Feb 27, 2019

Working

Thawing iPSC Plate

In 1 collection

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dx.doi.org/10.17504/protocols.io.x8ufrww

Neurodegeneration Method Development Community

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DOCX

Comprehensive Genomic Editing and Screening Protocol Updated 02142019.docx

PROTOCOL STATUS

Working

We use this protocol in our group and it is working

GUIDELINES

This protocols is part of the Screening Edited iPSC Clones collection.

SAFETY WARNINGS

Please refer to the SDS (Safety Data Sheet) for information about hazards, and to obtain advice on safety precautions.

1 Determine which clones to expand based on screening.

2 Coat 24 well plate with 250-300 ul Matrigel per well (1 well per well, from 96 well).

3 Incubate at **37 °C** for **01:00:00** .

4 Remove Styrofoam box from **-80 °C** and remove plate.

Check on plate after **00:15:00** to avoid over-thawing.

5 To each well add mTesR1 supplemented with 10 uM Rock inhibitor.

a. Remove desired cells from appropriate wells and transfer to 1.7 ml tube. Spin off freezing media. Plate cells in 24 well plate.

-or-

b. Remove desired cells from appropriate wells and dilute 1:5 (final volume of 500uL) in mTesR1 and plate in 24 well plate.

6 Incubate at 37 °C overnight.

7 Change mTesR1 daily.