

Certificate of analysis

SFC013-07-02

Signature: Katja Gassner Date: 18.05.2015

Supervisor signature:

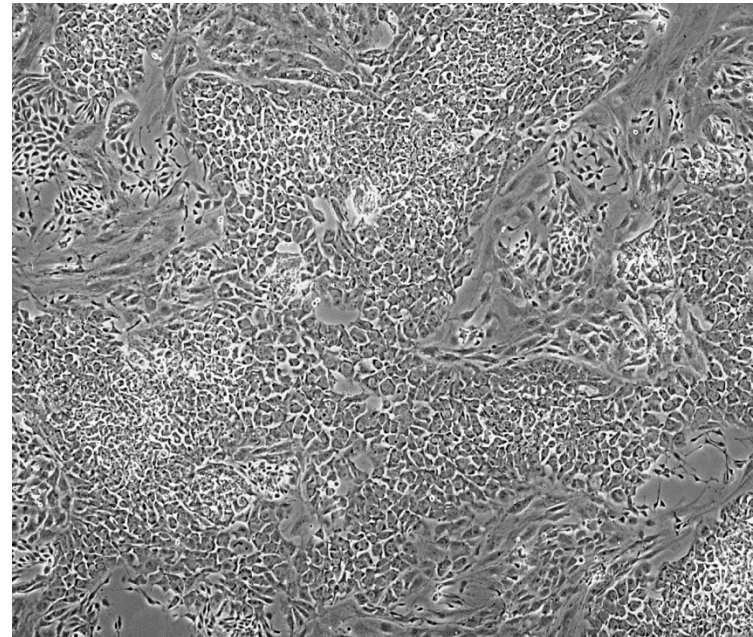
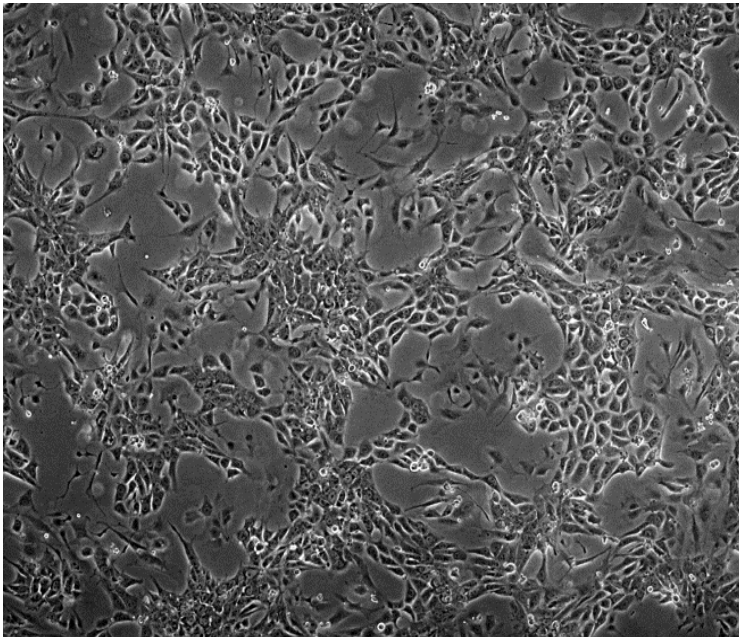
Date:

Source of fibroblasts and reprogramming information

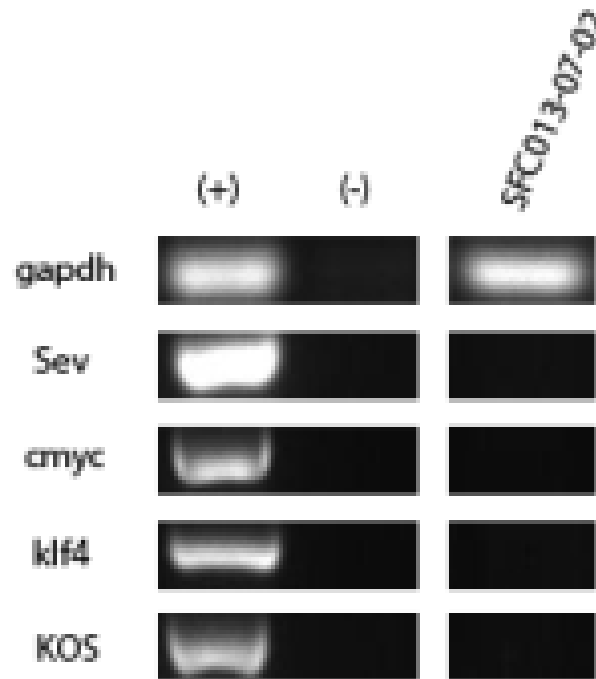
- SF013 from UOXF
- Reprogrammed at UNEW
- Reprogrammed on 16/01/2015 at passage 8
- Cytotune 2

Viability post-thaw and Morphology according to SOP19 passage 11

- Cell count immediately post-thaw 1.5×10^6 cells
- Viability immediately post-thaw 87%
- Photo at 24h and 4 days post-thaw:



Sendai clearance:
according to WP3 SOP15
undetectable at passage 11



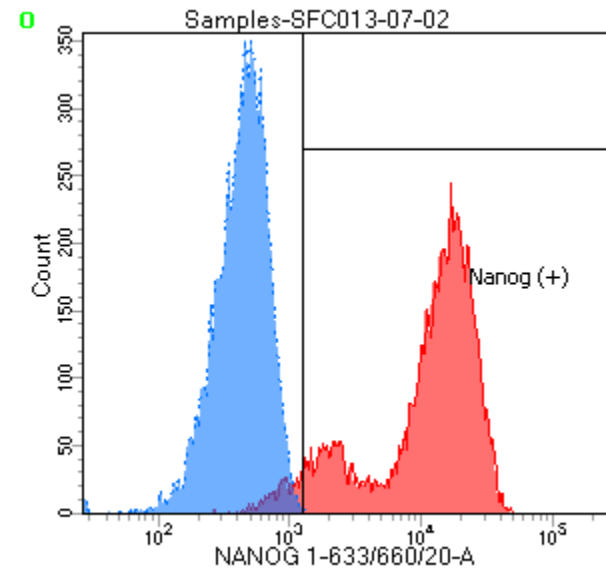
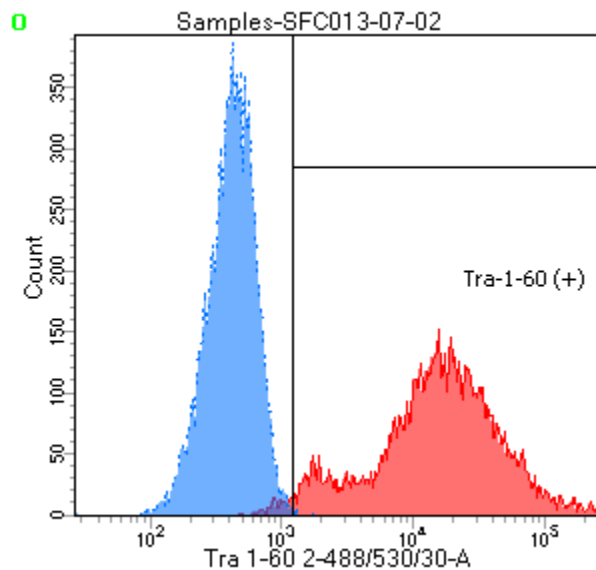
Mycoplasma test:

According to MycoAlert Lonza LT07-318

Undetectable at passage 11

Owner	KG					
Date	09/06/2015					
Cell name	SFC013-07-02					
A	0.0203					
B	0.0055					
B/A	0.270935961					
> 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 11



Tube: SFC013-07-02

Population	#Events	%Parent	%Total
■ All Events	20,000	####	100.0
■ Cells	8,655	43.3	43.3
☒ Tra-1-60 (+)	8,420	97.3	42.1
☒ Nanog (+)	8,119	93.8	40.6
■ 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 11
- Parental Identity confirmed
- No Karyotype abnormalities found
- 30+ vials banked at ~p20
- For details and raw data see StemDB

Comments

- Clone prone to differentiation (see flow results weak positive population (2nd 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

