Certificate of analysis

SFC172-03-01

Signature: Theodore Latsis: 08-12-2015

Supervisor signature: Lyle Armstrong

Date: 08-12-2015

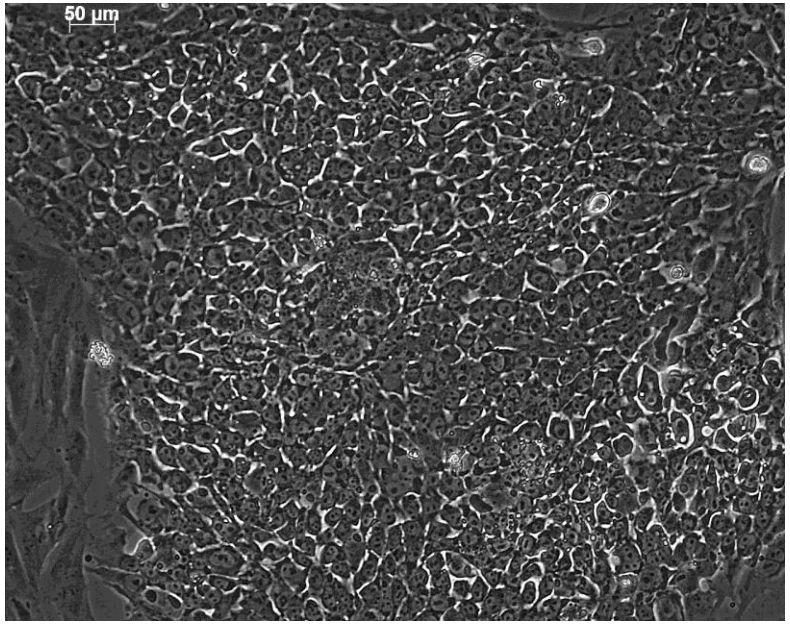
Source of fibroblasts and reprogramming information

- SF172 from University of Oxford
- Reprogrammed at UNEW, on 09-06-2015 at passage 5
- Cytotune 2

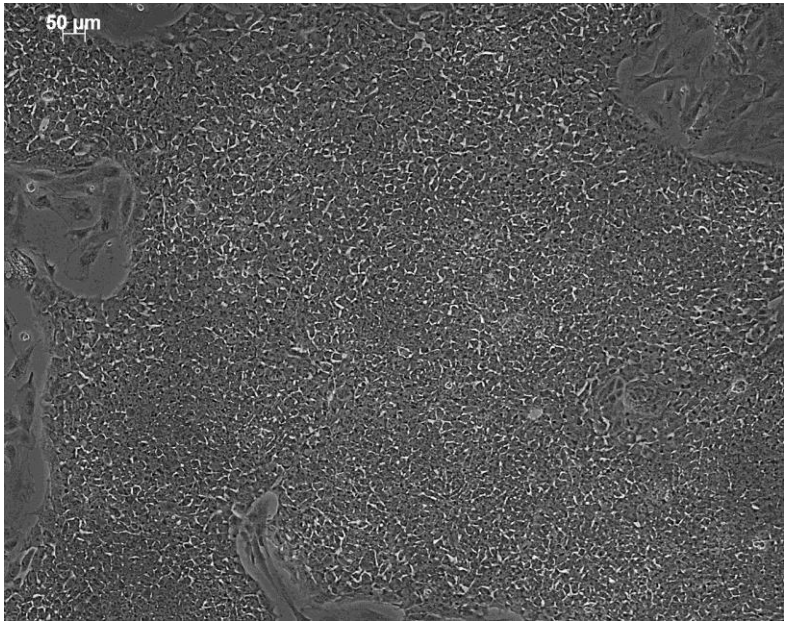
Viability post-thaw and Morphology according to SOP19 passage 13

- Cell count immediately post-thaw: $2x10^6$ cells
- Viability immediately post-thaw: 80%
- Photos 72h & 5 days post-thaw

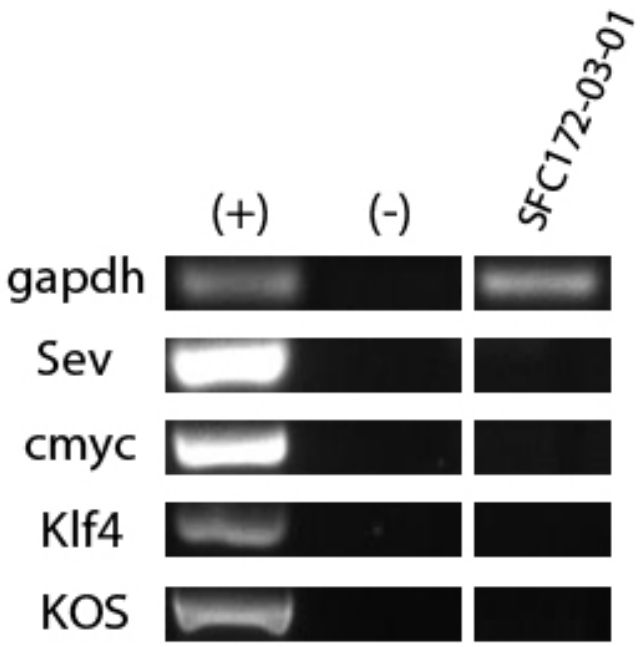
72 hours Post Thaw x10



5 days Post Thaw x5



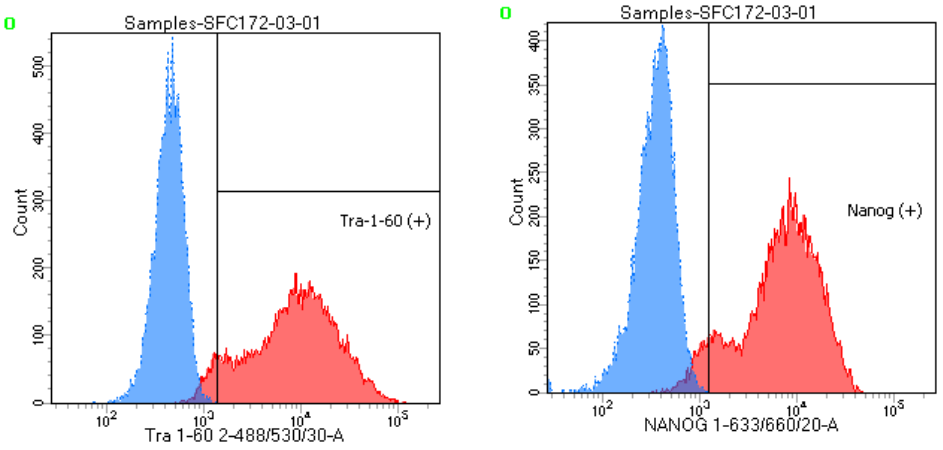
Sendai clearance: according to WP3 SOP15 undetectable at passage 13



Mycoplasma test:
According to MycoAlert Lonza LT07-318
Undetectable at passage 13

> 1.2		Mycoplasma Contaminated	Positive Control	Negative Control	SFC172-03-01
0.9-1.2		Status Unknown - Retest within 24 hours	0.031	0.044	0.010
0-0.9		Mycoplasma Free	1.434	0.009	0.003
			46.258	0.198	0.289

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



Tube: SFC172-03-01

Population	#Events	%Parent	%Total
All Events	20,000	####	100.0
Cells	11,645	58.2	58.2
Tra-1-60 (+)	10,805	92.8	54.0
Nanog (+)	10,740	92.2	53.7
Samples/172/All Events	20,000	####	100.0
Samples/172/P1	11,517	57.6	57.6

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
- Audited – 24.07.17