

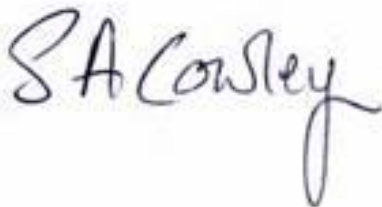


# Certificate of analysis

SFC845-03-11

Operator: C Browne, Olga Perestenko Date: 07/09/15

Supervisor: Sally Cowley Date: 01.03.2016

Signature: 

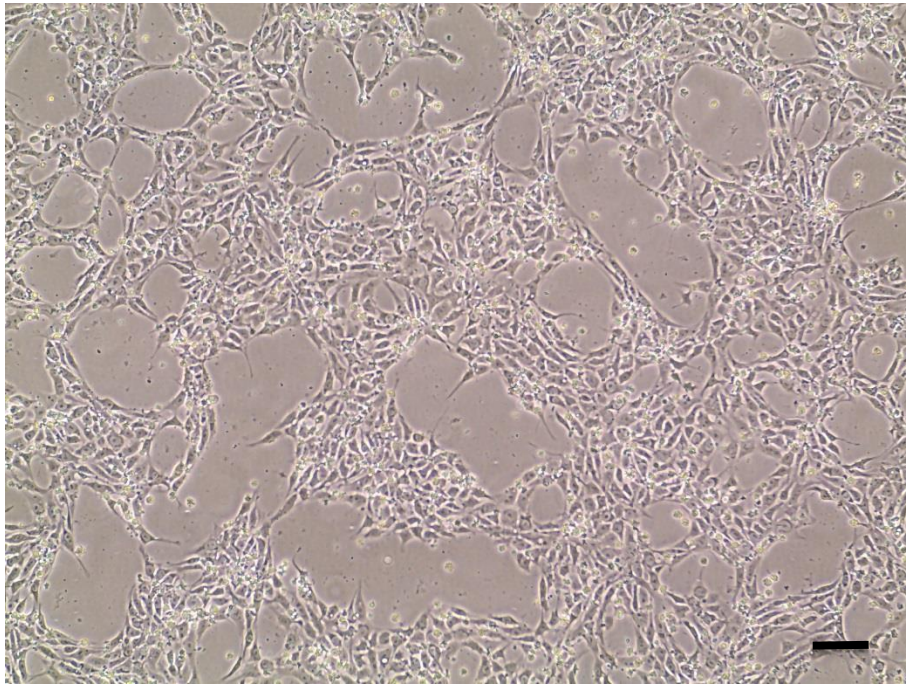
# Source of fibroblasts and reprogramming information

- SF845 from UOXF
- 15/07/2014
- Reprogrammed at UOXF S
- Reprogrammed on 19/03/15 at passage p5
- Cytotune v2 WP3 SOP10

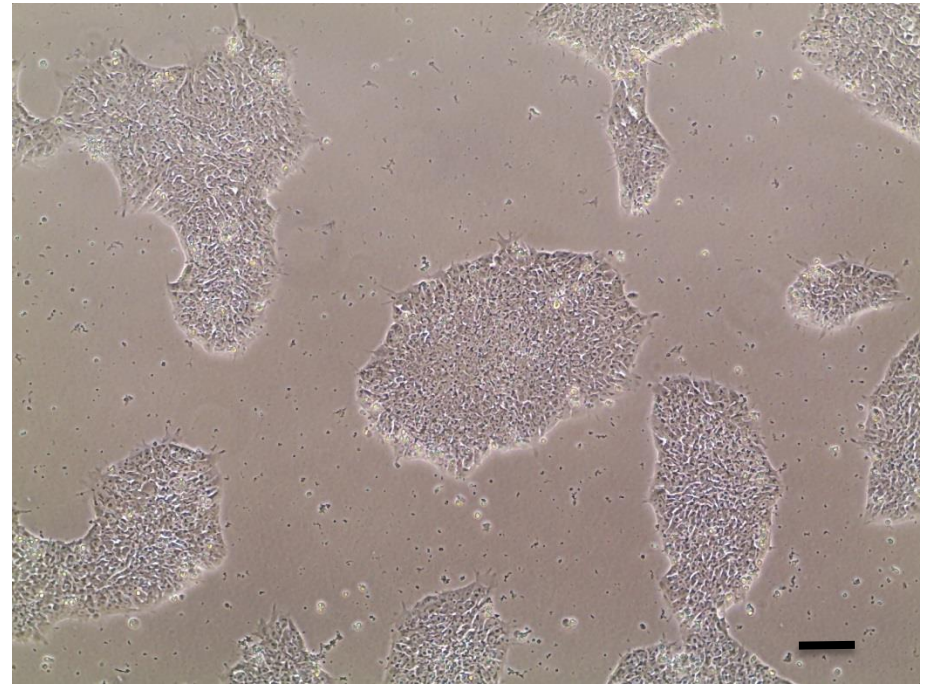
# Viability post-thaw and Morphology according to SOP19 passage p12

- Cell count immediately post-thaw  $4.02 \times 10^6$
- Viability immediately post-thaw 85%
- Photo at 24h & day 4 post-thaw (scale bar =  $100\mu\text{m}$ ):

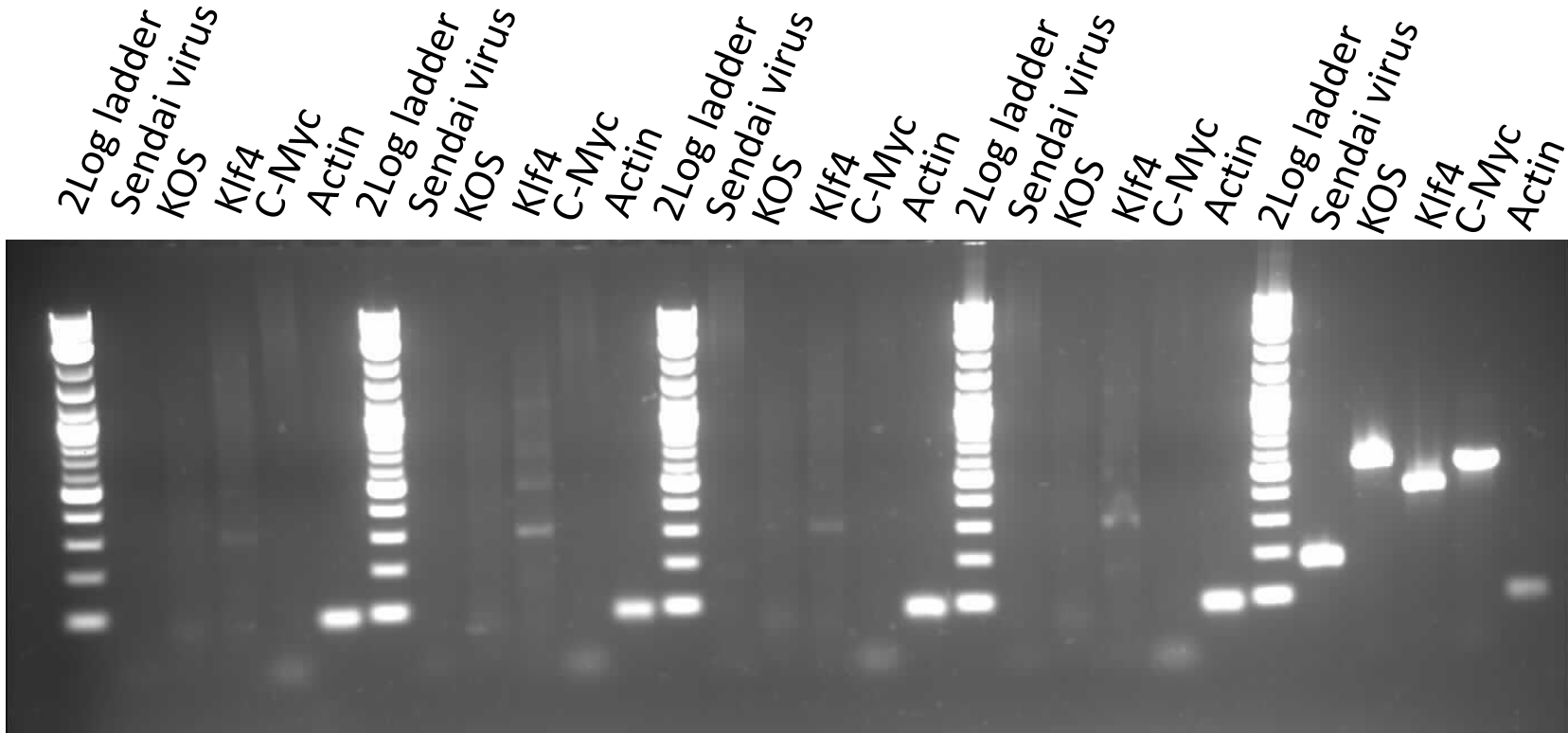
24h post-thaw 80% plated



Day 4 post-thaw 20% plated



# Sendai clearance: according to WP3 SOP15 undetectable at passage 12



SFC845-03-05

SFC845-03-09

**SFC845-03-11**

SFC830-04-08

+ control

Non-specific band is visible in Klf lane

Product sizes: SeV 181bp; KOS 528bp; SeV-Klf 410bp; SeV-Myc 532bp; Actin 92bp

# Mycoplasma Test:

## According to MycoAlert Lonza LT07-318 undetectable at passage p12

Sample	Clone	Passage number	Initial	Reading 1	Reading 2	Ratio/Status
+ve control				7.64	199.10	26.07
-ve control				9.31	0.60	0.06
	<b>SFC845-03-11</b>	p12	CB	4.80	2.23	0.47

Results mean

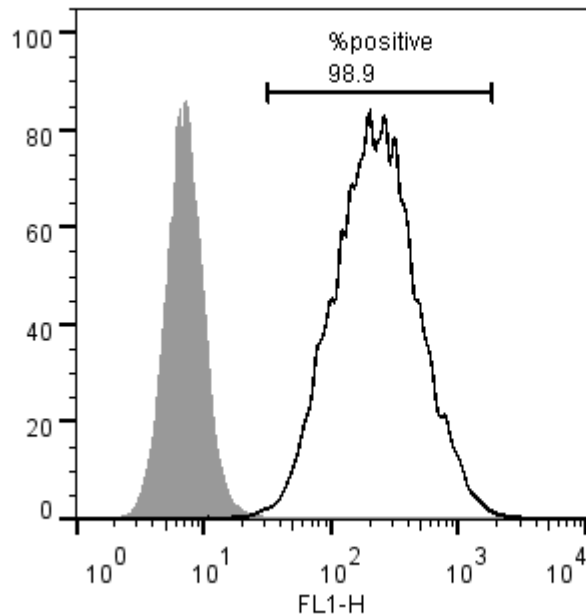
Ratio **0 - 0.999** negative for mycoplasma

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

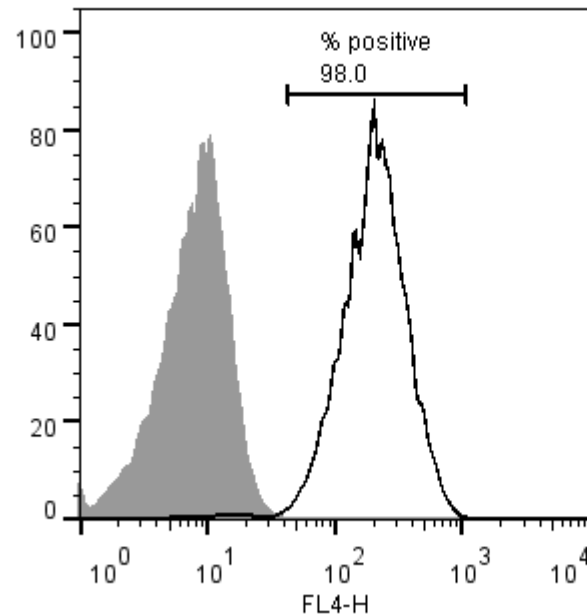
Ratio above **1.3** positive for mycoplasma

# Flow cytometric analysis according to WP3 SOP 20 and 21 passage p12

Tra-1-60:



NANOG:



# SNP analysis

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

- Passage p12
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected
- For details and raw data see StemDB