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Working

iPSC gDNA Extraction: For Screening Edited Clones

In 1 collection

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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 Spin 96 well PCR plate at 3800 rpm for **00:30:00** at **4 °C** .

2 Pipet off supernatant.

If worried about removing cells, transfer supernatant with multichannel pipet into new PCR plates and store at **-20 °C** until DNA extraction is complete.

3 To cell pellet (often not visible), add **50 µl** QuickExtract DNA Solution (Epicentre Technologies QE09050).

4 Vortex plate for **00:00:15** .

5 Incubate plate at 65 °C for 00:06:00 .

6 Vortex plate for 00:00:15 .

7 Incubate plate in thermocycler at 98 °C for 00:02:00 .

8 Place plate in -20 °C for storage, until ready to use for further screening experiments .