



IPMAR

IPSC Platform to Model Alzheimer's Disease Risk

Certificate of analysis

DRICUi034-A

Operators: C Bridge/J Winston/R O'Donoghue

Date: 09/06/2026

Supervisor: H Hall-Roberts

Date: 19/06/2026

Signature: *HK Roberts*

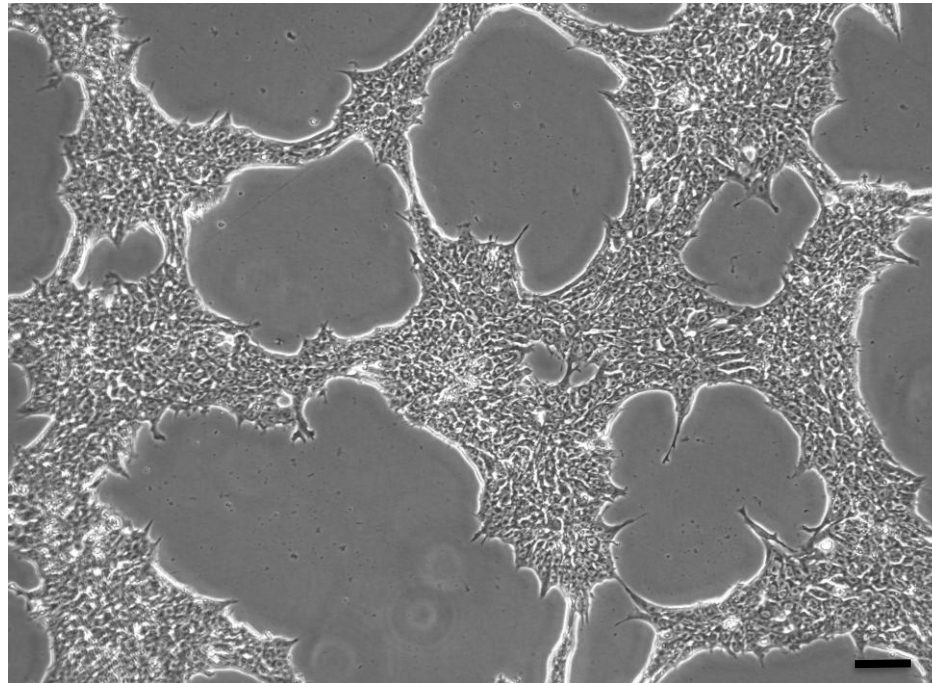
Source of cells and reprogramming information

- ADLON40400CA T cells from Cardiff 26/10/22
- Reprogrammed at UOXF AKA IPMAR40
- Reprogrammed on 01/2023 Sally Cowley/
Sarah Ellwood (Oxford)
- Reprogramming system Cytotune v2
- Clone DRICUi034-A = IPMAR40A2
- Banked at p12, 16/10/24, Jincy Winston
(Cardiff)

Viability post-thaw and Morphology according to JMSCFSOP19 passage 13

- Vial cell count immediately post-thaw 1.80×10^6
- Viability immediately post-thaw 97.4%
- Photo at day 2 post-thaw (scale bar = $100\mu\text{m}$):

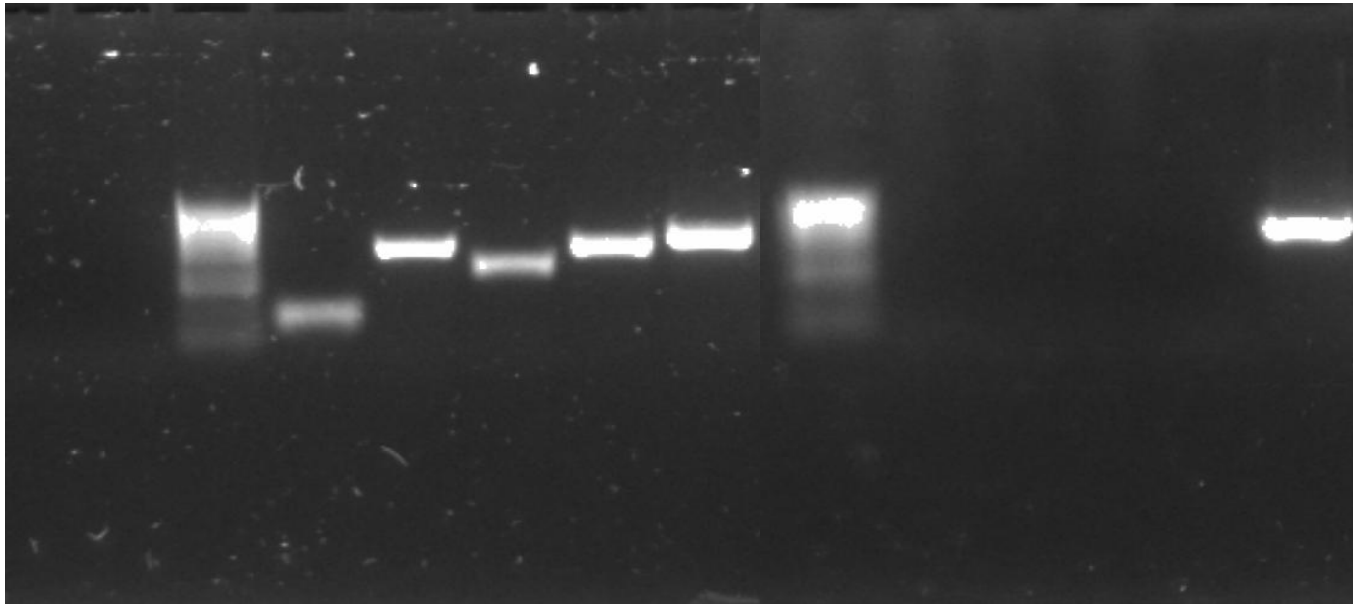
Day 2 post-thaw, 20% plated to 1w.6wp



Sendai Cytotune 2 clearance: according to Cytotune manual Virus undetectable at passage 10

Positive control

DRICUi034-A/
IPMAR40A2 p10



Product sizes: SeV 181bp; KOS 528bp; SeV-Klf 410bp; SeV-Myc 532bp; Actin 623bp

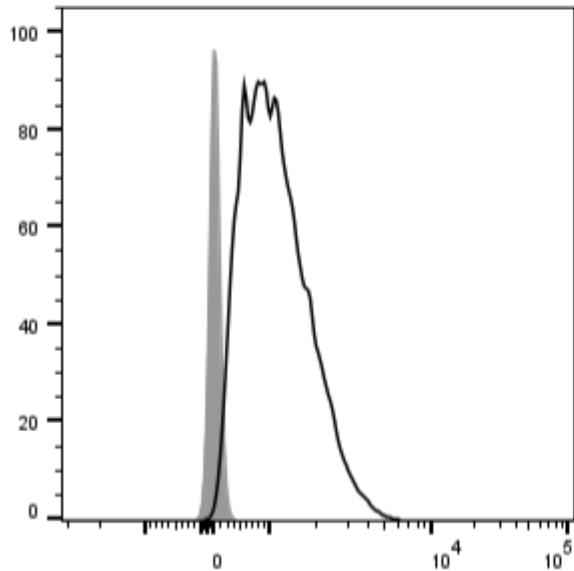
Sterility:

Mycoplasma test performed by Eurofins Genomics on 24/03/2025, undetectable at passage 14.

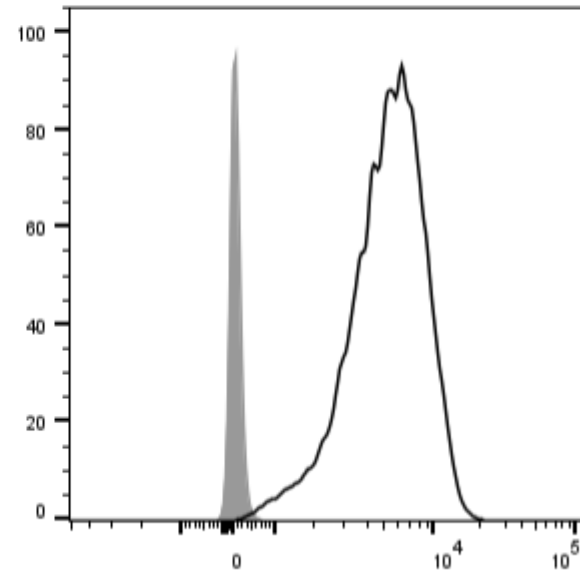
Visual inspection of thawed cells cultured without antibiotic/antimycotic for 4 days:
no evidence of bacteria, yeast or fungus.

Flow cytometric analysis according to JMSCFSOP05 passage 12

DRICUi034-A TRA-1-60 97.2%



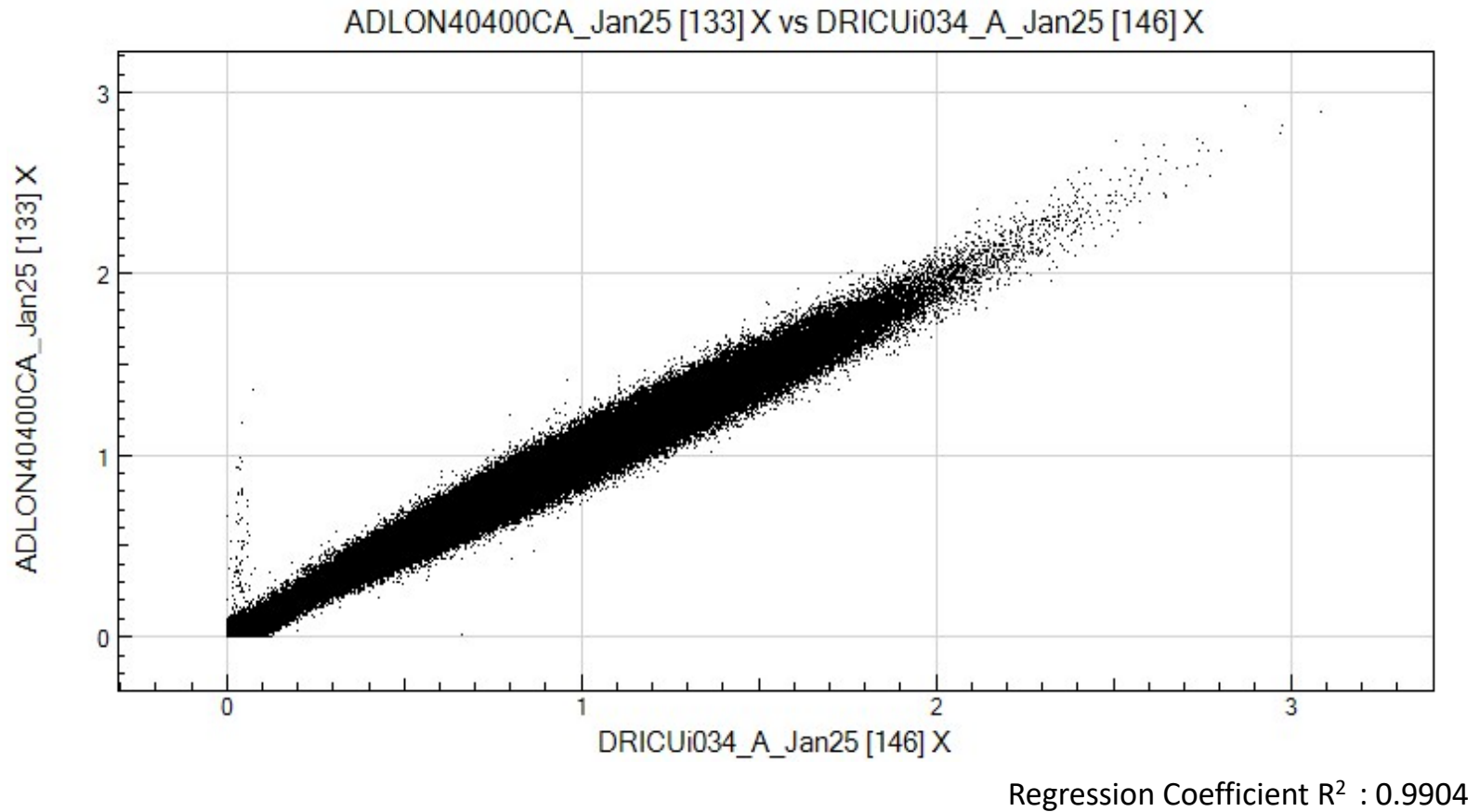
DRICUi034-A Nanog 99.8%



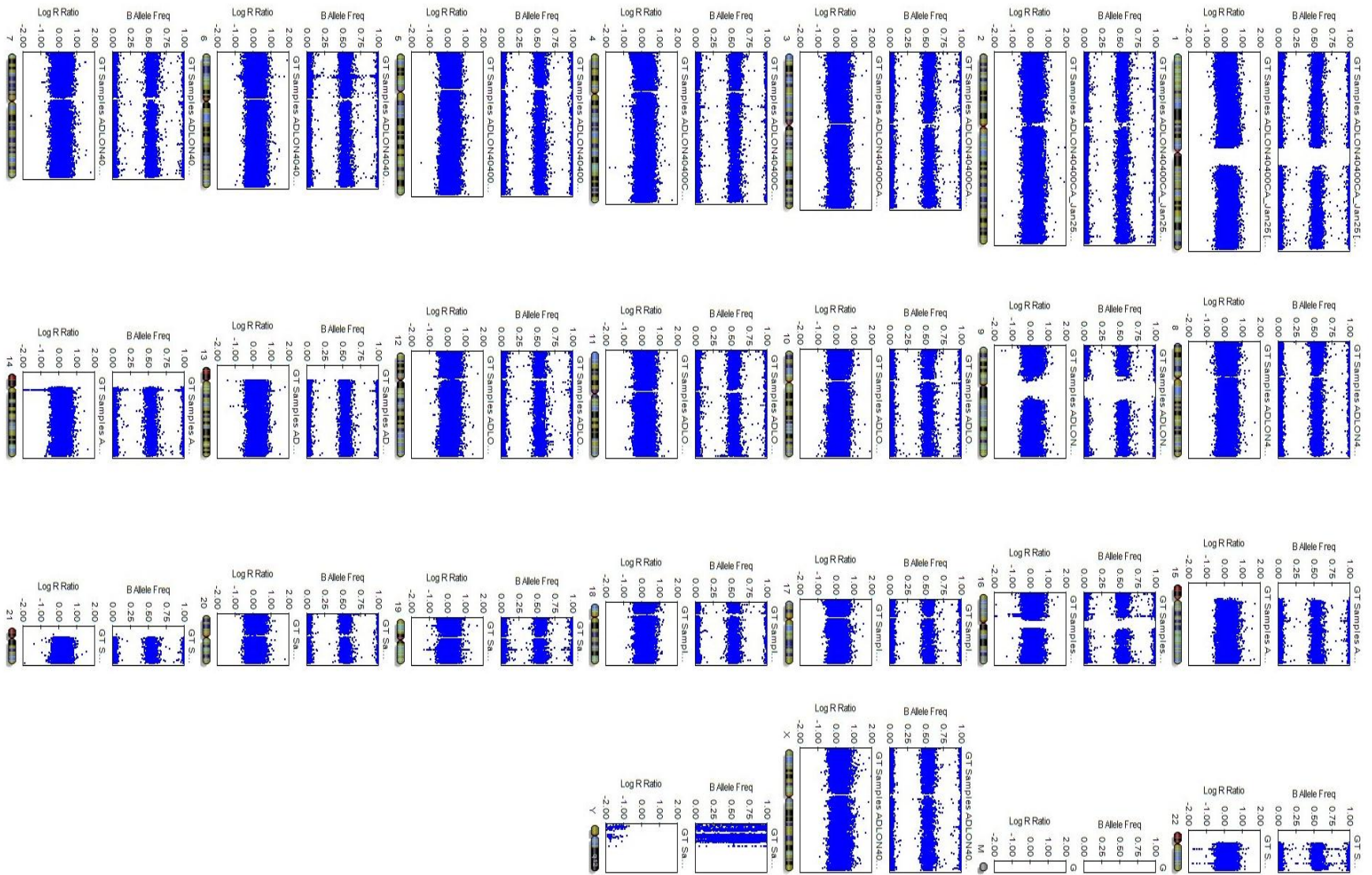
Illumina GSA SNP analysis according to JMSCFSOP16

- Passage 12
- Identity to parent PBMC confirmed
- Karyotype abnormalities:
 - No gross abnormalities detected vs PBMC

Alignment of ADLON40400CA PBMC SNPs with DRICUi034-A



Karyogram ADLON4040CA PBMC



Karyogram DRICUi034-A

