

Certificate of analysis

SFC021-03-01

Signature: Katja Gassner Date: 06.10.2014

Supervisor signature: Lyle Armstrong

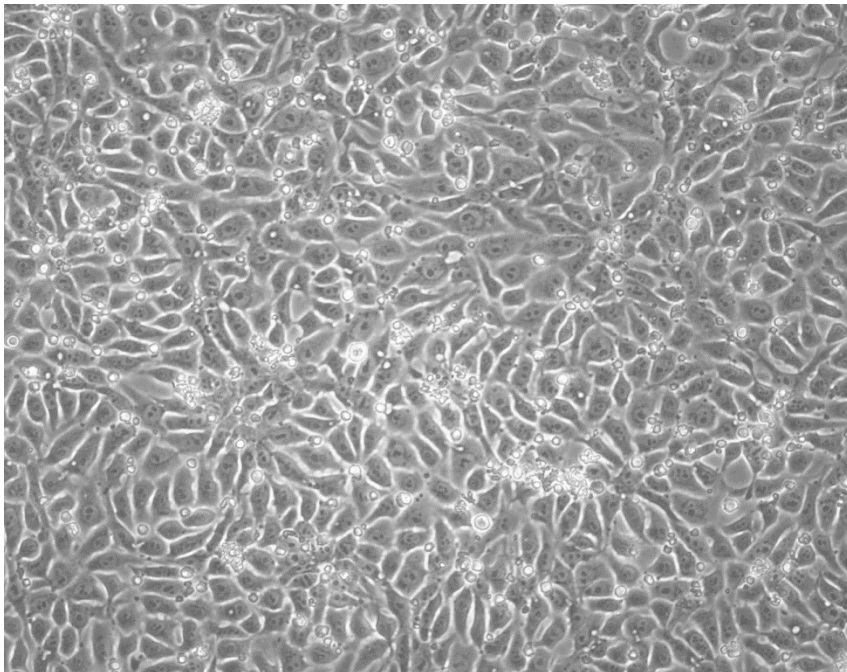
Date: 06.10.2014

Source of fibroblasts and reprogramming information

- SF021 from Glostrup
- Reprogrammed at UNEW
- Reprogrammed on 26/01/2014 at passage 8
- Cytotune 2

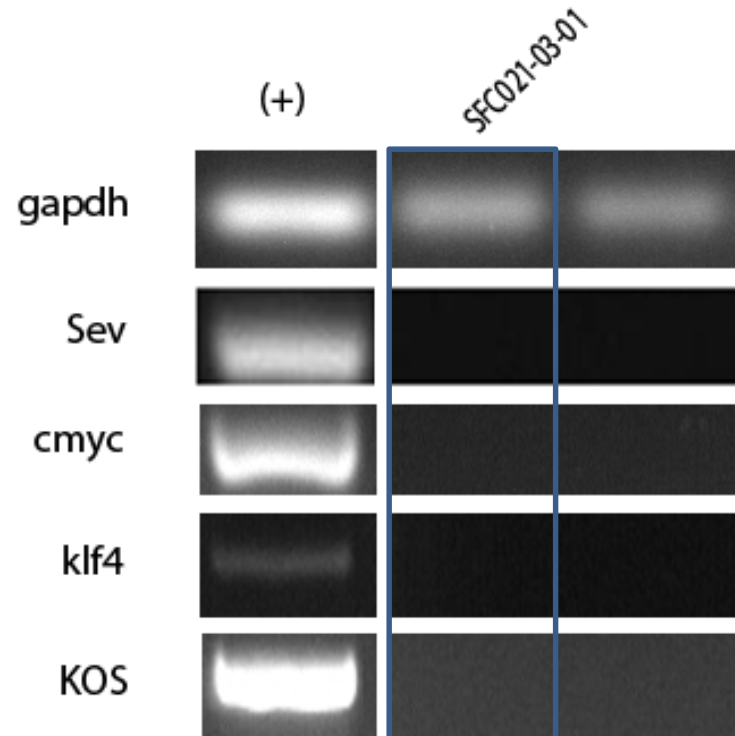
Viability post-thaw and Morphology according to SOP19 passage 13

- Cell count immediately post-thaw 2.2×10^6
- Viability immediately post-thaw 93%
- Photo at 24h post-thaw:
 - Accutase treatment promotes differentiation but cells came back to iPS morphology after 2 days post-thaw



#	Primer
1	GAPDH
2	SeV
3	KOS
4	KLF4
5	c-MYC

Sendai clearance:
according to WP3 SOP15
undetectable at passage 12



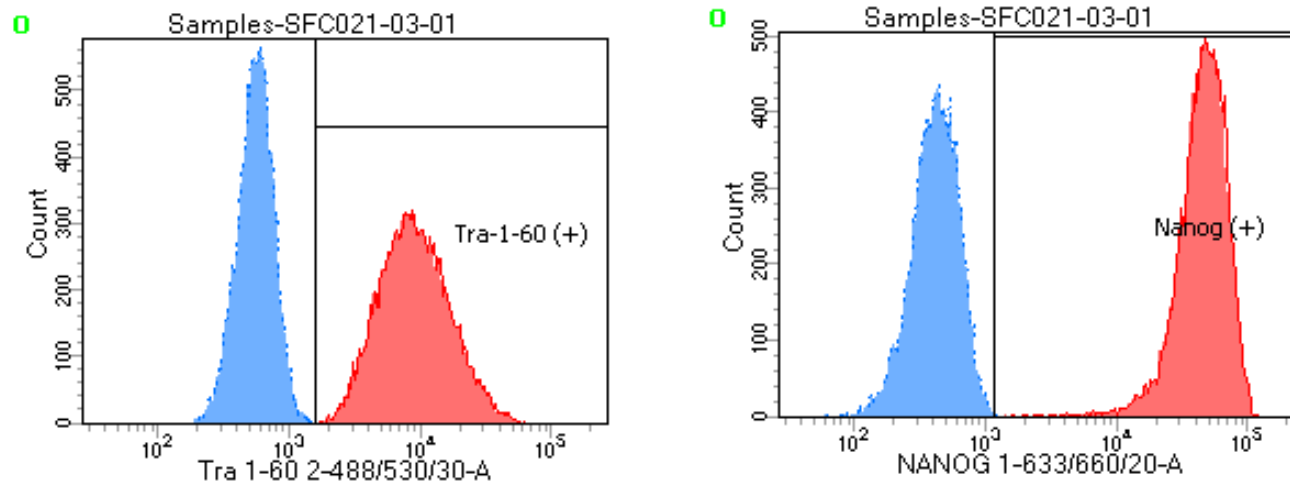
Mycoplasma test:

According to MycoAlert Lonza LT07-318

Undetectable at passage 13

Owner	Katja					
Date	22/09/2014					
Cell name	21-01					
A	0.0245					
B	0.007					
B/A	0.285714286					
0-0.9		Mycoplasma Contaminated			Positive Control	Negative Control
0.9-1.2		Status Unknown - Restest within 24 hours				
> 1.2		Mycoplasma Free			0.0619	0.0671
					1.481	0.0065
					23.92568659	0.096870343

Flow cytometric analysis according to WP3 SOP 20 and 21 passage 13



Tube: SFC021-03-01

Population	#Events	%Parent	%Total
All Events	20,000	####	100.0
Cells	13,734	68.7	68.7
Tra-1-60 (+)	13,723	99.9	68.6
Nanog (+)	13,703	99.8	68.5
Samples/KG uN/All Events	20,000	####	100.0
Samples/KG uN/P1	12,294	61.5	61.5

SNP analysis

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

- Passage 13
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities none
- For details and raw data see StemDB