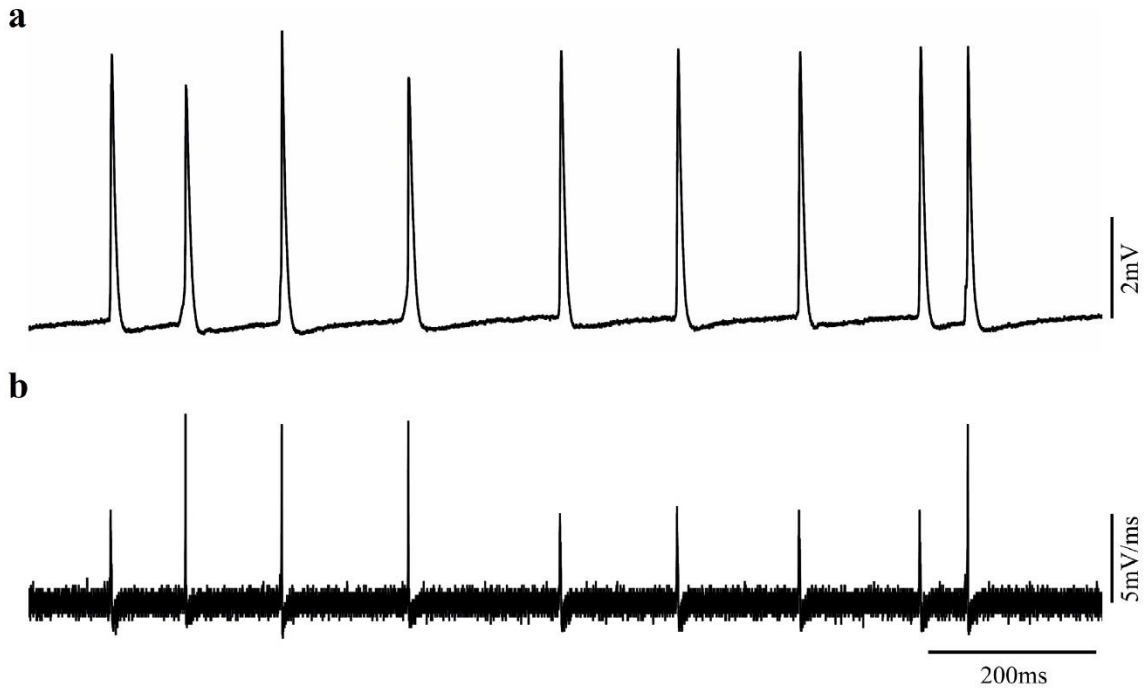


Supplemental Material

On-chip, multisite extracellular and intracellular recordings from primary cultured skeletal myotubes

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Supplementary Figure 1. Fluctuation in the amplitudes of action potentials as revealed by IN-CELL recordings and their calculated time derivative.

(a) a train of IN-CELL recorded action potentials from a myotube. Note a 10%-20% fluctuations in the APs amplitudes. (b) The amplitude fluctuations of the calculated time derivative are much larger (>50%) than in (a).