



Article

# Gene Transfer of Skeletal Muscle-Type Myosin Light Chain Kinase via Adeno-Associated Virus 6 Improves Muscle Functions in an Amyotrophic Lateral Sclerosis Mouse Model

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**Table S1.** The cross-sectional area of isolated EDL muscle among each experiment.

|                             | <b>Sham Side</b>              | <b>AAV Side</b>               | <b><i>p</i> Value</b> |
|-----------------------------|-------------------------------|-------------------------------|-----------------------|
| WT mice for control vector  | $0.82 \pm 0.083 \text{ mm}^2$ | $0.85 \pm 0.033 \text{ mm}^2$ | 0.32                  |
| WT mice for skMLCK vector   | $0.84 \pm 0.030 \text{ mm}^2$ | $0.86 \pm 0.040 \text{ mm}^2$ | 0.20                  |
| SOD mice for control vector | $0.83 \pm 0.052 \text{ mm}^2$ | $0.82 \pm 0.039 \text{ mm}^2$ | 0.20                  |
| SOD mice for skMLCK vector  | $0.83 \pm 0.069 \text{ mm}^2$ | $0.84 \pm 0.088 \text{ mm}^2$ | 0.42                  |

Data was expressed as means  $\pm$  standard deviation, and analyzed by student's T test.