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Version 2

JMN-MSMP Muscle Single Cell Isolation V.2

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¹SenNet JMN-MSMP

Cellular Senescence Net...



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Protocol status: Working

We use this protocol and it's working

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Abstract

Single cell isolation from muscle

Troubleshooting



Single cell isolation

- 1 Tissue was finely diced in RPMI 1640 (Gibco) with 1.6 Wunsh U/mL Liberase TL (Roche Diagnostics) and 0.2 mg/ml deoxyribonuclease I (Roche Diagnostics).
- 2 Finely diced tissue was incubated at 37C for 45 minutes.
- 3 Digested tissues were ground subsequently through 100um and 70um strainers (Thermo Fisher Scientific).
- 4 Cells were centrifuged at 300g for 5 minutes and washed twice with 1x PBS