

Certificate of analysis

SFC052-03-02

Signature: Katja Gassner Date: 18.05.2015

Supervisor signature: Linda Lako

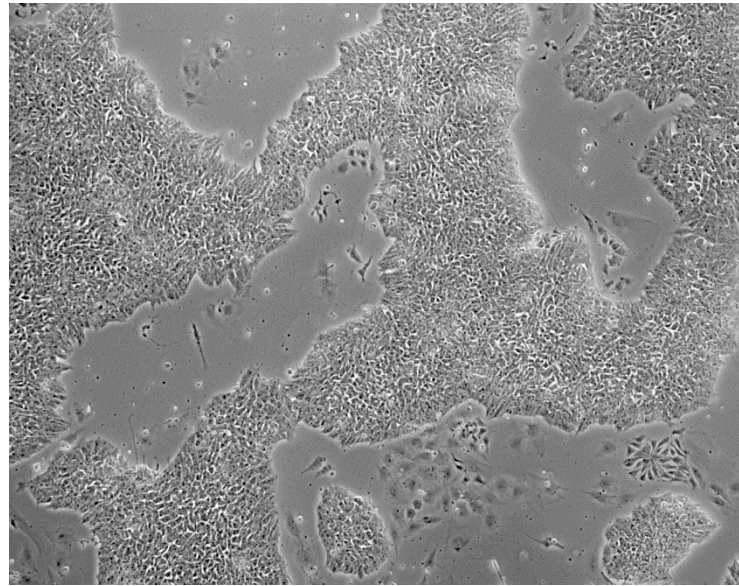
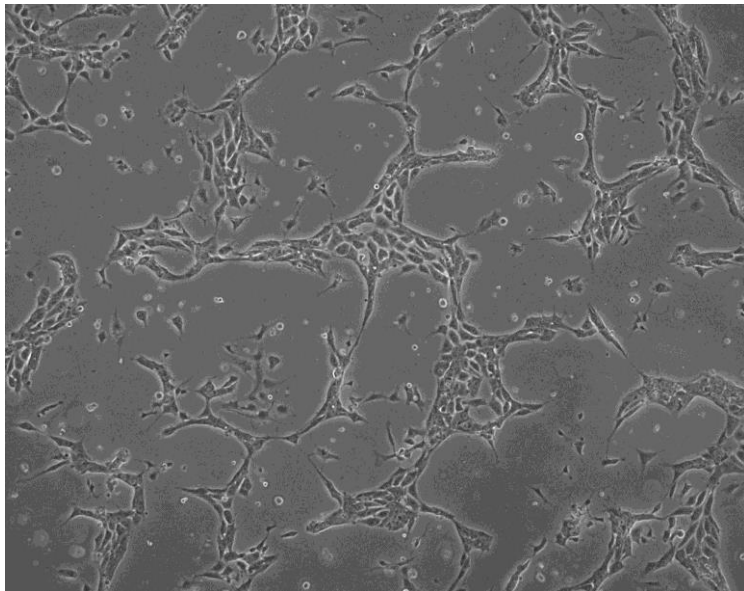
Date: 19.05.2015

Source of fibroblasts and reprogramming information

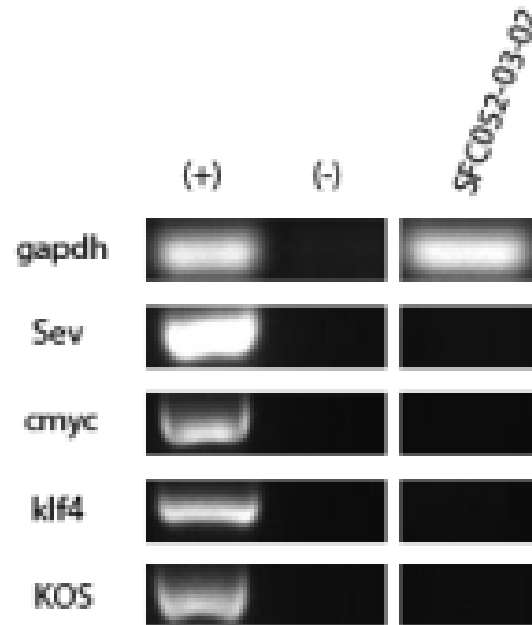
- SF052 from UOXF
- Reprogrammed at UNEW
- Reprogrammed on 16/01/2015 at passage 7
- Cytotune 2

Viability post-thaw and Morphology according to SOP19 passage 11

- Cell count immediately post-thaw 1.7×10^6
- Viability immediately post-thaw 85%
- Photo at 24h and 4 days post-thaw:



Sendai clearance:
according to WP3 SOP15
undetectable at passage 11



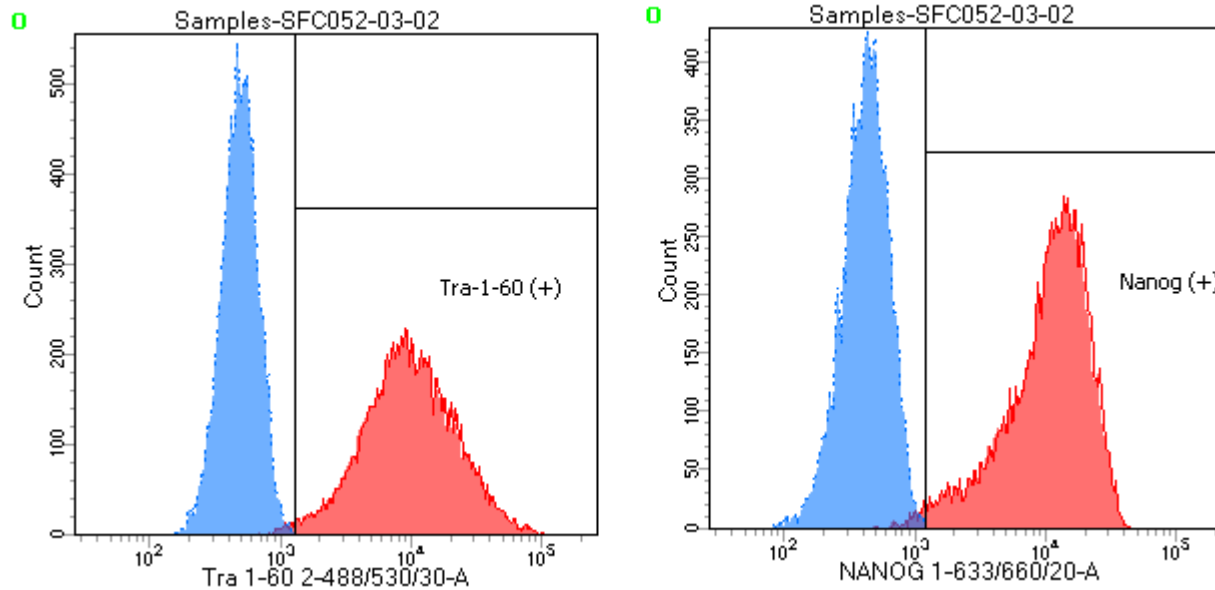
Mycoplasma test:

According to MycoAlert Lonza LT07-318

Undetectable at passage 11

Owner	KG					
Date	12/05/2015					
Cell name	sfc052-03-02					
A	0.0178					
B	0.0073					
B/A	0.41011236					
> 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 11



Tube: SFC052-03-02

Population	#Events	%Parent	%Total
■ All Events	20,000	####	100.0
■ Cells	11,553	57.8	57.8
☒ Tra-1-60 (+)	11,394	98.6	57.0
☒ Nanog (+)	11,337	98.1	56.7
■ Samples/52UN/All Events	20,000	####	100.0
■ Samples/52UN/P1	11,379	56.9	56.9

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

Comments

- Prone to differentiation, ReLESR passaging might be required
 - 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