

Certificate of analysis

SFC047-03-02

Signature: Katja Gassner Date: 18.05.2015

Supervisor signature: Linda Lako

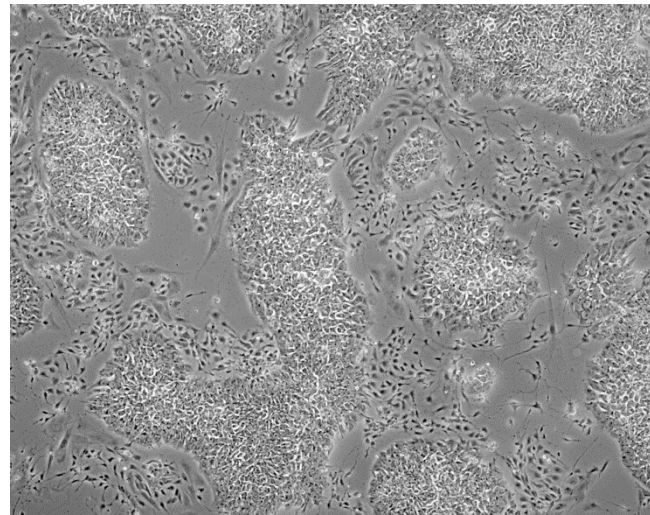
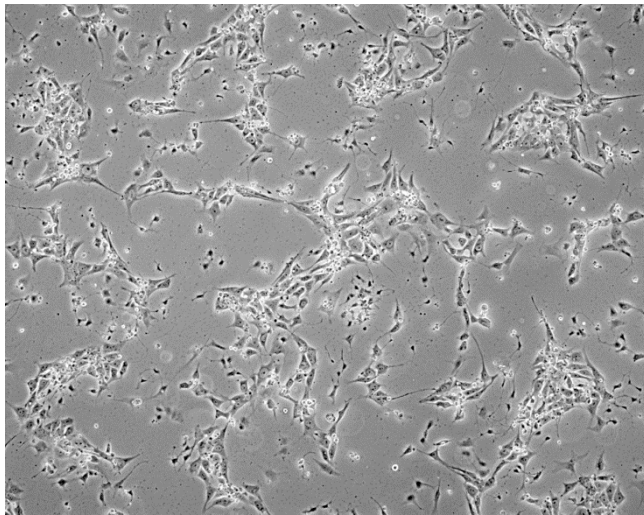
Date: 19.05.2015

Source of fibroblasts and reprogramming information

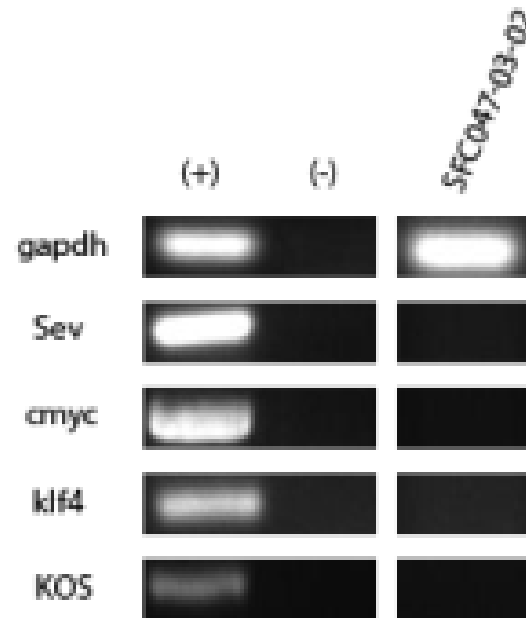
- SF047 from UOXF
- Reprogrammed at UNEW
- Reprogrammed on 16/01/2015 at passage 8
- Cytotune 2

Viability post-thaw and Morphology according to SOP19 passage 6

- Cell count immediately post-thaw 1.6×10^6
- Viability immediately post-thaw 84%
- Photo at 24h post-thaw:



Sendai clearance:
according to WP3 SOP15
undetectable at passage 6



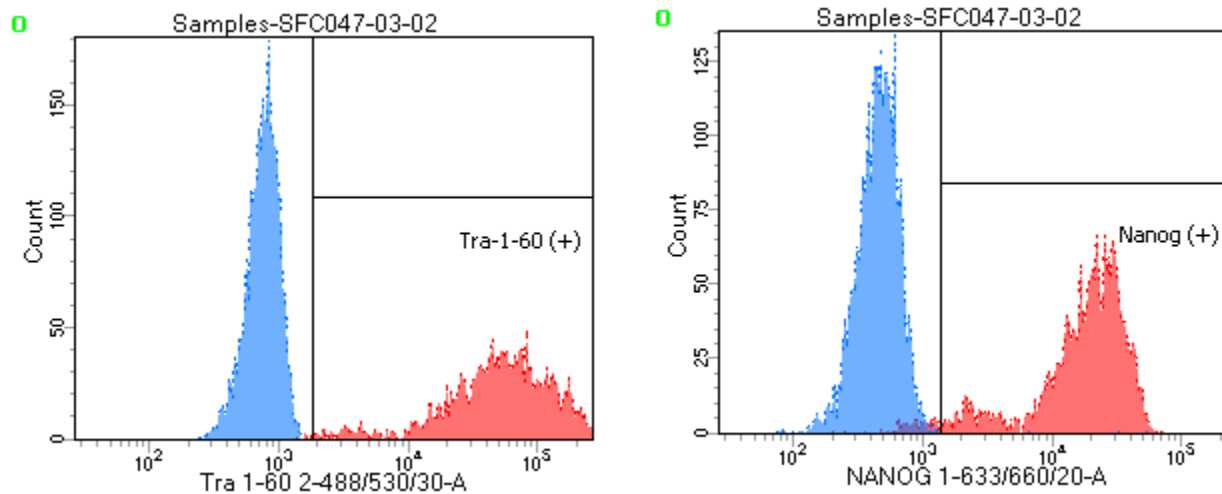
Mycoplasma test:

According to MycoAlert Lonza LT07-318

Undetectable at passage 6

Owner	KG					
Date	12/05/2015					
Cell name	sfc047-03-02					
A	0.0097					
B	0.0078					
B/A	0.804123711					
> 1.2		Mycoplasma Contaminated			Positive Control	Negative Control
0.9-1.2		Status Unknown - Restest within 24 hours			0.0404	0.0906
0-0.9		Mycoplasma Free			2.339	0.0118
					57.8960396	0.130242826

Flow cytometric analysis according to WP3 SOP 20 and 21 passage 6



Tube: SFC047-03-02

Population	#Events	%Parent	%Total
■ All Events	8,910	####	100.0
■ Cells	2,350	26.4	26.4
☒ Tra-1-60 (+)	2,331	99.2	26.2
☒ Nanog (+)	2,247	95.6	25.2
■ Samples/47/All Events	11,853	####	100.0
■ Samples/47/P1	3,006	25.4	25.4

SNP analysis

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

- Passage 6
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected
- For details and raw data see StemDB

Comments

- Freezing with accutase and ROCK promotes differentiation, ReLESR passaging 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