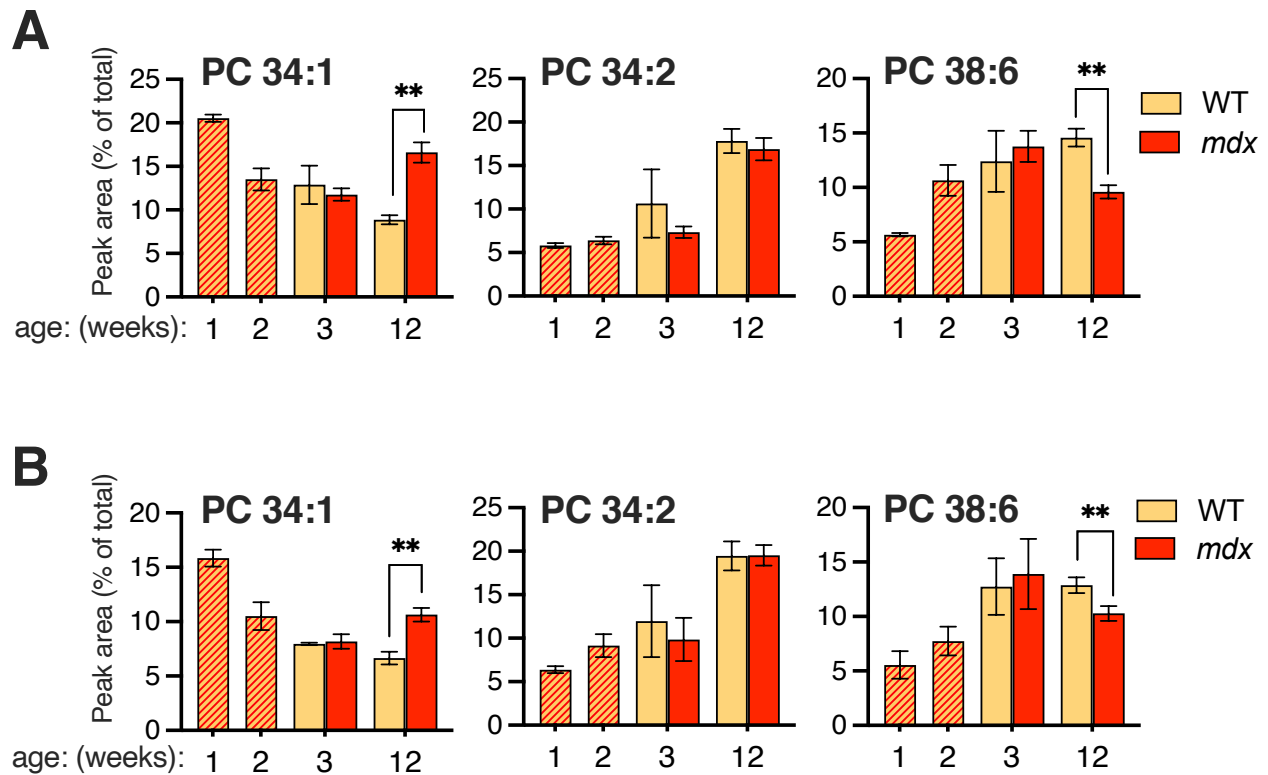


Supplementary Figure 4



Supplementary Figure 4. Time course of PC 34:1, PC 34:2, and PC 38:6 alterations in EDL muscles of 1- to 12-week-old B10-WT and -*mdx* mice fed custom diets. Mice were raised on custom diets rich in FA 18:1/oleic acid (oleic) (**A**) or FA 18:2 /linoleic acid (linoleic) (**B**). Similar patterns of alterations were seen in both custom diets, with the *mdx*-associated alterations of high PC 34:1 and low PC 38:6 evident at age 12-weeks, but alterations of PC 34:2 were not detected. PC peak values are expressed as the percentage of total PC signals, and means \pm SD are plotted. 1- and 2-week-old groups (hatched bars) contain both WT and *mdx*, male and female, pups, and are shown for reference. Includes identical data (12-week time point) shown in Figure 6. Significance is based on unpaired t-tests. * $p < 0.05$, ** $p < 0.01$; $n=3-8$ mice/group.