



Supplementary Figure 2 Muscular innervation and structure is normal in *mabpI*^{-/-} mice. (A) Muscular receptor expression is not affected in *mabpI*^{-/-} mice. *M. vastus* of wild-type mice was experimentally denervated (DEN) or left untreated. Induction of increased AChR alpha expression in denervated *M. vastus* were compared to that of untreated *M. vastus* from *abpI*^{-/-} and *mabpI*^{+/+} mice at 14 weeks of age by PCR using actin as control. Differences in AChR alpha expression were subsequently quantified by real time PCR. (B) Immunohistochemistry of *M. gastrocnemius* from *mabpI*^{+/+} and *mabpI*^{-/-} mice revealed no structural changes in skeletal muscle (hematoxylin/eosin (HE)-staining; scale bars 100 μm).