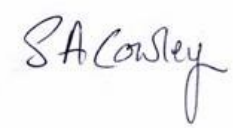
Certificate of analysis

SFC120-03-04

Operator: Jane Vowles Date: 16/03/2015

Supervisor: Sally Cowley Date: 16.09.2015

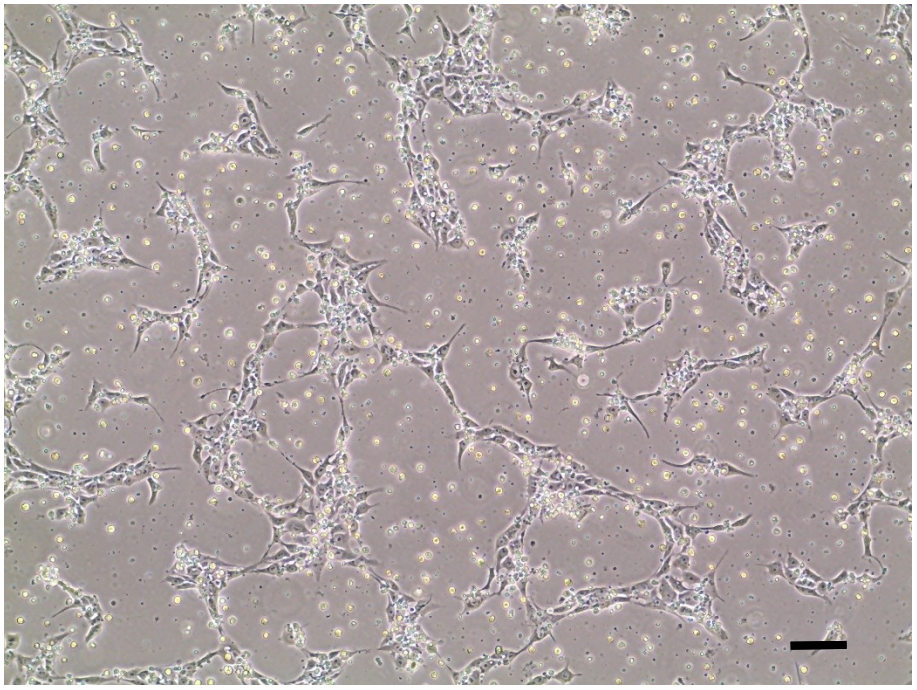
Signature: 

Source of fibroblasts and reprogramming information

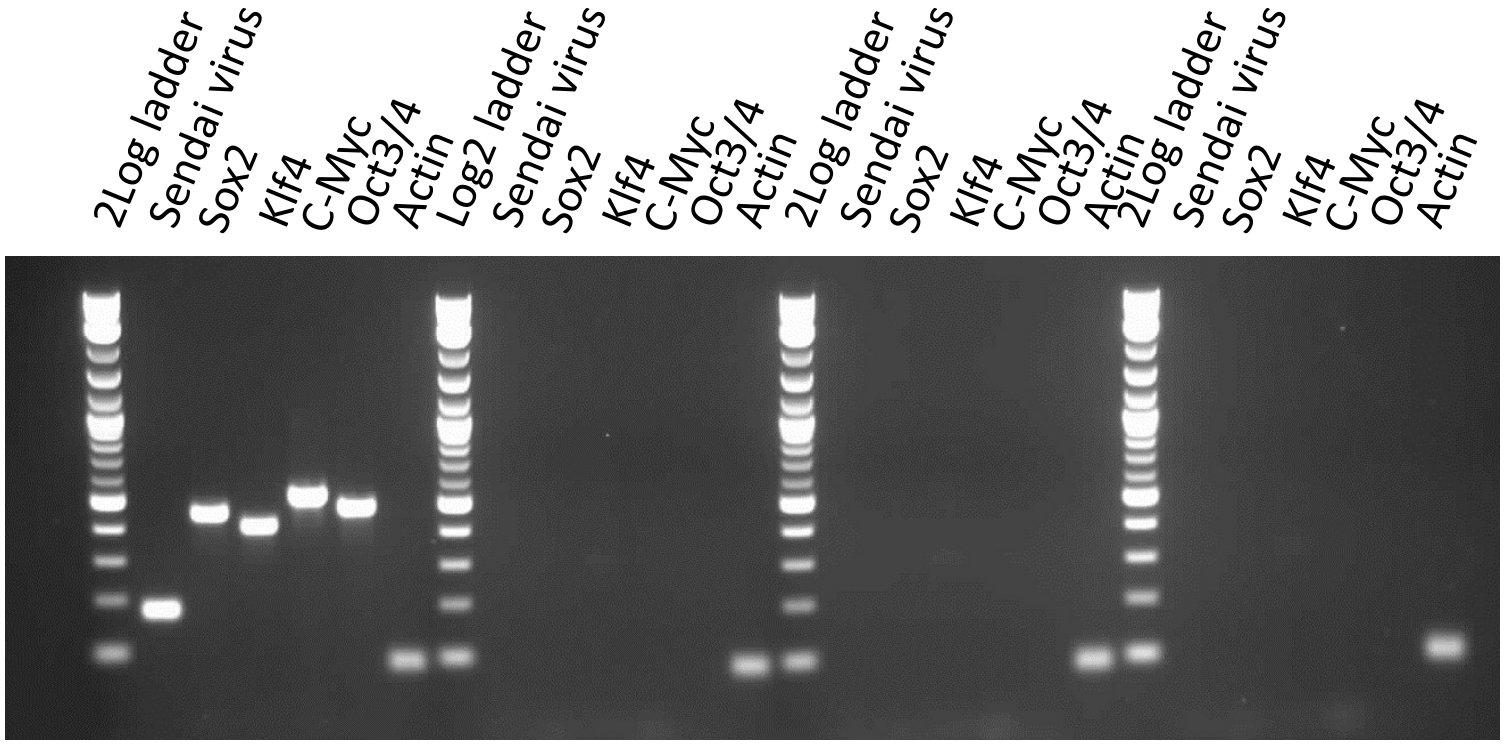
- SF120 from University of Oxford 26/03/2014
- Reprogrammed at UOXF JMSCF
- Reprogrammed on 14/08/2014 at passage 4
- Cytotune v1 WP3 SOP10

Viability post-thaw and Morphology according to SOP19 passage no.15

- Cell count immediately post-thaw 2.1 x 10^6
- Viability immediately post-thaw 73%
- Photo at 24h post-thaw (scale bar = 100µm):



Sendai clearance: according to WP3 SOP15 undetectable at passage 15



+ control SFC120-03-02 SFC120-03-03 **SFC120-03-04**

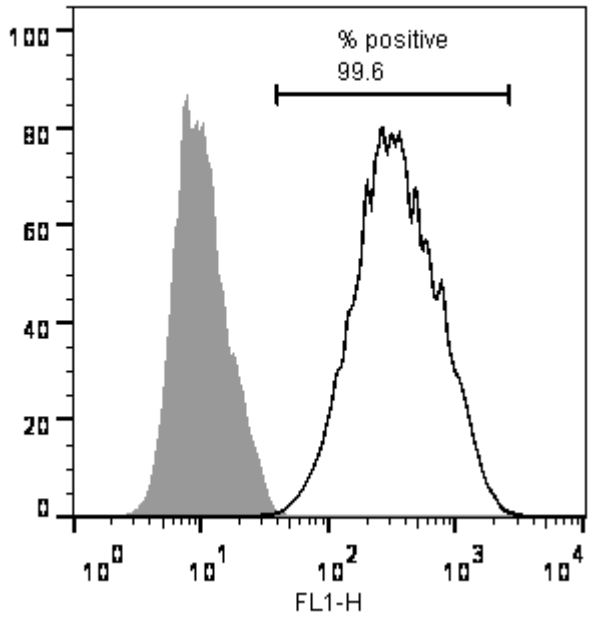
Product sizes: SeV 181bp; SeV-Sox 451bp; SeV-Klf 410bp; SeV-Myc 532bp; SeV-Oct 483bp; Actin 92bp

Mycoplasma Test:
According to MycoAlert Lonza LT07-318 undetectable at passage 15

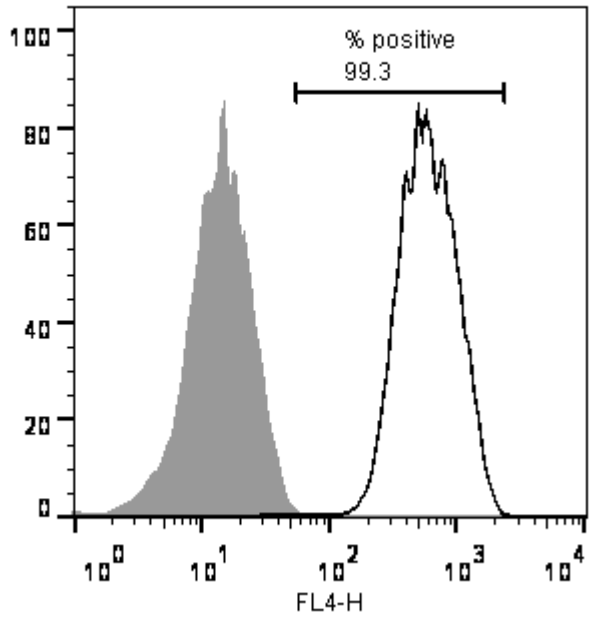
Sample	Clone	Passage number	Initial	Reading 1	Reading 2	Ratio/Status
+ve control				5.084	148.1	**29.13**
-ve control				4.485	0.531	**0.12**
5	SFC120-03-04	p15	JV	2.32	1.034	**0.45**

Flow cytometric analysis according to WP3 SOP 20 and 21 passage p16

Tra-1-60:



NANOG:



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

- Passage no. 15
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: 6 small indels
- For details and raw data see StemDB