

Certificate of analysis

SFC170-03-01

Signature: Katja Gassner Date: 18.05.2015

Supervisor signature: Linda Lako

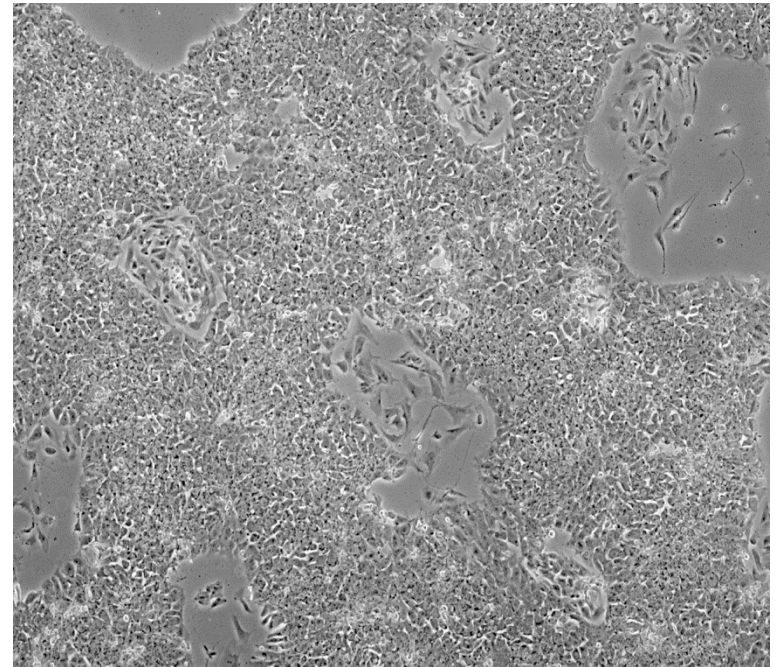
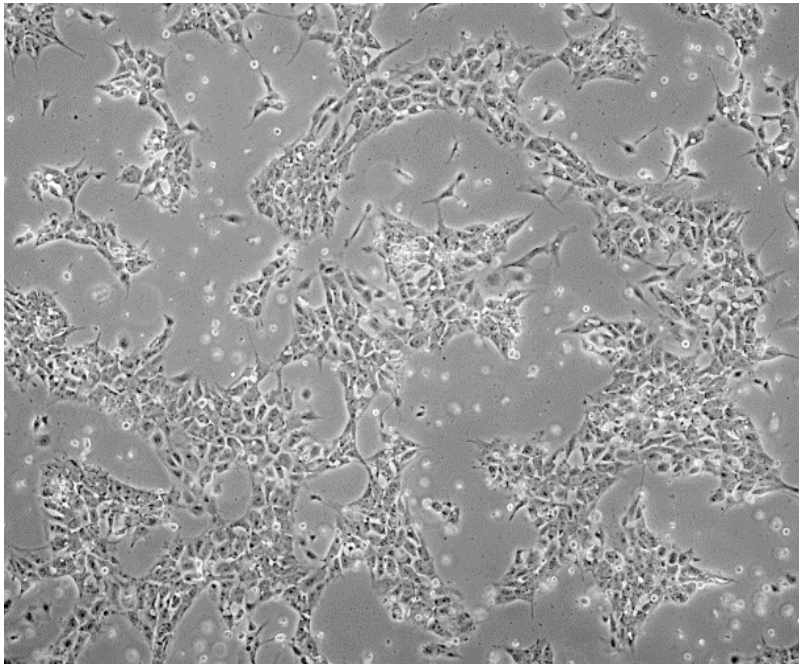
Date: 18.05.2015

Source of fibroblasts and reprogramming information

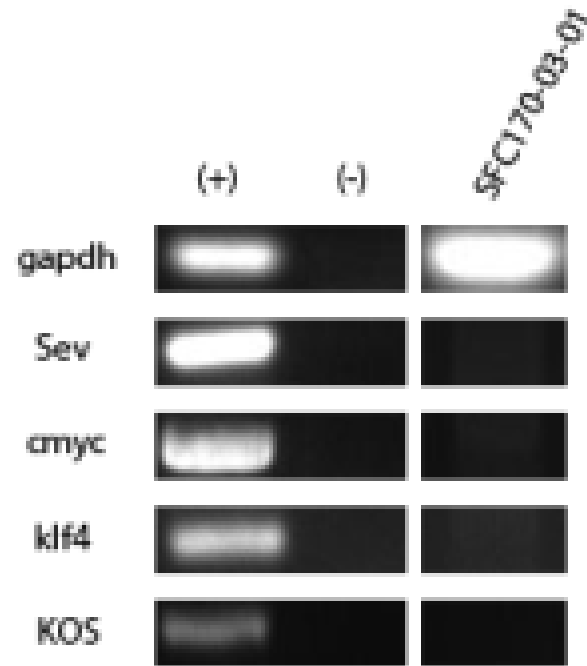
- SF170 from UOXF
- Reprogrammed at UNEW
- Reprogrammed on 16/01/2015 at passage 7
- Cytotune 2

Viability post-thaw and Morphology according to SOP19 passage 10

- 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 10



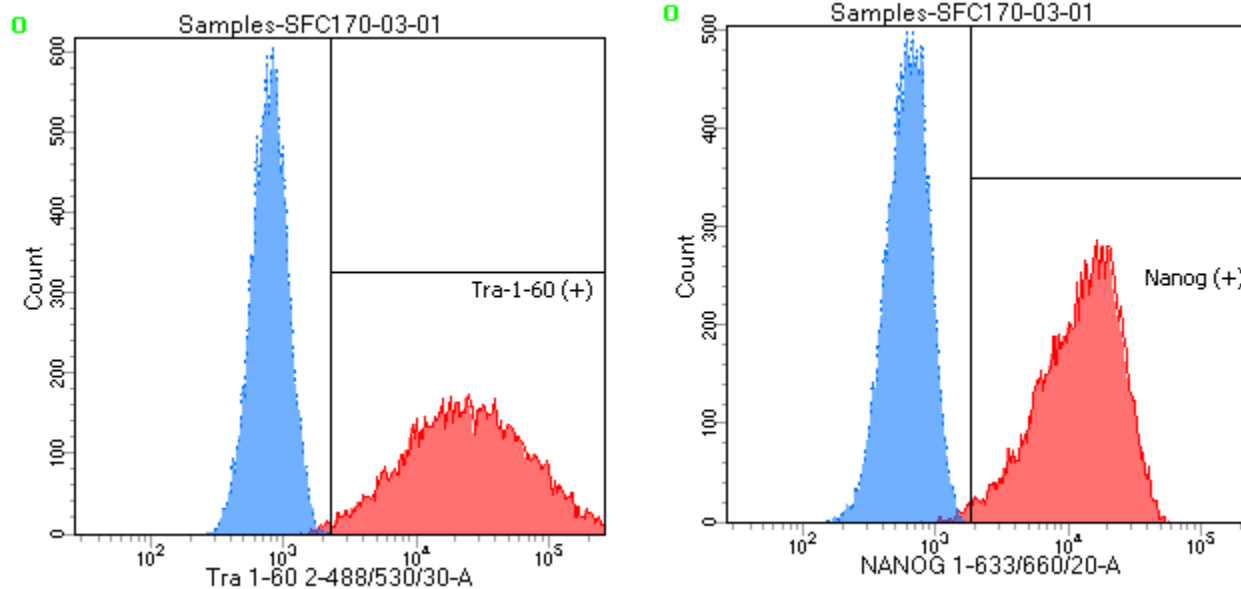
Mycoplasma test:

According to MycoAlert Lonza LT07-318

Undetectable at passage 10

Owner	KG					
Date	12/05/2015					
Cell name	sfc170-03-01					
A	0.0232					
B	0.0086					
B/A	0.370689655					
> 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 10



Tube: SFC170-03-01

Population	#Events	%Parent	%Total
All Events	20,000	####	100.0
Cells	12,649	63.2	63.2
Tra-1-60 (+)	12,495	98.8	62.5
Nanog (+)	12,456	98.5	62.3
Samples/170UN/All Events	20,000	####	100.0
Samples/170UN/P1	12,710	63.6	63.6

SNP analysis

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

- Passage 10
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: Chr17 allelic imbalance
- For details and raw data see StemDB