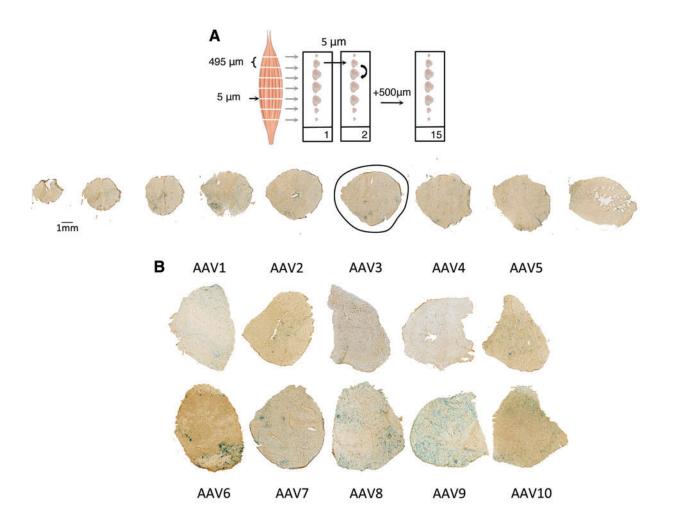
## **Supplementary Data**



Supplementary Figure S1. Intramuscular AAV transduction efficiency evaluation in control C57BL/6 mice. (A) Schematic representation of the protocol performed to quantify  $\beta$ -galactosidase expression on injected TA muscle. Each section (5  $\mu$ m) on the same slide is separated from the previous and following one by 500  $\mu$ m. Quantification is performed on the largest cross-sectional area (*black circle*). (B) Representative whole TA muscle section with  $\beta$ -galactosidase activity (*blue*) and laminin (*brown*) staining for serotypes rAAV1 to rAAV10. AAV, adeno-associated virus; rAAV, recombinant AAV; TA, tibialis anterior.