



# Certificate of analysis

SFC844-03-12

Operator: Olga Perestenko

Date: 24/01/2017

Supervisor: Sally Cowley

Date: 14/07/2017

Signature:

*SACowley*

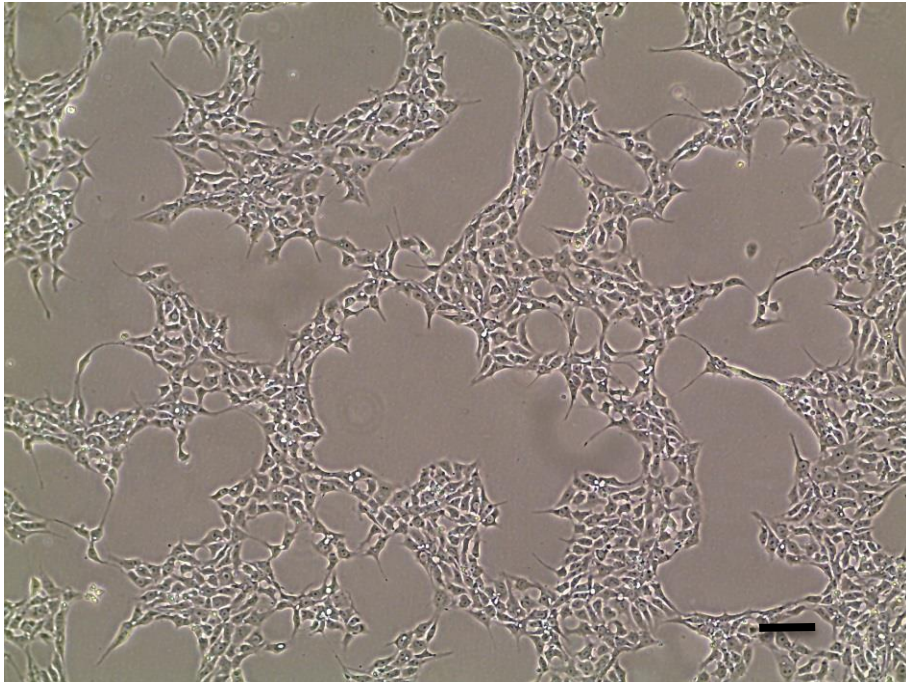
# Source of fibroblasts and reprogramming information

- SF844 from Oxford
- 02/07/2014
- Reprogrammed at UOXF-S
- Reprogrammed on 17/08/2016 at passage 3  
OP
- Cytotune v2 WP3 SOP10

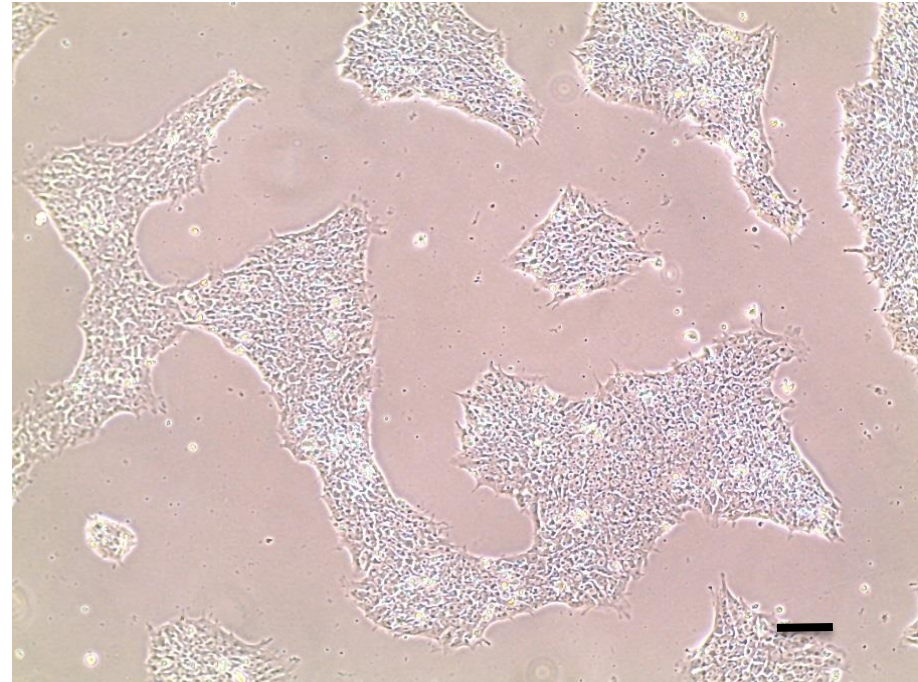
# Viability post-thaw and Morphology according to SOP19 passage 9

- Cell count immediately post-thaw  $3.32 \times 10^6$
- Viability immediately post-thaw 87.4%
- Photo at 24h and day 3 post-thaw (scale bar =  $100\mu\text{m}$ ):

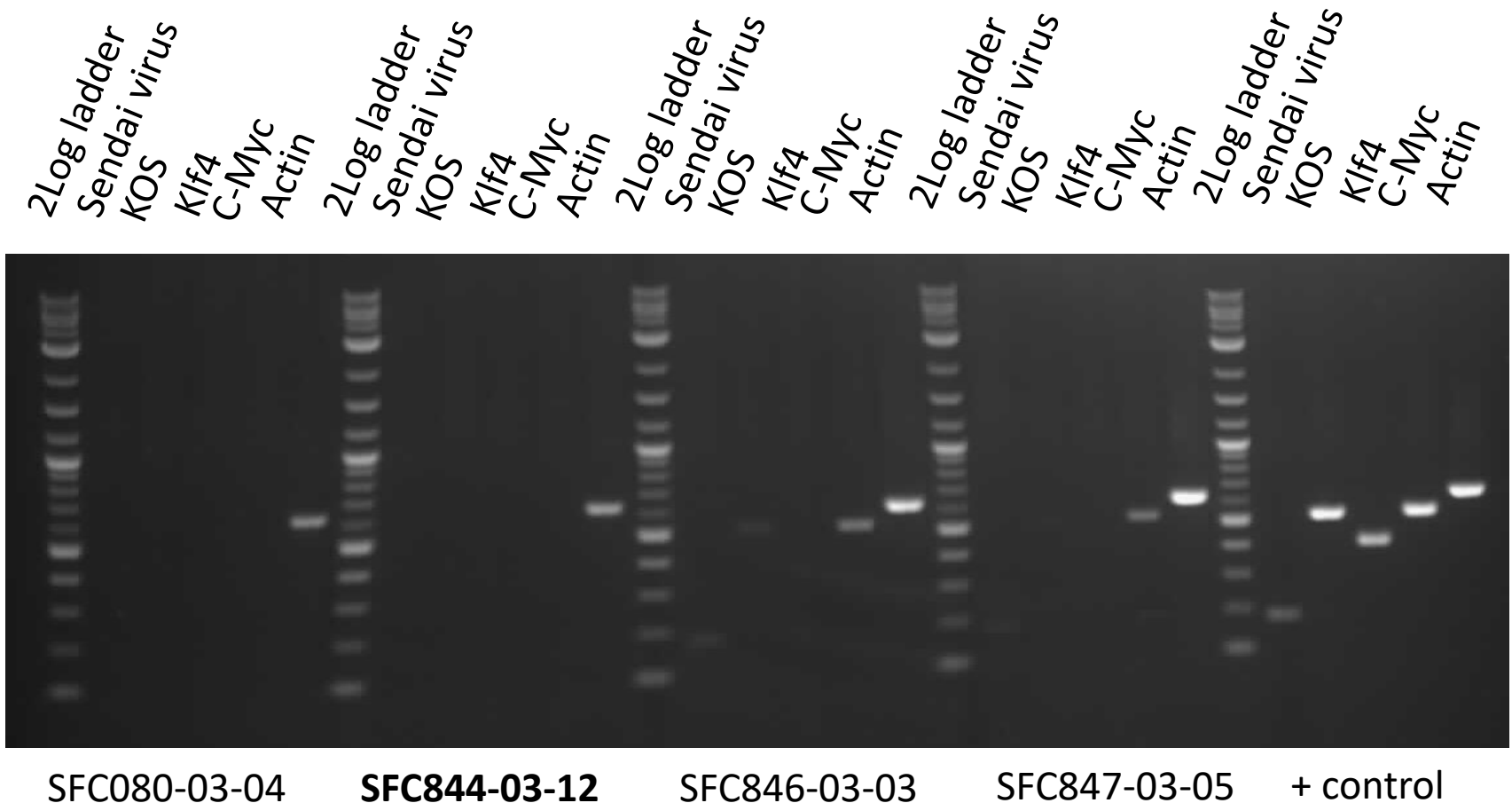
24h post-thaw 80% plated



Day 3 post-thaw 20% plated



# Sendai clearance: according to WP3 SOP15 undetectable at passage 9



Product sizes: SeV 181bp; KOS 528bp; SeV-Klf 410bp; SeV-Myc 532bp; Actin 623bp

# Mycoplasma Test:

## According to MycoAlert Lonza LT07-318 undetectable at passage 9

Sample	Clone	Passage number	Initial	Reading 1	Reading 2	Ratio/Status
+ve control				4.783	57.34	<b>11.99</b>
-ve control				3.195	0.075	<b>0.02</b>
1	SFC844-03-12	p11	OP	1.229	0.648	<b>0.53</b>

Results mean

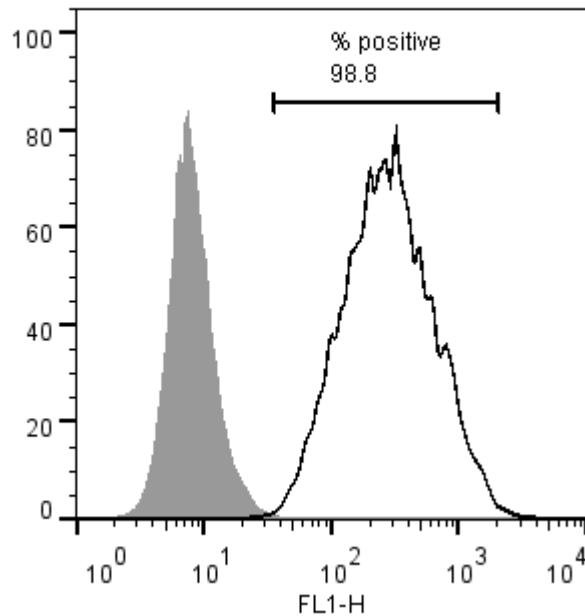
Ratio **0 - 0.999** negative for mycoplasma

Ratio **1 – 1.3** Borderline Result (retest required)

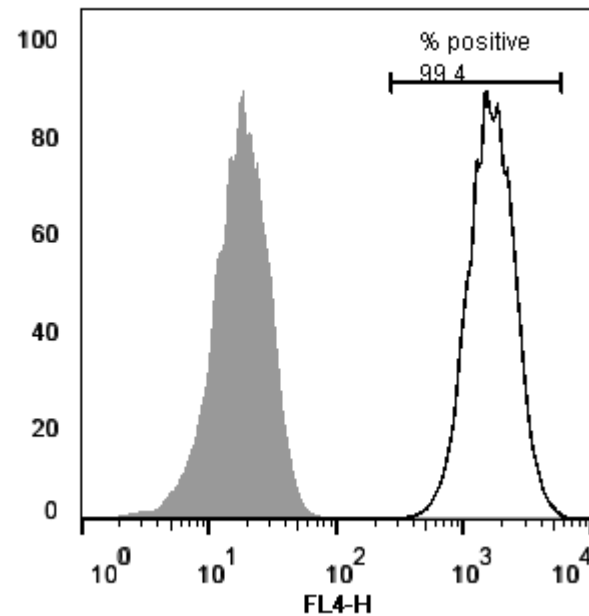
Ratio above **1.3** positive for mycoplasma

# Flow cytometric analysis according to WP3 SOP 20 and 21 passage p11

Tra-1-60:



NANOG:



# SNP analysis

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

- Passage 9
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected
- For details and raw data see StemDB