



Certificate of analysis

SFC090-03-07

Operator: Jane Vowles

Date: 17/02/2016

Supervisor: Sally Cowley

Date: 31/08/2016

Signature:

SACowley

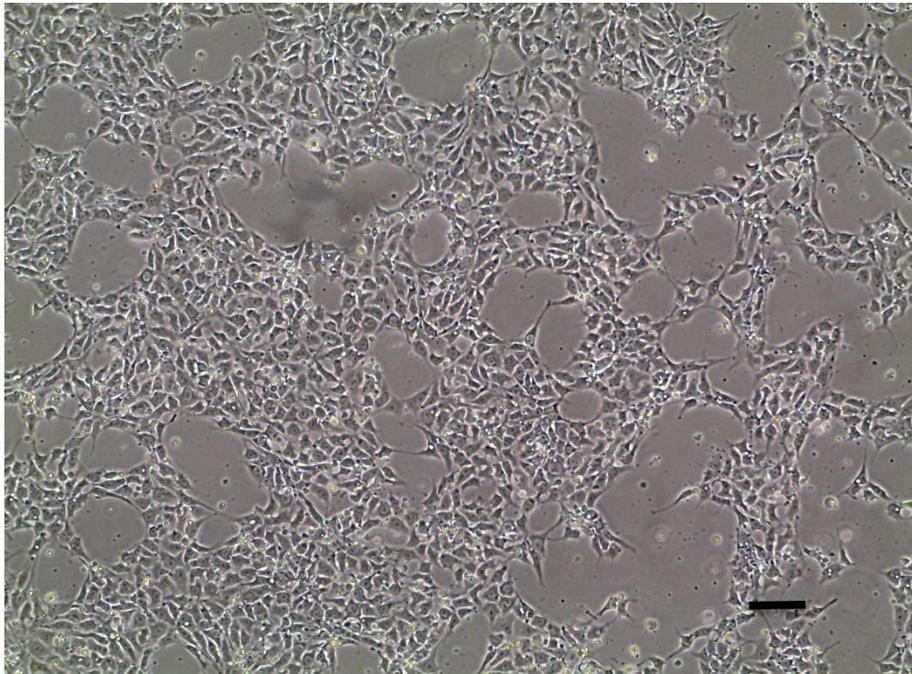
Source of fibroblasts and reprogramming information

- SF090 from Lubeck 18/02/2014
- Reprogrammed at UOXF-S
- Reprogrammed on 06/04/2014 at passage 5, JV
- Cytotune v1 WP3 SOP10

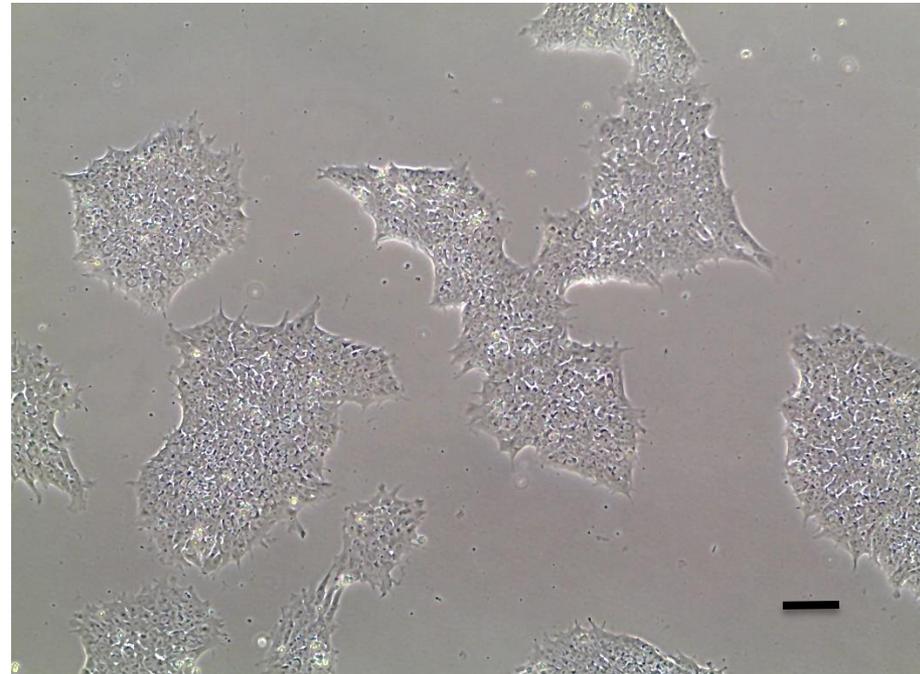
Viability post-thaw and Morphology according to SOP19 passage 17

- Cell count immediately post-thaw 3.1×10^6
- Viability immediately post-thaw 89%
- Photo at 24h and 3 day post-thaw (scale bar = $100\mu\text{m}$):

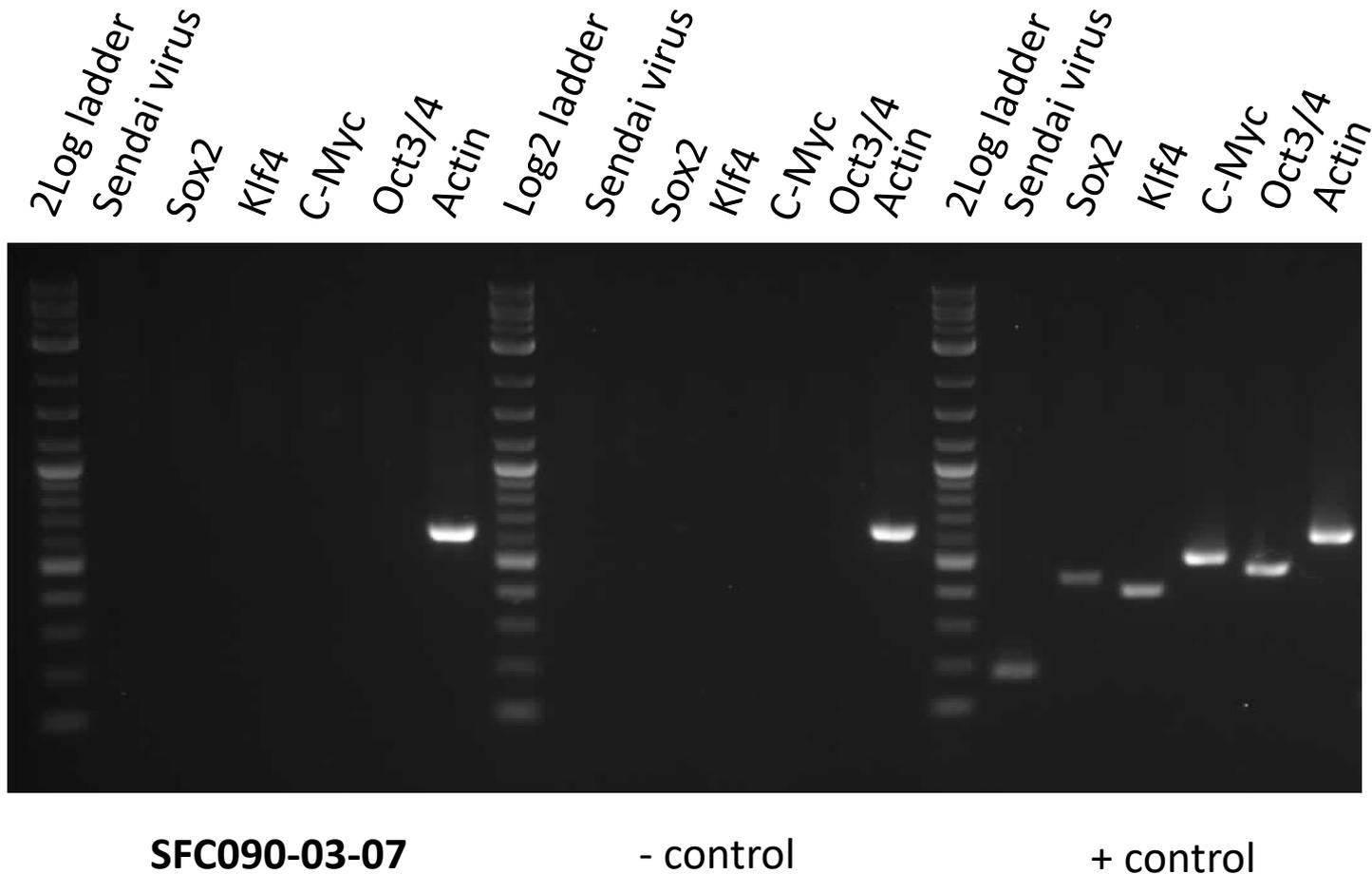
24h post-thaw 80% plated



Day 3 post-thaw 20% plated



Sendai clearance: according to WP3 SOP15 undetectable at passage 17



Product sizes: SeV 181bp; SeV-Sox 451bp; SeV-Klf 410bp; SeV-Myc 532bp; SeV-Oct 483bp; 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				2.99	167.9	56.15
-ve control				3.361	0.432	0.13
12	SFC090-03-07	p9+8	JV	2.53	1.30	0.51

Results mean

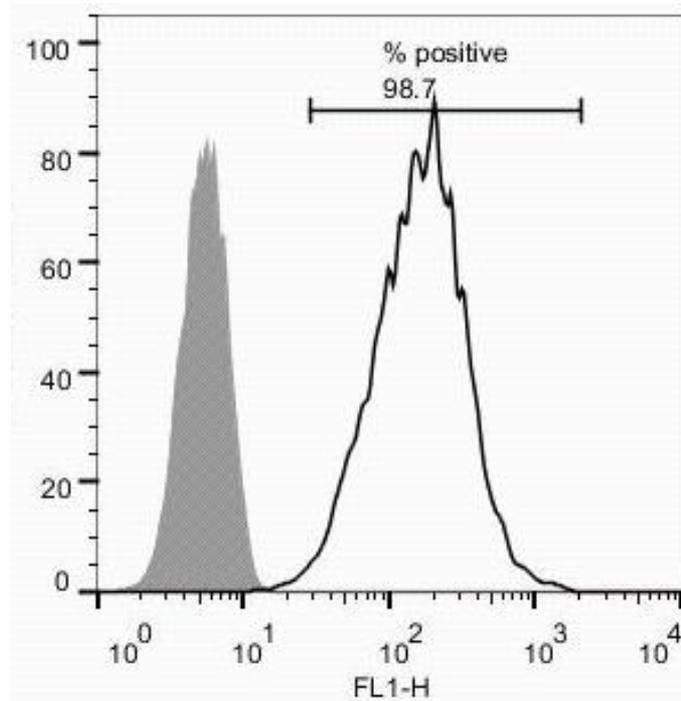
Ratio **0 - 0.999** negative for mycoplasma

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

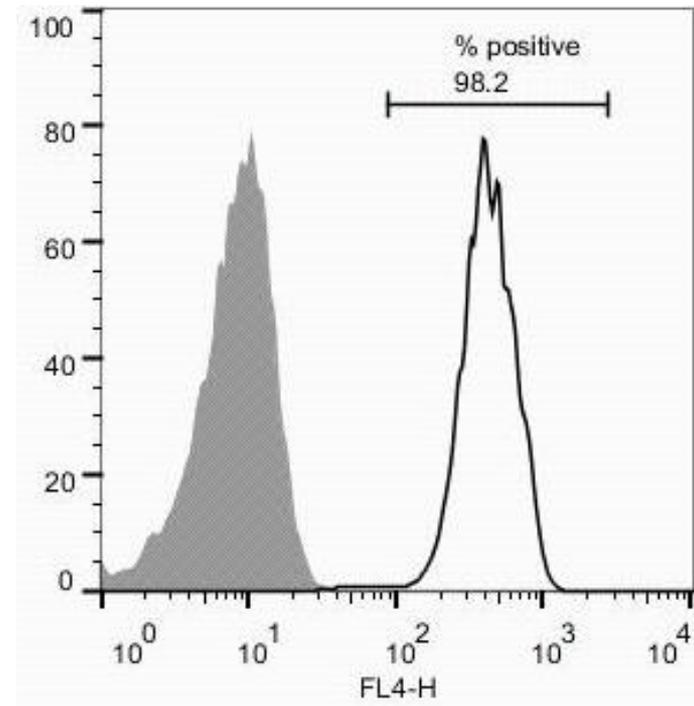
Ratio above **1.3** positive for mycoplasma

Flow cytometric analysis according to WP3 SOP 20 and 21 passage 17

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