

Certificate of analysis

SFC104-03-01

Signature: Adriana Buskin/Chunbo Yang Date: 05.11.2015

Supervisor signature:

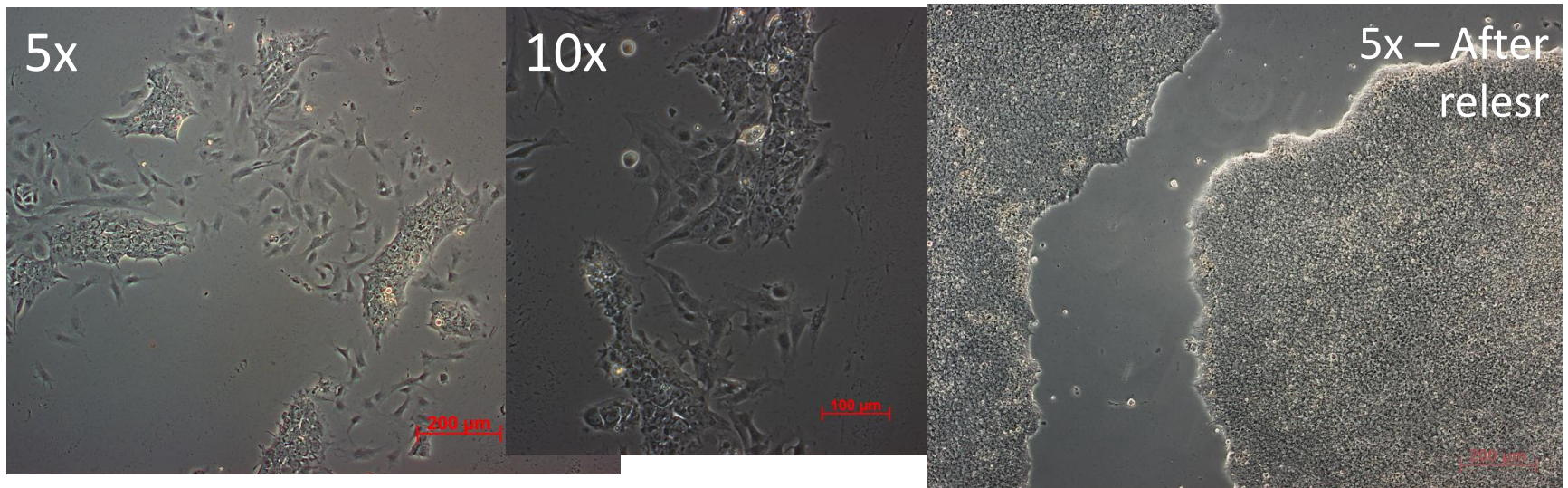
Date:

Source of fibroblasts and reprogramming information

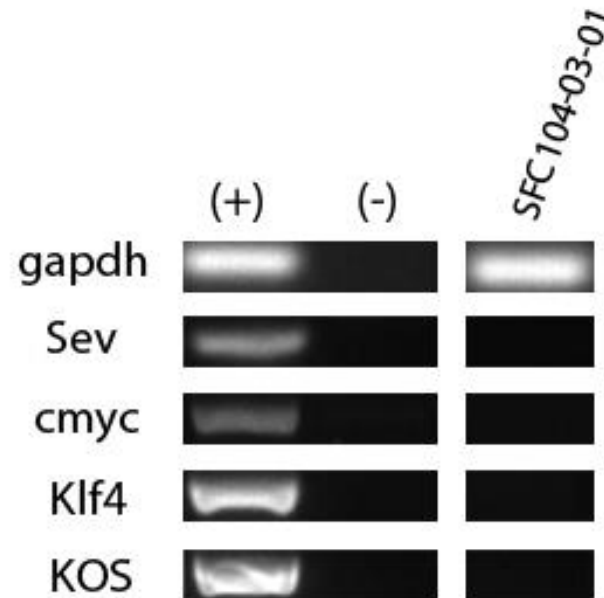
- SF104 from UOXF
- Reprogrammed at UNEW
- Reprogrammed on 09.07.15 at passage P7
- Cytotune 2

Viability post-thaw and Morphology according to SOP19 passage 9

- Cell count immediately post-thaw 1.6×10^6
- Viability immediately post-thaw 87%
- *ReLeSR*TM recommended for 1st passage
- Photo at 24h and 5 days post-thaw:



Sendai clearance:
according to WP3 SOP15
undetectable at passage 9



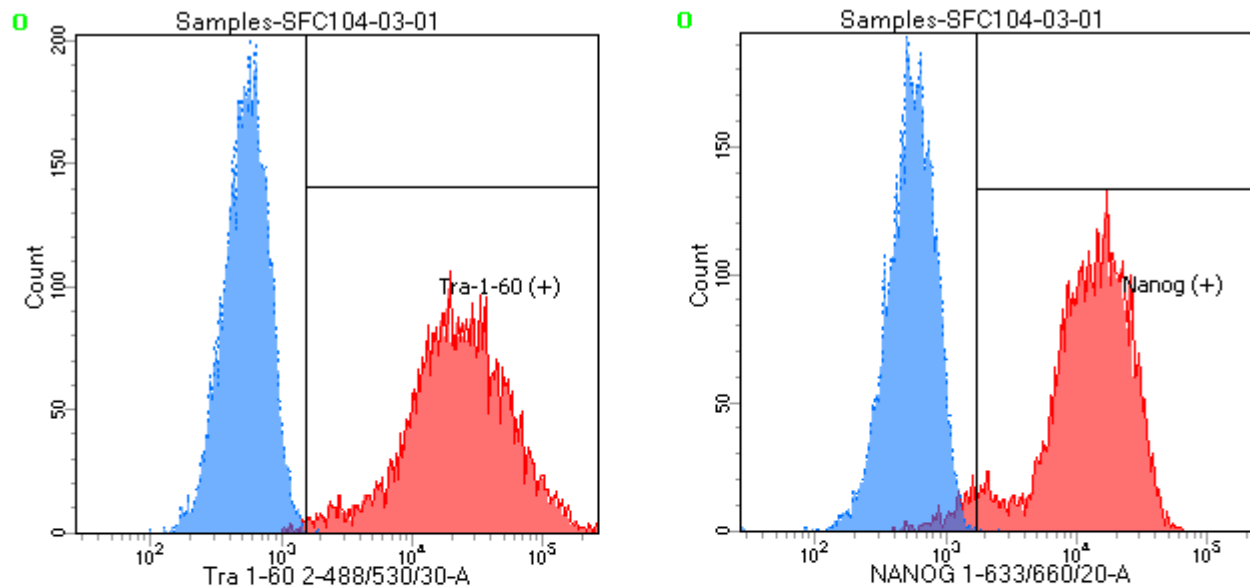
Mycoplasma test:

According to MycoAlert Lonza LT07-318

Undetectable at passage 9

Owner	AB	Positive Control	Negative Control
Date	03/11/2015	0.0397	0.069
Cell name	sfc104	0.6616	0.0055
A	0.0091	16.66498741	0.079710145
B	0.005		
B/A	0.549450549		
> 1.2		Mycoplasma Contaminated	
0.9-1.2		Status Unknown - Retest within 24 hours	
0-0.9		Mycoplasma Free	

Flow cytometric analysis according to WP3 SOP 20 and 21 passage 9



Tube: SFC104-03-01

Population	#Events	%Parent	%Total
All Events	20,000	####	100.0
Cells	5,338	26.7	26.7
Tra-1-60 (+)	5,291	99.1	26.5
Nanog (+)	5,058	94.8	25.3
Samples/104/All Events	20,000	####	100.0
Samples/104/P1	5,012	25.1	25.1

SNP analysis

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

- Passage 9
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected
- For details and raw data see StemDB
- Audit 21.07.17