

Certificate of analysis

SFC014-03-03

Signature: Katja Gassner Date: 12.12.2014

Supervisor signature: Lyle Armstrong

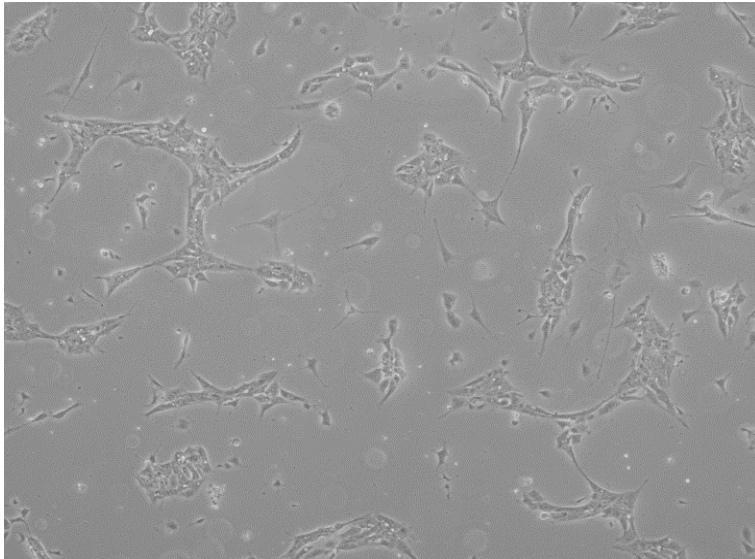
Date: 12.12.2014

Source of fibroblasts and reprogramming information

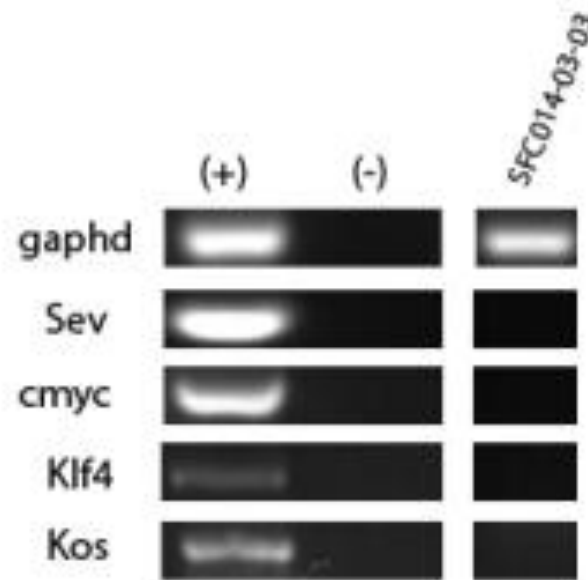
- SF014 from UOXF
- Reprogrammed at UNEW
- Reprogrammed on 01/09/2014 at passage 6
- Cytotune 2

Viability post-thaw and Morphology according to SOP19 passage 14

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



Sendai clearance:
according to WP3 SOP15
undetectable at passage 14



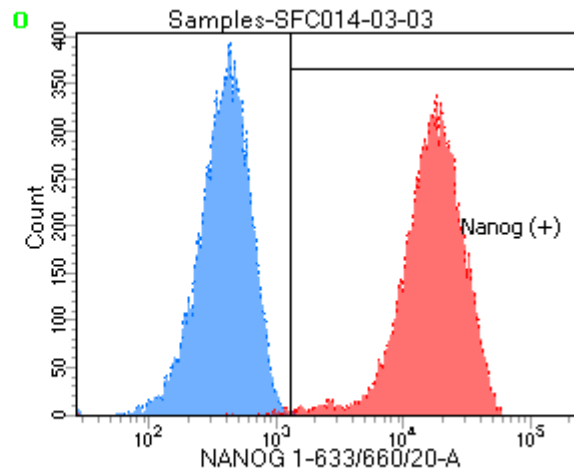
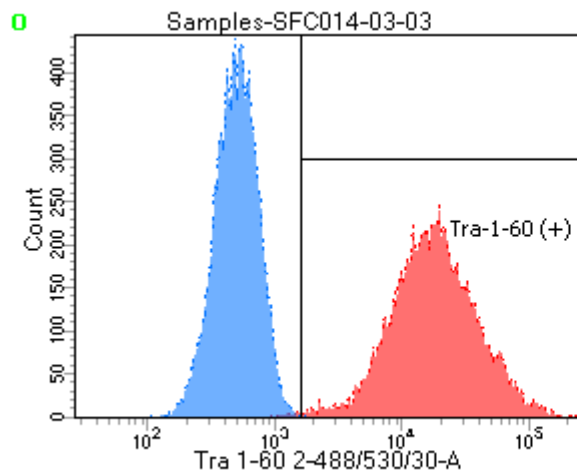
Mycoplasma test:

According to MycoAlert Lonza LT07-318

Undetectable at passage 14

Owner	KG					
Date	08/12/2014					
Cell name	SFC014-03-03					
A	0.0244					
B	0.0035					
B/A	0.143442623					
> 1.2		Mycoplasma Contaminated			Positive Control	Negative Control
0.9-1.2		Status Unknown - Restest 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: SFC014-03-03

Population	#Events	%Parent	%Total
All Events	20,000	####	100.0
Cells	11,558	57.8	57.8
Tra-1-60 (+)	11,469	99.2	57.3
Nanog (+)	11,434	98.9	57.2
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