



# Certificate of analysis

SFC185-01-11

Operator: Satyan Chintawar

Date: 07/06/2016

Supervisor: Zam Cader

Date: 01/11/2016

Signature:

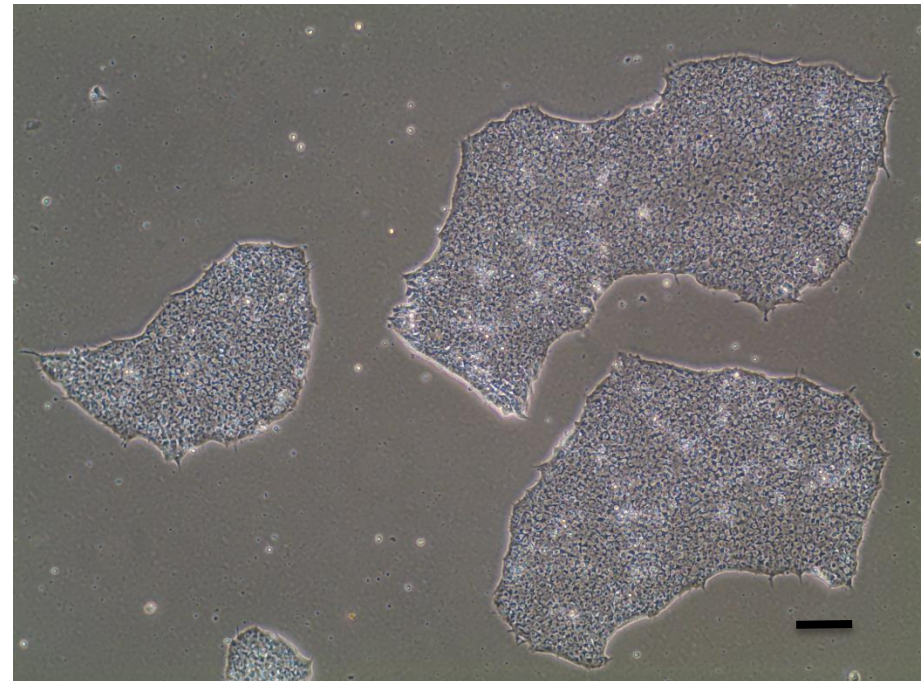
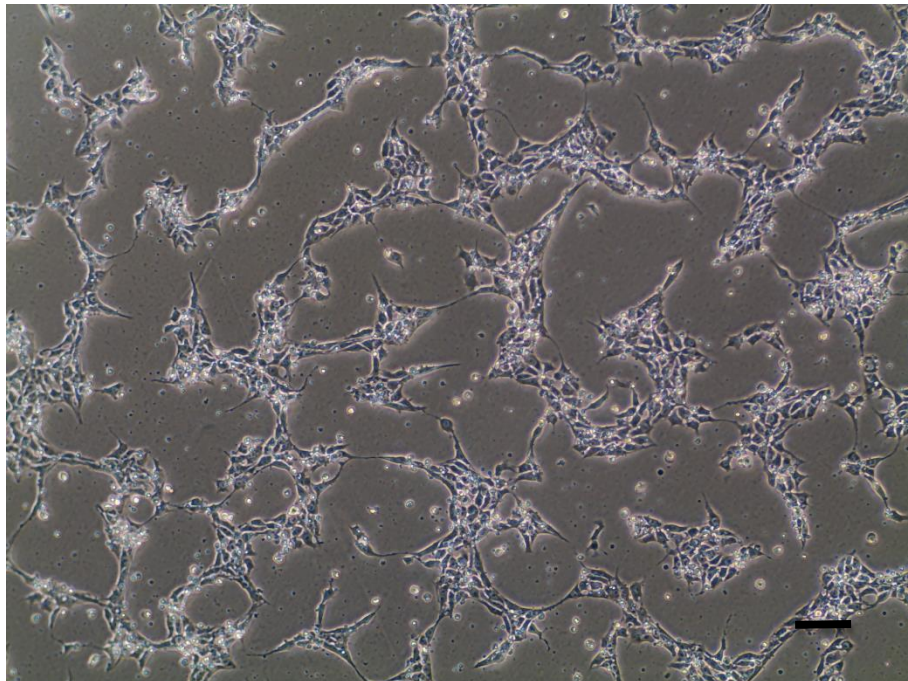
A handwritten signature in blue ink that reads "Zam Cader". The signature is written in a cursive, flowing style.

# Source of fibroblasts and reprogramming information

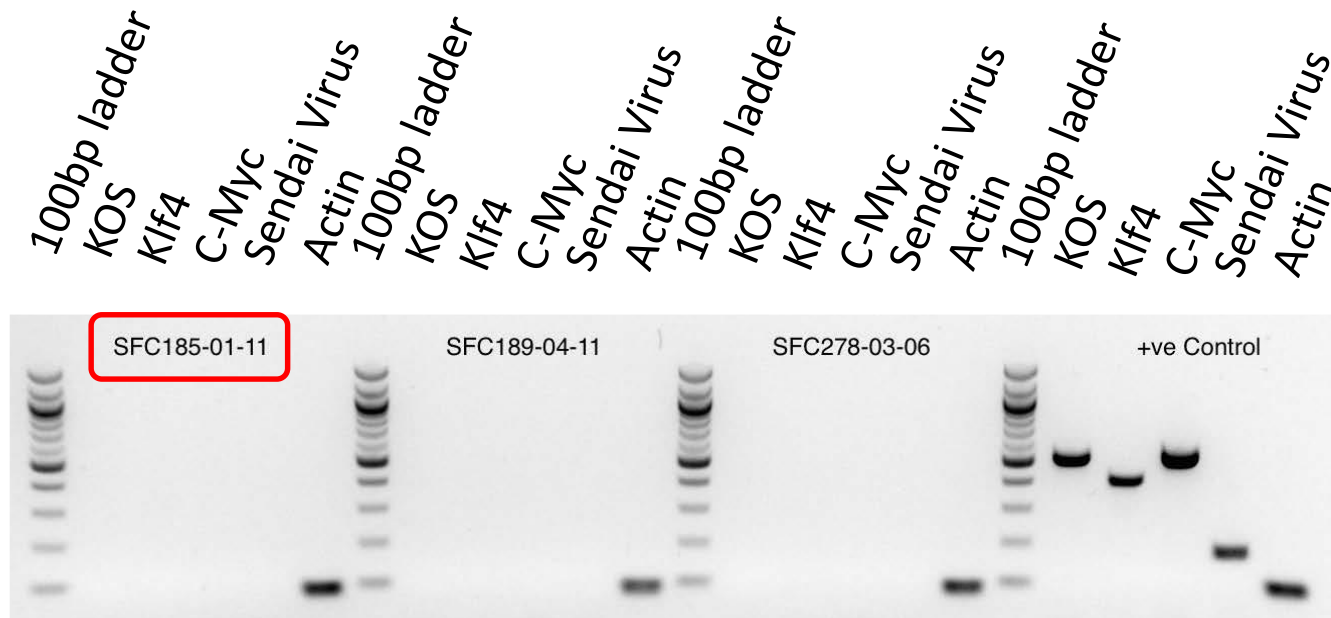
- SF185 from Glostrup Hospital, Denmark  
06/01/2015
- Reprogrammed at UOXF Z
- Reprogrammed on 13/05/2015 at passage 4
- Cytotune v2 WP3 SOP10

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

- Cell count immediately post-thaw  $1.48 \times 10^6$
- Viability immediately post-thaw 82%
- Photo at 24h and low density at day 5 post-thaw (scale bar =  $100\mu\text{m}$ ):



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



Product sizes: Actin 92bp; SeV 181bp; SeV KOS 528bp; SeV-Myc 532bp; SeV-Klf 410bp;

# Mycoplasma Test:

## According to MycoAlert Lonza LT07-318 undetectable at passage 18

Sample	Passage Number	Initials	Reading 1	Reading 2	Ratio/Status
+ ve control			2.2	163.2	74.18
- ve control			2.8	0.3	0.11
SFC185-01-11	p18	SDC	0.99	0.5	0.51

Results:

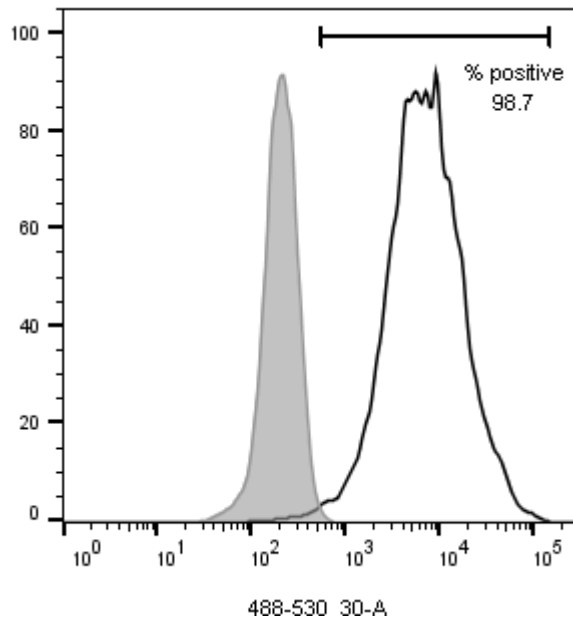
Ratio **0 - 0.999** negative for mycoplasma

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

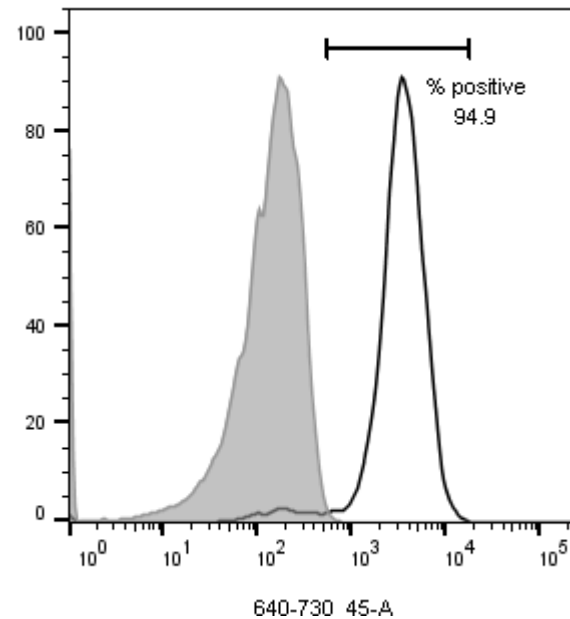
Ratio above **1.3** positive for mycoplasma

# 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