

Certificate of analysis

SFC050-03-21

Signature: Theodore Latsis: 15-05-2015

Supervisor signature: Lyle Armstrong

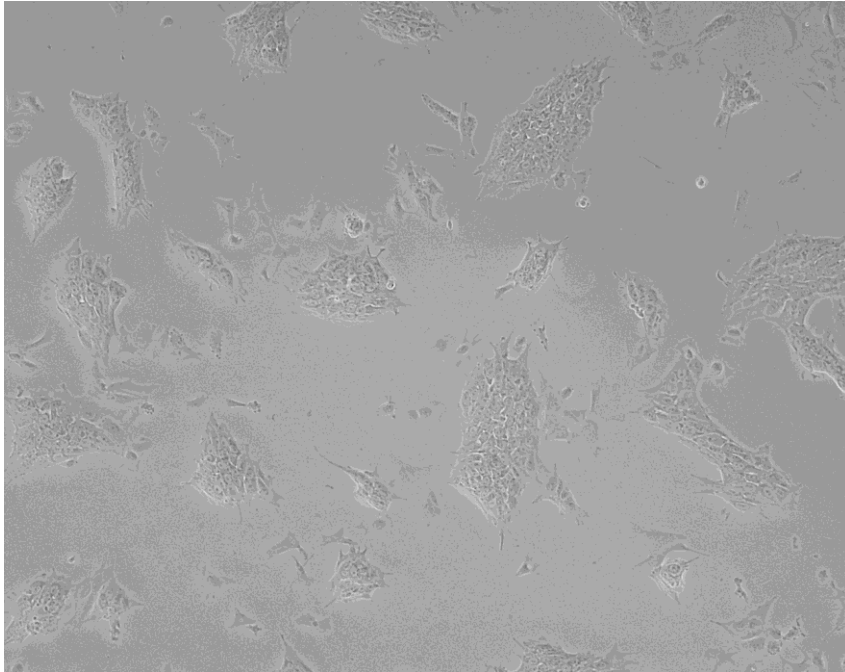
Date: 15-5-2015

Source of fibroblasts and reprogramming information

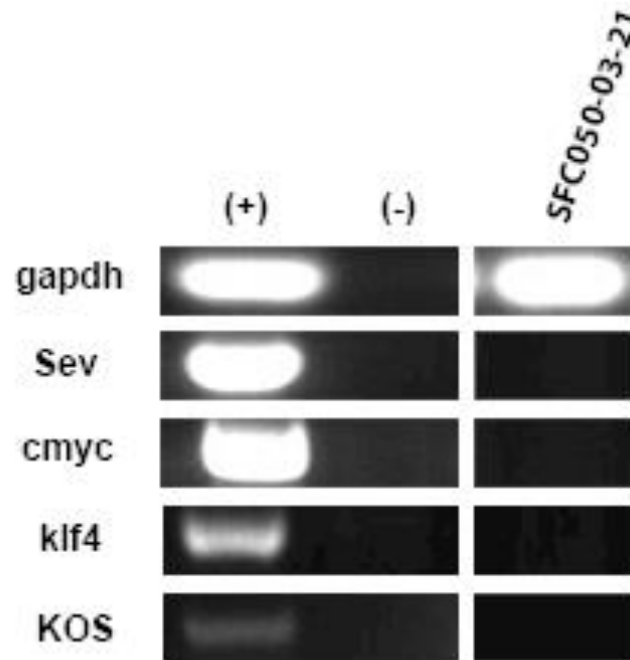
- SF050 from University of Oxford
- Reprogrammed at UNEW
- Reprogrammed on 13-01-2015 at passage 5
- Cytotune 2

Viability post-thaw and Morphology according to SOP19 passage 8

- Cell count immediately post-thaw:
1.5mil/vial
- Viability immediately post-thaw: 85%
- Photo 24h post-thaw



Sendai clearance:
according to WP3 SOP15
undetectable at passage 8



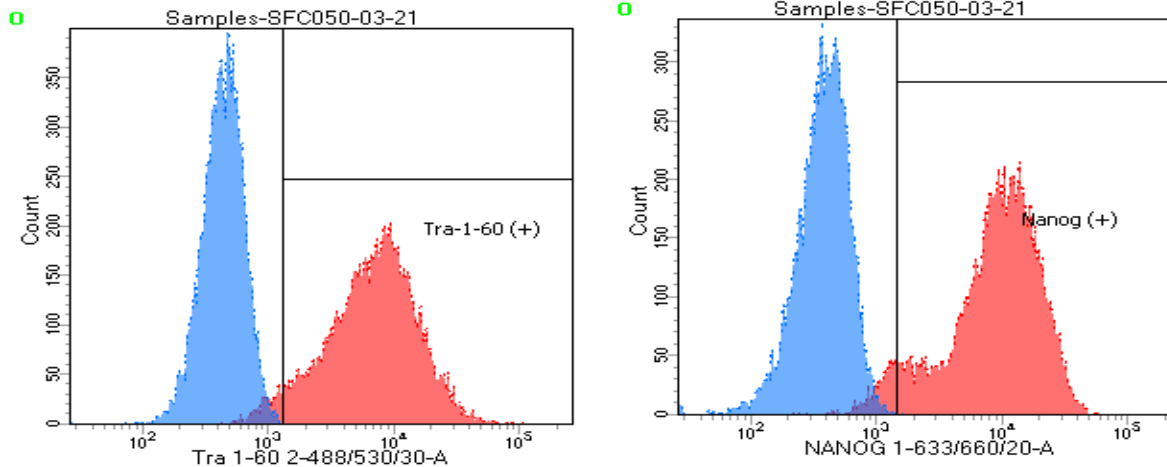
Mycoplasma test:

According to MycoAlert Lonza LT07-318

Undetectable at passage 8

> 1.2		Mycoplasma Contaminated	Positive Control	Negative Control	Cell name	SFC-050-03-21
0.9-1.2		Status Unknown - Restest within 24 hours	0.053	0.062	A	0.021
0-0.9		Mycoplasma Free	0.963	0.010	B	0.007
			18.068	0.166	B/A	0.322

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



Tube: SFC050-03-21

Population	#Events	%Parent	%Total
All Events	20,000	####	100.0
Cells	9,990	50.0	50.0
Tra-1-60 (+)	9,497	95.1	47.5
Nanog (+)	9,337	93.5	46.7
Samples/50UN/All Events	20,000	####	100.0
Samples/50UN/P1	9,577	47.9	47.9

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