



S2 Fig. Comparative Analysis Between *fer-15;fem-1* and WT Adults. In order to explore how the sterile adults (*fer-15;fem-1*, green) relate to wild-type (N2, gray) adults, we compared the rates of new fatty acid incorporation at two time points, day 1 (D1) and day 3 (D3) of adulthood. At D1, there is no significant difference in the dynamics of the fatty acid populations between the two groups, indicating that *fer-15;fem-1* is a viable model for fat metabolism in early adults. By D3, the *fer-15;fem-1* animals had a significant decrease in fatty acid turnover. This decrease is not nearly as dramatic in the WT population; however, we believe that the numbers are artificially elevated by the presence of contaminating larval animals that have higher rates of turnover.