



# Certificate of analysis

SFC866-03-05

Operator: Jane Vowles

Date: 08/09/2015

Supervisor: Sally Cowley

Date: 08/05/2017

Signature:

*SACowley*

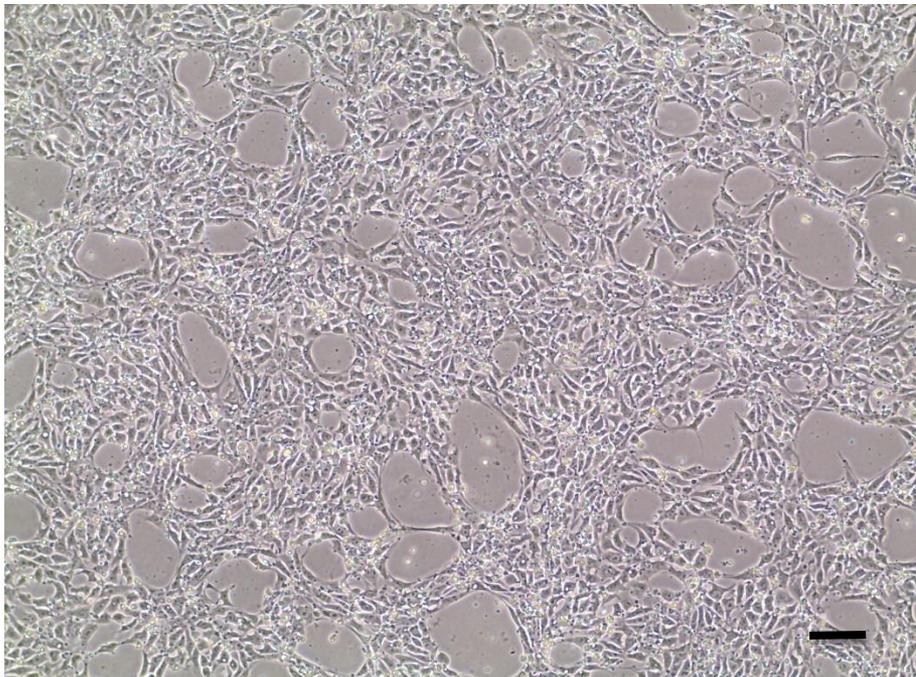
# Source of fibroblasts and reprogramming information

- SF866 from Oxford University Hospitals
- Reprogrammed at UOXF JMSCF
- Reprogrammed on 02/10/2014 at passage 4
- Cytotune v2 WP3 SOP10

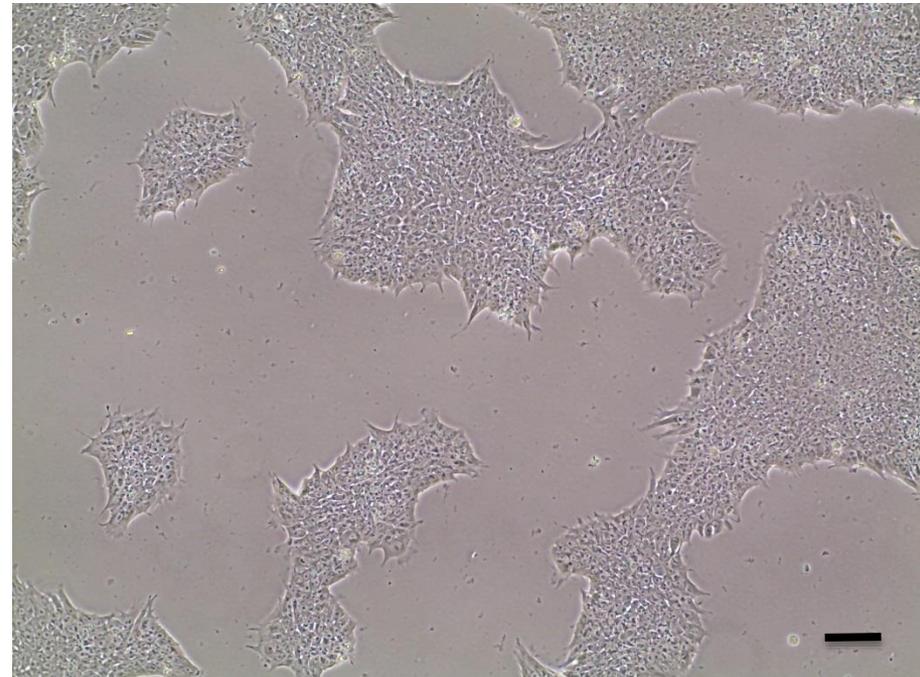
# Viability post-thaw and Morphology according to SOP19 passage 17

- Cell count immediately post-thaw  $2.7 \times 10^6$
- Viability immediately post-thaw 83%
- Photo post-thaw (scale bar =  $100\mu\text{m}$ ):

80% plated 24 hour post thaw 24 hour

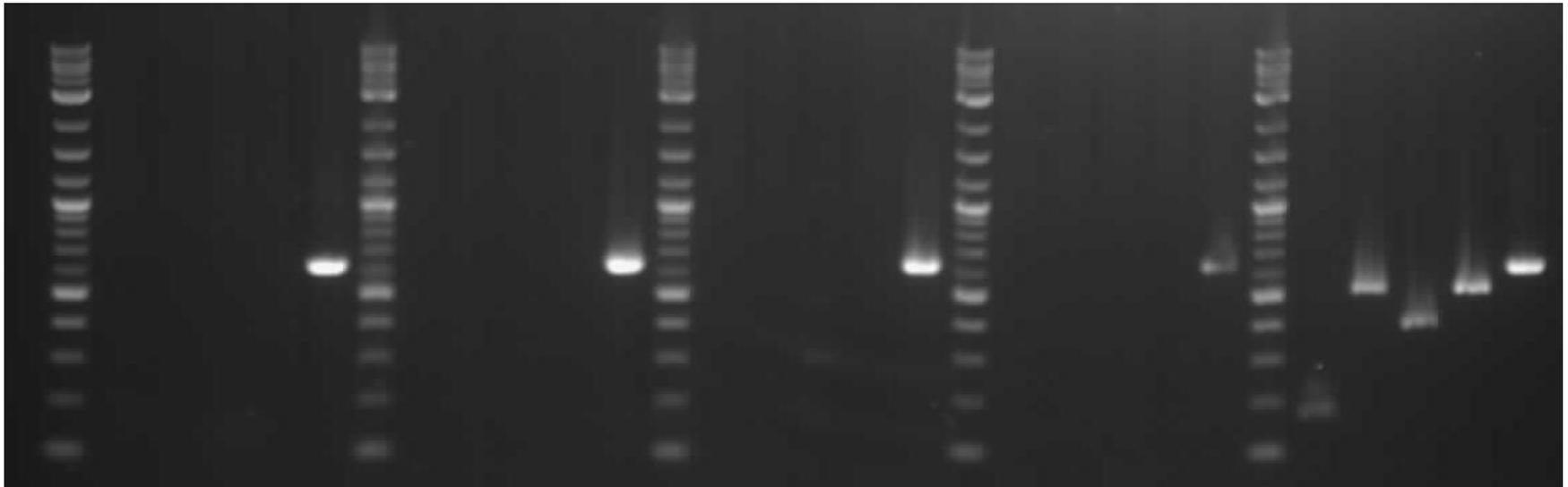


20% plated day 4 post thaw



# Sendai clearance: according to WP3 SOP15 undetectable at passage 17

2Log ladder  
Sendai virus  
KOS  
Klf4  
C-Myc  
Actin  
2Log ladder  
Sendai virus  
KOS  
Klf4  
C-Myc  
Actin



**SFC866-03-05**

SFC069-03-01

SFC139-03-06

SFC843-03-09

+ control

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

# Mycoplasma Test:

## According to MycoAlert Lonza LT07-318 undetectable at passage 17

Sample	Clone	Passage number	Initial	Reading 1	Reading 2	Ratio/Status
+ve control				7.64	199.10	26.07
-ve control				9.31	0.60	0.06
15	SFC866-03-05	p17	JV	3.21	0.96	0.30

Results mean

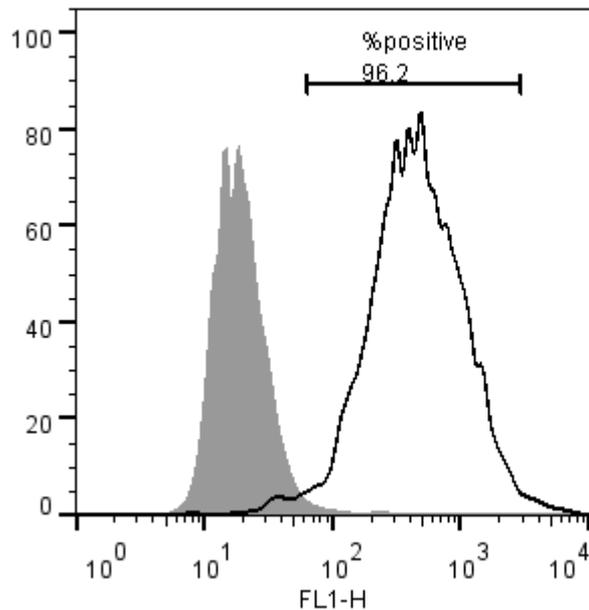
Ratio **0 - 0.999** negative for mycoplasma

Ratio **1 – 1.3** Borderline Result (retest required)

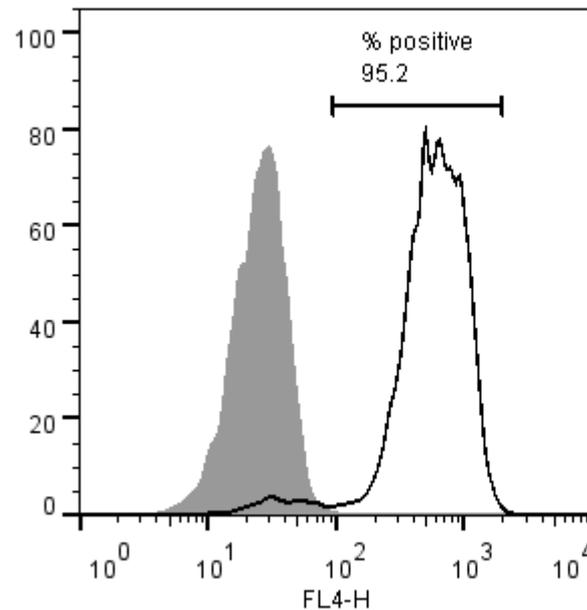
Ratio above **1.3** positive for mycoplasma

# Flow cytometric analysis according to WP3 SOP 20 and 21 passage p17

Tra-1-60:



NANOG:



# SNP analysis

according to WP3 SOP Preparation of DNA  
and RNA samples for Illumina arrays

- Passage 17
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected
- For details and raw data see StemDB