



# Certificate of analysis

SFC828-03-09

Operator: Walther Haenseler Date: 31.08.2014

Supervisor signature: Sally Cowley Date: 31.08.2014

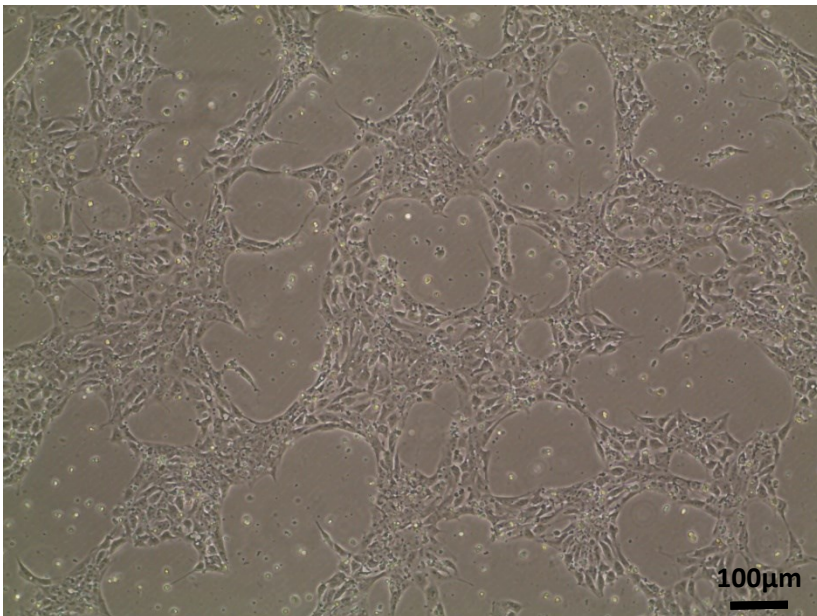
*SACowley*

# Source of fibroblasts and reprogramming information

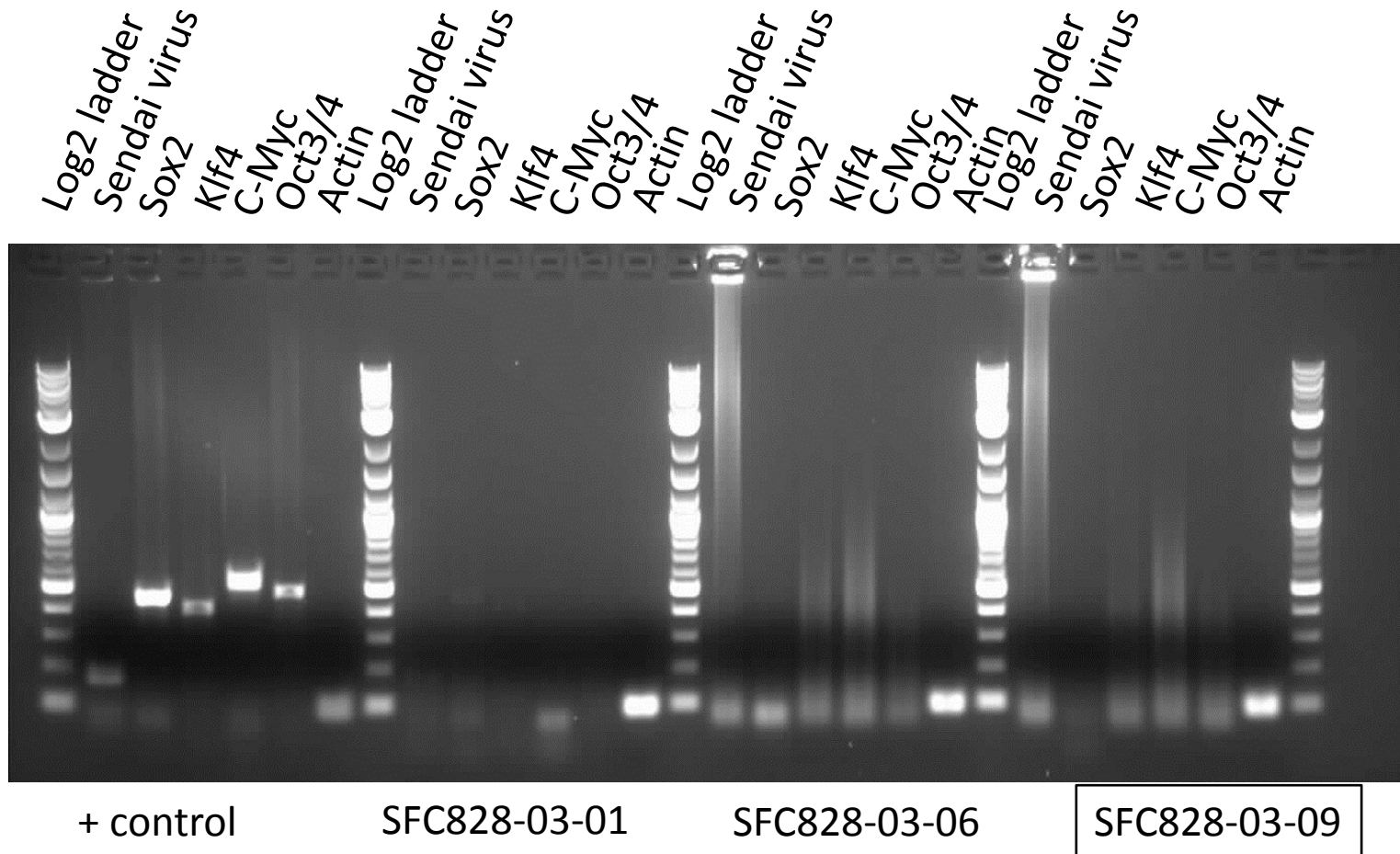
- SF828 from UCL 24/08/2011
- Reprogrammed at UOXF JMSCF WH
- Reprogrammed on 03/10/2013 at passage 3
- Cytotune v1 WP3 SOP10

# Viability post-thaw and Morphology according to SOP19 passage 18

- Cell count immediately post-thaw  $3.07 \times 10^6$
- Viability immediately post-thaw 81.1%
- Photo at 24h post-thaw:



# Sendai clearance: according to WP3 SOP15 undetectable at passage 18



Product sizes: SeV 181bp; SeV-Sox 451bp; SeV-Klf 410bp; SeV-Myc 532bp; SeV-Oct 483bp; Actin 92bp

# Mycoplasma test:

## According to MycoAlert Lonza LT07-318

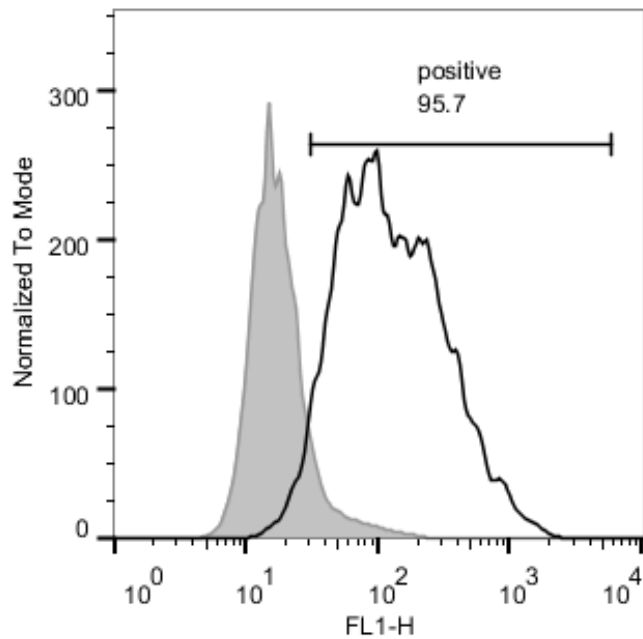
### Undetectable at passage 18

Sample	Operator	Passage No.	Reading 1	Reading 2	Ratio / Status
+ve Control			9.265	362.3	39.1
-ve Control			12.55	1.205	0.096
SFC828-03-09			3.977	1.935	0.487

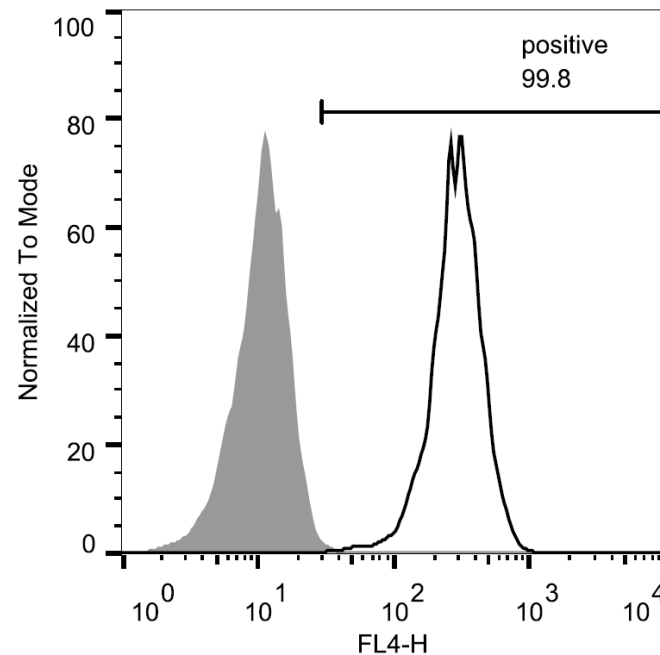
Ratio **0 - 0.999** negative for mycoplasma  
Ratio **1 – 1.3** Borderline Result (retest required)  
Ratio above **1.3** positive for mycoplasma

# Flow cytometric analysis according to WP3 SOP 20 and 21 passage 18

Tra-1-60:



NANOG:



# SNP analysis

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

- Passage 18
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities none detected
- For details and raw data see StemDB