

NINDS Repository Induced Pluripotent Stem Cell Submission Form

SECTION 1: CONTACT INFORMATION

Principal Investigator (Individual who derived the cell line):

Submitting Institution (where cell line was derived):

Laboratory Contact Information

Name: _____

Phone: _____

Email: _____

Member of NINDS GO iPSC Consortium YES NO

SECTION 2: CELL LINE IDENTIFICATION AND DONOR INFORMATION

iPS Cell Line Name/Identifier: _____

SUBJECT INFORMATION

If subject banked at NINDS Repository (fibroblast, blood), please list:

Submitter Name _____

Submitter ID _____

Repository Number ND ____ _

Diagnosis: ALS HD PD FTD Control

If the biopsy, fibroblast or blood is from a subject not banked at the NINDS Repository, please contact ninds@coriell.org prior to submission.

SECTION 3: INVENTORY INFORMATION

Number of Vials: _____

Label on Vial: _____

Passage Number at Freeze: _____

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SECTION 4: REPROGRAMMING INFORMATION

Starting Material Cell Type Fibroblast Other: _____

Reprogramming Method
 Retroviral vector Lentiviral vector Sendai virus vector
 Episomal mRNA Other: _____

Reprogramming Factors
 OCT4 SOX2 KLF4 cMYC NANOG LIN28

Date of Establishment: _____

Has the original cell line and/or iPS line been described in a publication? Yes No

If yes, please list reference(s) and PubMed PMID:

SECTION 5: CULTURING INFORMATION

Is this line grown on a feeder layer? Yes No

Source of feeder cells: _____

Is this line grown on substrate-coated dishes? Yes No

If yes, please specify: _____

Growth Media (please list base media, serum and additives, if commercially available, please list by commercial name and supplier)

Concentration of FGF: _____

Special Instructions for Recovery (ie: MEF conditioned medium): _____

Do you use ROCK Inhibitor in recovery media? Yes No

Concentration of ROCK Inhibitor: _____

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Passaging Method (Choose one):

Trypsin Collagenase Dispase TrypLE EZ Tool
 Versene, Other: _____

Passaging frequency (Choose one):

5 days 6 days 7 days Other: _____

Split Ratio (Choose one):

1:3 1:4 1:5 1:6 Other: _____

Do you use ROCK Inhibitor in passage media? Yes No

If Yes, what is the concentration of ROCK Inhibitor? _____

Freeze Media: _____

Do you use ROCK Inhibitor in freeze media? Yes No

If Yes, what is the concentration of ROCK Inhibitor? _____

SECTION 6: CHARACTERIZATION OF UNDIFFERENTIATED CELL LINE

	SSEA-4	SSEA-3	SSEA-1	TRA 1-60	TRA 1-81	NANOG	OCT4	SOX2	KLF4	MYC	Other
Immuno-staining											
RT-PCR											

If other, please specify:

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SECTION 7: CHARACTERIZATION OF DIFFERENTIATION POTENTIAL

This cell line has been assessed for pluripotency by

- Teratoma Formation Performed at _____
(name of facility)
- Pluritest
- Score card
- Other: _____
- In Vitro* Differentiation; please identify method (check all that apply):

<input type="checkbox"/>	Embryoid body formation
<input type="checkbox"/>	Neural differentiation (Retinoic acid)
<input type="checkbox"/>	Neural differentiation (EZ Sphere method)
<input type="checkbox"/>	Dopaminergic neurons (co-culture with PA6 cells)
<input type="checkbox"/>	Cardiomyocyte differentiation
<input type="checkbox"/>	Hematopoietic differentiation
<input type="checkbox"/>	Adipocyte differentiation
<input type="checkbox"/>	Endodermal differentiation
<input type="checkbox"/>	Pancreatic differentiation
<input type="checkbox"/>	BMP4-induced differentiation
<input type="checkbox"/>	Other: _____

Differentiation of the cell line was assessed by

- Immunostaining RT-PCR Both Other
- _____
- _____
- _____

SECTION 8: ADDITIONAL CHARACTERIZATION

Has the line been karyotyped?

- Yes (at passage number : _____) No Please provide the ISCN summary:
- _____
- _____

Has this line been characterized for a specific mutation (ex. point mutation, CAG repeat)?

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Yes No If yes, please describe the results:

Has this line been genotyped (ex. Affymetrix 6.0 GeneChip)?

Yes No If yes, please describe the platform and provide link to data:

Has this line had other characterization (transcriptome, epigenome etc.)

Yes No If yes, please describe the platform and provide link to data:

Was this iPSC line tested for genomic integration of reprogramming vectors?

Yes No If yes, please describe the method used to test for integration:

Was there genomic integration of reprogramming vectors in this iPSC line?

Yes No If yes, what was the copy number of any integrated vector(s):

Please provide any other relevant information regarding this cell line:
