Certificate of analysis

SFC888-07-03

Signature: Dario Melguizo Sanchis

Date: 12.06.2015

Supervisor signature: Linda Lako

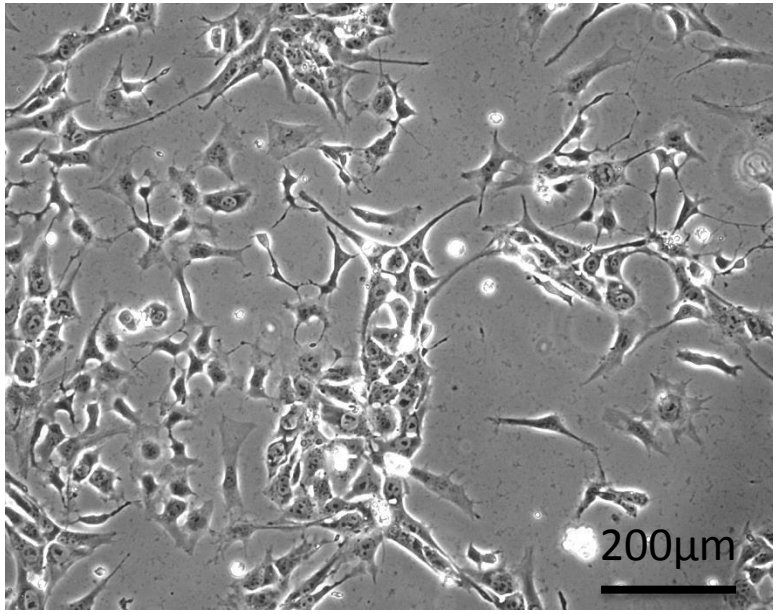
Date: 12.06.2015

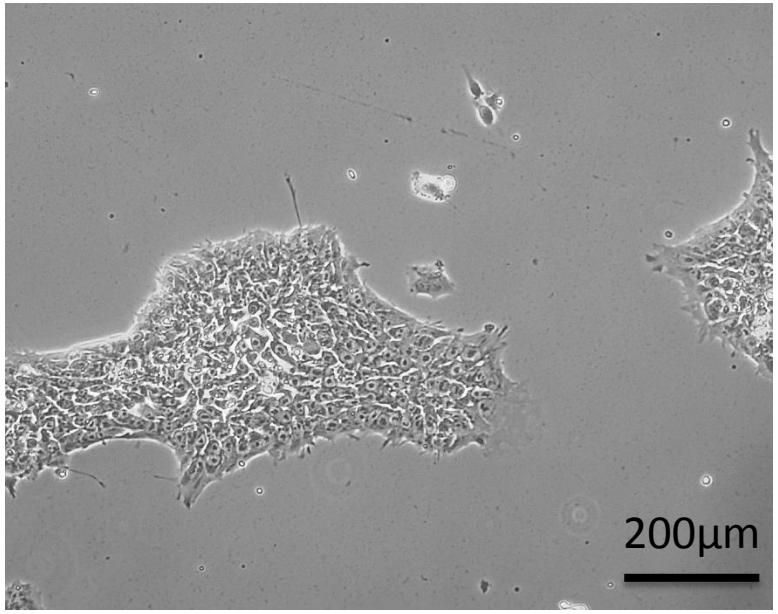
Source of fibroblasts and reprogramming information

- SF888 from UOXF 01/15
- Reprogrammed at UNEW ISV
- Reprogrammed on 17/02/2015 at passage 8
- Cytotune v2 WP3 SOP22

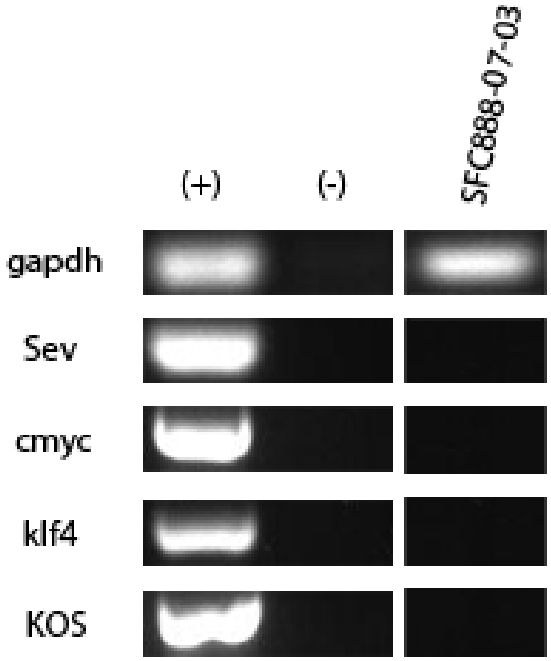
Viability post-thaw and Morphology according to SOP19 passage 11

- Cell count immediately post-thaw 1.6 x 10^6
- Viability immediately post-thaw 92%
- Photo at 24h post thaw (left) and 3d after ReLSR passaging (right):





Sendai clearance: according to WP3 SOP15 undetectable at passage 11

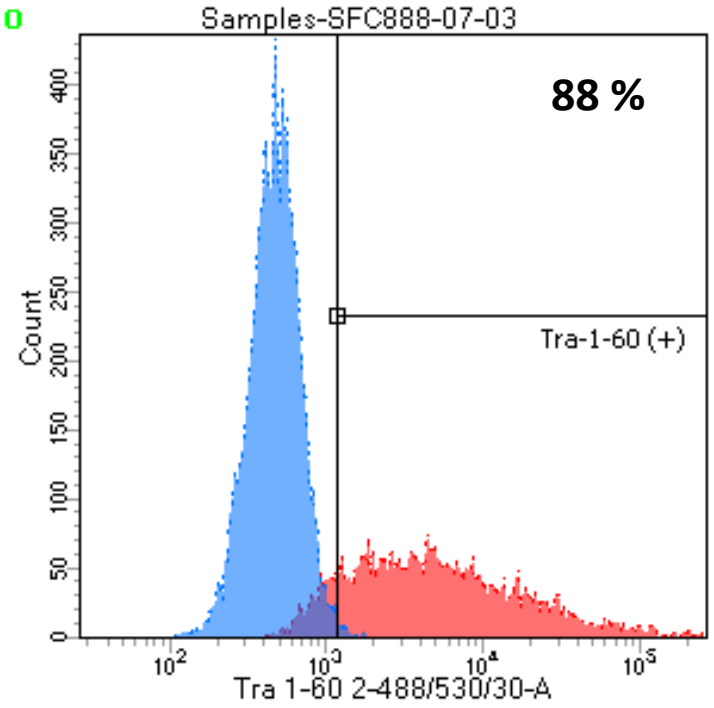


Mycoplasma test:
Undetectable at passage 11

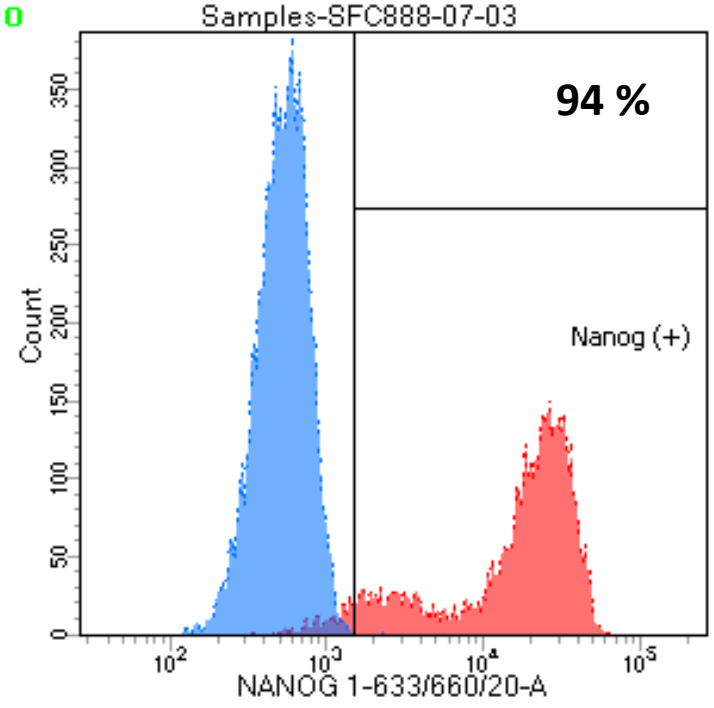
Owner	DM					
Date	08/06/2015					
Cell name	SFC888-07-03					
A	0.0249					
B	0.01					
B/A	0.401606426					
> 1.2		Mycoplasma Contaminated			Positive Control	Negative Control
0.9-1.2		Status Unknown - Restest within 24 hours			0.0231	0.0862
0-0.9		Mycoplasma Free			1.769	0.0062
					76.58008658	0.071925754

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

Tra-1-60:



NANOG:



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

- Passage 11
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: Chr17 and Chr22 allelic imbalance which is not present in parental fibroblasts
- For details and raw data see StemDB

Comments

- Thawing in 2 wells of 6 well-plate recommended
- Clone prone to differentiation (see flow results weak positive population (2^{nd} peak)) > ReLESR Passaging after thawing recommended
  - Add 1ml ReLESR, incubate for 3 min at 37˚C
  - Remove ReLESR
  - Add medium **dropwise** to collect undifferentiated cells