IPMAR

IPSC Platform to Model Alzheimer's Disease Risk

Certificate of analysis

DRICUi038-A

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

Date: 03/06/2026

Supervisor: H Hall-Roberts

Date: 19/06/2026

Signature: 

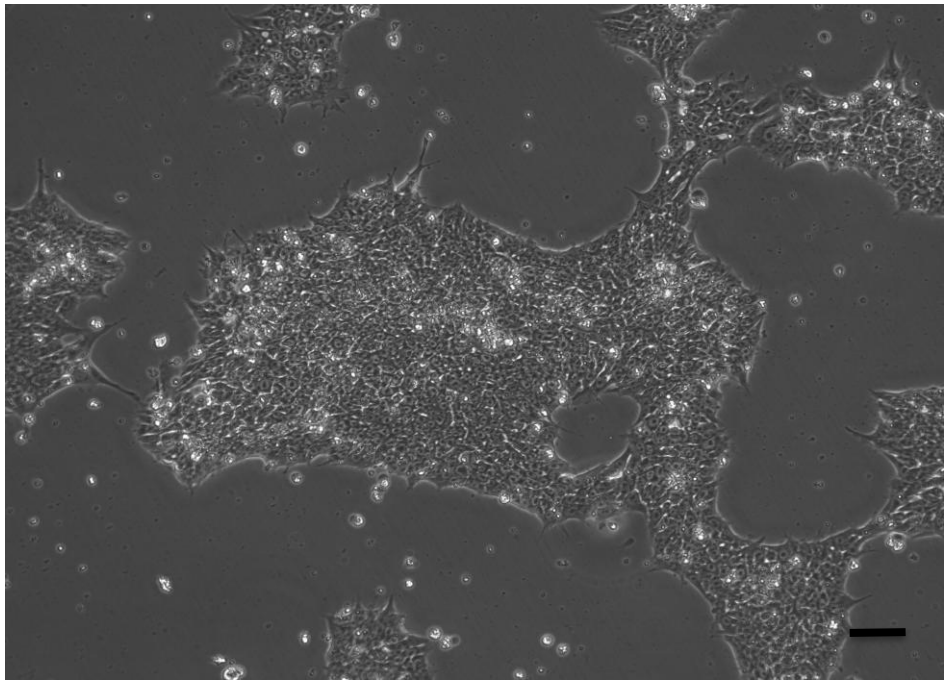
Source of cells and reprogramming information

- ADANG14287UC T cells from Cardiff 26/10/22
- Reprogrammed at UOXF AKA IPMAR44
- Reprogrammed on 01/2023 Sally Cowley/ Sarah Ellwood (Oxford)
- Reprogramming system Cytotune v2
- Clone DRICUi034-A = IPMAR44A2
- Banked at P16, 18/07/23, Jincy Winston (Cardiff)

Viability post-thaw and Morphology according to JMSCFSOP19 passage 17

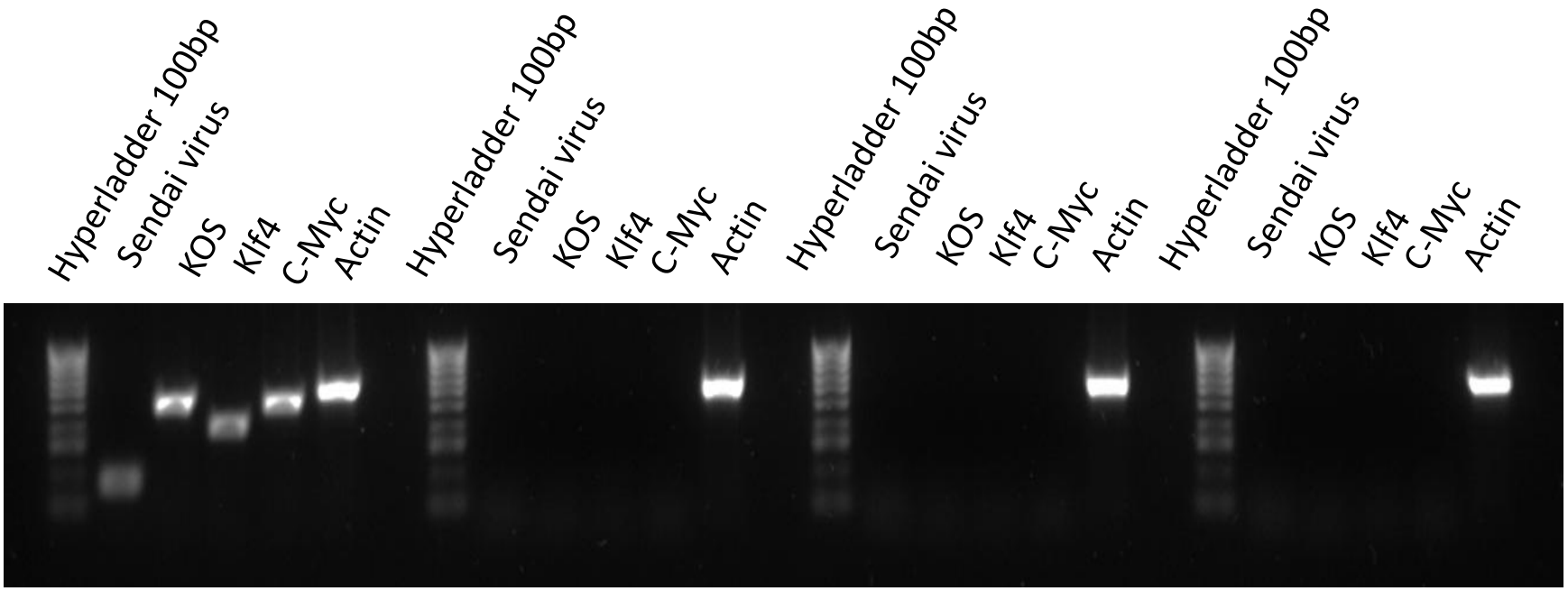
- Vial cell count immediately post-thaw 2.56 x 10^6
- Viability immediately post-thaw 94.2%
- Photo at day 4 post-thaw (scale bar = 100µm):

Day 4 post-thaw, 25% plated to 1w.6wp



Sendai Cytotune 2 clearance: according to Cytotune manual

Virus undetectable at passage 17



Positive control

DRICUi038-A
P17

xxx

xxx

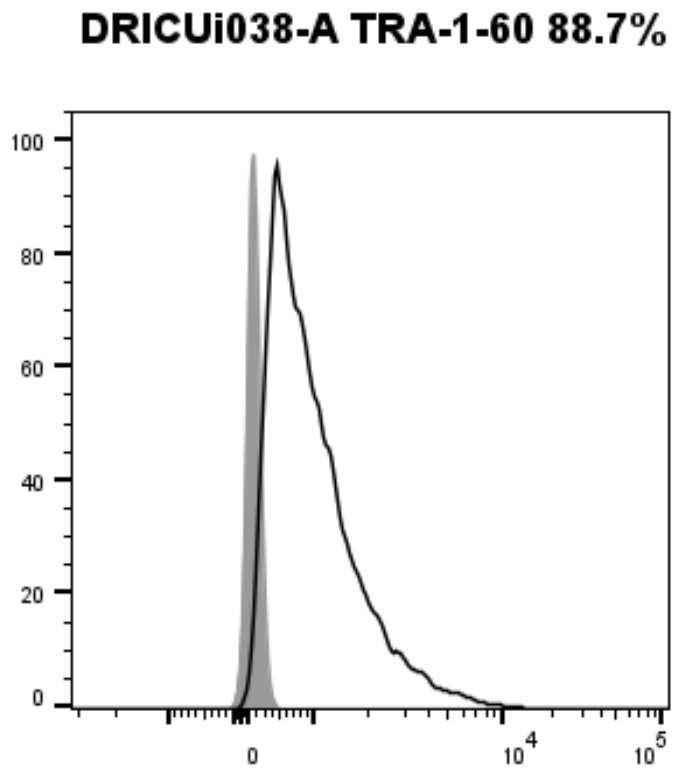
Product sizes: SeV 181bp; KOS 528bp; SeV-Klf 410bp; SeV-Myc 532bp; Actin 623bp

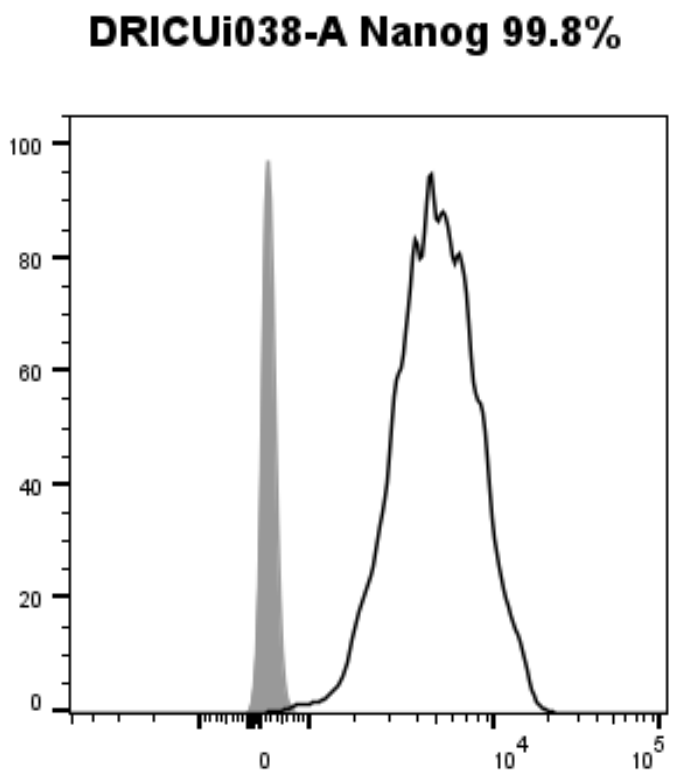
Sterility:

Mycoplasma test performed by Eurofins Genomics on 27/04/2026, 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 17

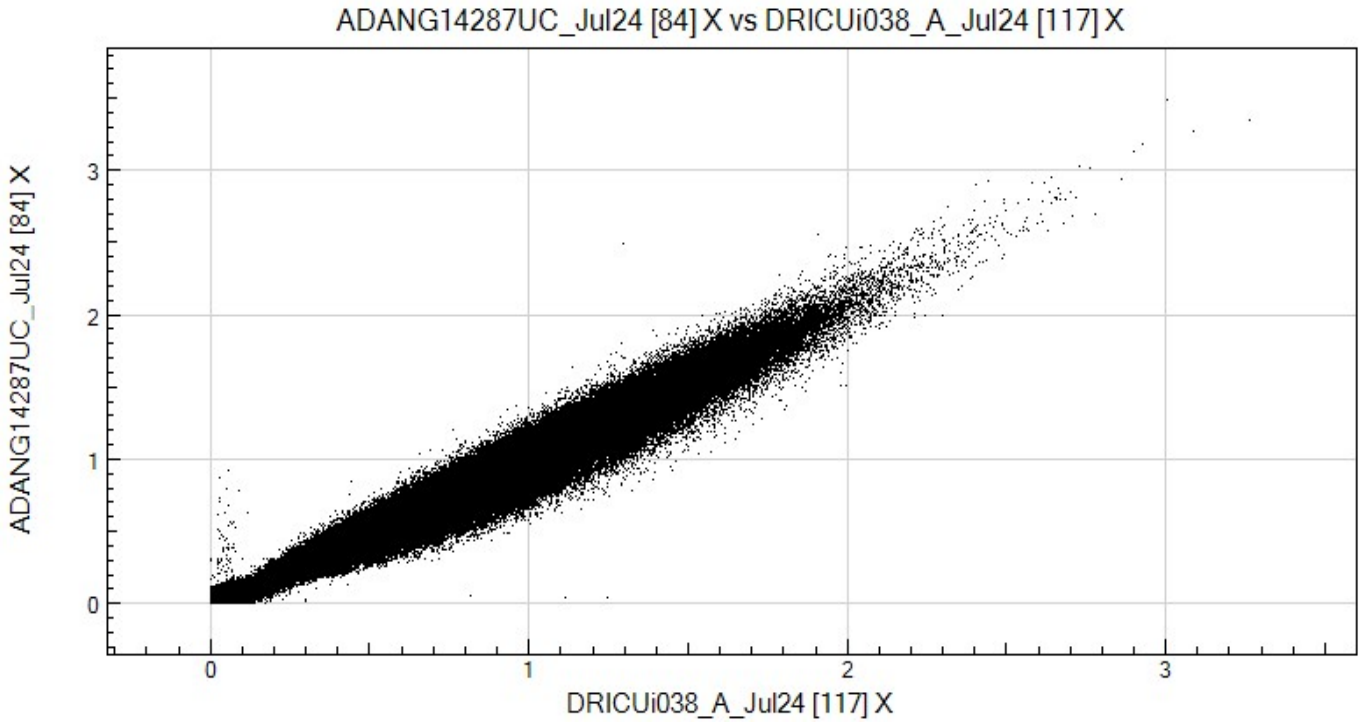




Illumina GSA SNP analysis according to JMSCFSOP16

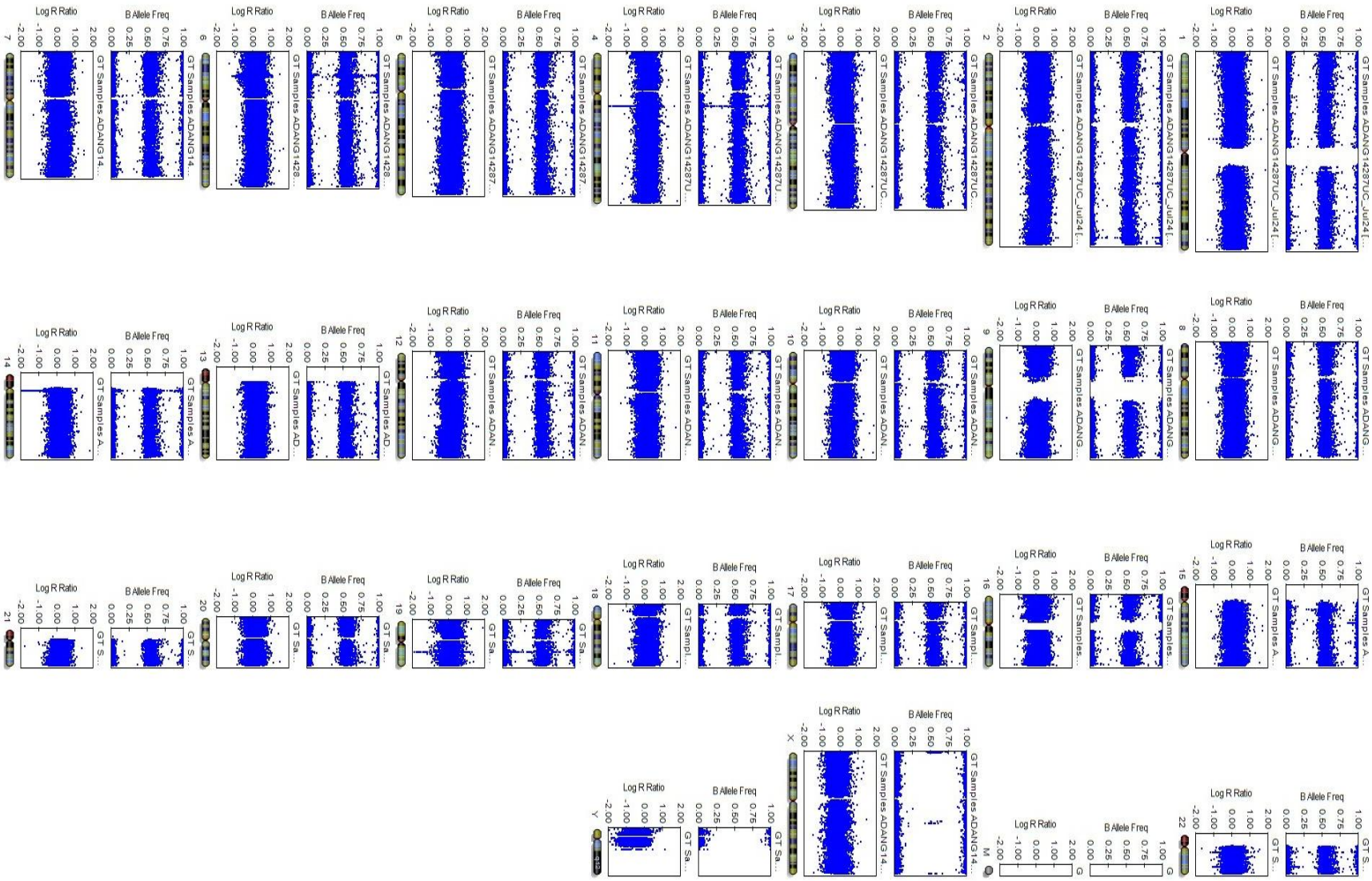
- Passage 16
- Identity to parent PBMC confirmed
- Karyotype abnormalities:
  - No gross abnormalities detected vs PBMC

Alignment of ADANG14287UC PBMC SNPs with DRICUi038-A



Regression Coefficient R^2 : 0.9826

Karyogram ADANG14287UC PBMC



Karyogram DRICUi038-A