Certificate of analysis

SFC020-03-03

Signature: Katja Gassner Date: 03.09.2014

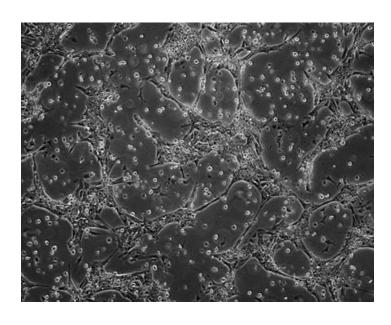
Supervisor signature: Lyle Armstrong Date: 03.09.2014

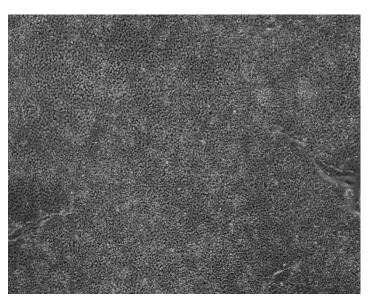
Source of fibroblasts and reprogramming information

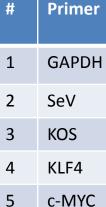
- SF020 from Glostrup
- Reprogrammed at UNEW
- Reprogrammed on 27/03/2014 at passage 9
- Cytotune 2

Viability post-thaw and Morphology according to SOP19 passage 18

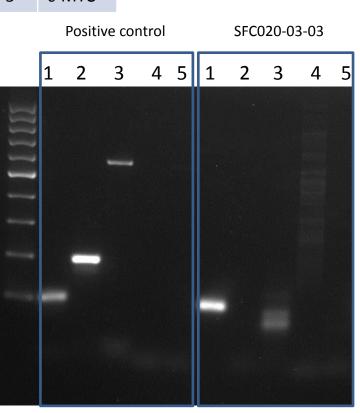
- Cell count immediately post-thaw 2.4 x 10⁶
- Viability immediately post-thaw 88%
- Photo at 24h and 5 days post-thaw:

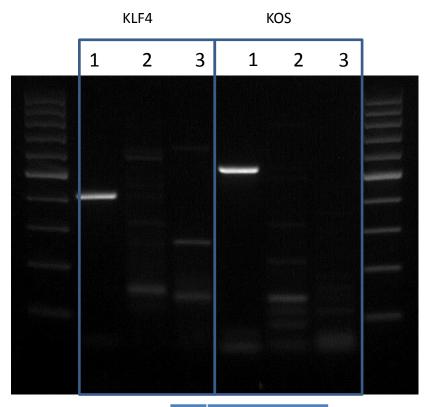






Sendai clearance: according to WP3 SOP15 undetectable at passage 18





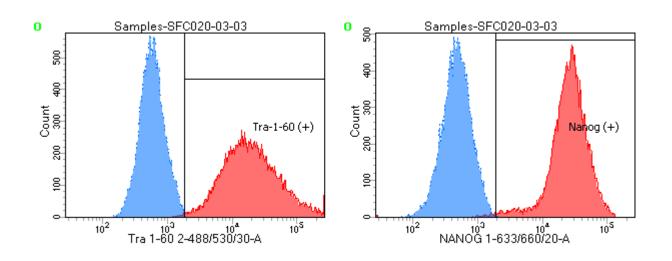
- KLF4 and Kos positive required a repeat →

#	Sample
1	Positive control
2	SFC020-03-03

Mycoplasma test: According to MycoAlert Lonza LT07-318 Undetectable at passage 18

User	KG						
Date	08/08/2014						
Sample	SFC020-03-03						
Α	0.0276	,					
В	0.0002						
B/A	0.007246377						
		0-0.9	Mycoplasma Free	1	Positive Control	Negative Co	ntrol
		0.9-1.2	Status unknown - Retest within 24 hours		0.0345	0.137	
		> 1.2	Mycoplasma Contaminated		0.3015	0.0159	
			1	, 	8.739130435	0.11605839	

Flow cytometric analysis according to WP3 SOP 20 and 21 passage 18



Tube: SFC020-03-03			
Population	#Events	%Parent	%Total
All Events	20,000	####	100.0
Cells	16,503	82.5	82.5
⊠ Tra-1-60 (+)	16,360	99.1	81.8
Nanog (+)	16,265	98.6	81.3
Samples/SFC020-03-03 Unstained	20,000	####	100.0
Samples/SFC020-03-03 Unstair	16,389	81.9	81.9

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

- Passage 18
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected
- For details and raw data see StemDB