

Certificate of analysis

SFC055-04-01

Signature: Katja Gassner Date: 11.12.2014

Supervisor signature: Lyle Armstrong

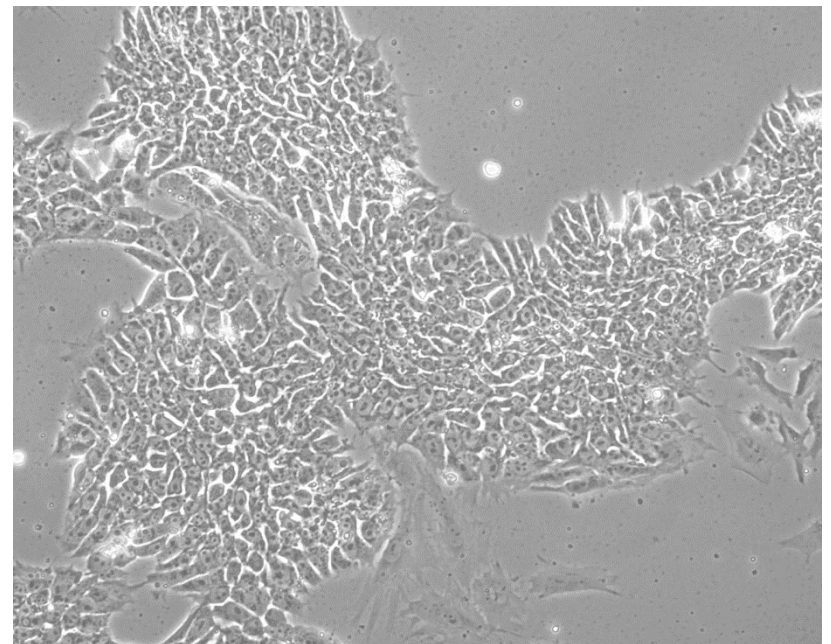
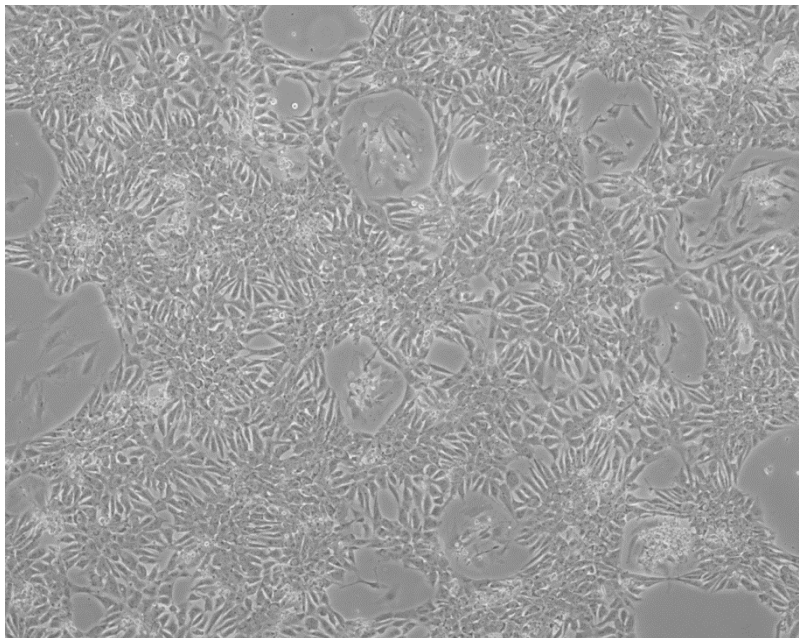
Date: 11.12.2014

Source of fibroblasts and reprogramming information

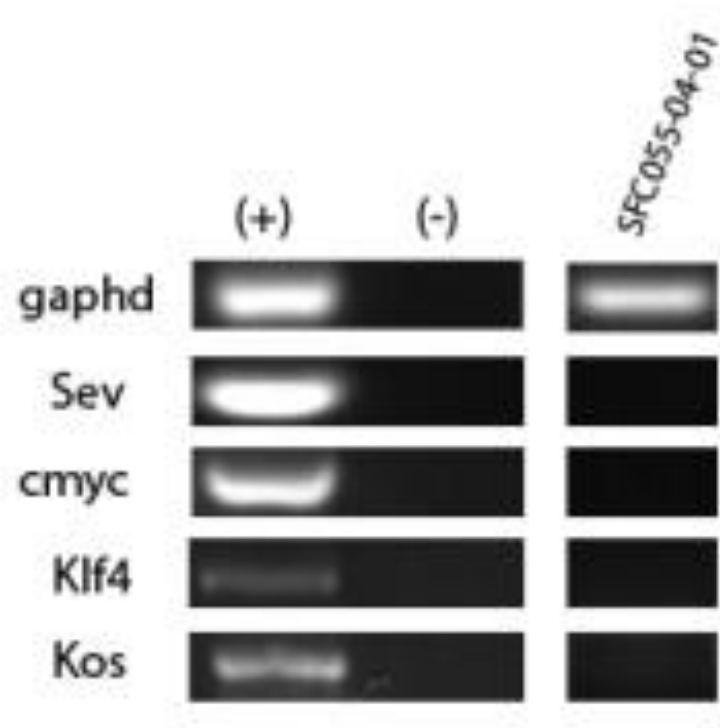
- SF055 from UOXF
- Reprogrammed at UNEW
- Reprogrammed on 21/03/2014 at passage 7
- Cytotune 2

Viability post-thaw and Morphology according to SOP19 passage 14

- Cell count immediately post-thaw 1.8×10^6
- Viability immediately post-thaw 87%
- Photo at 24h and 5 days post-thaw:



Sendai clearance:
according to WP3 SOP15
undetectable at passage 14



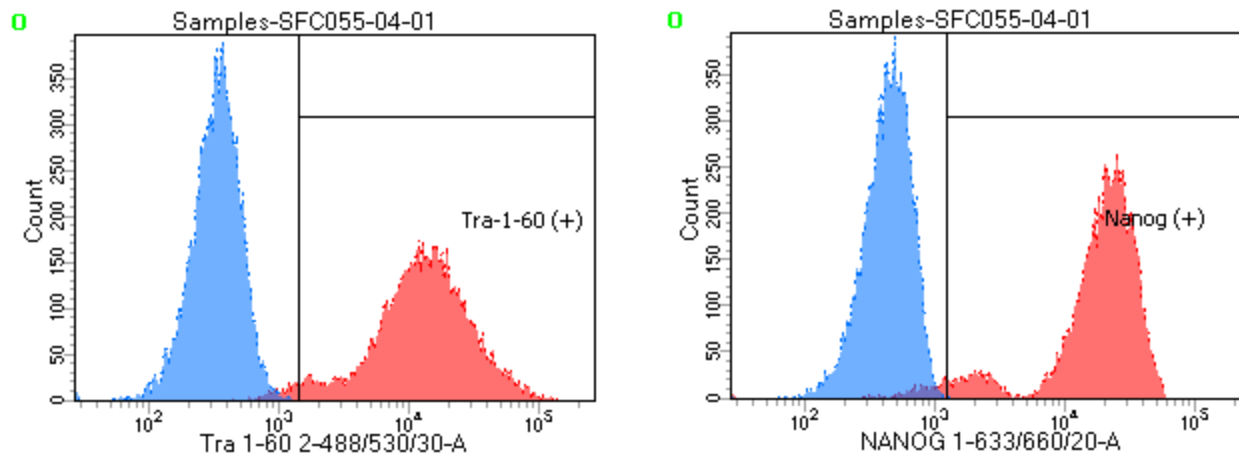
Mycoplasma test:

According to MycoAlert Lonza LT07-318

Undetectable at passage 14

Owner	KG				
Date	19/12/2014				
Cell name	SFC055-04-01				
A	0.0307				
B	0.017				
B/A	0.553745928				
> 1.2		Mycoplasma Contaminated		Positive Control	Negative Control
0.9-1.2		Status Unknown - Restest within 24 hours		0.0536	0.0658
0-0.9		Mycoplasma Free		3.107	0.0102
				57.96641791	0.155015198

Flow cytometric analysis according to WP3 SOP 20 and 21 passage 14



Tube: SFC055-04-01

Population	#Events	%Parent	%Total
■ All Events	20,000	####	100.0
■ Cells	8,839	44.2	44.2
☒ Tra-1-60 (+)	8,532	96.5	42.7
☒ Nanog (+)	8,425	95.3	42.1
■ Samples/KG UN/All Events	20,000	####	100.0
■ Samples/KG UN/P1	10,344	51.7	51.7

SNP analysis

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

- Passage 14
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected
- For details and raw data see StemDB

Comment

- Prone to differentiation
- RELESR passaging recommended or gentle EDTA passaging