IPMAR

IPSC Platform to Model Alzheimer's Disease Risk

Certificate of analysis

DRICUi021-A

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

Date: 09/06/2026

Supervisor: H Hall-Roberts

Date: 19/06/2026

Signature: 

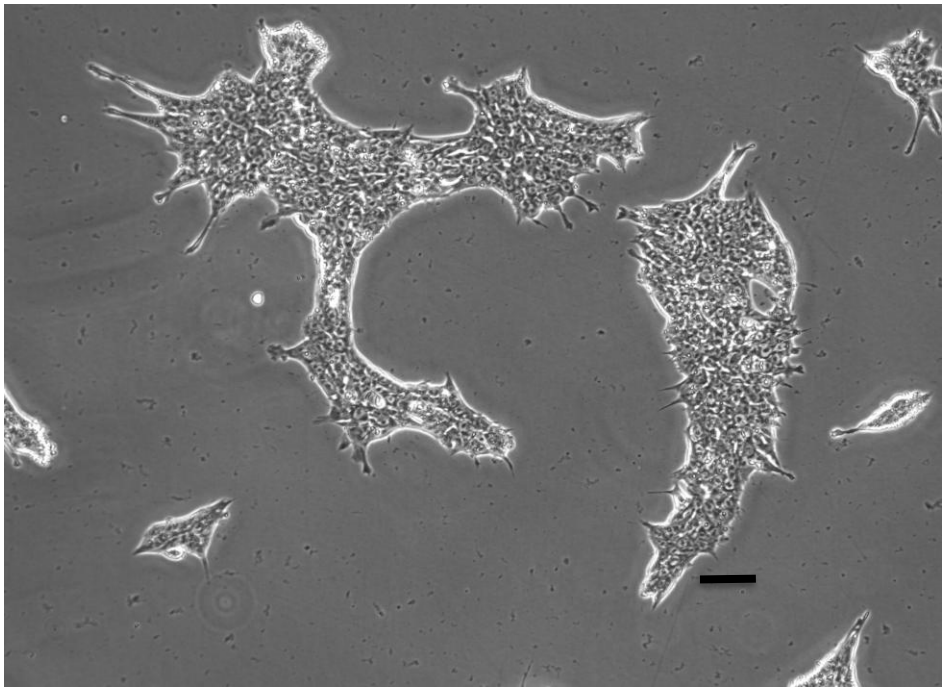
Source of cells and reprogramming information

- ADCAR24725UC T cells from Cardiff 16/12/2021
- Reprogrammed at UOXF AKA IPMAR24
- Reprogrammed on 04/2022 Sally Cowley/ Sarah Ellwood (Oxford)
- Reprogramming system Cytotune v2
- Clone DRICUi021-A = IPMAR24A8
- Banked at p13, 23/09/24, Jincy Winston (Cardiff)

Viability post-thaw and Morphology according to JMSCFSOP19 passage 14

- Vial cell count immediately post-thaw 1.6 x 10^6
- Viability immediately post-thaw 90.1%
- Photo at day 2 post-thaw (scale bar = 100µm):

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

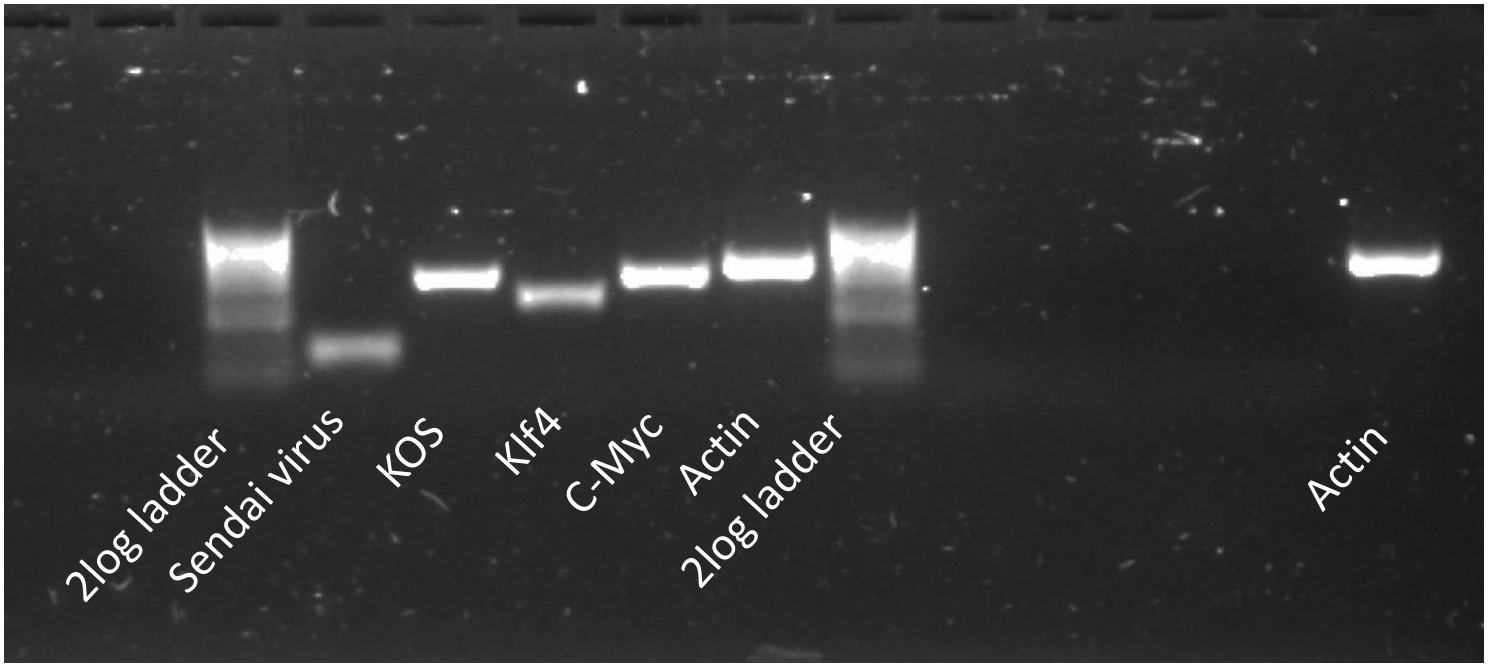


Sendai Cytotune 2 clearance: according to Cytotune manual

Virus undetectable at passage 11

Positive control

DRICUi021-A/ IPMAR24A8 p11



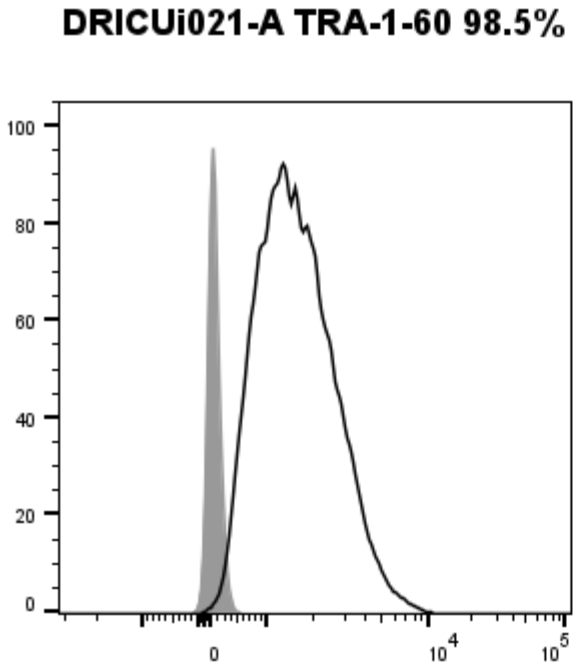
Product sizes: SeV 181bp; KOS 528bp; SeV-Klf 410bp; SeV-Myc 532bp; Actin 623bp

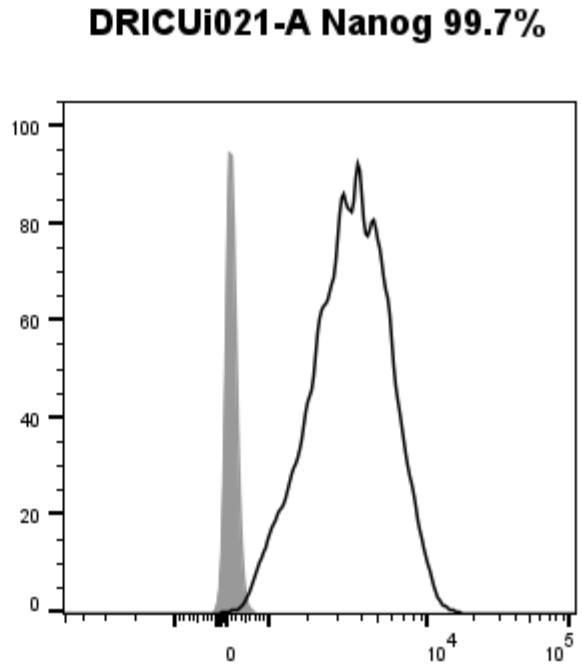
Sterility:

Mycoplasma test performed by Eurofins Genomics on 13/03/2025, undetectable at passage 15.

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 13

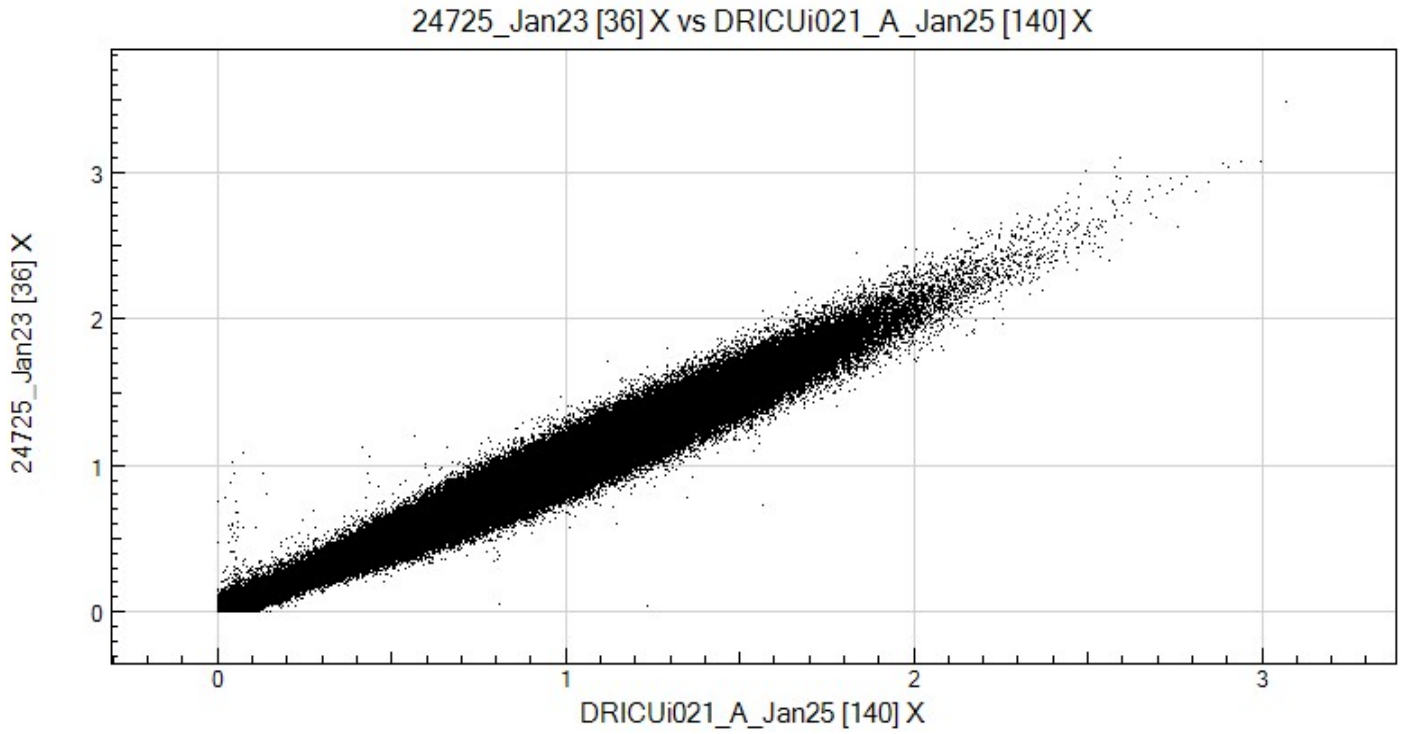




Illumina GSA SNP analysis according to JMSCFSOP16

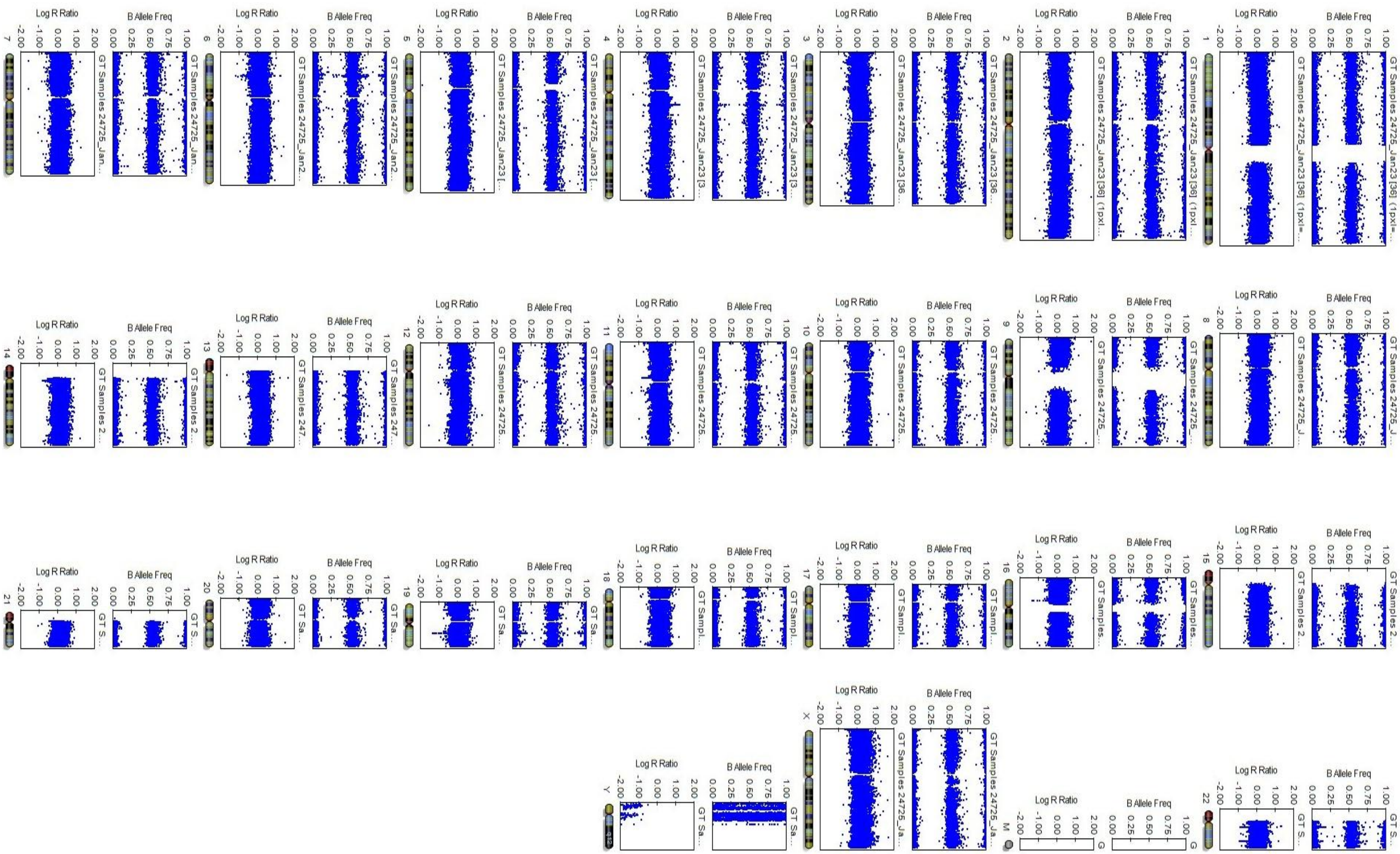
- Passage 13
- Identity to parent PBMC confirmed
- Karyotype abnormalities:
  - No gross abnormalities detected vs PBMC

Alignment of ADCAR24725UC PBMC SNPs with DRICUi021-A



Regression Coefficient R^2 : 0.9845

Karyogram ADCAR24725UC PBMC



Karyogram DRICUi021-A