



**IPMAR**

IPSC Platform to Model Alzheimer's Disease Risk

# Certificate of analysis

**DRICUi046-A**

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

Date: 04/06/2026

Supervisor: H Hall-Roberts

Date: 19/06/2026

Signature: *HCRoberts*

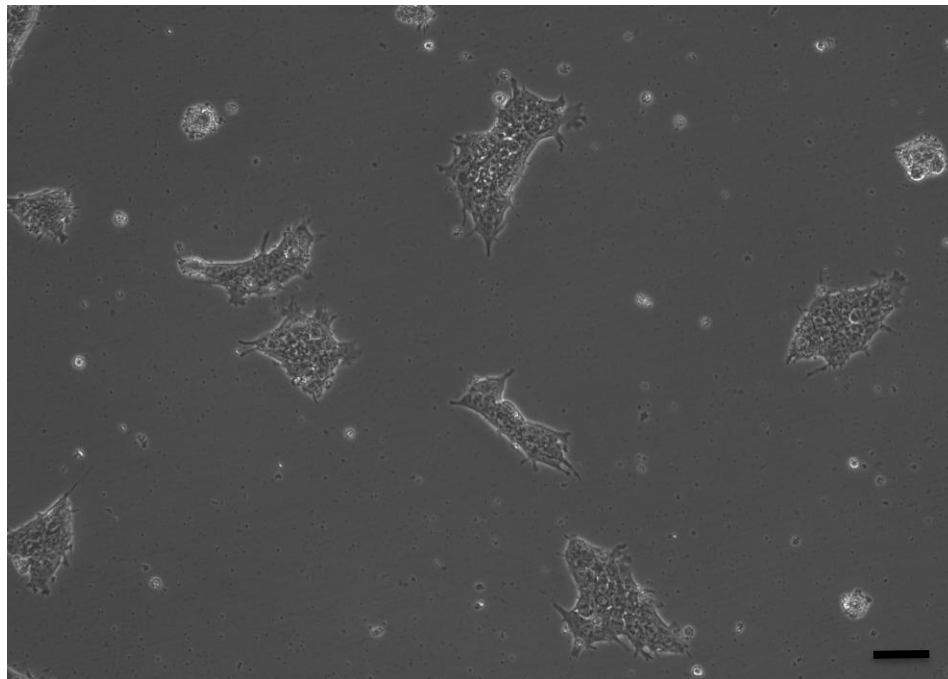
# Source of cells and reprogramming information

- ADCAR24372UC T cells from Cardiff 21/02/23
- Reprogrammed at UOXF AKA IPMAR52
- Reprogrammed on 03/2023 Sally Cowley/  
Sarah Ellwood (Oxford)
- Reprogramming system Cytotune v2
- Clone DRICUi046-A = IPMAR52A1
- Banked at p13, 29/07/23, Jincy Winston  
(Cardiff)

# Viability post-thaw and Morphology according to JMSCFSOP19 passage 14

- Vial cell count immediately post-thaw  $1.84 \times 10^6$
- Viability immediately post-thaw 93%
- Photo at day 2 post-thaw (scale bar =  $100\mu\text{m}$ ):

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





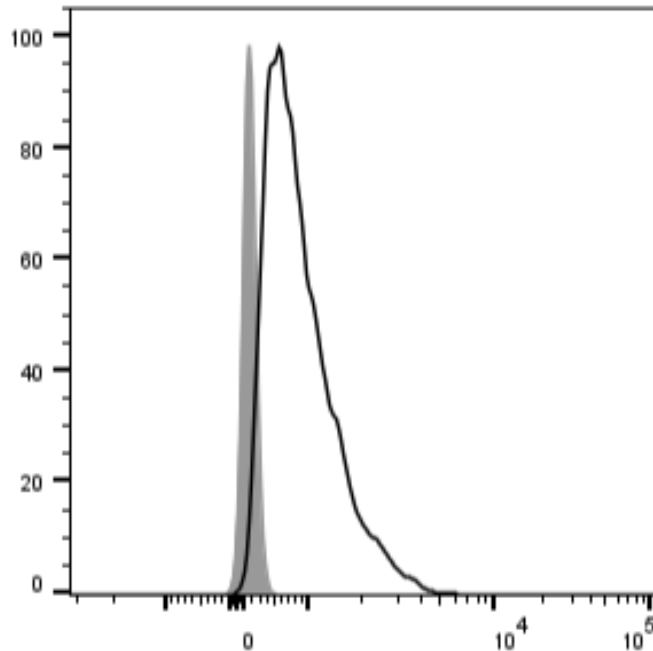
# Sterility:

Mycoplasma test performed by Eurofins Genomics on 27/04/2026, undetectable at passage 15.

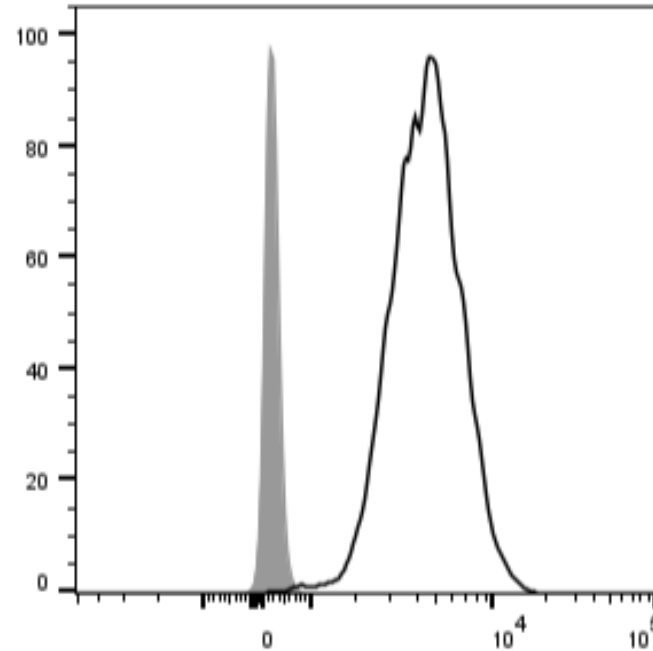
Visual inspection of thawed cells cultured without antibiotic/antimycotic for 4 days:  
no evidence of bacteria, yeast or fungus.

# Flow cytometric analysis according to JMSCFSOP05 passage 14

**DRICUi046-A TRA-1-60 88.4%**



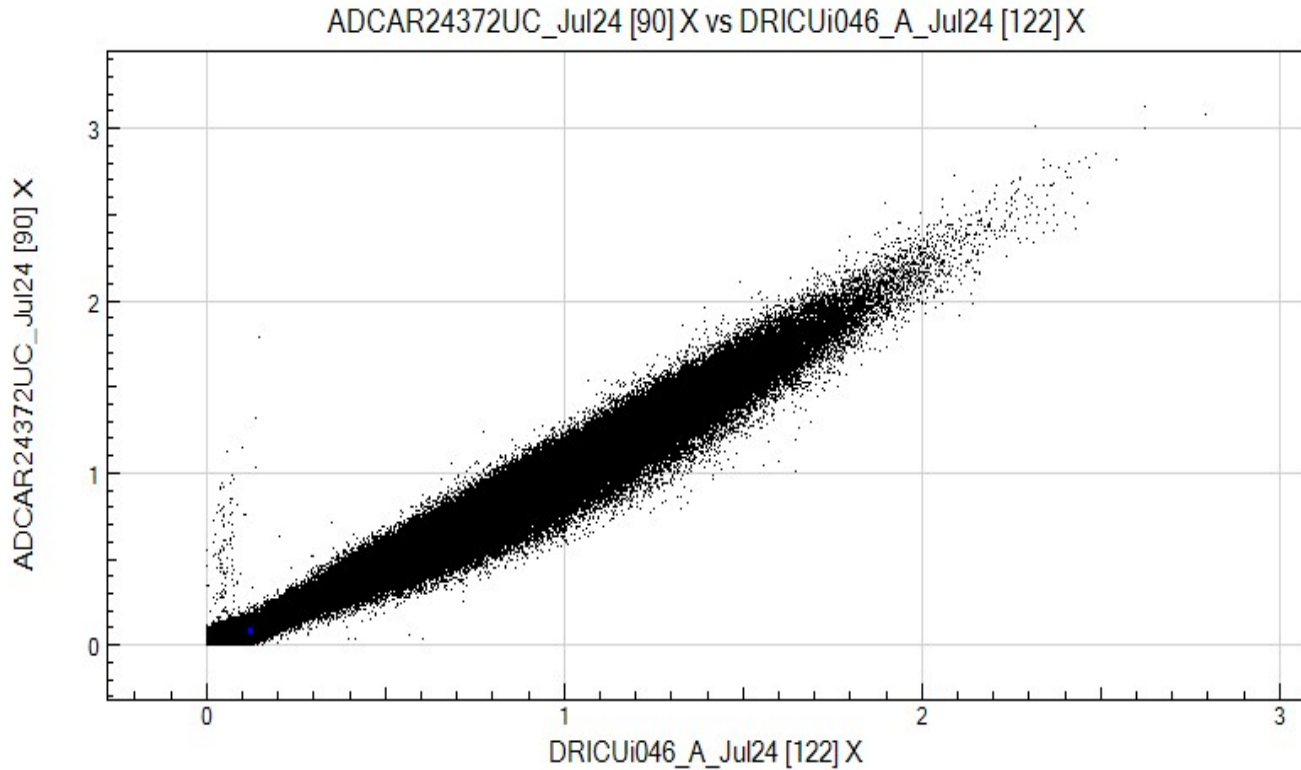
**DRICUi046-A Nanog 99.8%**



# Illumina GSA SNP analysis according to JMSCFSOP16

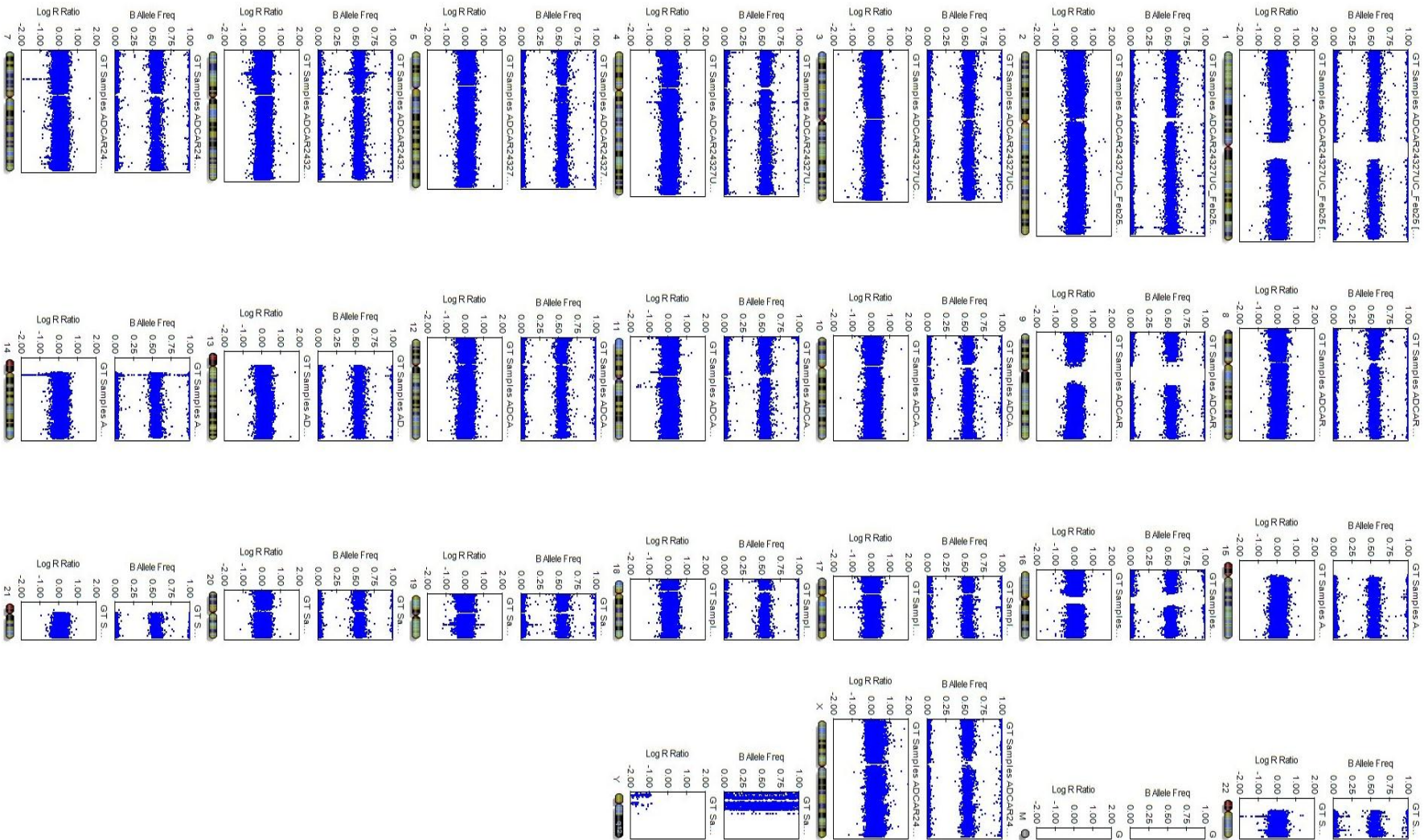
- Passage 13
- Identity to parent PBMC confirmed
- Karyotype abnormalities:
  - No gross abnormalities detected vs PBMC

# Alignment of ADCAR24372UC PBMC SNPs with DRICUi046-A



Regression Coefficient  $R^2$  : 0.9830

# Karyogram ADCAR24372UC PBMC



# Karyogram DRICUi046-A

