

Certificate of analysis

SFC039-03-01

Signature: Katja Gassner Date: 03.09.2014

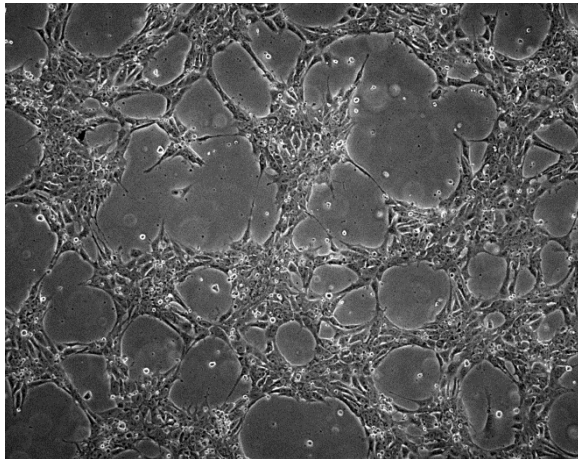
Supervisor signature: Lyle Armstrong Date:
03.09.2014

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

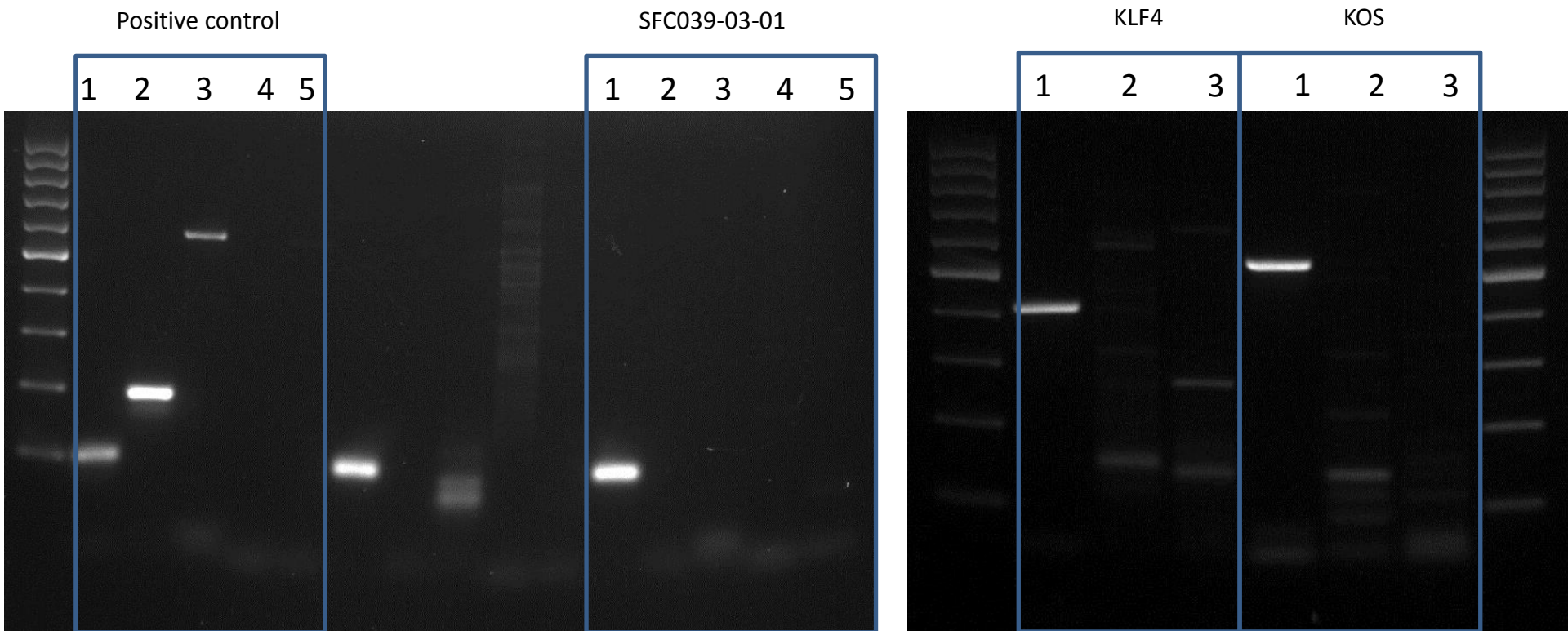
Viability post-thaw and Morphology according to SOP19 passage 19

- Cell count immediately post-thaw 1.3×10^6
- Viability immediately post-thaw 86%
- Photo at 24h and 5 days post-thaw:



Sendai clearance: according to WP3 SOP15 undetectable at passage 5

#	Primer
1	GAPDH
2	SeV
3	KOS
4	KLF4
5	c-MYC



- KLF4 and Kos positive required a repeat →

#	Sample
1	Positive control
3	SFC039-03-04

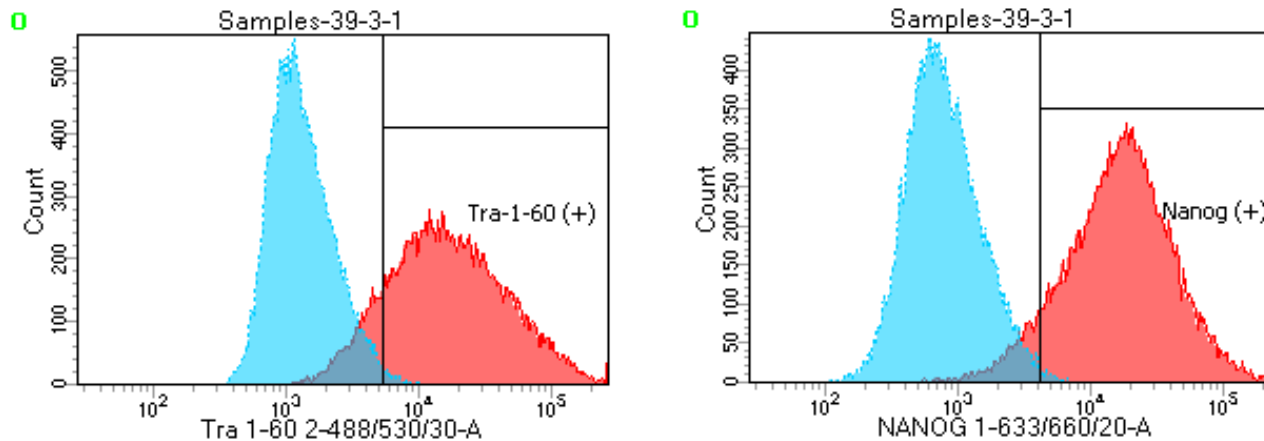
Mycoplasma test:

According to MycoAlert Lonza LT07-318

Undetectable at passage 9

User	KG						
Date	07/08/2014						
Sample	SFC039-03-01						
A	0.0231						
B	0.0082						
B/A	0.354978355						
		0-0.9	Mycoplasma Free			Positive Control	Negative Control
		0.9-1.2	Status unknown - Retest within 24 hours			0.0345	0.137
		> 1.2	Mycoplasma Contaminated			0.3015	0.0159
						8.739130435	0.11605839

Flow cytometric analysis according to WP3 SOP 20 and 21 passage 9



Tube: 39-3-1

Population	#Events	%Parent	%Total
All Events	20,000	####	100.0
■ P1	1,360	6.8	6.8
■ Cells	18,640	93.2	93.2
☒ Tra-1-60 (+)	15,793	84.7	79.0
☒ Nanog (+)	16,900	90.7	84.5
■ Samples/ISV-KG Un/All Events	20,000	####	100.0
■ Samples/ISV-KG Un/P1	1,688	8.4	8.4
■ Samples/ISV-KG Un/NOT(P1)	18,312	91.6	91.6

SNP analysis

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

- Passage 9
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected
- For details and raw data see StemDB