IPMAR

IPSC Platform to Model Alzheimer's Disease Risk

Certificate of analysis

DRICUi037-A

Operators: J Winston/R O'Donoghue

Date: 09/06/2026

Supervisor: H Hall-Roberts

Date: 19/06/2026

Signature: 

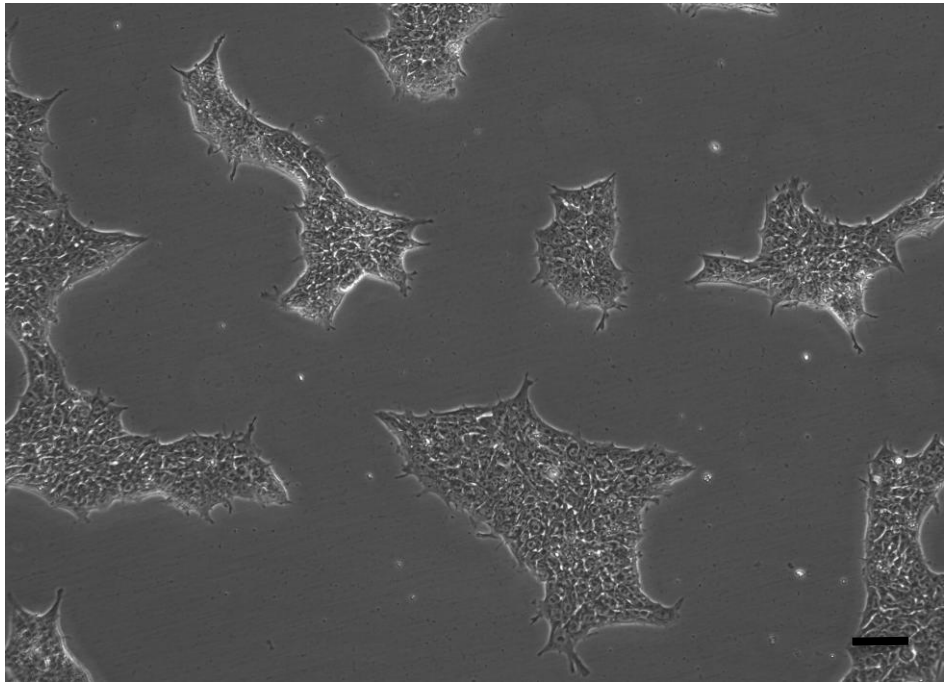
Source of cells and reprogramming information

- ADLON44274UC T cells from Cardiff 26/10/22
- Reprogrammed at UOXF AKA IPMAR43
- Reprogrammed on 01/2023 Sally Cowley/ Sarah Ellwood (Oxford)
- Reprogramming system Cytotune v2
- Clone DRICUi037-A = IPMAR43A3
- Banked at p13, 26/12/25, Jincy Winston (Cardiff)

Viability post-thaw and Morphology according to JMSCFSOP19 passage 14

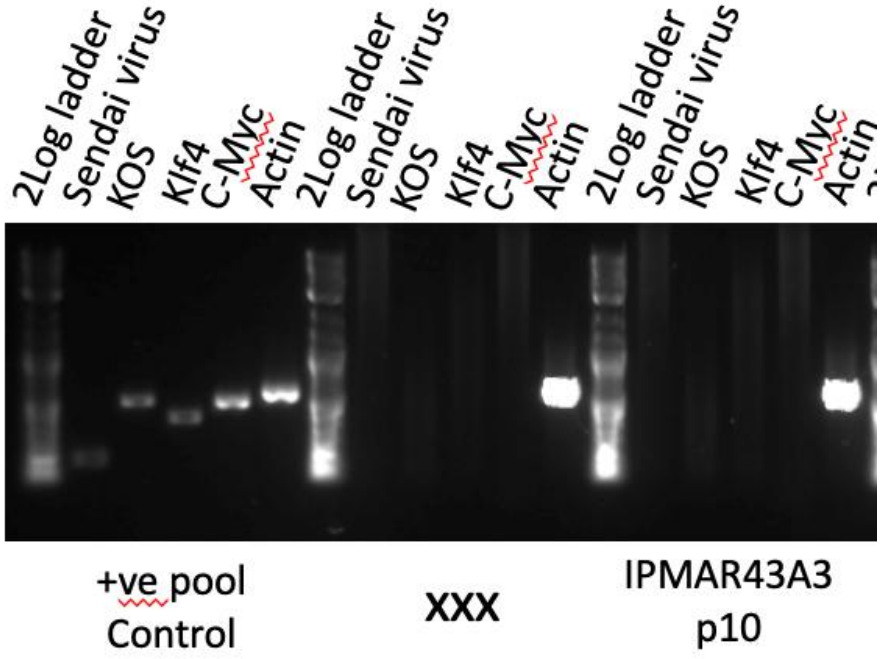
- Vial cell count immediately post-thaw 9.7 x 10^5
- Viability immediately post-thaw 90.6%
- Photo at day 2 post-thaw (scale bar = 100µm):

Day 2 post-thaw, 25% plated to 1w.6wp



Sendai Cytotune 2 clearance: according to Cytotune manual

Virus undetectable at passage 10



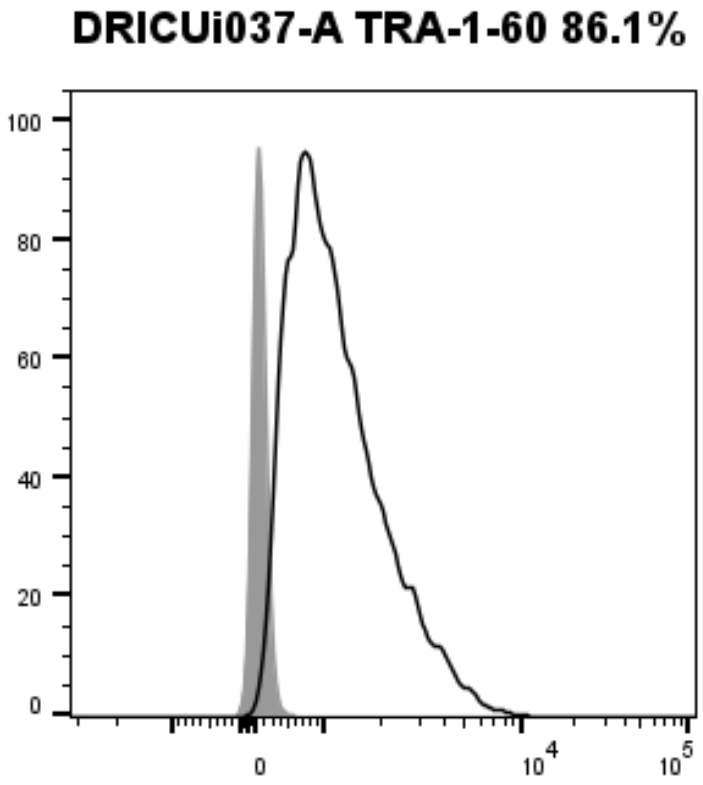
Product sizes: SeV 181bp; KOS 528bp; SeV-Klf 410bp; SeV-Myc 532bp; Actin 623bp

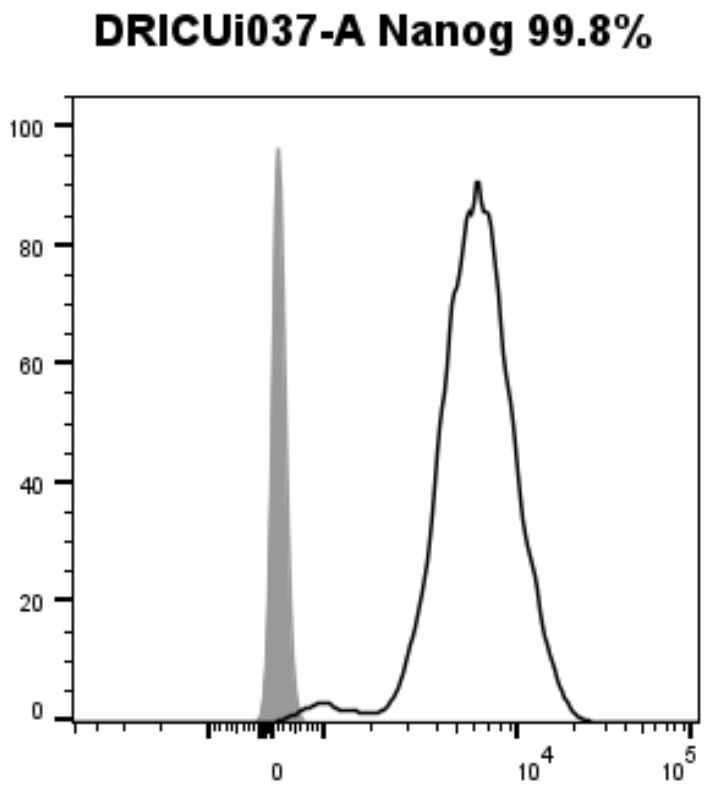
Sterility:

Mycoplasma test performed by Eurofins Genomics on 27/04/2026, undetectable at passage 16.

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 14

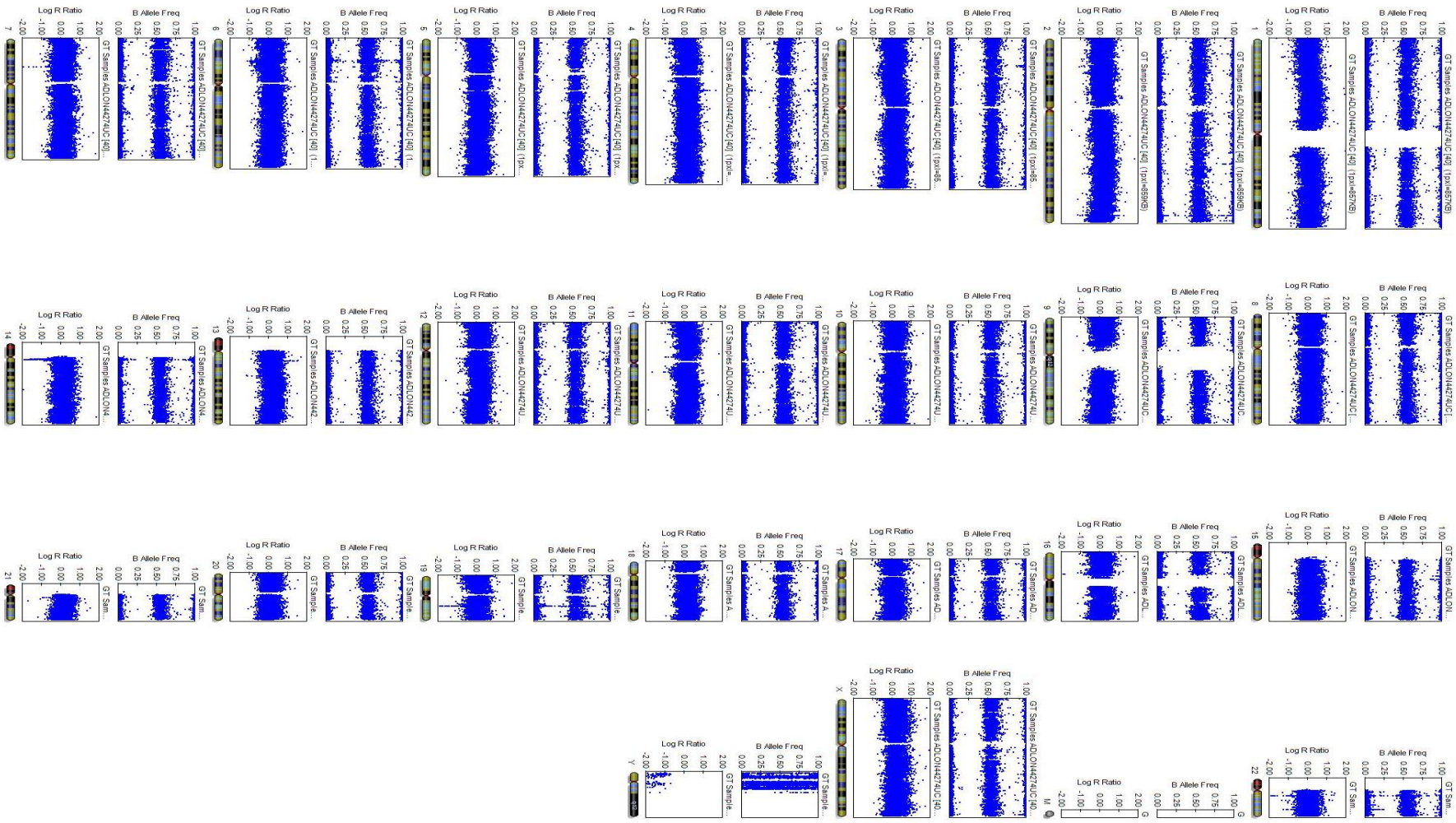




Illumina GSA SNP analysis according to JMSCFSOP16

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

Karyogram ADLON44274UC PBMC



Karyogram DRICUi037-A