

Certificate of analysis

SFC043-03-01

Signature: Katja Gassner Date: 06.10.2014

Supervisor signature: Lyle Armstrong

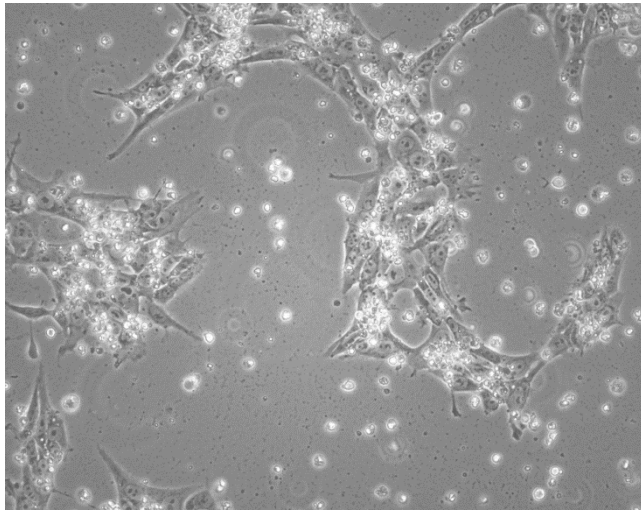
Date: 06.10.2014

Source of fibroblasts and reprogramming information

- SF043, Alzheimer's disease patient, biopsy taken in UOXF
- Reprogrammed at UNEW
- Reprogrammed on 04/02/2014 at passage 6
- Cytotune 2

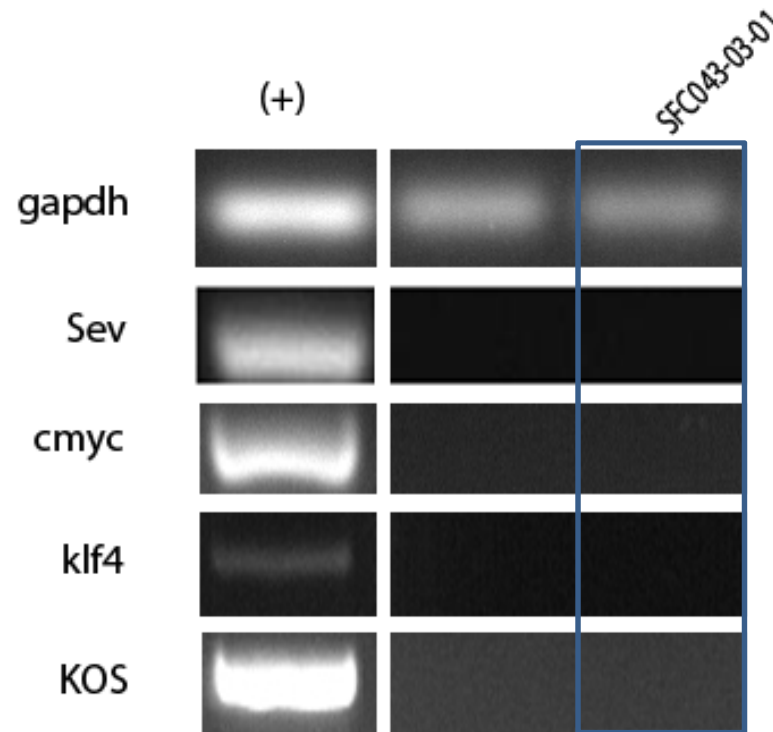
Viability post-thaw and Morphology according to SOP19 passage 20

- Cell count immediately post-thaw 1.7×10^6
- Viability immediately post-thaw 86%
- Photo at 24h post-thaw:



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

Sendai clearance:
according to WP3 SOP20
undetectable at passage 5



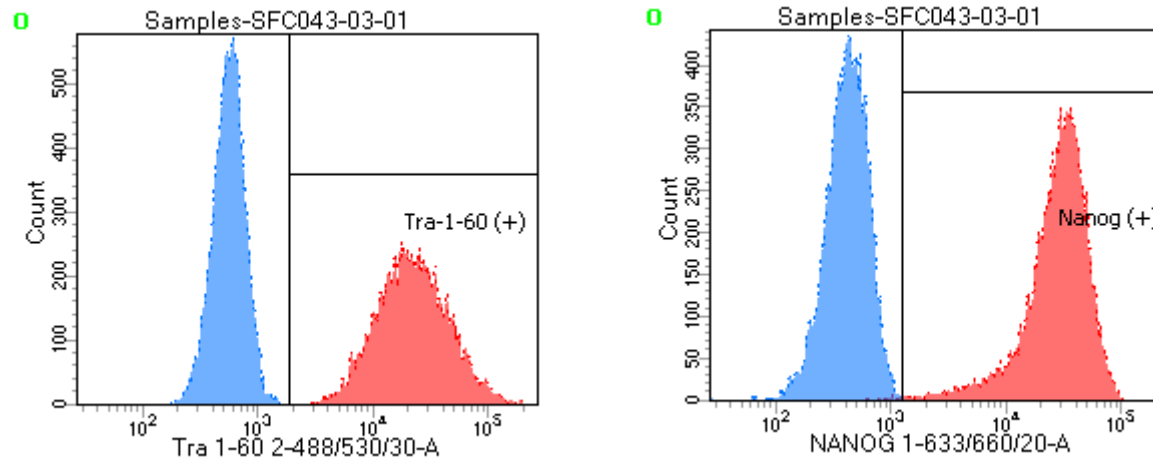
Mycoplasma test:

According to MycoAlert Lonza LT07-318

Undetectable at passage 20

Owner	Katja					
Date	23/09/2014					
Cell name	43-01					
A	0.017					
B	0.0064					
B/A	0.376470588					
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 20



Tube: SFC043-03-01

Population	#Events	%Parent	%Total
■ All Events	20,000	####	100.0
■ Cells	11,972	59.9	59.9
☒ Tra-1-60 (+)	11,966	99.9	59.8
☒ Nanog (+)	11,870	99.1	59.4
■ 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 20
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities none
- For details and raw data see StemDB