



Certificate of analysis

SFC850-03-01

Operator: Alison McBride

Date: 13/08/15

Supervisor: Zam Cader

Date: 12/01/2016

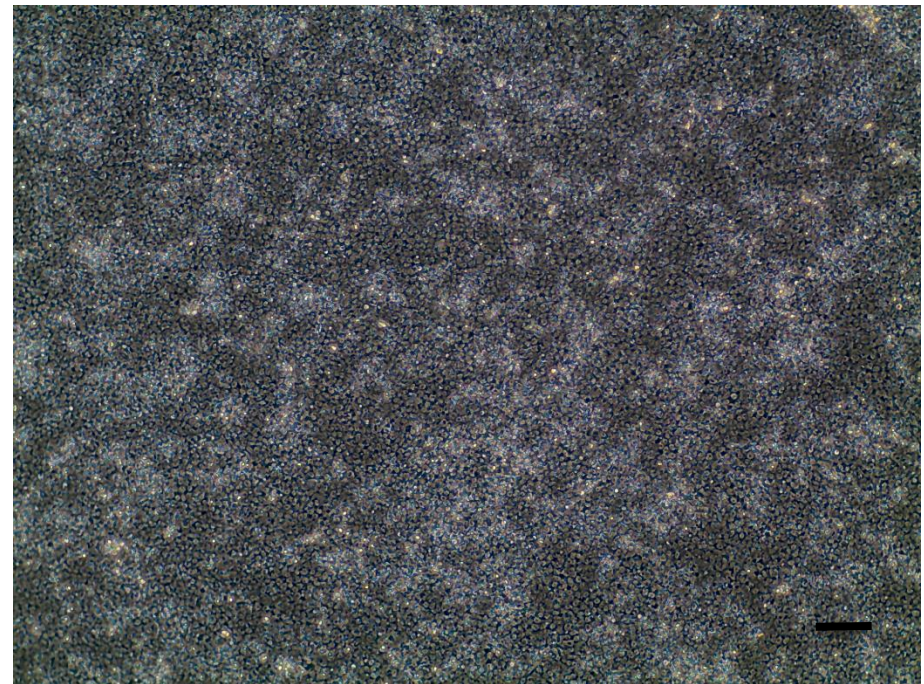
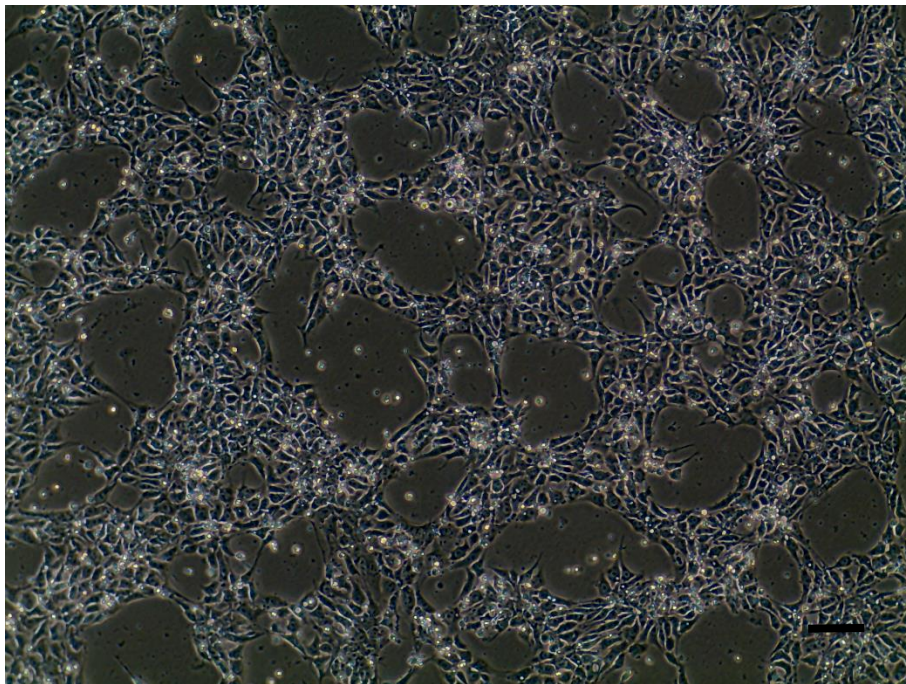
Signature: *Zam Cader*

Source of fibroblasts and reprogramming information

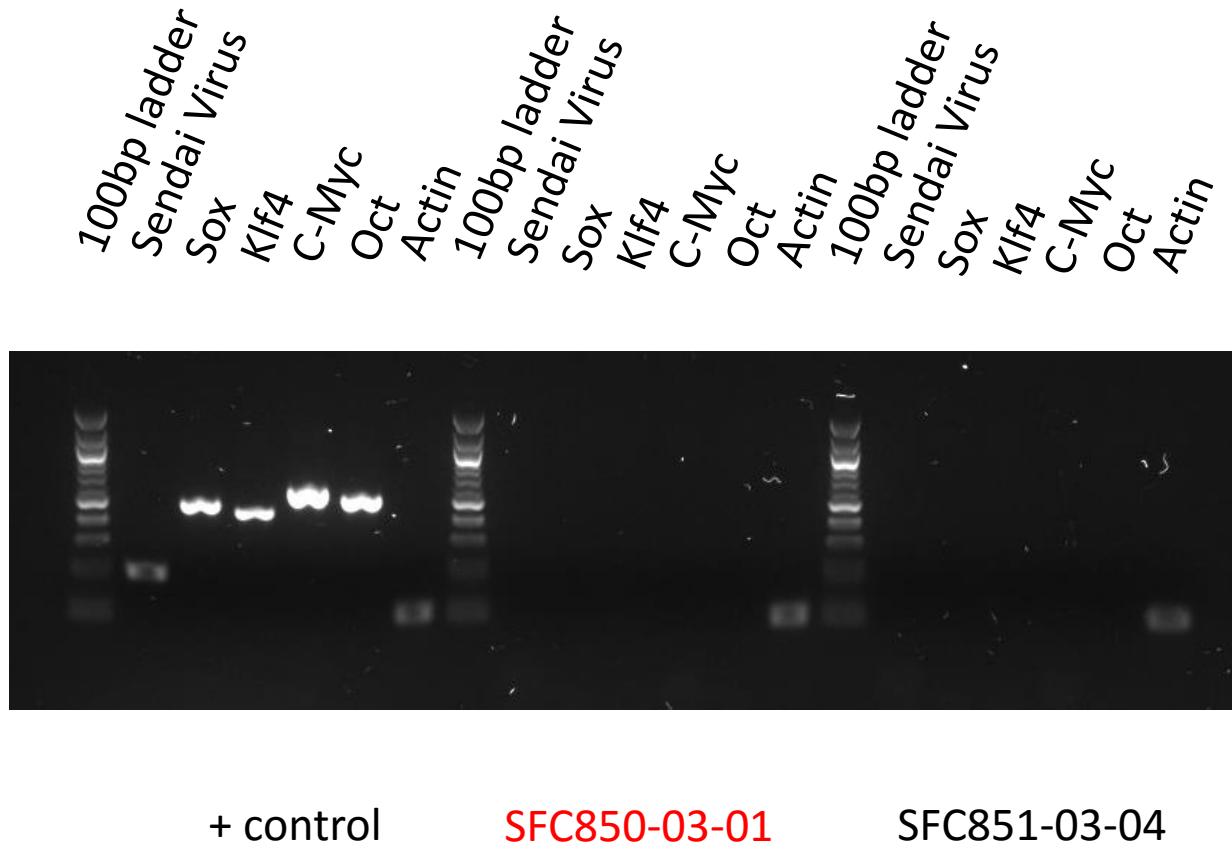
- SF850 from UCL, 27/08/2014
- Reprogrammed at UOXF WIMM
- Reprogrammed on 03/09/2014 at passage 4
- Cytotune v1 WP3 SOP10

Viability post-thaw and Morphology according to SOP19 passage 18

- Cell count immediately post-thaw 3.2×10^6
- Viability immediately post-thaw 86%
- Photo at 24h & day 5 post-thaw (scale bar = $100\mu\text{m}$):



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	Passage Number	Initials	Reading 1	Reading 2	Ratio/Status
+ ve control			54	2033	37.65
- ve control			94	28	0.30
SFC850-03-01	p18	AM	37	32	0.86

Results:

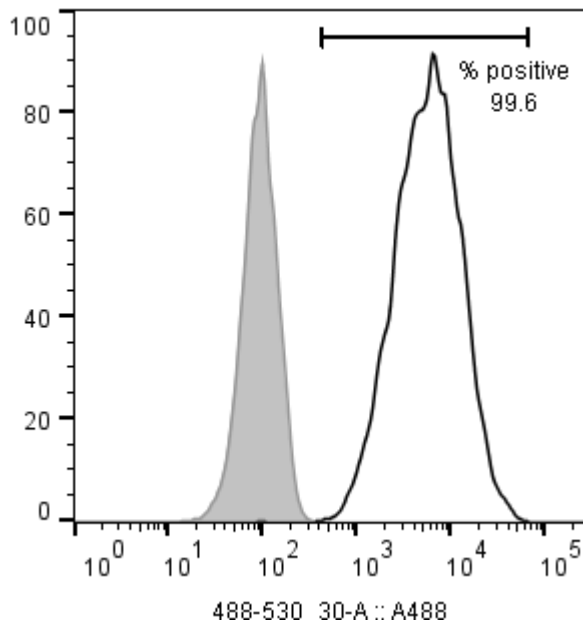
Ratio **0 - 0.999** negative for mycoplasma

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

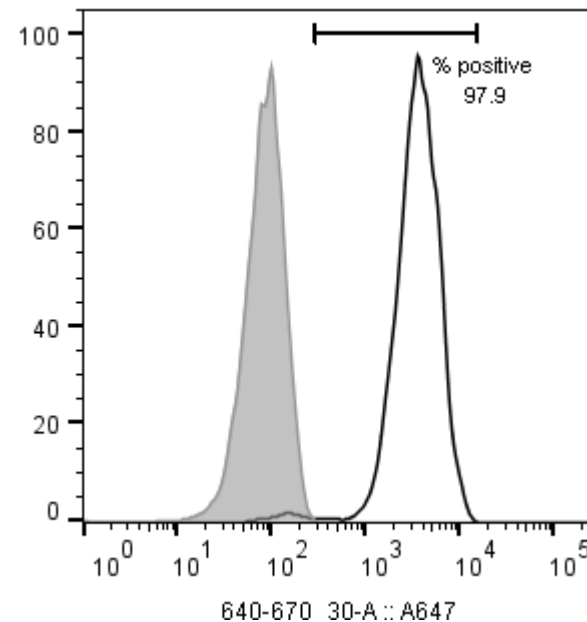
Ratio above **1.3** positive for mycoplasma

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