



Certificate of analysis

SFC828-03-06

Operator: Walther Haenseler Date: 31.08.2014

Supervisor signature: Sally Cowley Date: 31.08.2014

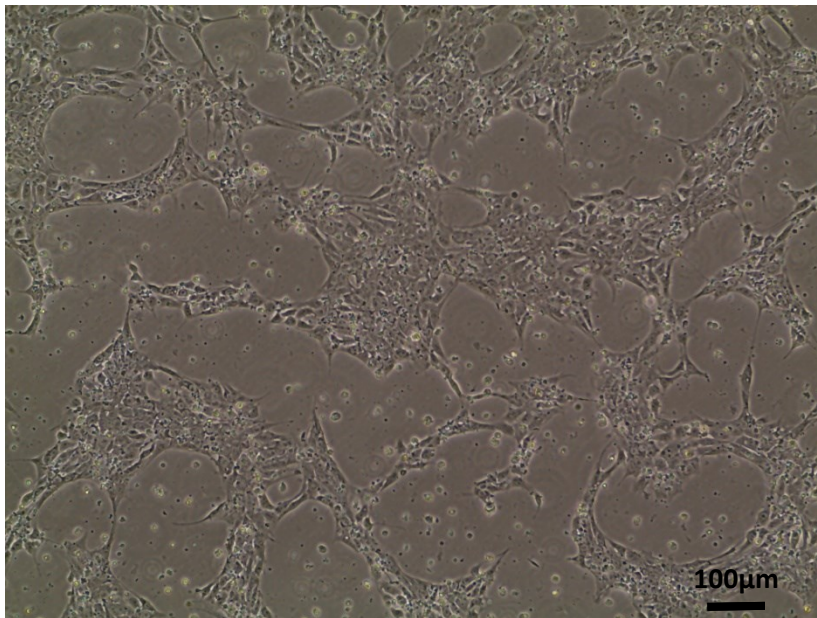
SACowley

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

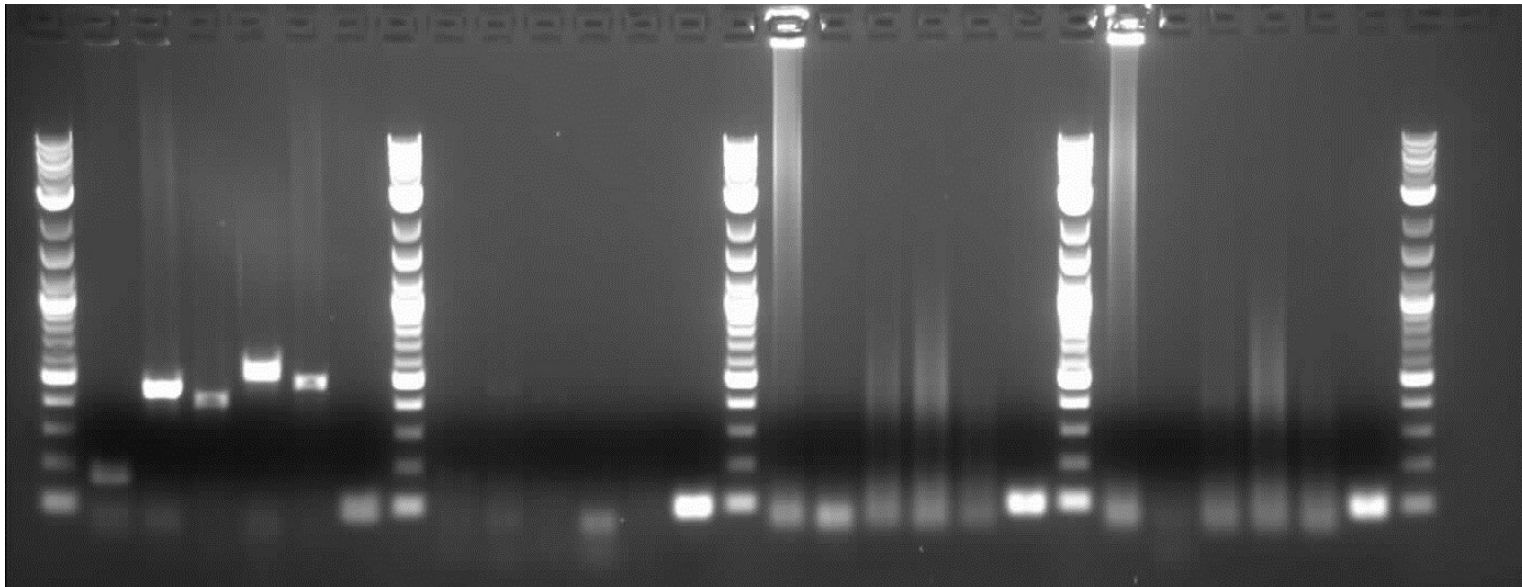
Viability post-thaw and Morphology according to SOP19 passage 19

- Cell count immediately post-thaw 1.96×10^6
- Viability immediately post-thaw 91.3%
- Photo at 24h post-thaw:



Sendai clearance: according to WP3 SOP15 undetectable at passage 19

Log2 ladder
Sendai virus
Sox2
Klf4
C-Myc
Oct3/4
Actin
Log2 ladder
Sendai virus
Sox2
Klf4
C-Myc
Oct3/4
Actin
Log2 ladder
Sendai virus
Sox2
Klf4
C-Myc
Oct3/4
Actin
Log2 ladder
Sendai virus
Sox2
Klf4
C-Myc
Oct3/4
Actin



+ control

SFC828-03-01

SFC828-03-06

SFC828-03-09

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 19

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
SFC828-03-06			4.089	1.911	0.467

Results mean

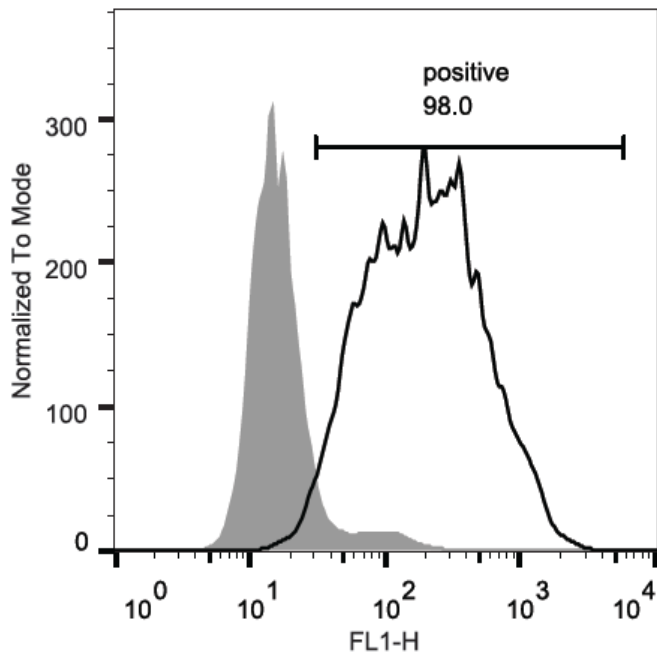
Ratio **0 - 0.999** negative for mycoplasma

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

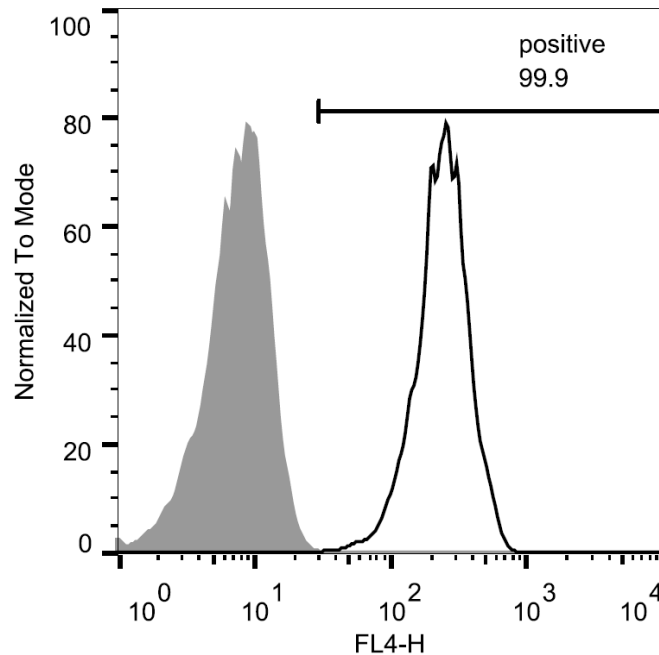
Ratio above **1.3** positive for mycoplasma

Flow cytometric analysis according to WP3 SOP 20 and 21 passage 19

Tra-1-60:



NANOG:



SNP analysis

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

- Passage 19
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities none detected
- For details and raw data see StemDB