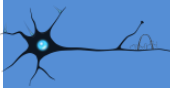


ND32951A.15

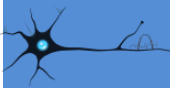
Summary of iPSC reprogramming and
characterization

Karch Lab

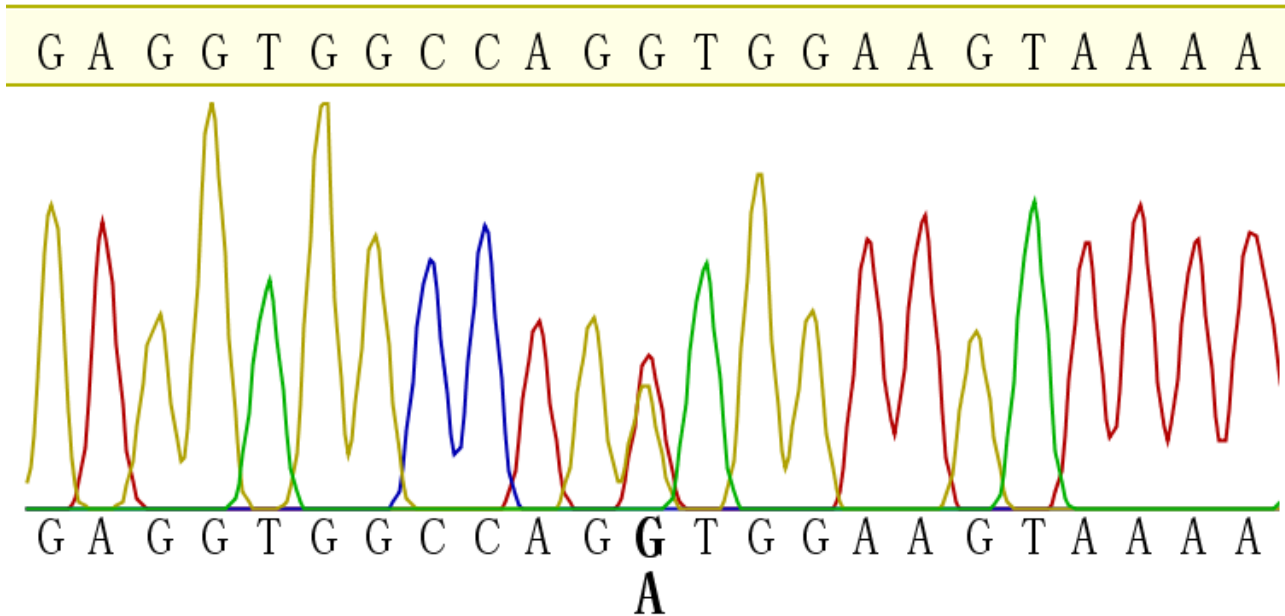


Reprogramming Status Report

- Reprogramming summary:
 - Karch Lab
 - Expand Fibroblast (P5)
 - All lines were derived using Sendai Virus 2.0 (Transgenic free system)
- 3 clones were obtained for ND32951A.15
- 3 clones have been expanded and banked
- 3 clones have been fully characterized



Sanger Sequencing

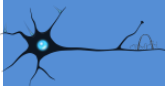


Cell line name: ND32951A.15

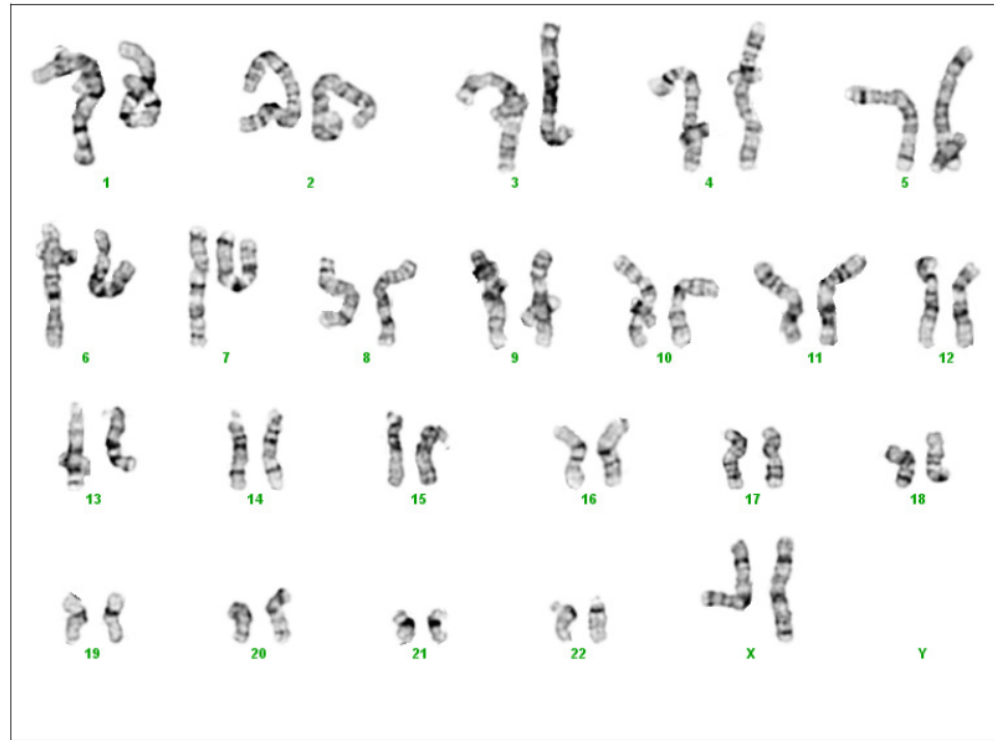
Clone number: 15

Passage at sequence: P4

Sequencing result: MAPT V337M/WT



Karyotype



Cell line name: N32951A.15

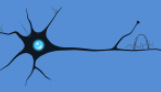
Clone number: 15

Passage at karyotype: 6

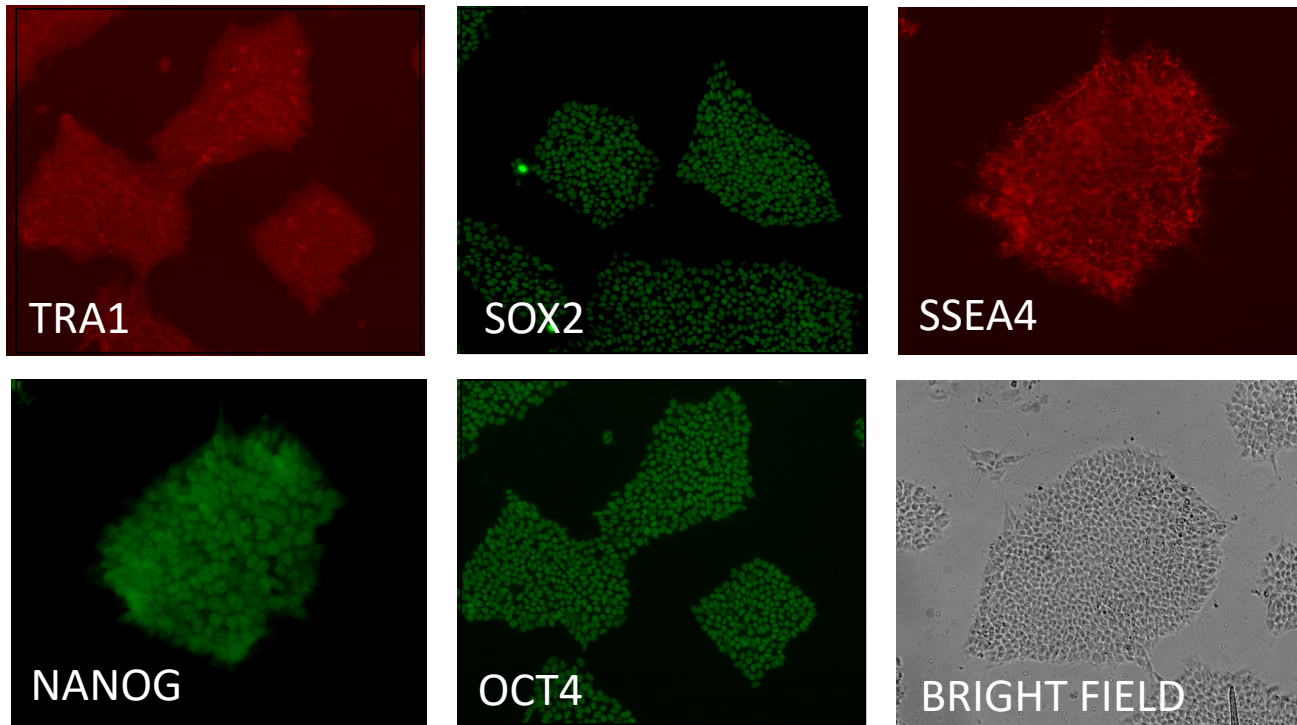
Karyotype result: Normal, Female; 46, XX

Karyotype narrative: *Cytogenetic analysis was performed on twenty G-banded metaphase cells from human cell line ND32951A.15 p6. Nineteen cells demonstrated an apparently normal female karyotype, while one cell demonstrated a non-clonal chromosome aberration (listed above) which is most likely an artifact of culture.*

Karyotype Facility: Cell Line Genetics



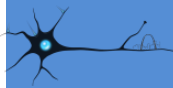
Immunocytochemistry for Pluripotency Markers



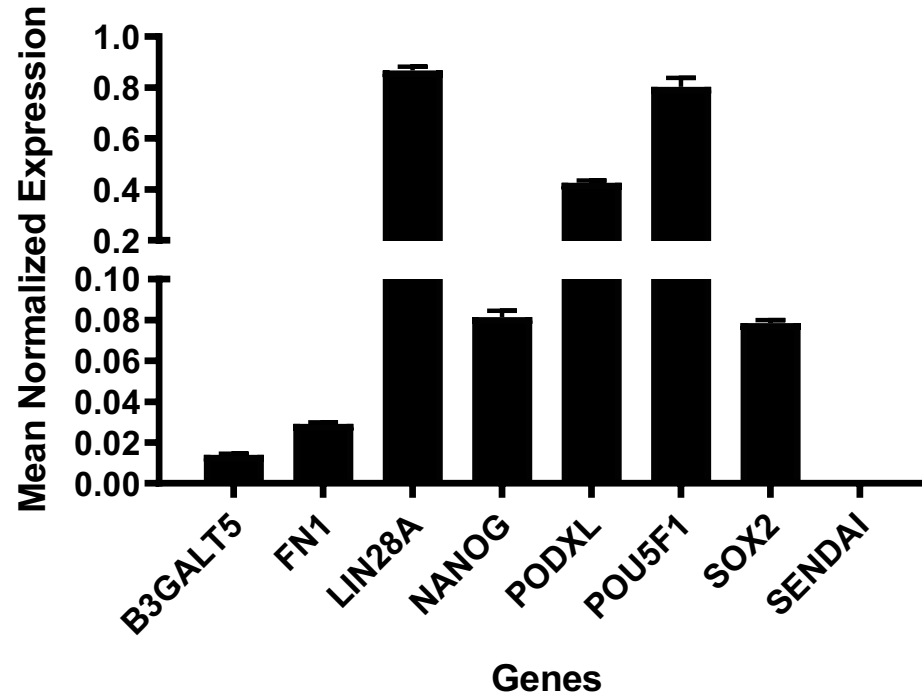
Cell line name: ND 32951A.15

Clone number: 15

Magnification: 10X, 20X

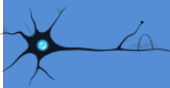


qPCR for Pluripotency Markers

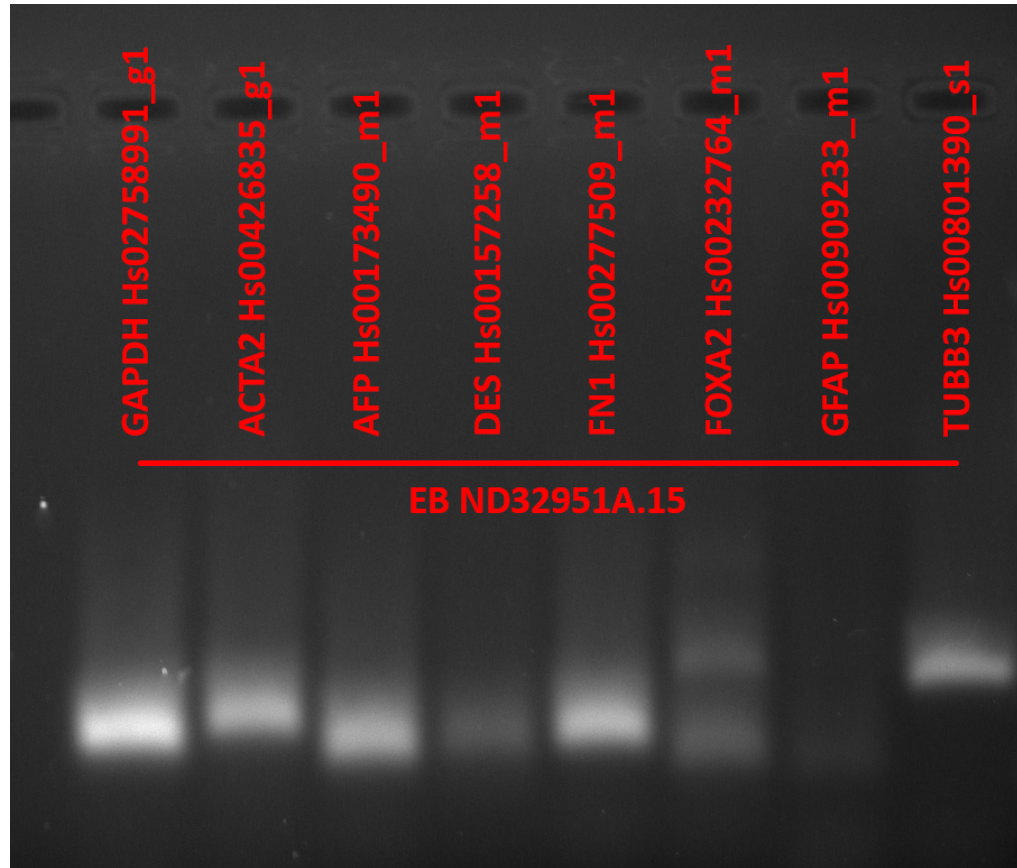


Cell line name: ND32951A.15

Clone number: 15

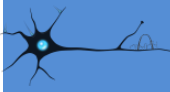


RT-PCR for Germ Line Markers

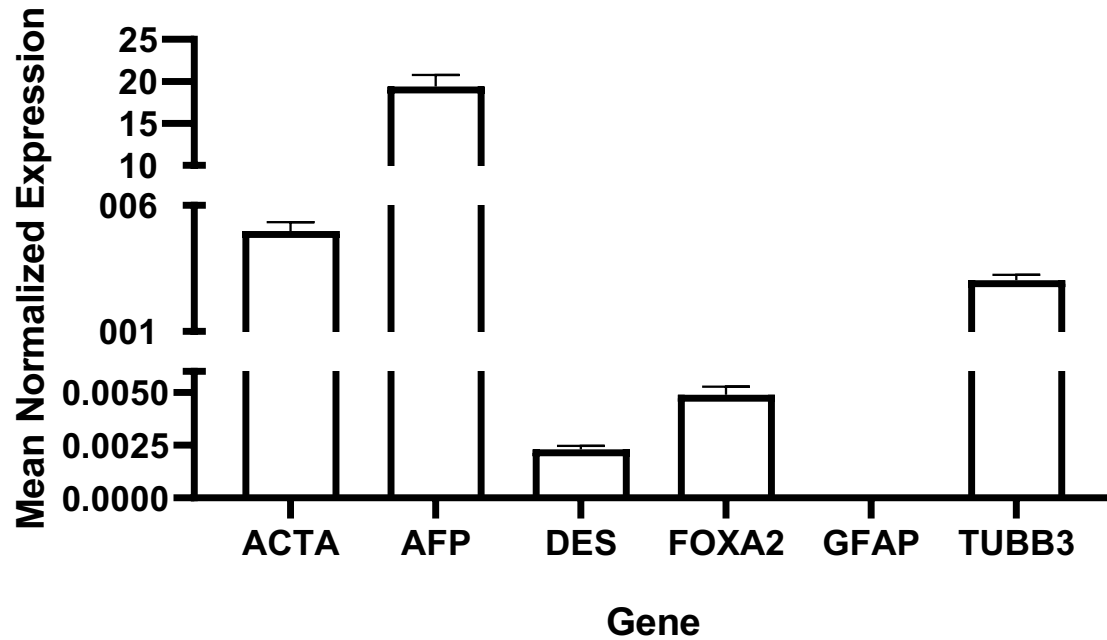


Cell line name: ND32951A.15

Clone number: 15

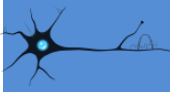


qPCR for Germ Line Markers



Cell line name: ND32951A.15

Clone number: 15



Donor Information

Cell line name: ND32951A.15

Donor Line: ND32951A

Donor Cell Type: Fibroblast

Sex: Female

Age at Biopsy: 44

Ethnicity: Caucasian

Gene: MAPT V337M/WT

Line published:

- Karch et al., *Stem Cell Reports* 2019

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- NIH AG046374 (CMK)
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- NINDS Repository

