



Supplemental Figure 1. Fatty acid specificity data from Table 2 mapped onto the pathway depicted in Figure 1. Enzymes capable of each reaction are listed next to the reaction arrows. The core pathway from Figure 1 is shown with black text, while additional reactions are shown with gray text. The seven desaturase enzymes (Des) and three elongase enzymes (Elo) form a network capable of synthesized DHA from OLA via many different routes. Acyl-carrier specificities are not taken into account in this depiction of the biosynthetic network.