

# Certificate of analysis

SFC170-03-03

Signature: Katja Gassner Date: 18.05.2015

Supervisor signature: Linda Lako

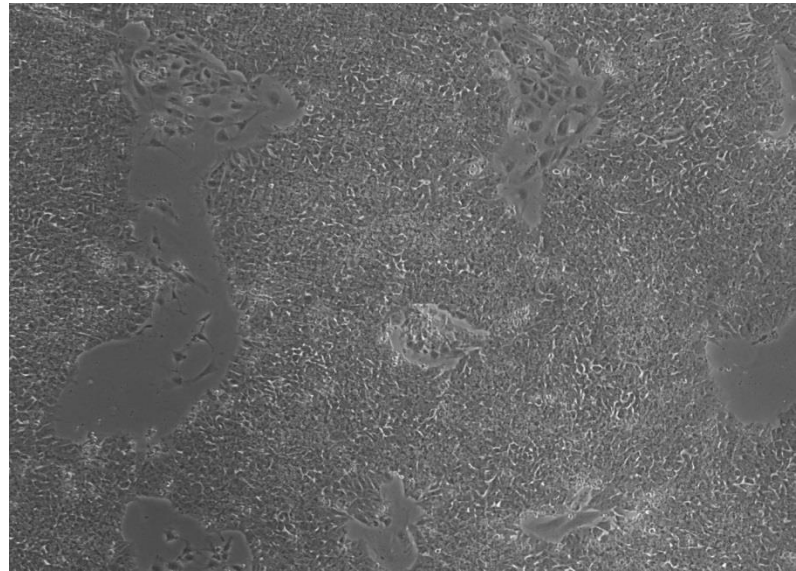
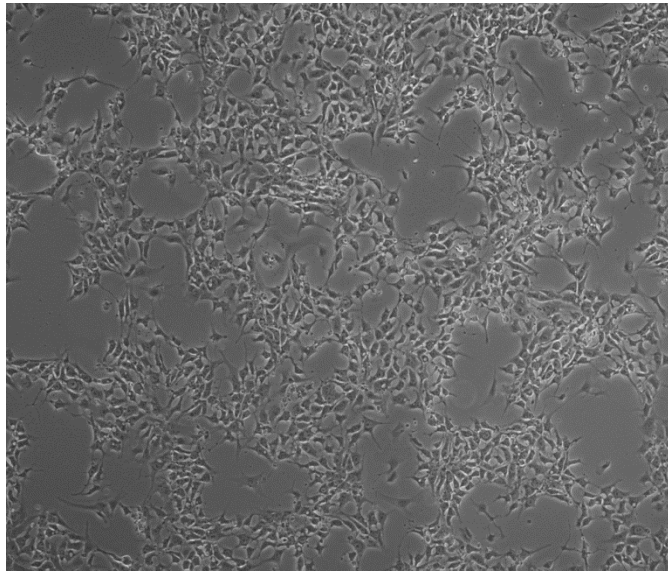
Date: 18.05.2015

# Source of fibroblasts and reprogramming information

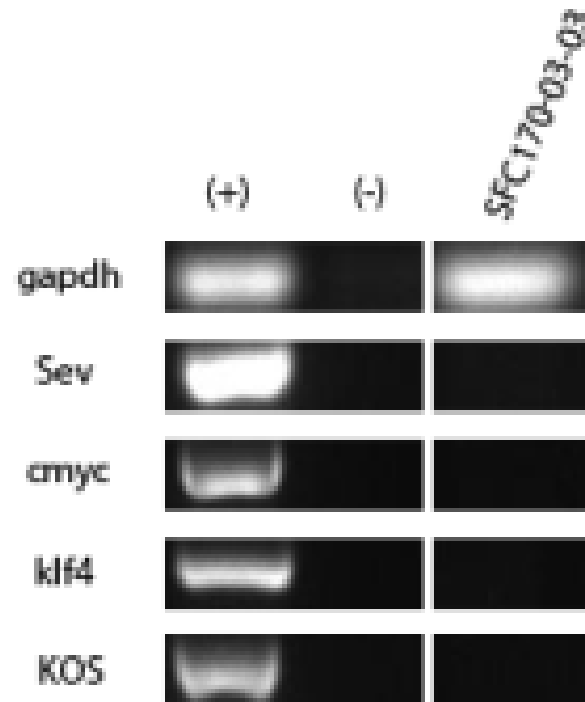
- SF170 from UOXF
- Reprogrammed at UNEW
- Reprogrammed on 16/01/2015 at passage 7
- Cytotune 2

# Viability post-thaw and Morphology according to SOP19 passage 10

- Cell count immediately post-thaw  $1.6 \times 10^6$
- Viability immediately post-thaw 91%
- Photo at 24h and 4 days post-thaw:



Sendai clearance:  
according to WP3 SOP15  
undetectable at passage 10



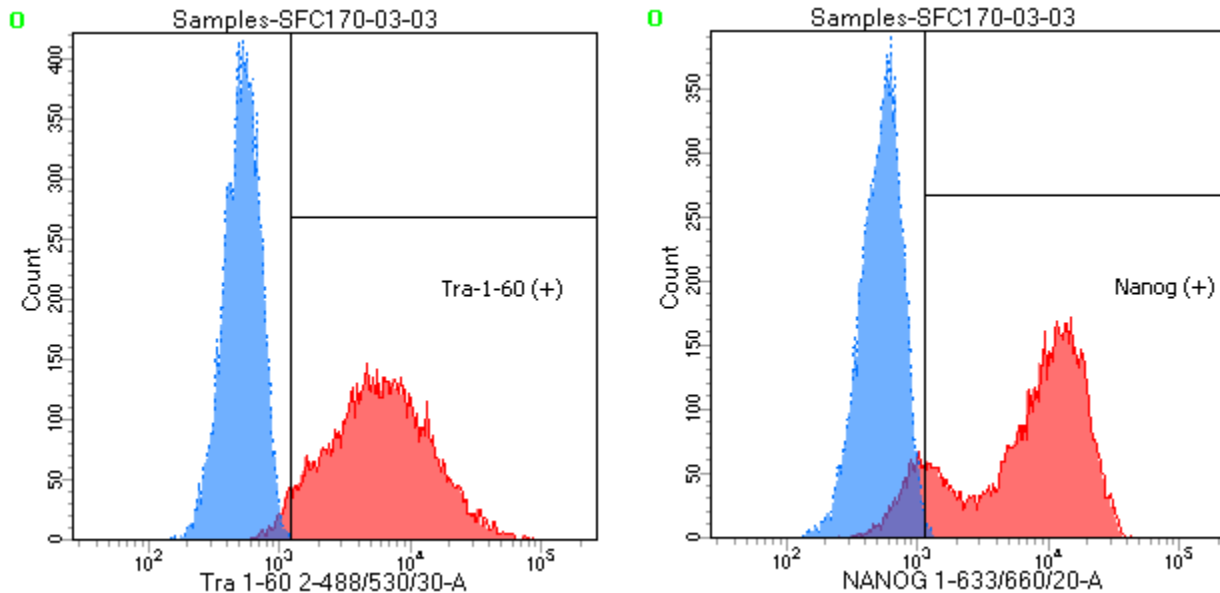
# Mycoplasma test:

## According to MycoAlert Lonza LT07-318

### Undetectable at passage 10

Owner	KG					
Date	09/06/2015					
Cell name	SFC170-03-03					
A	0.0289					
B	0.0153					
B/A	0.529411765					
> 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 10



Tube: SFC170-03-03

Population	#Events	%Parent	%Total
All Events	20,000	####	100.0
Cells	8,484	42.4	42.4
Tra-1-60 (+)	8,123	95.7	40.6
Nanog (+)	7,442	87.7	37.2
Samples/170 UN/All Events	20,000	####	100.0
Samples/170 UN/P1	8,798	44.0	44.0

# SNP analysis

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

- Passage 10
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: Major Chr17 abnormality
- For details and raw data see StemDB

# Comments

- Fragile for passaging : **1 min** EDTA only!