

Certificate of analysis

SFC178-03-01

Signature: Katja Gassner Date: 09.11.2015

Supervisor signature: Linda Lako

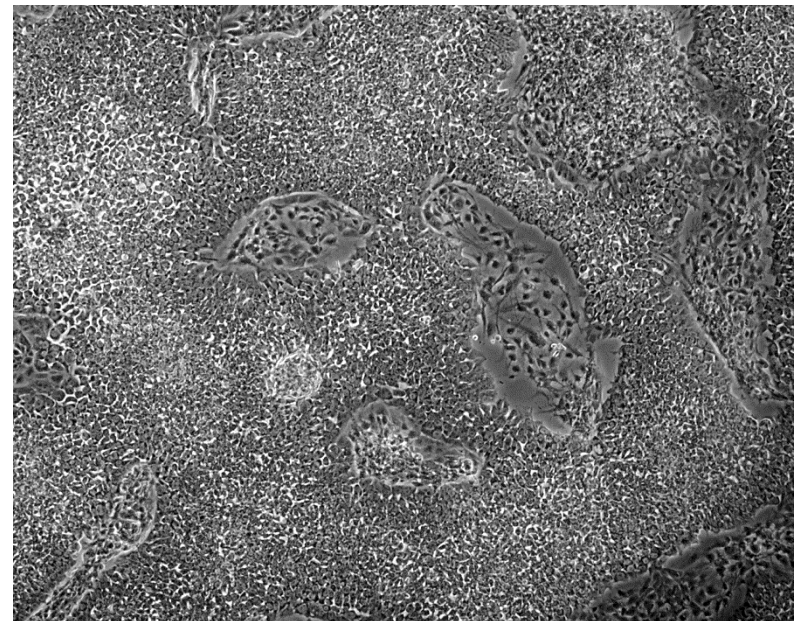
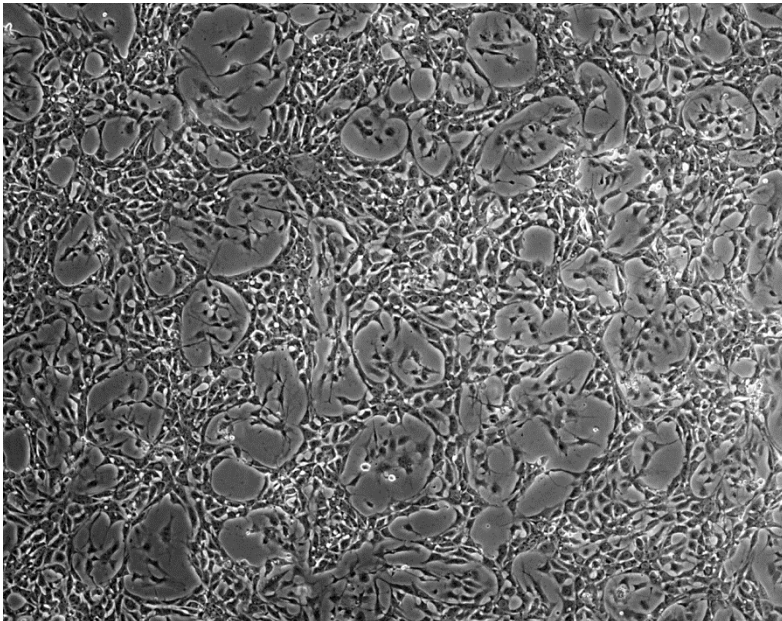
Date: 09.11.2015

Source of fibroblasts and reprogramming information

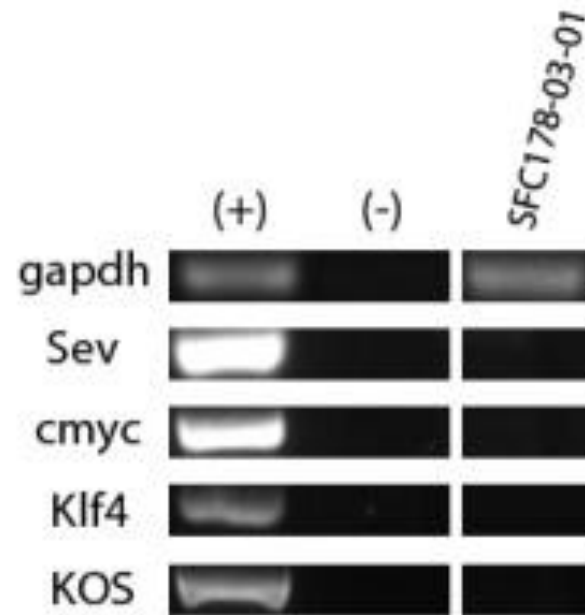
- SF178 from UOXF
- Reprogrammed at UNEW
- Reprogrammed on 14/07/2015 at passage 5
- Cytotune 2

Viability post-thaw and Morphology according to SOP19 passage 8

- Cell count immediately post-thaw 3.2×10^6
- Viability immediately post-thaw 91%
- Photo at 24h and 4 days post-thaw:



Sendai clearance:
according to WP3 SOP15
undetectable at passage 8



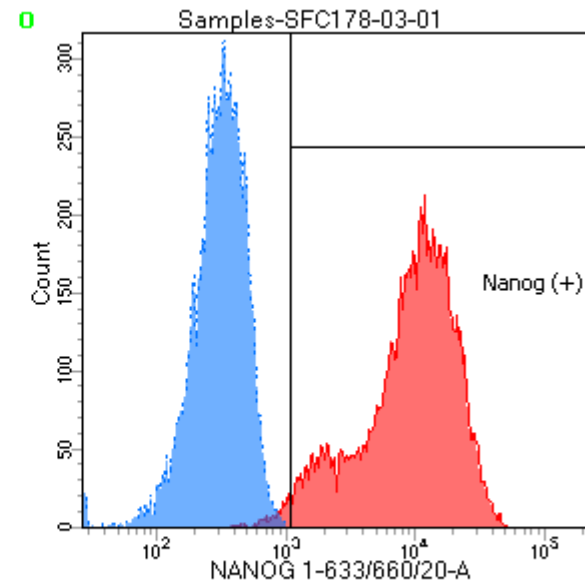
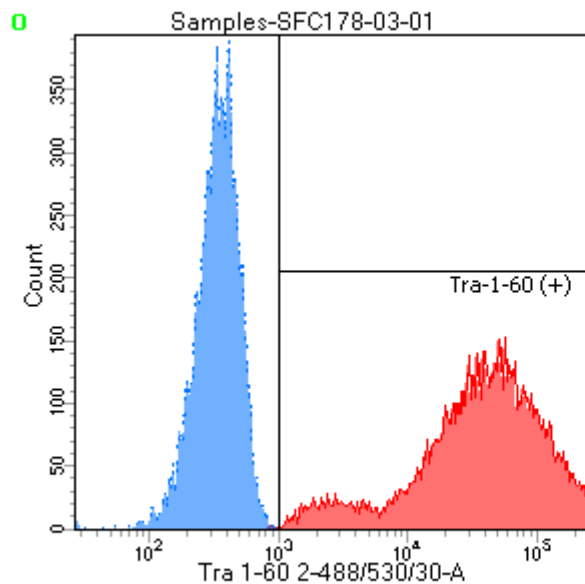
Mycoplasma test:

According to MycoAlert Lonza LT07-318

Undetectable at passage 8

Owner	KG					
Date	02/11/2015					
Cell name	SFC178-03-01					
A	0.0222					
B	0.0074					
B/A	0.333333333					
> 1.2		Mycoplasma Contaminated			Positive Control	Negative Control
0.9-1.2		Status Unknown - Retest within 24 hours			0.0397	0.069
0-0.9		Mycoplasma Free			0.6616	0.0055
					16.66498741	0.079710145

Flow cytometric analysis according to WP3 SOP 20 and 21 passage 8



Tube: SFC178-03-01

Population	#Events	%Parent	%Total
■ All Events	20,000	####	100.0
■ Cells	9,316	46.6	46.6
☒ Tra-1-60 (+)	9,292	99.7	46.5
☒ Nanog (+)	9,088	97.6	45.4
■ Samples/178/All Events	20,000	####	100.0
■ Samples/178/P1	8,983	44.9	44.9

SNP analysis

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

- Passage 8
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities none detected
- For details and raw data see StemDB

Comments

- Clone prone to differentiation
- > 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