

Certificate of analysis

SFC041-04-02

Signature: Katja Gassner Date: 10.12.2014

Supervisor signature: Lyle Armstrong

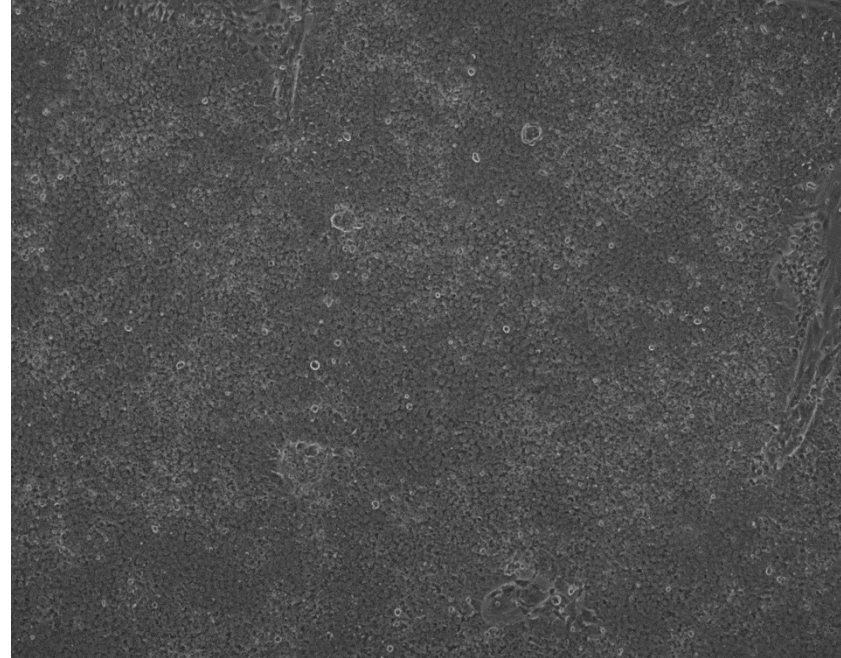
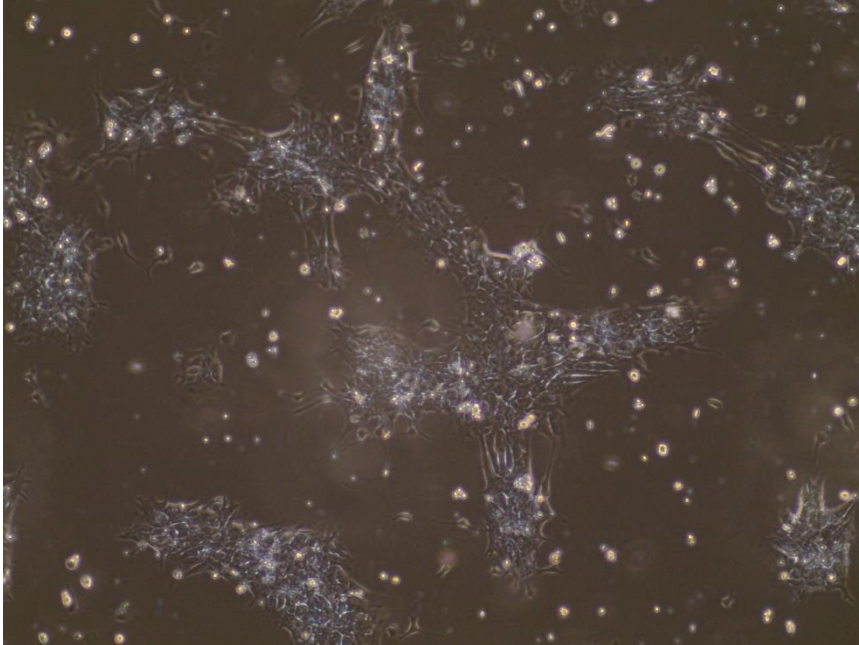
Date: 10.12.2014

Source of fibroblasts and reprogramming information

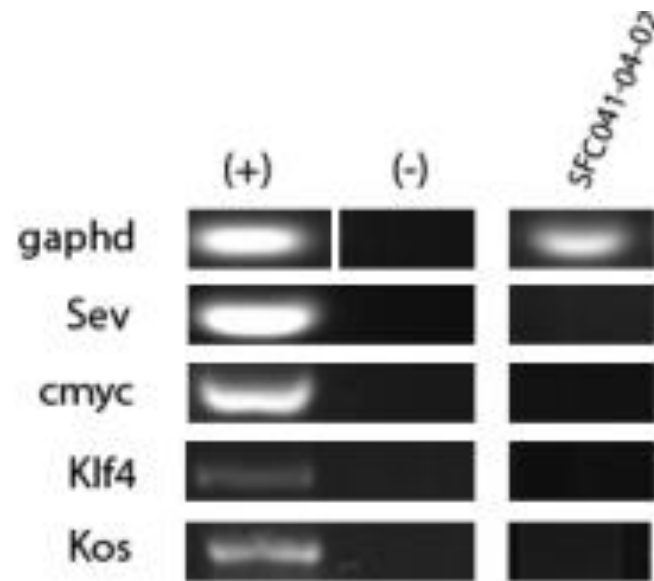
- SF041 from UOXF
- Reprogrammed at UNEW
- Reprogrammed on 21/03/2014 at passage 7
- Cytotune 2

Viability post-thaw and Morphology according to SOP19 passage 13

- Cell count immediately post-thaw 1.8×10^6
- Viability immediately post-thaw 88%
- Photo at 24h and 5 days post-thaw:



Sendai clearance:
according to WP3 SOP15
undetectable at passage 13



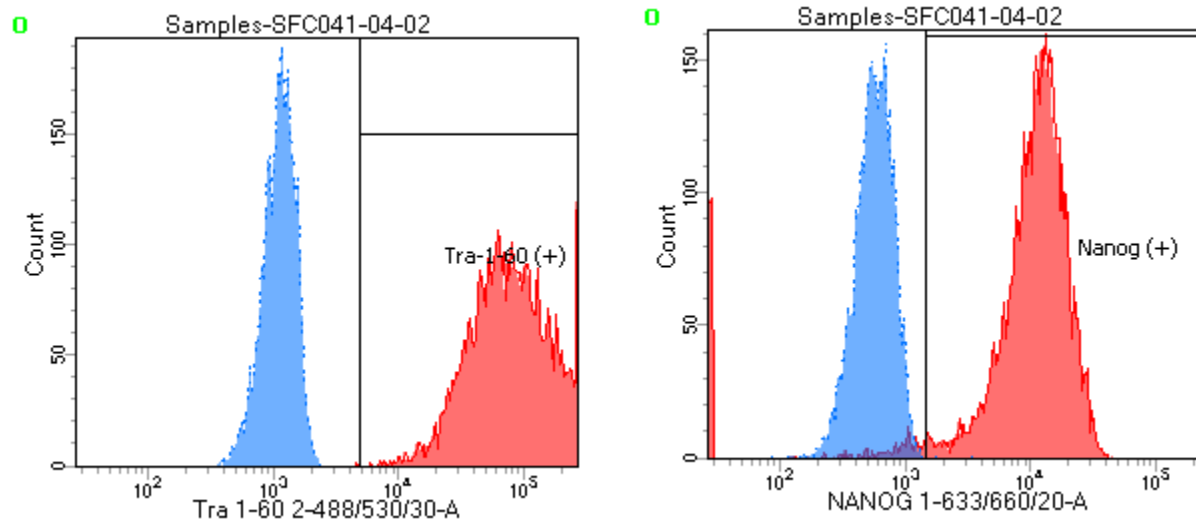
Mycoplasma test:

According to MycoAlert Lonza LT07-318

Undetectable at passage 13

Owner	KG					
Date	19/12/2014					
Cell name	SFC041-04-02					
A	0.0229					
B	0.0188					
B/A	0.820960699					
> 1.2		Mycoplasma Contaminated			Positive Control	Negative Control
0.9-1.2		Status Unknown - Retest within 24 hours			0.0536	0.0658
0-0.9		Mycoplasma Free			3.107	0.0102
					57.96641791	0.155015198

Flow cytometric analysis according to WP3 SOP 20 and 21 passage 13



Tube: SFC041-04-02

Population	#Events	%Parent	%Total
All Events	10,804	####	100.0
Cells	5,255	48.6	48.6
Tra-1-60 (+)	5,243	99.8	48.5
Nanog (+)	4,958	94.3	45.9
Samples/41 21 39 UN/All Events	12,210	####	100.0
Samples/41 21 39 UN/P1	3,571	29.2	29.2

SNP analysis

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

- Passage 13
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected
- For details and raw data see StemDB