Certificate of analysis

SFC109-03-12

Signature: Theodore Latsis: 15-05-2015

Supervisor signature: Lyle Armstrong

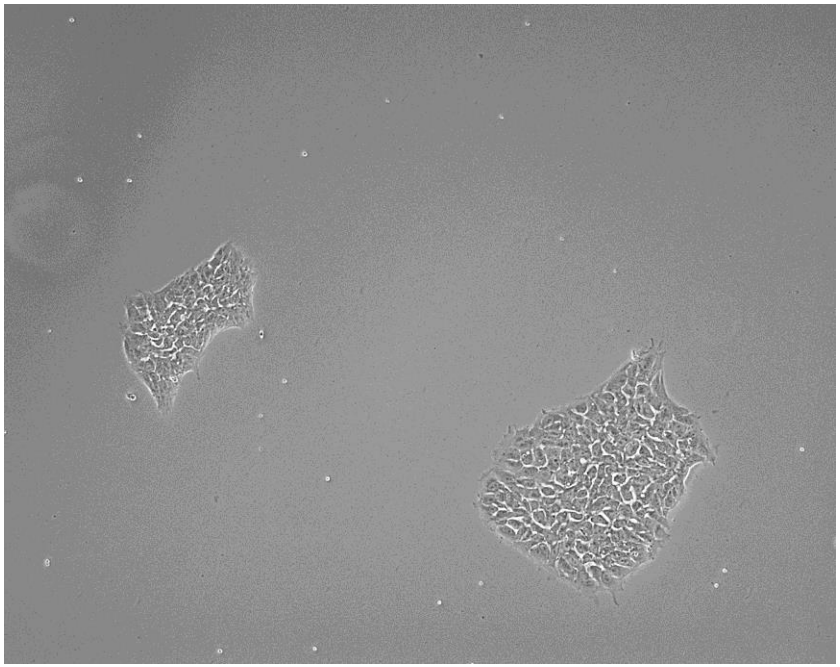
Date: 15-05-2015

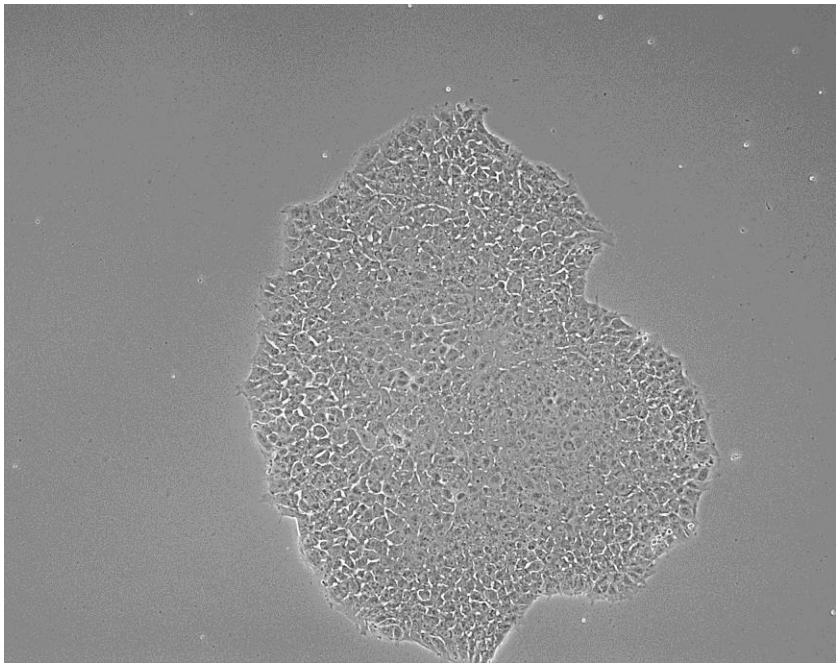
Source of fibroblasts and reprogramming information

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

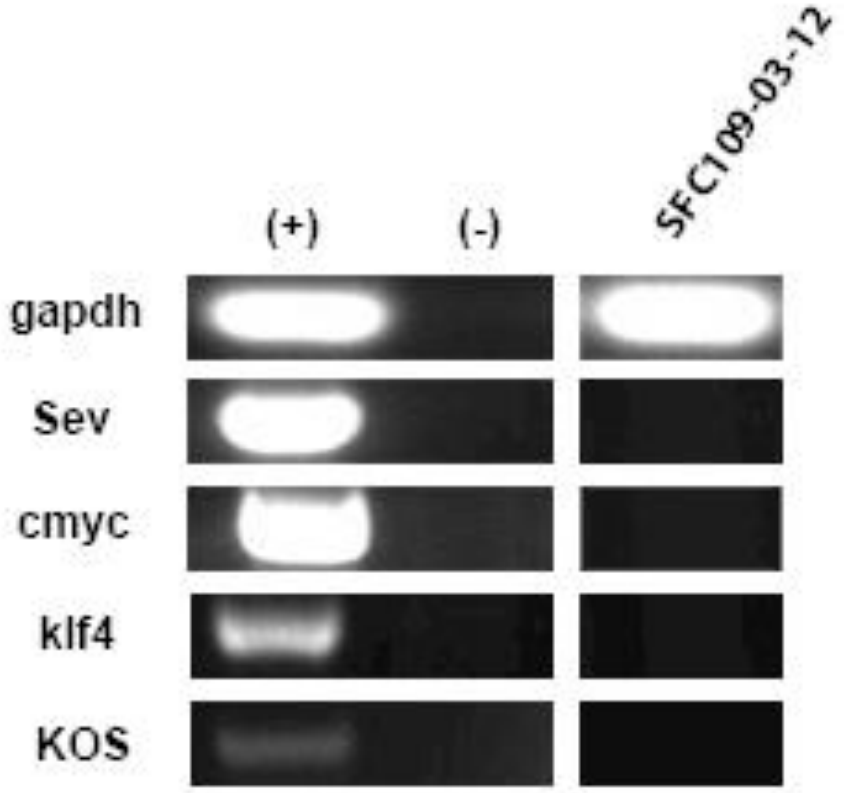
Viability post-thaw and Morphology according to SOP19 passage 12

- Cell count immediately post-thaw: 1,5mil/vial
- Viability immediately post-thaw: 85%
- Photo 36h & 72h post-thaw





Sendai clearance: according to WP3 SOP15 undetectable at passage 12



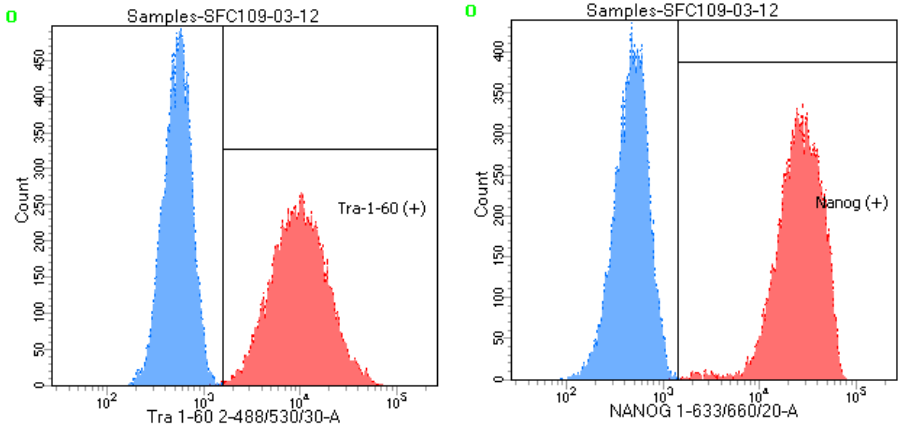
Mycoplasma test:

According to MycoAlert Lonza LT07-318

Undetectable at passage 12

> 1.2		Mycoplasma Contaminated	Positive Control	Negative Control	**Cell name**	SFC-109-03-12
0.9-1.2		Status Unknown - Restest within 24 hours	0.053	0.062	**A**	0.022
0-0.9		Mycoplasma Free	0.963	0.010	**B**	0.008
			18.068	0.166	**B/A**	0.360

Flow cytometric analysis according to WP3 SOP 20 and 21 passage 12



Tube: SFC109-03-12

Population	#Events	%Parent	%Total
All Events	20,000	####	100.0
Cells	11,785	58.9	58.9
Tra-1-60 (+)	11,743	99.6	58.7
Nanog (+)	11,758	99.8	58.8
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 12
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: Chr12 amplification which is not present in parental fibroblasts
- For details and raw data see StemDB
- Audit 24.07.17