

Certificate of analysis

SFC816-03-08

Signature: Majlinda Lako

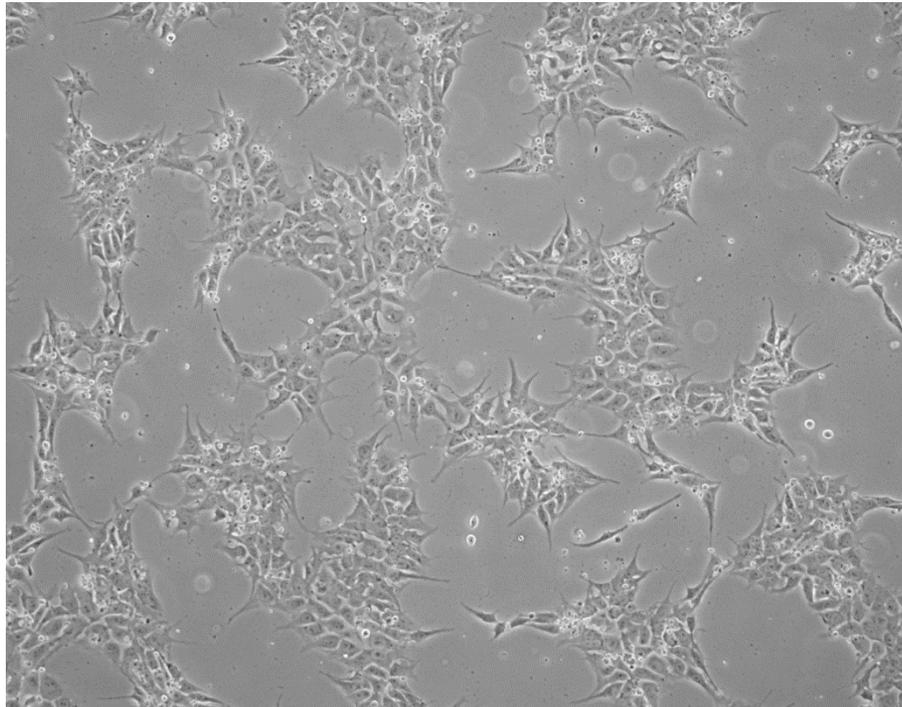
Date: 03.09.2014

Source of fibroblasts and reprogramming information

- SF816-03 from UOXF, April 2013
- Reprogrammed at UNEW by Irene Sanchez
- Reprogrammed on 29/04/2014 at passage 9
- Cytotune v2 WP3 SOP22

Viability post-thaw and Morphology according to SOP19 passage 12

- Cell count immediately post-thaw 1.97×10^6
- Viability immediately post-thaw 87%
- Photo at 24h post-thaw (x5 magnification):



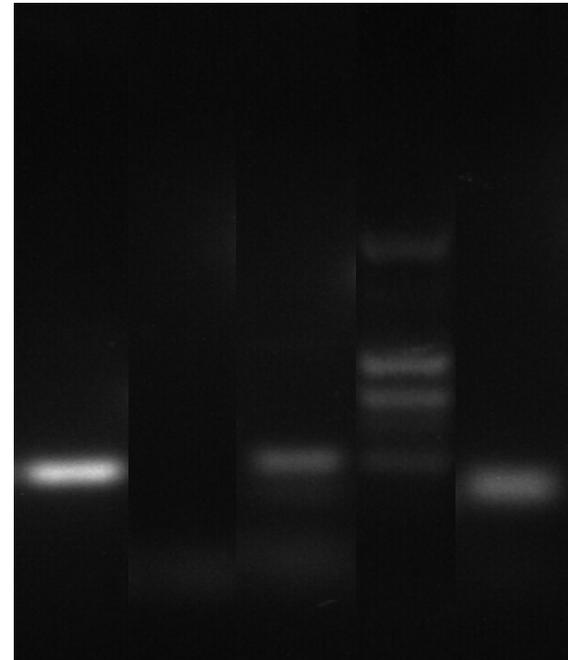
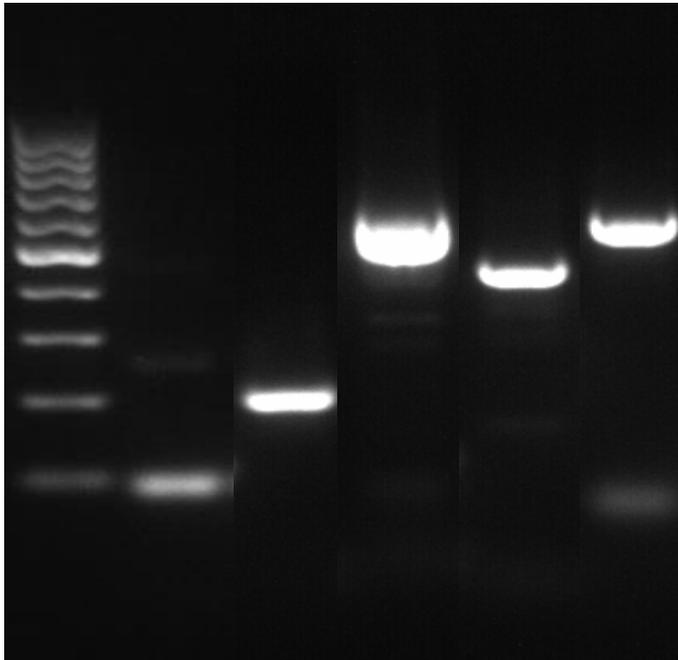
Sendai clearance: according to WP3 SOP15 undetectable at passage 6

Positive Control

SFC816-03-08

1 2 3 4 5

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1 = GAPDH ; 2 = SeV ; 3 = c-Myc ; 4 = Klf4 ; 5 = KOS

Mycoplasma test:

According to MycoAlert Lonza LT07-318

Undetectable at passage 8

Sample	SFC816-03-08	Positive Control	Negative Control
A	0.0259	0.0499	0.0879
B	0.0076	1.367	0.0116
B/A	0.293436293	27.39478958	0.131968146

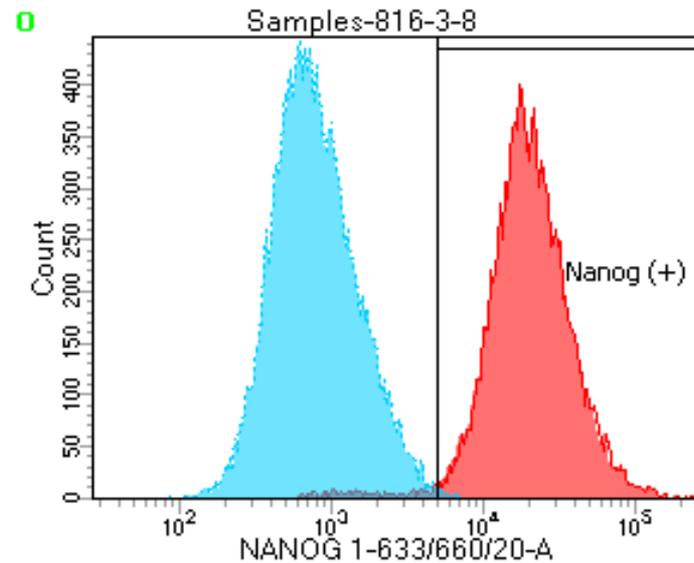
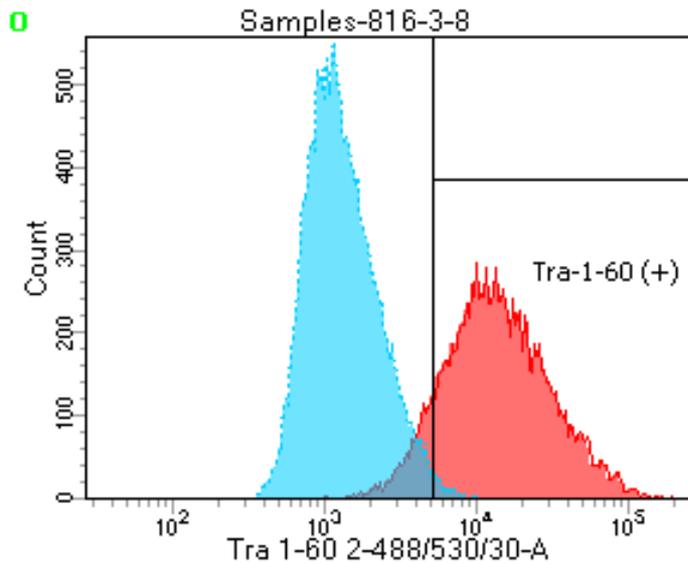
Ratio results mean

0-0.9	Mycoplasma Free
0.9-1.2	Status unknown - Retest within 24 hours
> 1.2	Mycoplasma Contaminated

Flow cytometric analysis according to WP3 SOP 20 and 21 passage 12

Tra-1-60: 87.9%

NANOG: 96.4%



SNP analysis

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

- Passage 12
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected
- For details and raw data see StemDB when ready