

Certificate of analysis

SFC012-04-31

Signature: Theodore Latsis: 08-12-2014

Supervisor signature: Lyle Armstrong

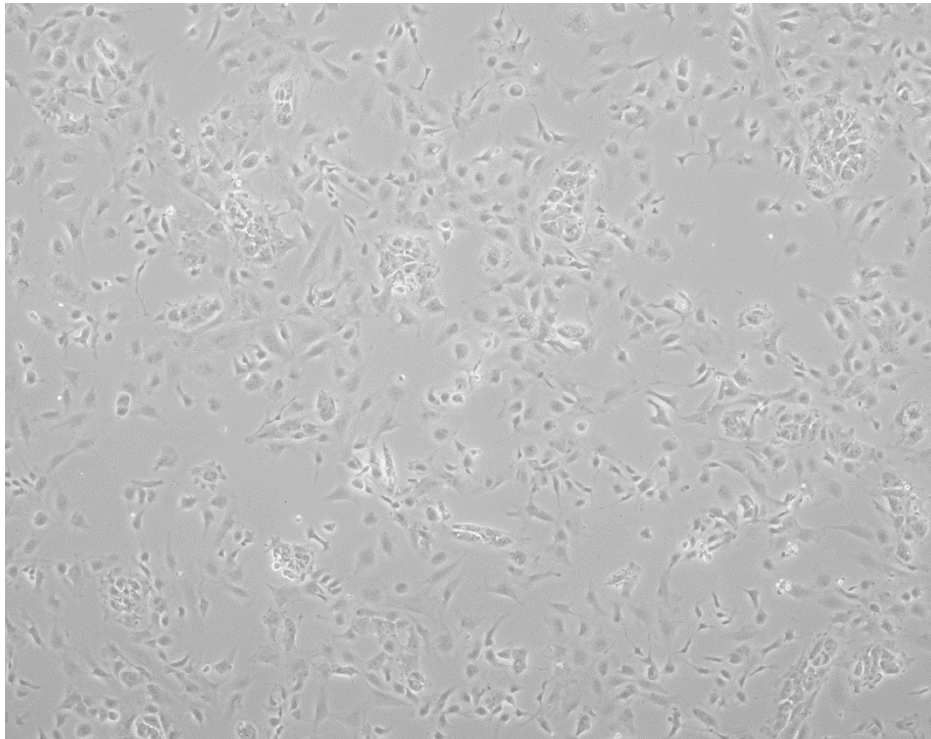
Date: 08-12-2014

Source of fibroblasts and reprogramming information

- SF012 from University of Oxford
- Reprogrammed at UNEW
- Reprogrammed on 22-09-2014 at passage 4
- Cytotune 2

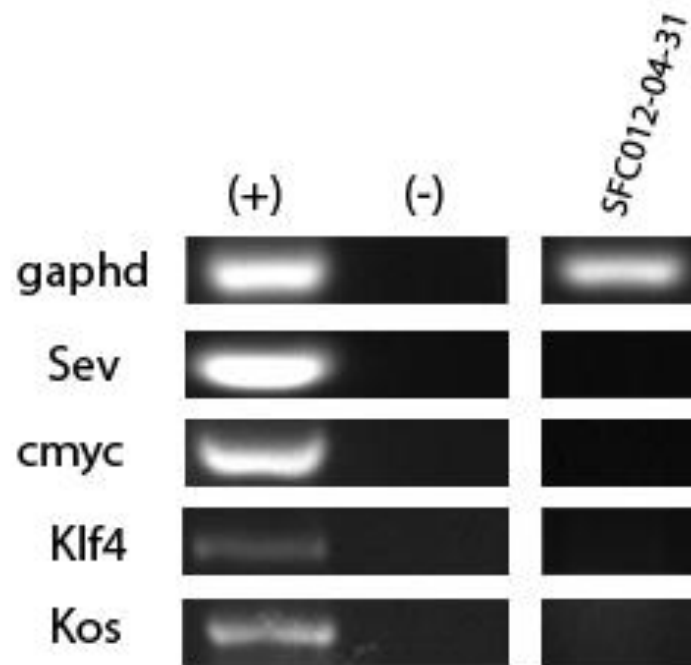
Viability post-thaw and Morphology according to SOP19 passage 11

- Cell count immediately post-thaw 1.55 million
- Viability immediately post-thaw 80.5%
- Photo 24h post-thaw



iPSC clone sensitive to accutase based freezing. Upon thawing allow the colonies to grow, remove mechanically to a fresh well and then passage with EDTA for 1 minute.




Sendai clearance:
according to WP3 SOP15
undetectable at passage 11



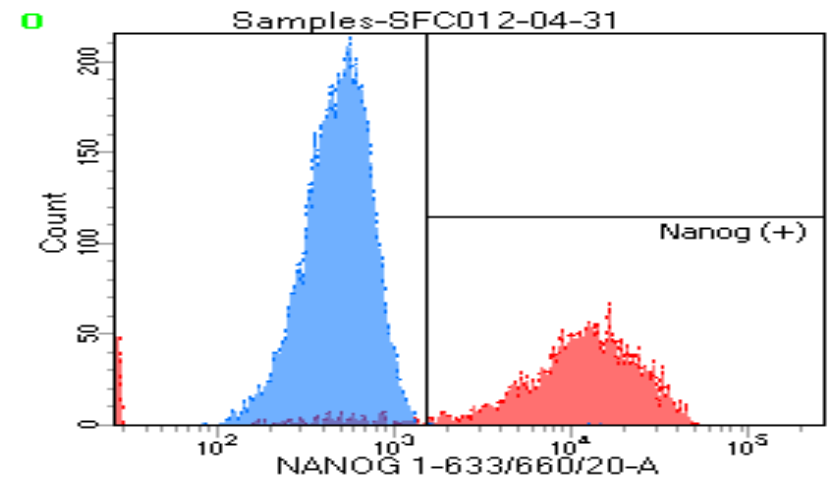
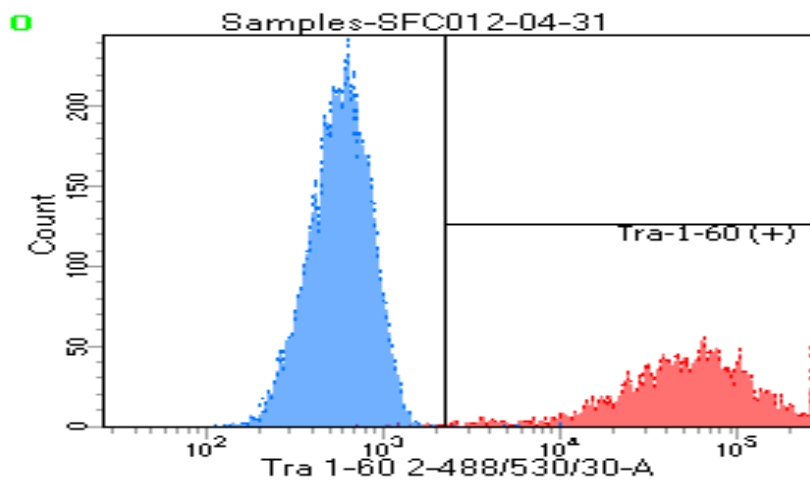
Mycoplasma test:

According to MycoAlert Lonza LT07-318

Undetectable at passage 11

> 1.2		Mycoplasma Contaminated			Positive Control	Negative Control
0.9-1.2		Status Unknown - Restest within 24 hours			0.0341	0.1004
0-0.9		Mycoplasma Free			2.243	0.0068
					65.7771261	0.067729084
				Owner	Theodore Latsis	
				Date	08/12/2014	
				Cell name	SFC-012-04-31	
				A	0.0204	
				B	0.0074	
				B/A	0.36275	

Flow cytometric analysis according to WP3 SOP 20 and 21 passage 11



Tube: SFC012-04-31

Population	#Events	%Parent	%Total
■ All Events	5,846	####	100.0
■ Cells	2,750	47.0	47.0
☒ Tra-1-60 (+)	2,700	98.2	46.2
☒ Nanog (+)	2,472	89.9	42.3
■ Samples/12 UN/All Events	11,914	####	100.0
■ Samples/12 UN/P1	6,055	50.8	50.8

SNP analysis

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

- Passage 11
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected
- For details and raw data see StemDB