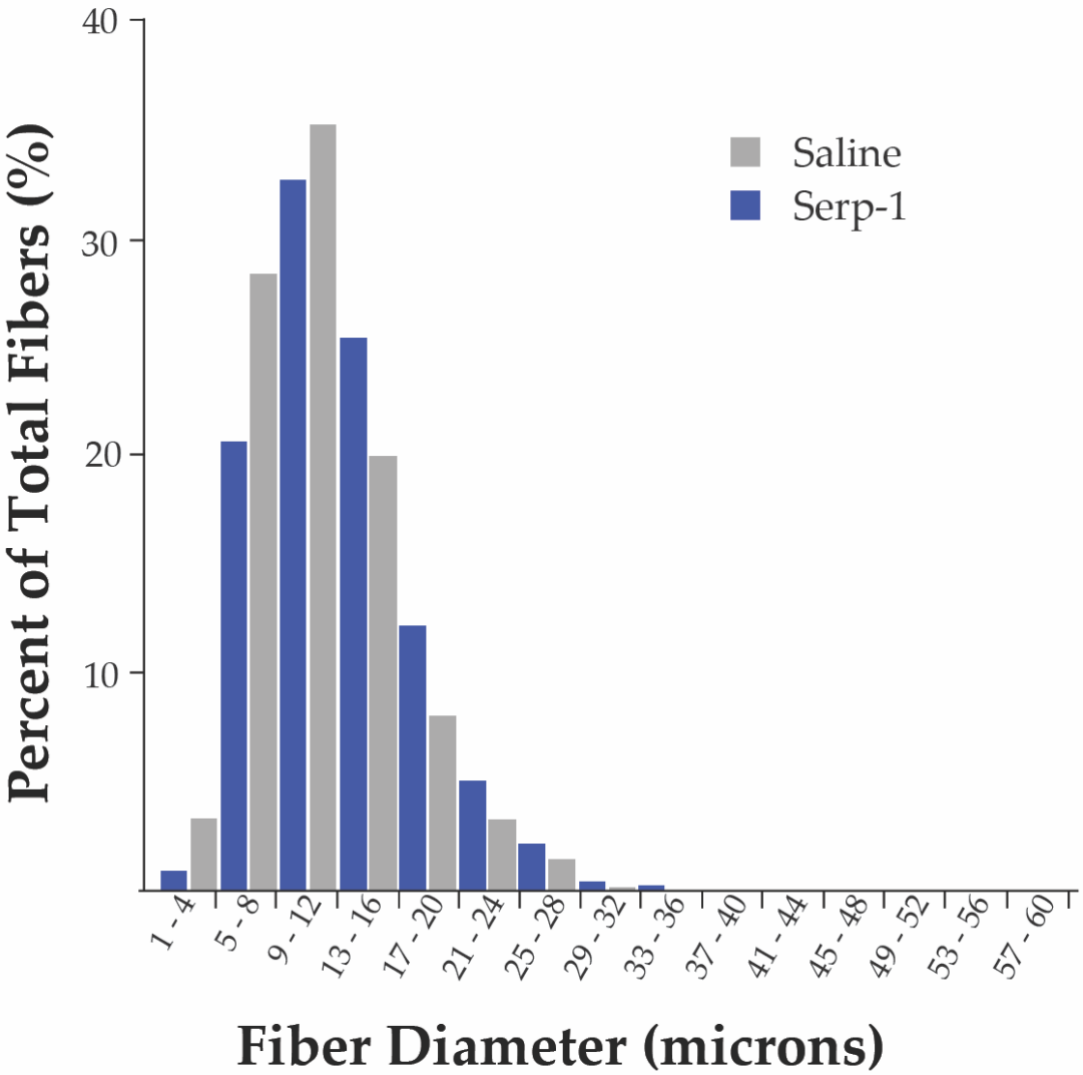
Supplemental Figure S1 Legend and Methods



Supplemental Figure S1.
The Ferret's minimal diameter of myofibers was determined for Mason's trichrome stained diaphragms treated with Serp-1 or saline for 28 days. The data is presented as percent of total fibers within 4 μm bins. Treatment with Serp-1 (n=2903 myofibers) resulted in a change in the distribution of fiber size, there was an increase in myofibers with diameters of 13-36 μm, and an overall increased myofiber diameter as compared to saline treated mice (n=3927 myofibers), $p<0.001$.

Methods
After treatment of DKO mice for 28 days with native Serp-1 or saline (section 2.2), the diaphragms were collected, fixed, paraffin embedded, and sectioned at 5 μm. Sections were stained with Mason's trichrome and the Ferret's minimal diameter determined as described in Methods section 2.5.