FEB 27, 2019

🌐 iPSC gDNA Extraction: For Screening Edited Clones

📁 In 1 collection

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OPEN ACCESS

DOI:

dx.doi.org/10.17504/protocols.io.x8afsrse

Protocol Citation: Celeste M M. Karch, Rita Martinez, Jacob Marsh 2019. iPSC gDNA Extraction: For Screening Edited Clones. **protocols.io** <https://dx.doi.org/10.17504/protocols.io.x8afsrse>

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Protocol status: Working
We use this protocol and it's working

Created: Feb 16, 2019

Last Modified: Feb 27, 2019

PROTOCOL integer ID:
20450

ATTACHMENTS

[Comprehensive Genomic Editing and Screening Protocol Updated 02142019.docx](#)

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.

Note

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](https://www.epicentre.com/products/quickextract-dna-solution)).

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 .