

# Certificate of analysis

SFC040-03-03

Signature: Adriana Buskin

Supervisor Signature: Linda Lako

Date: 08.12.2014

# Source of fibroblasts and reprogramming information

- SF040 from UOXF
- Reprogrammed at UNEW
- Reprogrammed on 07/05/2014 at passage 6
- Cytotune v2

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

- Cell count immediately post-thaw  $1.5 \times 10^6$
- Viability immediately post-thaw 90.0%

Photo at 24h post-thaw:

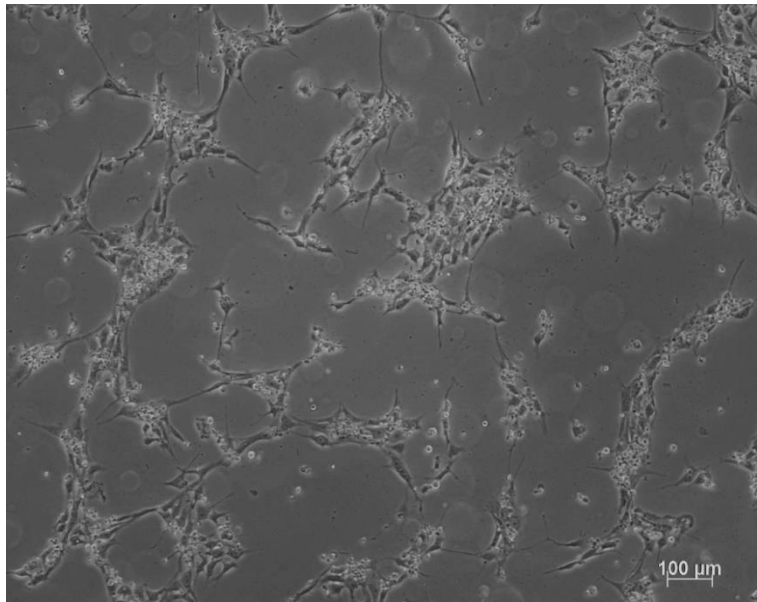
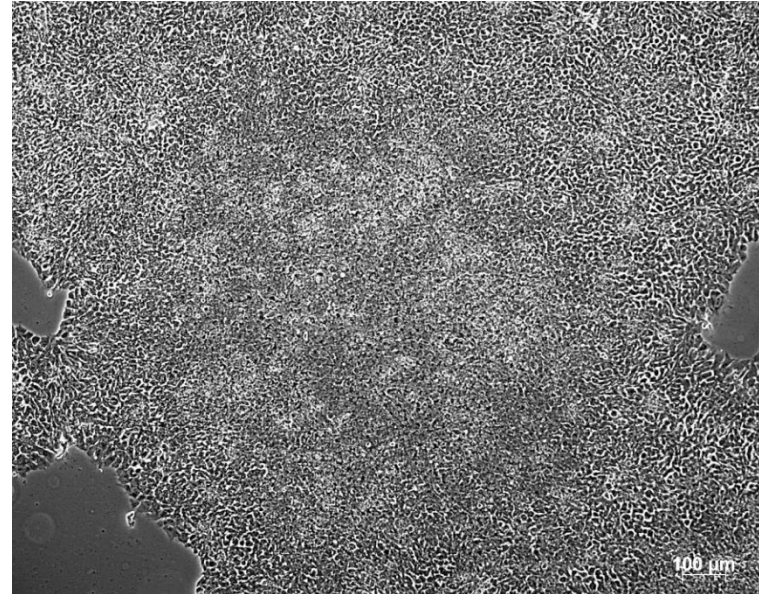
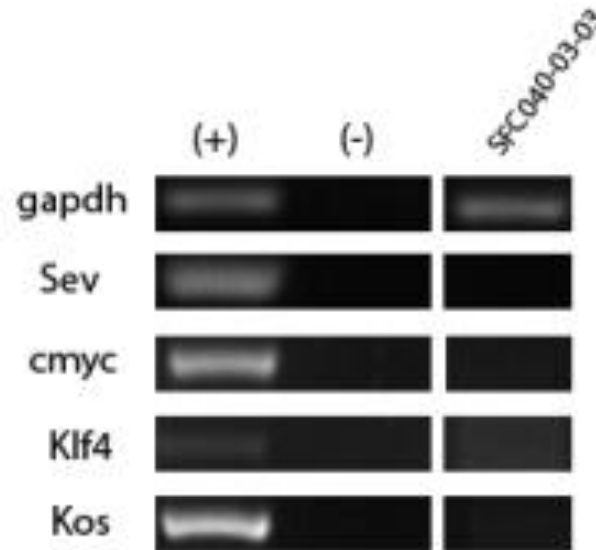


Photo at day5 post-thaw:



# Sendai clearance according to WP3 SOP15: undetectable at passage 10



# Mycoplasma test

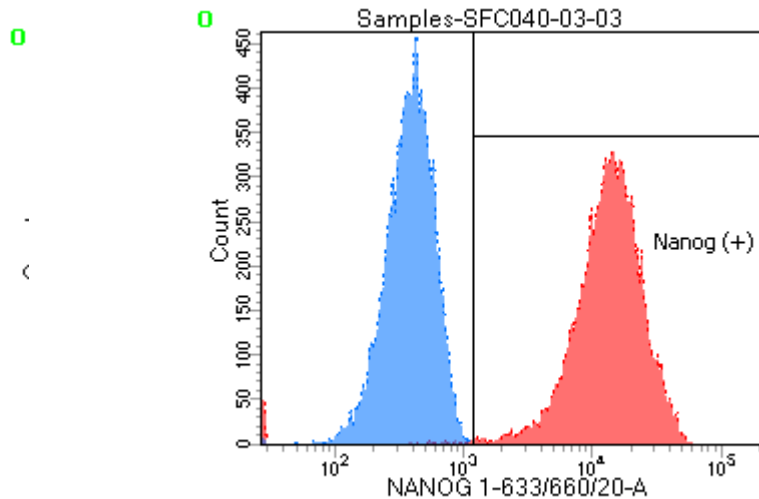
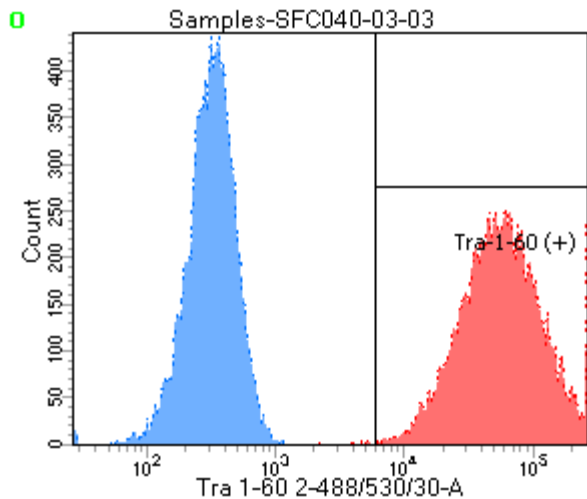
According to MycoAlert Lonza LT07-318:  
Undetectable at passage 10

	A	B	C	D	E	F	G
1	Owner	AB	AB	AB	AB	AB	AB
2	Date	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014
3	Cell name	SFC040 CL1	SFC040 CL2	SFC040 CL3	SFC056 CL1	SFC056 CL2	SFC056 CL3
4	A	0.0163	0.0131	0.0259	0.0205	0.0172	0.01
5	B	0.0073	0.0067	0.0187	0.0182	0.0056	0.0051
6	B/A	0.447852761	0.511450382	0.722007722	0.887804878	0.325581395	0.51
7							
8							
9	> 1.2		Mycoplasma Contaminated			Positive Control	Negative Control
10	0.9-1.2		Status Unknown - Restest within 24 hours			0.023	0.0662
11	0-0.9		Mycoplasma Free			0.9864	0.0048
12						42.88695652	0.072507553
13							
14							

# Flow cytometric analysis according to WP3 SOP 20 and 21 passage 10

Tra-1-60: 99.5%

NANOG: 98.4%



# SNP analysis

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

- Passage 10
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities none
- For details and raw data see StemDB