

# Certificate of analysis

SFC893-07-09

Signature: Theodore Latsis: 06-07-2015

Supervisor signature: Lyle Armstrong

Date: 06-07-2015

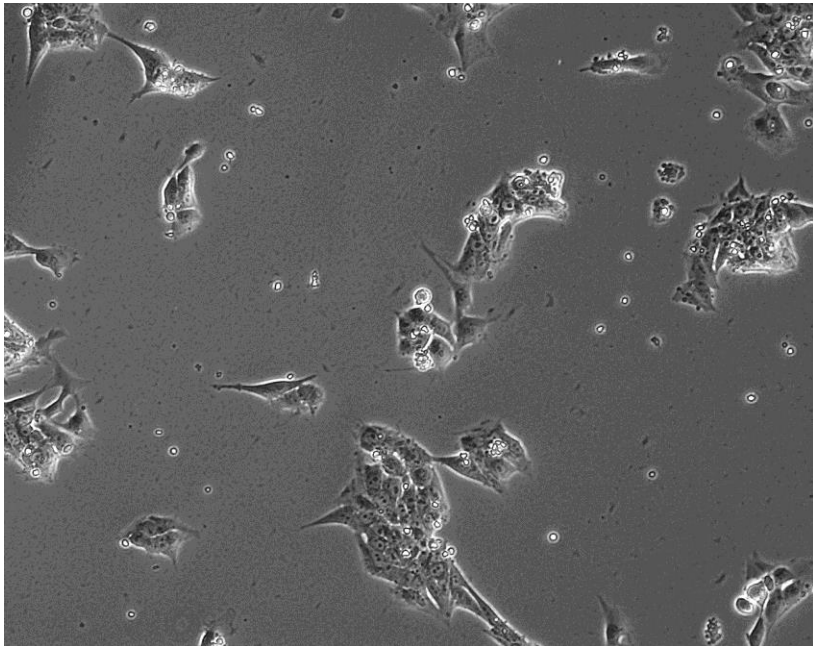
# Source of fibroblasts and reprogramming information

- SF893 from University of Oxford
- Reprogrammed at UNEW
- Reprogrammed on 13-02-2015 at passage 7
- Cytotune 2
- Cells/Colonies should be passaged regularly every 5-6 days to avoid differentiation especially around the periphery

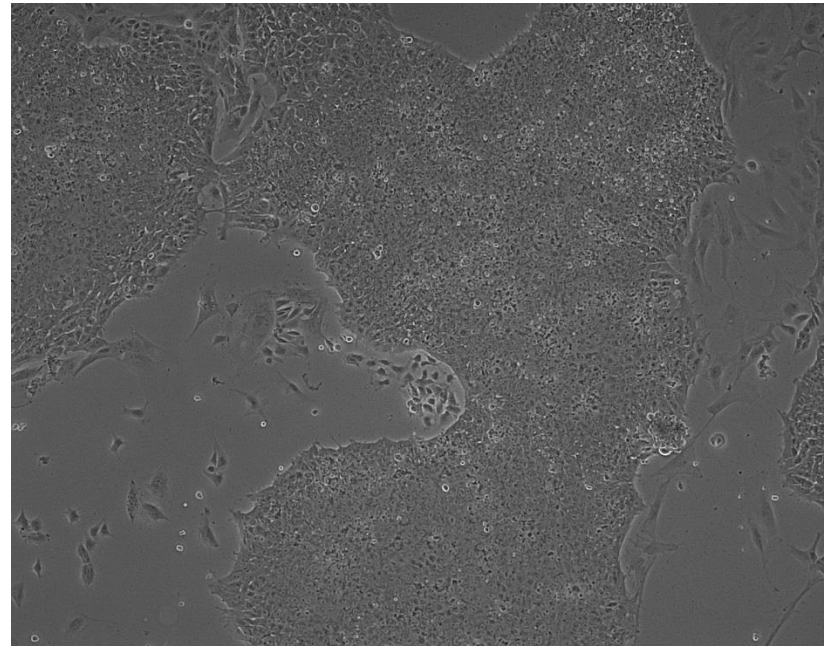
# Viability post-thaw and Morphology according to SOP19 passage 20

- Cell count immediately post-thaw:  
1.5mil/vial
- Viability immediately post-thaw: 92%
- Photos 36h and 6days post-thaw

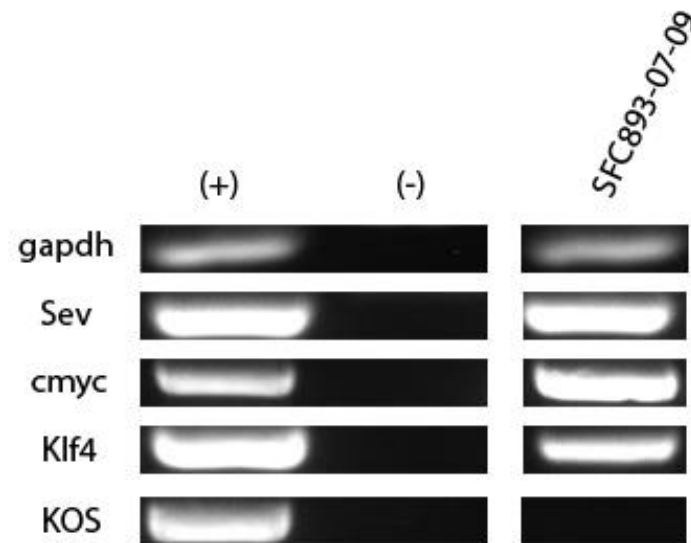
X10 (magnification)



X5 (magnification)







Sendai clearance:  
according to WP3 SOP15  
detectable at passage 20



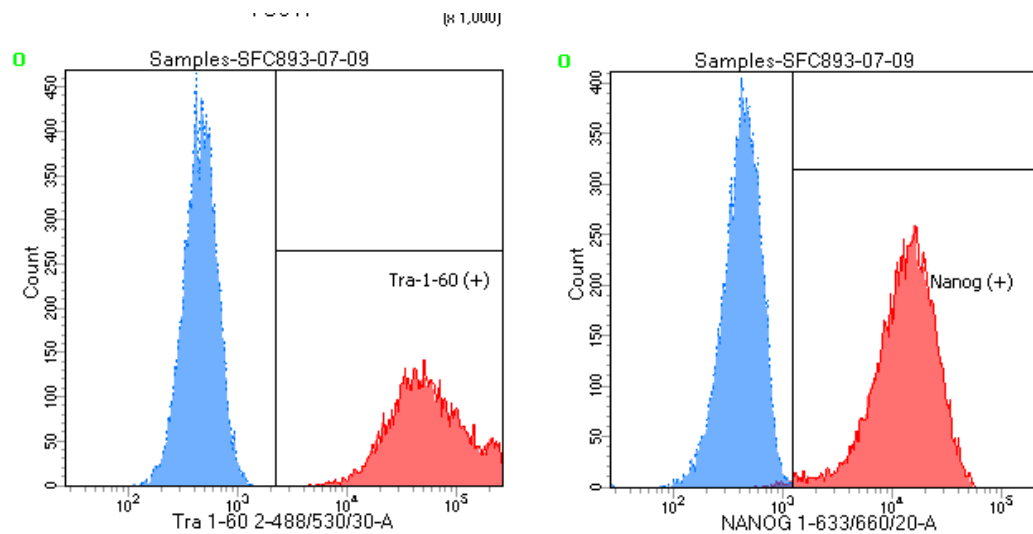
# Mycoplasma test:

## According to MycoAlert Lonza LT07-318

### Undetectable at passage 20

			Positive Control	Negative Control	Cell name	SFC893-07-09
> 1.2		Mycoplasma Contaminated				
0.9-1.2		Status Unknown - Restest within 24 hours	0.053	0.062	A	0.018
0-0.9		Mycoplasma Free	0.963	0.010	B	0.002
			18.068	0.166	B/A	0.131

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



Tube: SFC893-07-09

Population	#Events	%Parent	%Total
■ All Events	20.000	####	100.0
■ Cells	10,087	50.4	50.4
☒ Tra-1-60 (+)	10,087	100.0	50.4
☒ Nanog (+)	9,971	98.9	49.9
■ Samples/893UN/All Events	20,000	####	100.0
■ Samples/893UN/P1	10,240	51.2	51.2

# SNP analysis

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

- Passage 20
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected
- For details and raw data see StemDB