

Certificate of analysis

SFC039-03-03

Signature: Katja Gassner Date: 15.12.2014

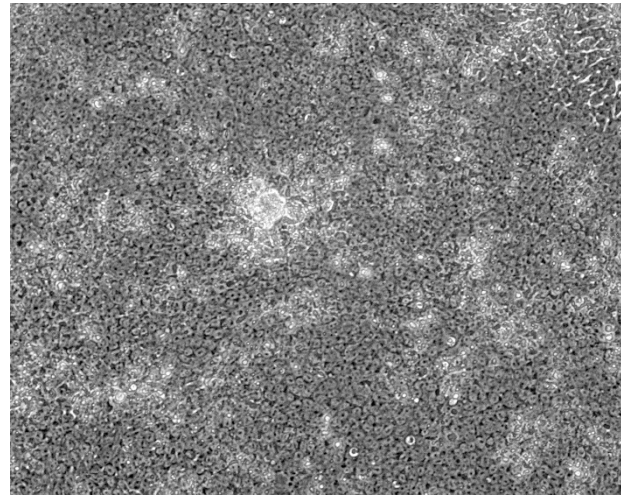
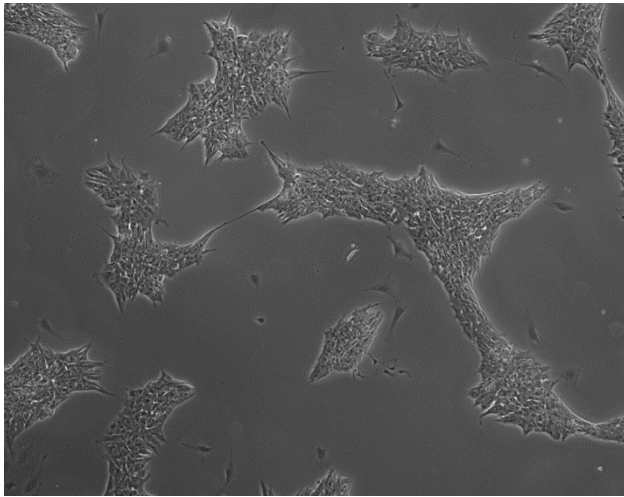
Supervisor signature: Lyle Armstrong Date:
15.12.2014

Source of fibroblasts and reprogramming information

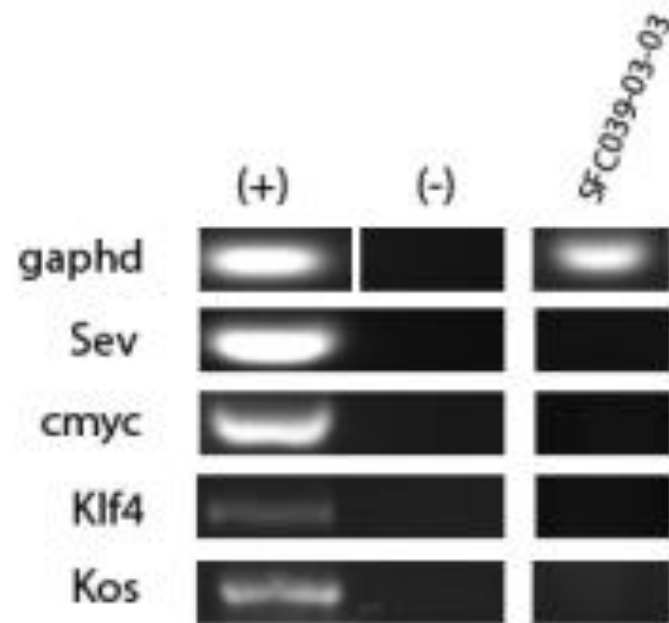
- SF039 from UOXF 07/11/2013
- Reprogrammed at UNEW
- Reprogrammed on 20/03/2014 at passage 7
- Cytotune 2

Viability post-thaw and Morphology according to SOP19 passage 14

- Cell count immediately post-thaw 1.5×10^6
- Viability immediately post-thaw 81%
- Photo at 24h and 5 days post-thaw:



Sendai clearance:
according to WP3 SOP15
undetectable at passage 14



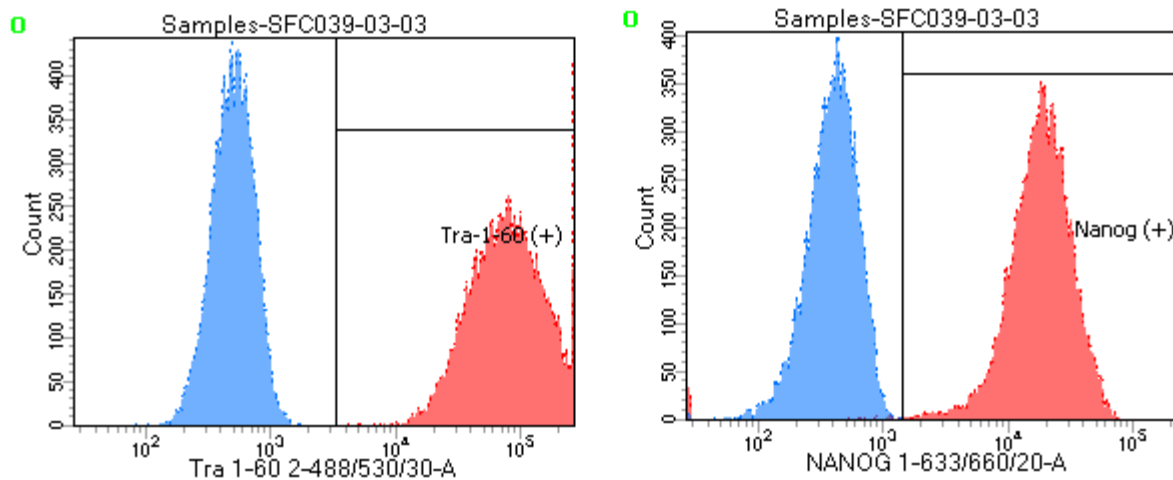
Mycoplasma test:

According to MycoAlert Lonza LT07-318

Undetectable at passage 14

Owner	KG					
Date	08/12/2014					
Cell name	SFC039-03-03					
A	0.0308					
B	0.0197					
B/A	0.63961039					
> 1.2		Mycoplasma Contaminated			Positive Control	Negative Control
0.9-1.2		Status Unknown - Retest within 24 hours			0.0341	0.1004
0-0.9		Mycoplasma Free			2.243	0.0068
					65.7771261	0.067729084

Flow cytometric analysis according to WP3 SOP 20 and 21 passage 14



Tube: SFC039-03-03

Population	#Events	%Parent	%Total
All Events	20,000	####	100.0
Cells	12,284	61.4	61.4
Tra-1-60 (+)	12,268	99.9	61.3
Nanog (+)	12,163	99.0	60.8
Samples/katja Un/All Events	20,000	####	100.0
Samples/katja Un/P1	11,422	57.1	57.1

SNP analysis

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

- Passage 14
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected
- For details and raw data see StemDB