Overview of fatty acid biosynthesis with MetPA

FATTY ACID ELONGATION



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 (c) Kanehisa Laboratories

Figure S4. Overview of fatty acid elongation in mitochondria with MetPA

BIOSYNTHESIS OF UNSATURATED FATTY ACIDS

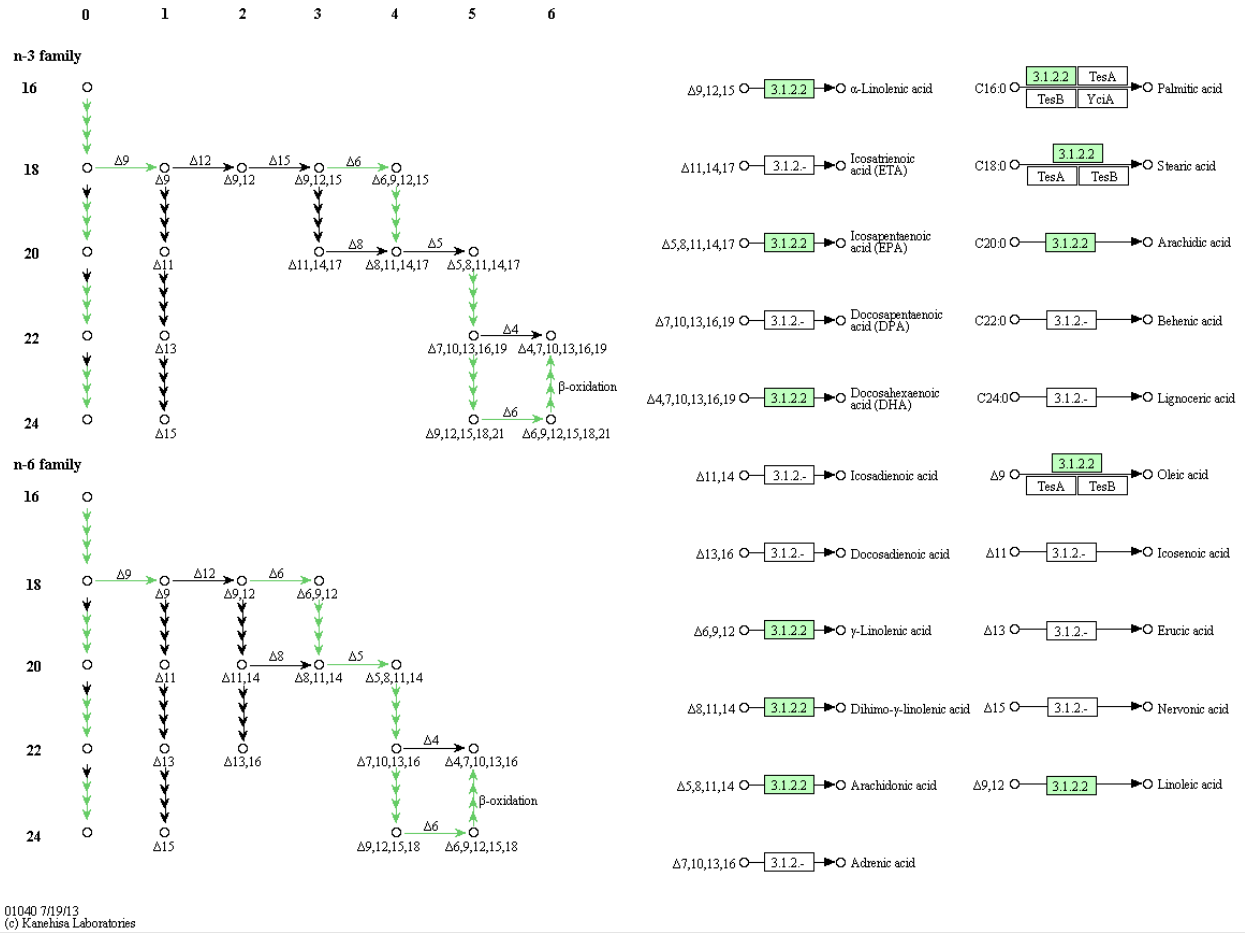


Figure S5. Overview of biosynthesis of unsaturated fatty acids with MetPA