



S4 Fig: Effect of P-PMO treatment on pathology in tibialis anterior and diaphragm. P-PMO has no significant effect on prevalence of A) centralised nuclei (quantified on H&E) ($n=5/\text{group}$) but B-C) reduces fibre size heterogeneity and increases average fibre diameter in TA (quantified on laminin IF). (*compared to *C57BL10*, $^{\wedge\wedge\wedge}p<0.001$ compared to untreated *mdx*). (*C57BL10* $n=2$, *mdx* and *mdx Pip6a-PMO* $n=6/\text{group}$). C) H&E section demonstrating a reduction in fibre size heterogeneity and reduced numbers of small diameter cells in P-PMO treated *mdx* mice. P-PMO treatment reduces diaphragm fibrosis in *mdx* mice. D) H&E stained transverse and longitudinal sections of diaphragm demonstrating a clear reduction in fibrosis with P-PMO treatment.