

Certificate of analysis

SFC068-03-01

Signature: Adriana Buskin/Chunbo Yang Date: 05.11.2015

Supervisor signature: Linda Lako

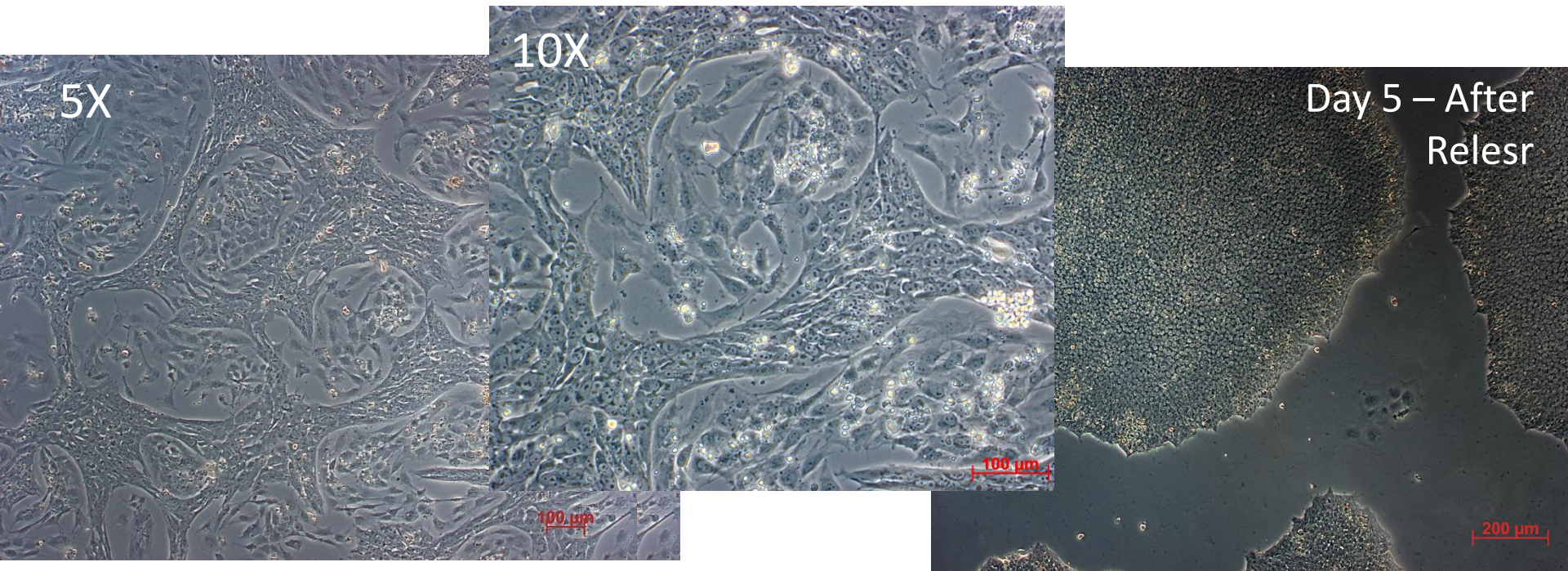
Date: 05.11.2015

Source of fibroblasts and reprogramming information

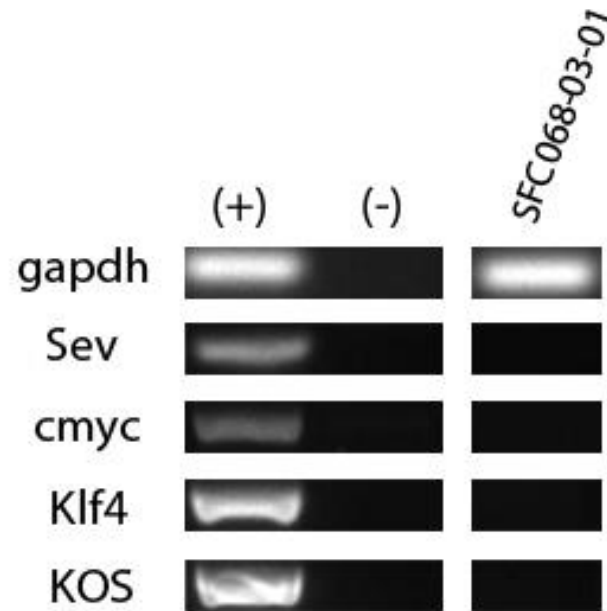
- SF068 from UOXF
- Reprogrammed at UNEW
- Reprogrammed on 09.07.15 at passage P5
- Cytotune 2

Viability post-thaw and Morphology according to SOP19 passage 11

- Cell count immediately post-thaw 1.8×10^6
- Viability immediately post-thaw 87%
- If differentiation occurs, *ReLeSR*[™] is recommended for 1st passage
- Photo at 48h and 5 days post-thaw:



Sendai clearance:
according to WP3 SOP15
undetectable at passage 11



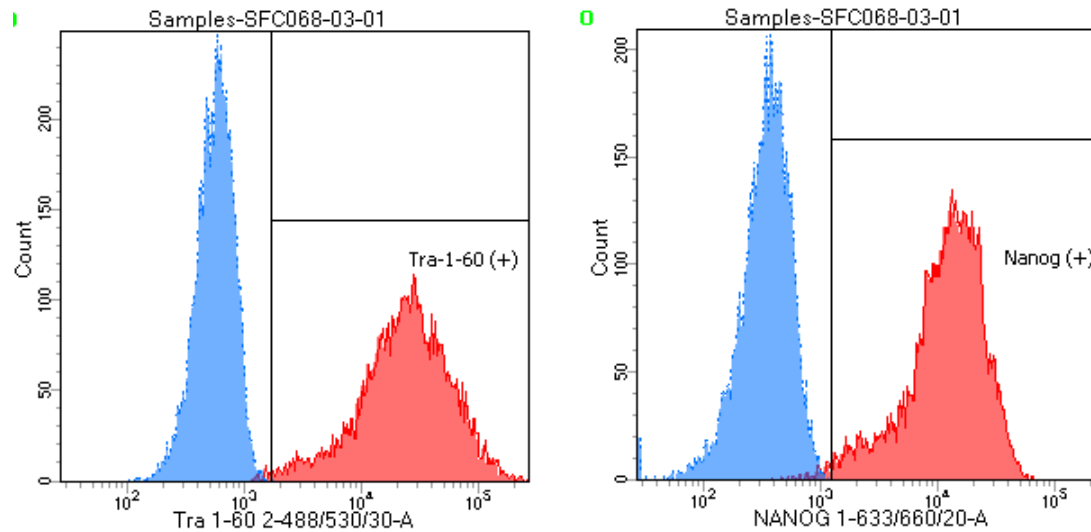
Mycoplasma test:

According to MycoAlert Lonza LT07-318

Undetectable at passage 11

Owner	AB	Positive Control	Negative Control
Date	31/10/2015	0.0397	0.069
Cell name	sfc068	0.6616	0.0055
A	0.0146	16.66498741	0.079710145
B	0.0058		
B/A	0.397260274		
> 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 11



Tube: SFC068-03-01

Population	#Events	%Parent	%Total
All Events	19,116	####	100.0
Cells	5,744	30.0	30.0
Tra-1-60 (+)	5,686	99.0	29.7
Nanog (+)	5,639	98.2	29.5
Samples/68/All Events	20,000	####	100.0
Samples/68/P1	5,902	29.5	29.5

SNP analysis

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

- Passage 11
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected
- For details and raw data see StemDB