

# Certificate of analysis

SFC013-07-03

Signature: Katja Gassner Date: 18.05.2015

Supervisor signature: Linda Lako

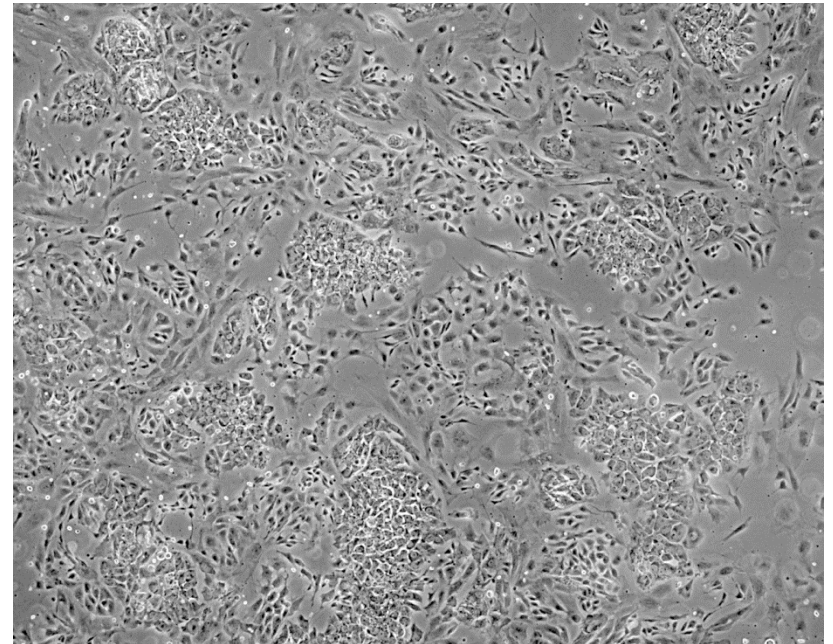
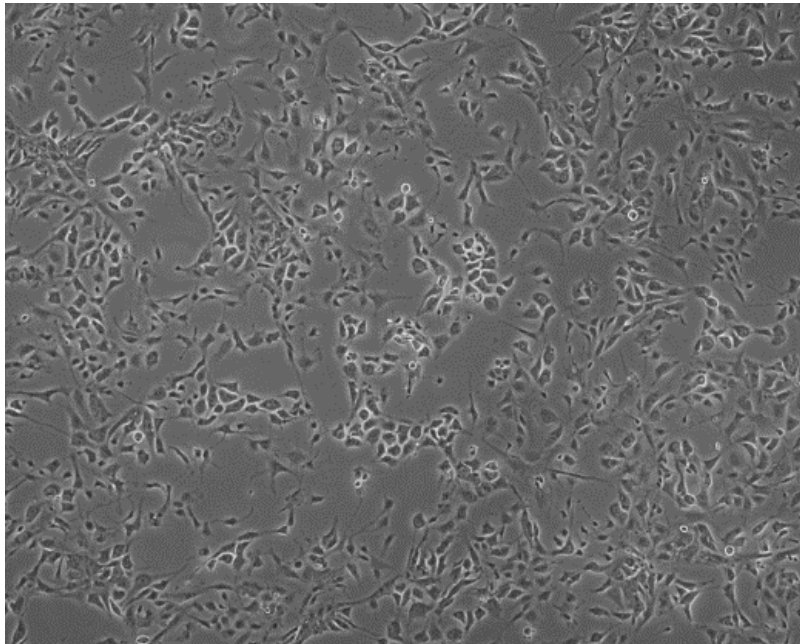
Date: 19.05.2015

# Source of fibroblasts and reprogramming information

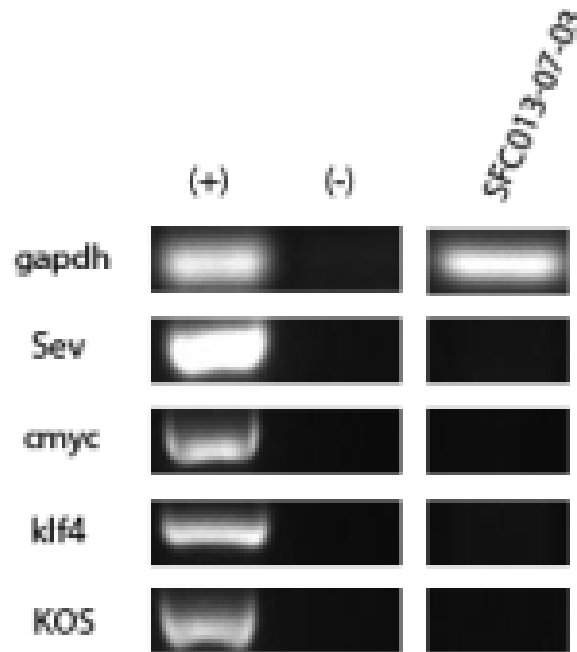
- SF013 from UOXF
- Reprogrammed at UNEW
- Reprogrammed on 16/01/2015 at passage 8
- Cytotune 2

# Viability post-thaw and Morphology according to SOP19 passage 13

- Cell count immediately post-thaw  $1.6 \times 10^6$  cells
- Viability immediately post-thaw 93%
- Photo at 24h and 4 days post-thaw:



Sendai clearance:  
according to WP3 SOP15  
undetectable at passage 13



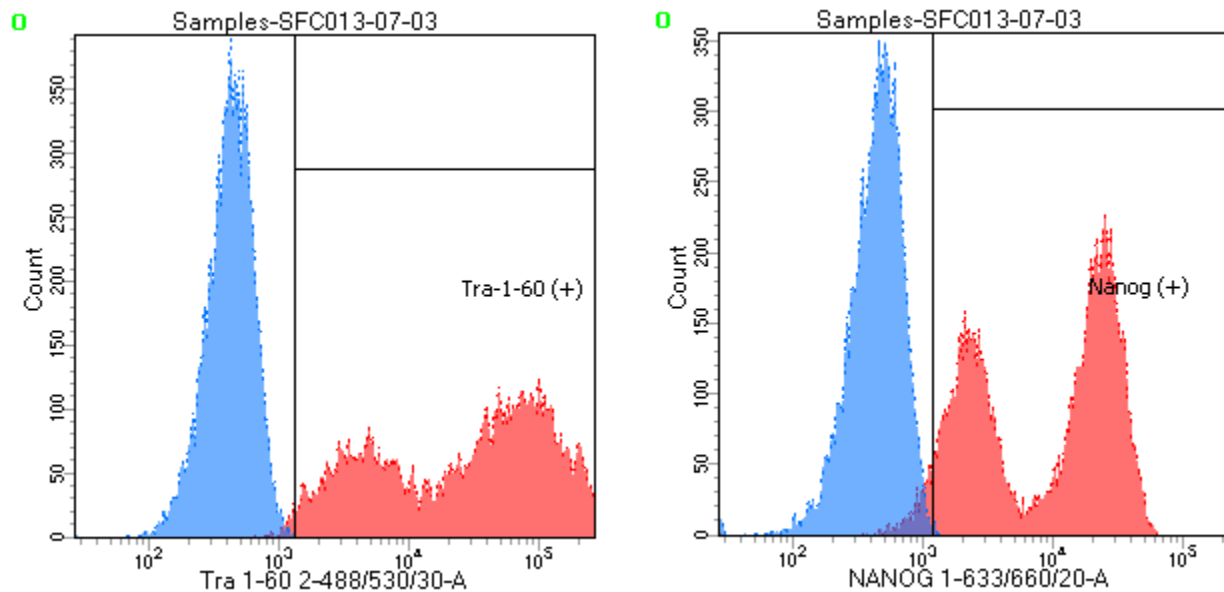
# Mycoplasma test:

## According to MycoAlert Lonza LT07-318

### Undetectable at passage 13

Owner	KG					
Date	09/06/2015					
Cell name	SFC013-07-03					
A	0.0309					
B	0.02					
B/A	0.647249191					
> 1.2		Mycoplasma Contaminated			Positive Control	Negative Control
0.9-1.2		Status Unknown - Restest within 24 hours			0.0231	0.0862
0-0.9		Mycoplasma Free			1.769	0.0062
					76.58008658	0.071925754

# Flow cytometric analysis according to WP3 SOP 20 and 21 passage 13



Tube: SFC013-07-03

Population	#Events	%Parent	%Total
■ All Events	20,000	####	100.0
■ Cells	10,439	52.2	52.2
☒ Tra-1-60 (+)	10,290	98.6	51.4
☒ Nanog (+)	9,925	95.1	49.6
■ Samples/13 UN/All Events	20,000	####	100.0
■ Samples/13 UN/P1	10,030	50.1	50.1

# SNP analysis

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

- Passage 13
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected
- For details and raw data see StemDB

# Comments

- Lots of differentiation after freezing with accutase + ROCK inhibitor and in general prone to differentiation (see flow results weak positive population (2<sup>nd</sup> peak))> ReLESR  
Passaging after thawing recommended
  - Add 1ml ReLESR, incubate for 1 min at 37°C
  - Remove ReLESR, incubate for 4 min at RT
  - Add medium **dropwise** to collect undifferentiated cells