



IPMAR

IPSC Platform to Model Alzheimer's Disease Risk

Certificate of analysis

DRICUi015-A

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

Date: 09/06/26

Supervisor: H Hall-Roberts

Date: 19/06/2026

Signature:

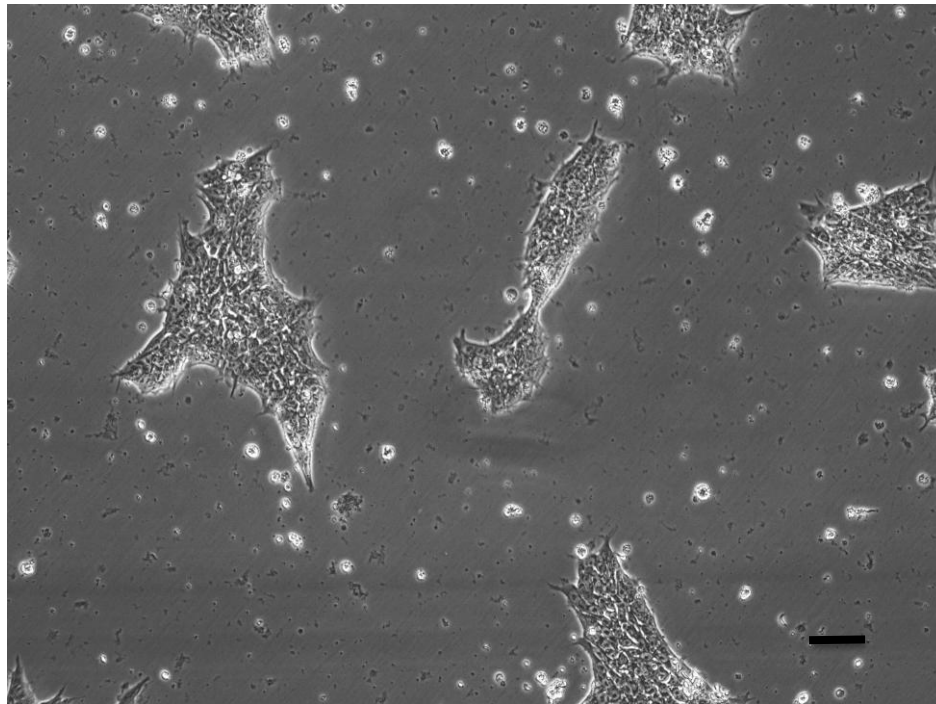
HCRoberts

Source of cells and reprogramming information

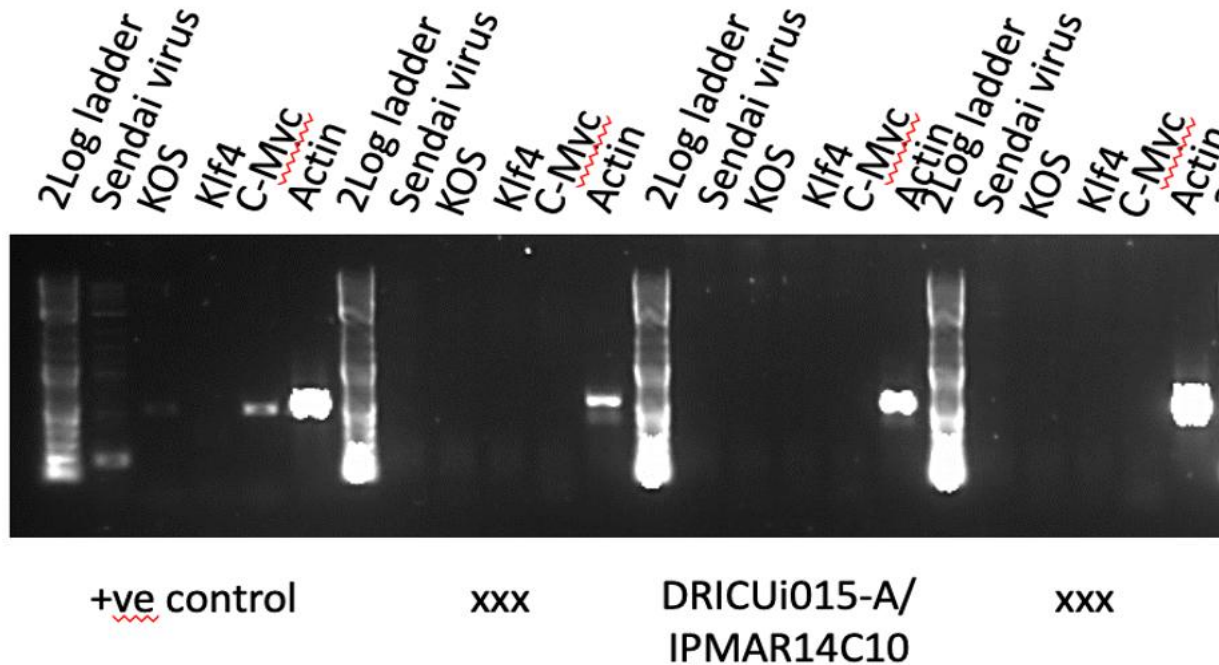
- CF00C90378a T cells from Cardiff 21/09/2021
- Reprogrammed at UOXF AKA IPMAR14
- Reprogrammed on 10/2021 Sally Cowley/
Sarah Ellwood (Oxford)
- Reprogramming system Cytotune v2
- Clone DRICUi015-A = IPMAR14C10
- Banked at p16, 31/07/2024 Jincy Winston
(Cardiff)

Viability post-thaw and Morphology according to JMSCFSOP19 passage 16

- Vial cell count immediately post-thaw: 1.83×10^6
- Viability immediately post-thaw: 76.1%
- Photo at day 2 post-thaw (scale bar = $100\mu\text{m}$):



Sendai Cytotune 2 clearance: according to Cytotune manual Virus undetectable at passage 13



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

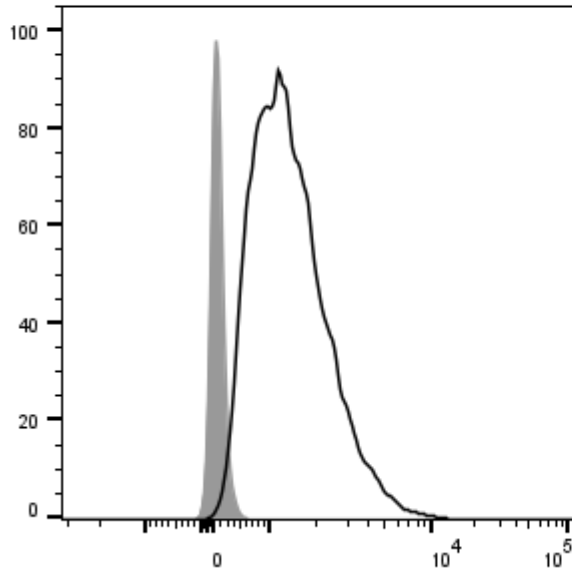
Sterility:

Mycoplasma test performed by Eurofins Genomics on 24/03/2025, undetectable at passage 18.

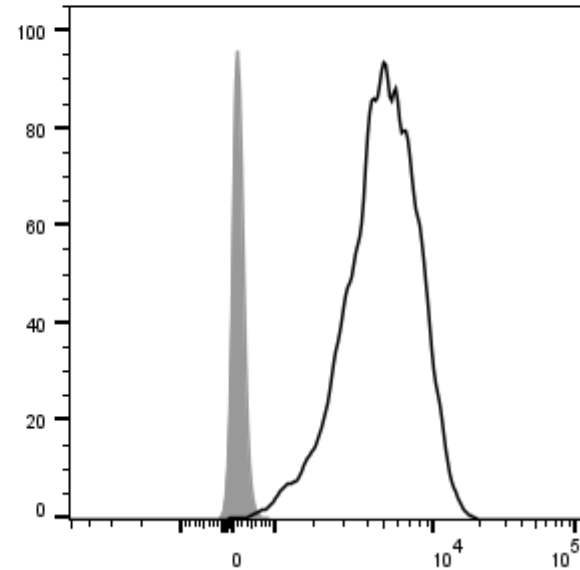
Visual inspection of thawed cells cultured without antibiotic/antimycotic for 4 days:
no evidence of bacteria, yeast or fungus.

Flow cytometric analysis according to JMSCFSOP05 passage 16

DRICUi015-A TRA-1-60 96.0%



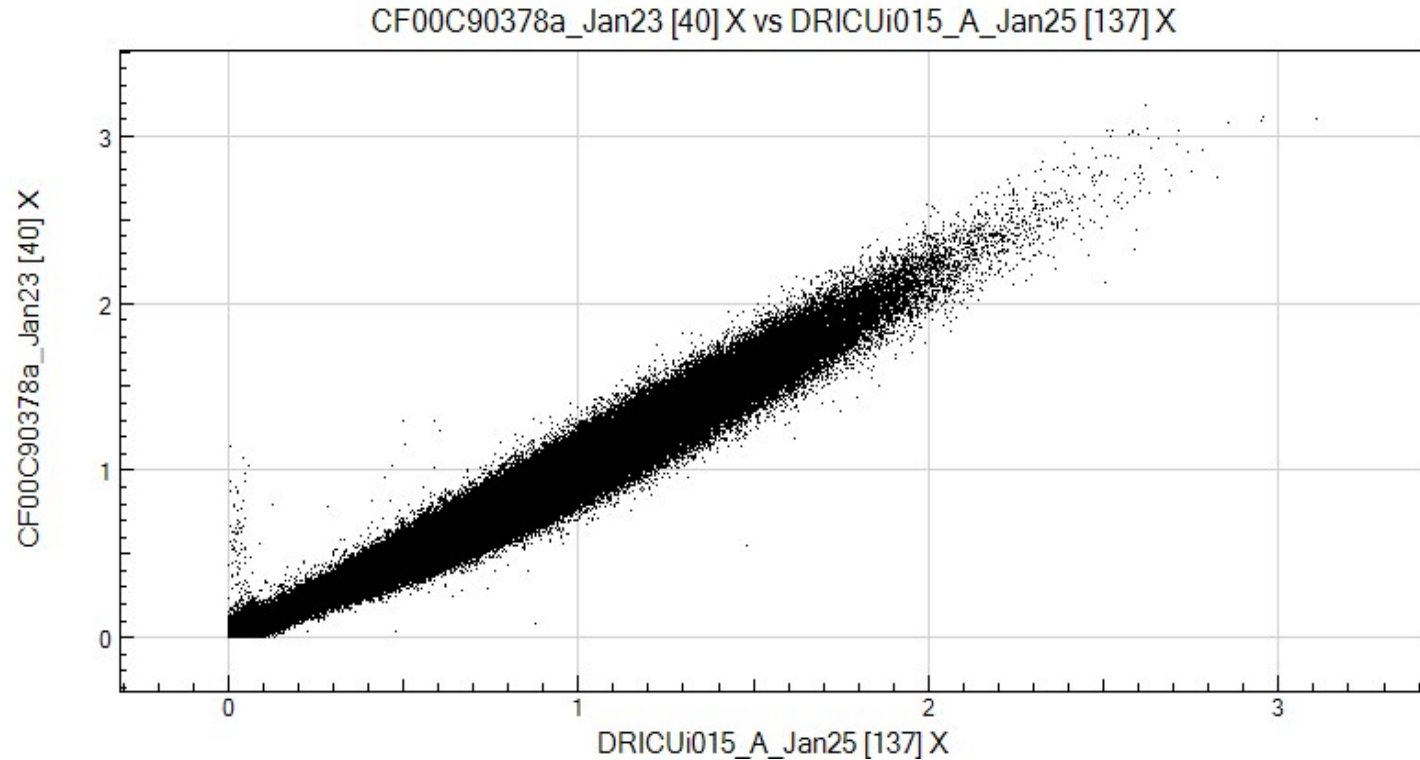
DRICUi015-A Nanog 99.7%



Illumina GSA SNP analysis according to JMSCFSOP16

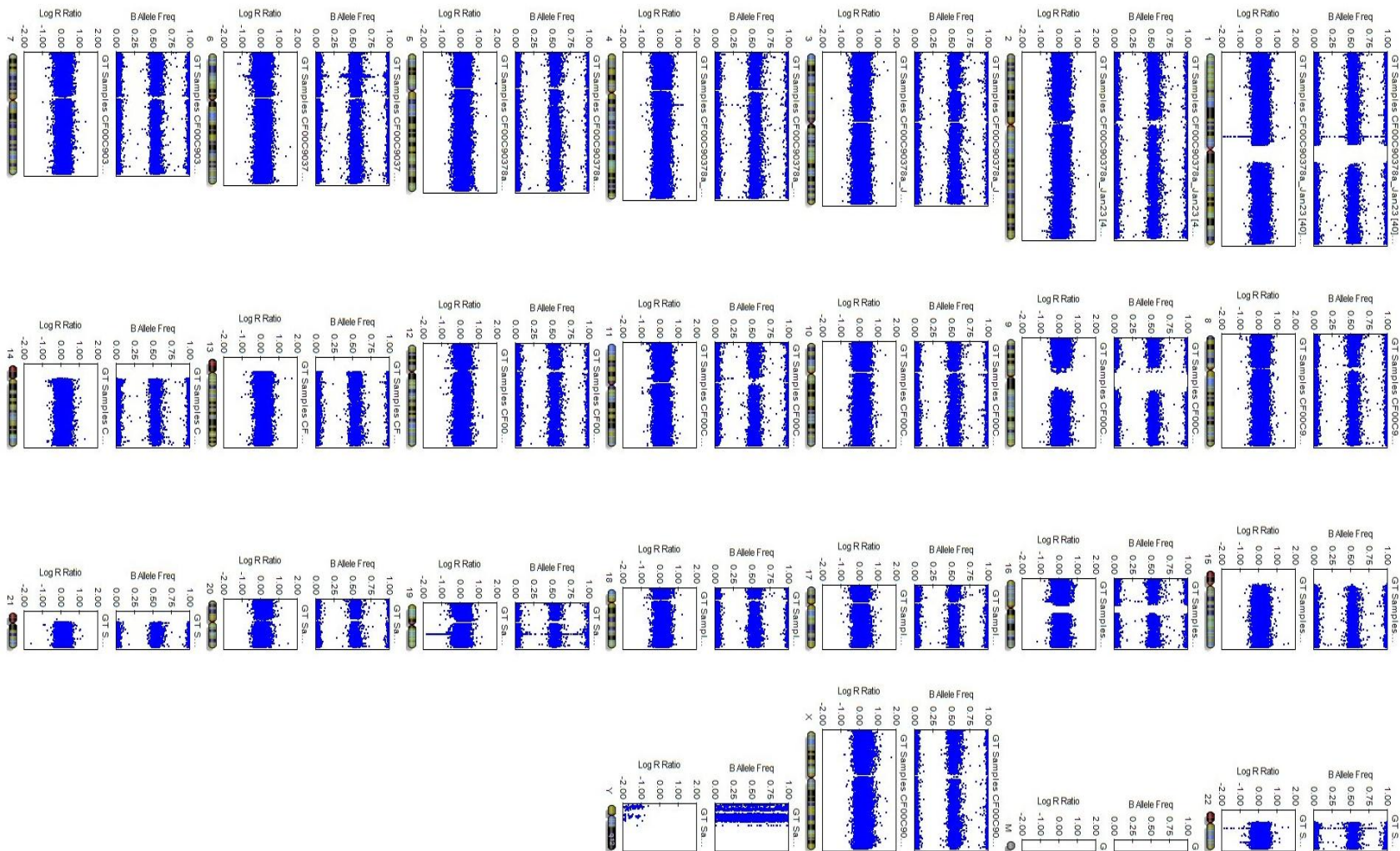
- Passage 16
- Identity to parent PBMC confirmed
- Karyotype abnormalities:
 - No gross abnormalities detected vs PBMC

Alignment of CF00C90378A PBMC SNPs with DRICUi015-A



Regression Coefficient R^2 : 0.9829

Karyogram CF00C90378A PBMC



Karyogram DRICUi015-A

