

# Certificate of analysis

SFC012-04-30

Signature: Theodore Latsis: 08-12-2014

Supervisor signature: Lyle Armstrong

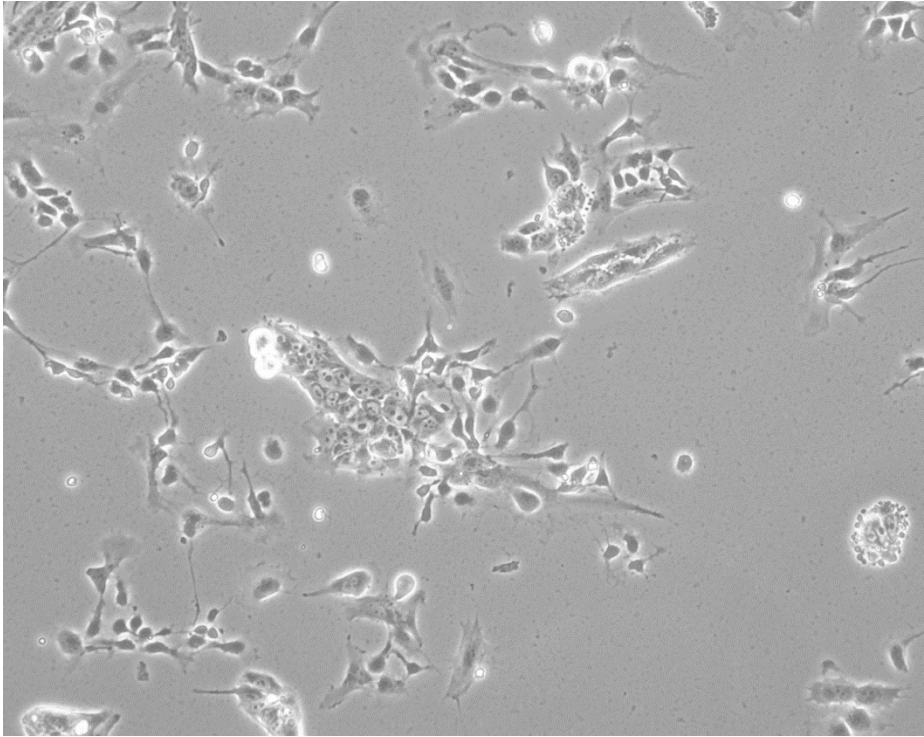
Date: 08-12-2014

# Source of fibroblasts and reprogramming information

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

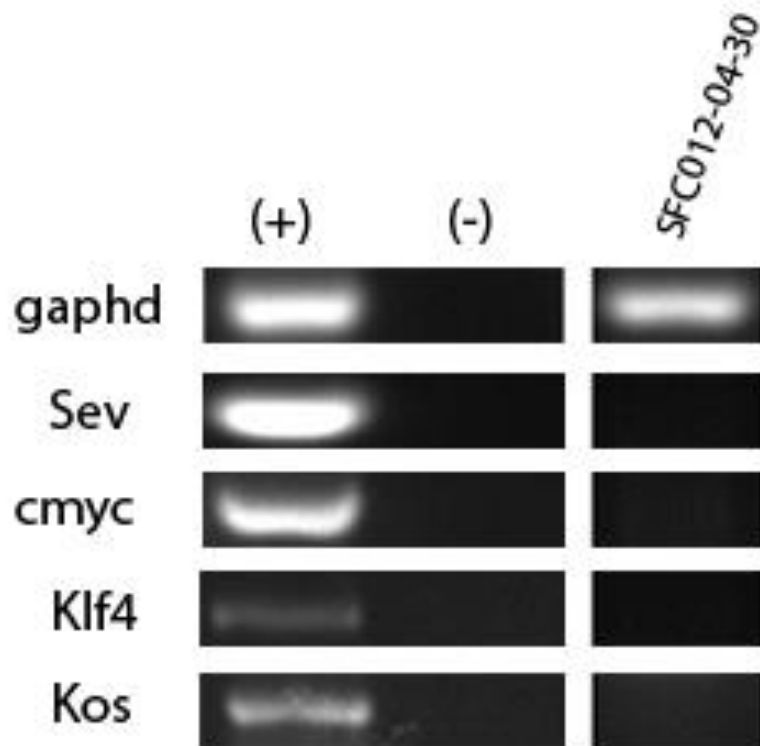
# Viability post-thaw and Morphology according to SOP19 passage 11

- Cell count immediately post-thaw 1,5 million
- Viability immediately post-thaw 83.9%
- Photo 24h post-thaw



- iPSC clone sensitive to accutase based freezing (neural differentiation observed after three efforts).
- 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



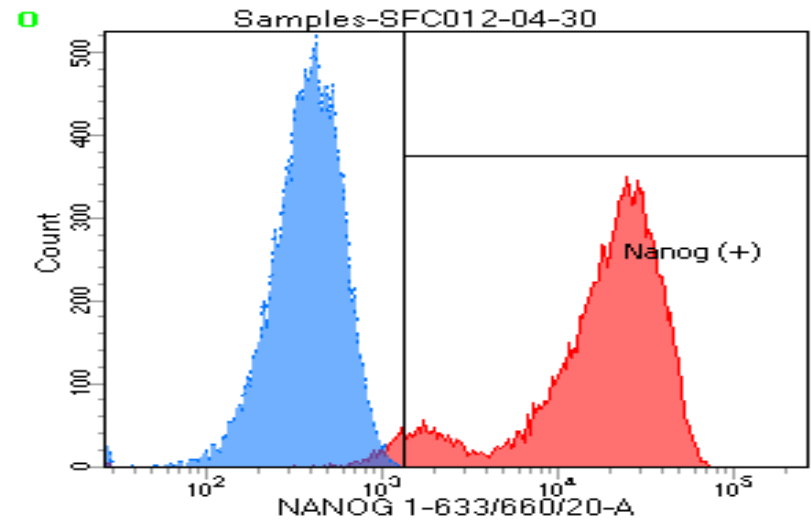
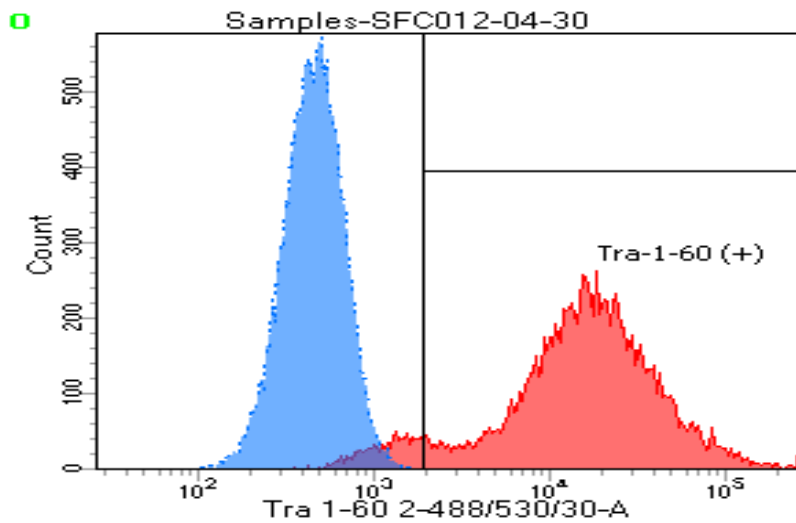
# Mycoplasma test:

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-012-04-30	
				A	0.0188	
				B	0.009	
				B/A	0.47872	

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



Tube: SFC012-04-30

Population	#Events	%Parent	%Total
■ All Events	20,000	####	100.0
■ Cells	13,703	68.5	68.5
☒ Tra-1-60 (+)	12,547	91.6	62.7
☒ Nanog (+)	13,173	96.1	65.9
■ Samples/12-30 UN/All Events	20,000	####	100.0
■ Samples/12-30 UN/P1	15,089	75.4	75.4

# 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