Certificate of analysis

SFC109-03-02

Signature: Theodore Latsis: 15-05-2015

Supervisor signature: Lyle Armstrong

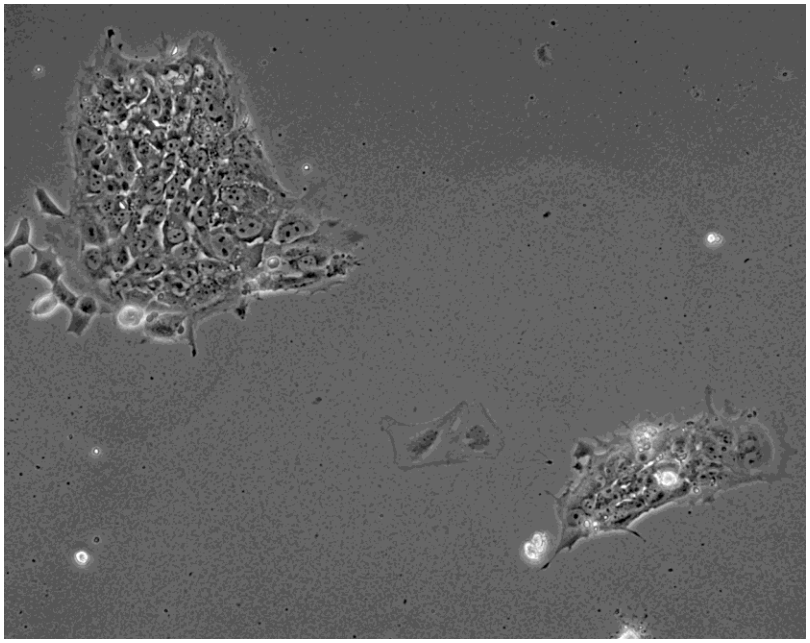
Date: 15-05-2015

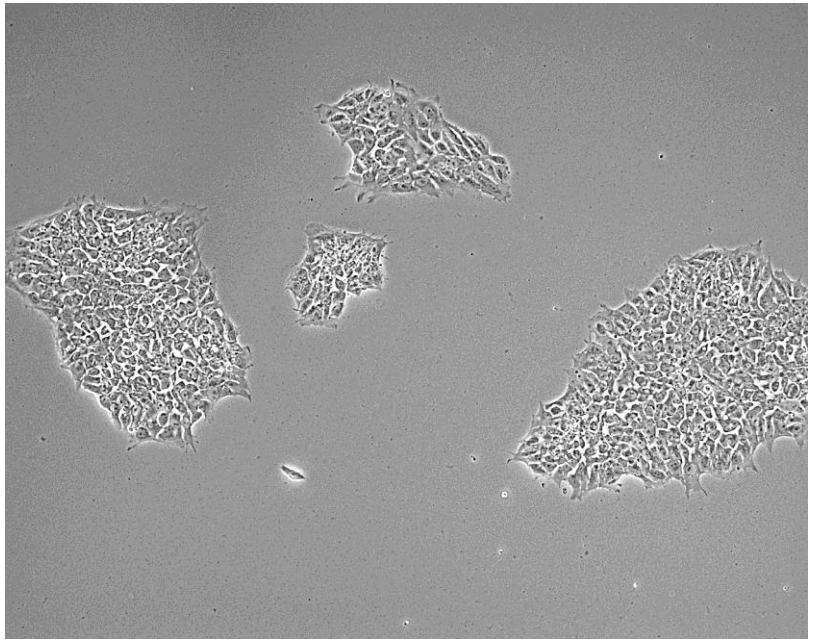
Source of fibroblasts and reprogramming information

- SF109 from University of Oxford
- Reprogrammed at UNEW
- Reprogrammed on 13-01-2015 at passage 5
- Cytotune 2

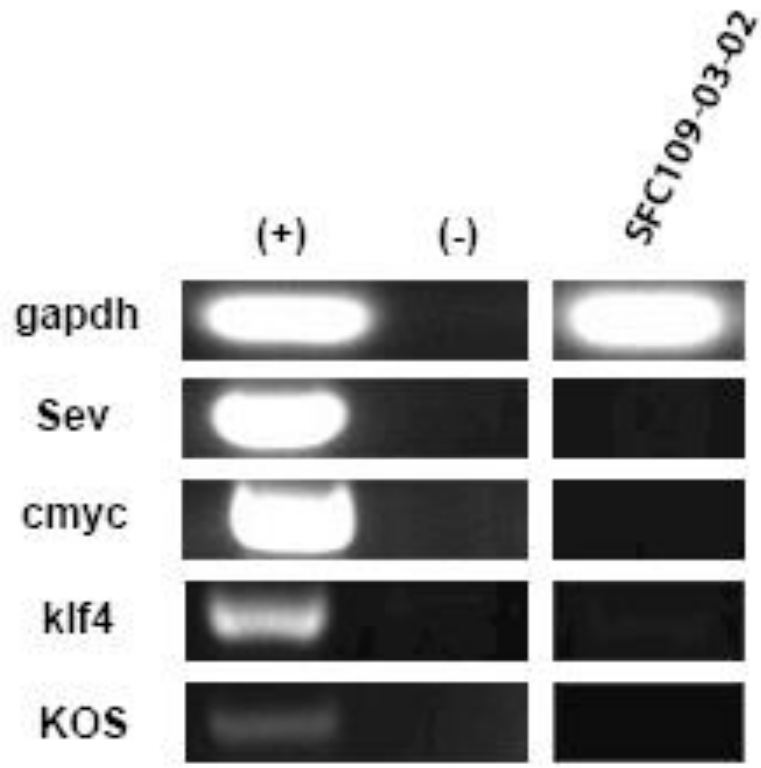
Viability post-thaw and Morphology according to SOP19 passage 8

- Cell count immediately post-thaw: 1,5 X 106
- Viability immediately post-thaw: 85%
- Photo 24h & 36h post-thaw





Sendai clearance: according to WP3 SOP15 undetectable at passage 8



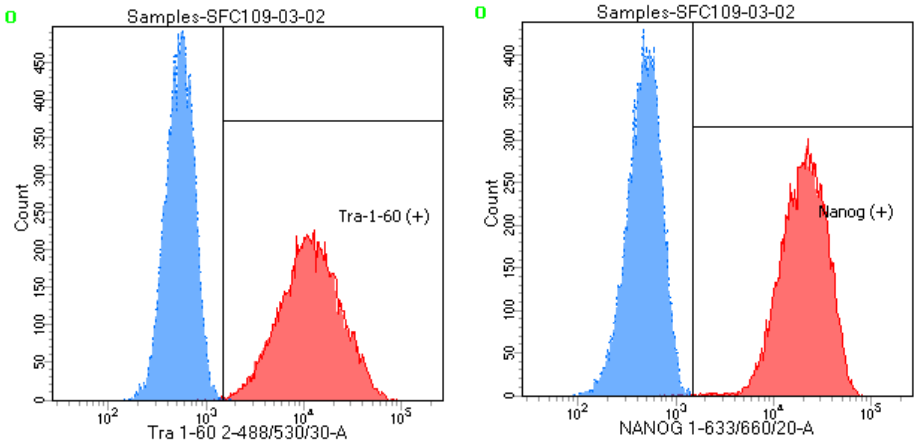
Mycoplasma test:

According to MycoAlert Lonza LT07-318

Undetectable at passage 8

> 1.2		Mycoplasma Contaminated	Positive Control	Negative Control	**Cell name**	SFC-109-03-02
0.9-1.2		Status Unknown - Restest within 24 hours	0.053	0.062	**A**	0.026
0-0.9		Mycoplasma Free	0.963	0.010	**B**	0.013
			18.068	0.166	**B/A**	0.483

Flow cytometric analysis according to WP3 SOP 20 and 21 passage 8



Tube: SFC109-03-02

Population	#Events	%Parent	%Total
All Events	20,000	####	100.0
Cells	10,754	53.8	53.8
Tra-1-60 (+)	10,691	99.4	53.5
Nanog (+)	10,688	99.4	53.4
Samples/109UN/All Events	20,000	####	100.0
Samples/109UN/P1	11,225	56.1	56.1

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

- Passage 8
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected
- For details and raw data see StemDB