



Certificate of analysis

SFC847-03-08

Operator: C Browne

Date: 16/02/18

Supervisor: S Cowley

Date: 09/03/2020

Signature:

SACowley

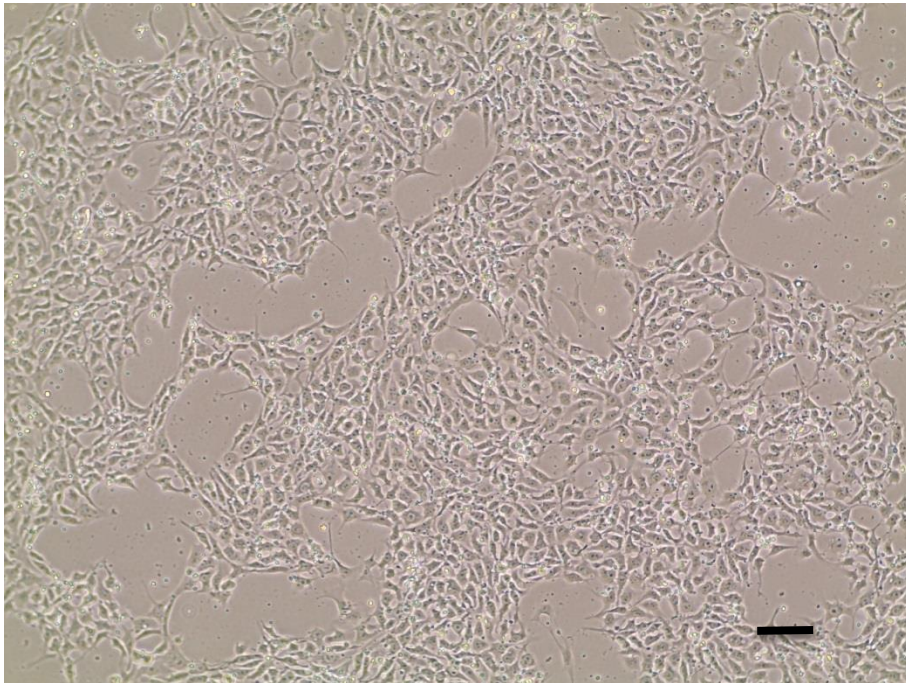
Source of fibroblasts and reprogramming information

- SF847 from UOXF Hospitals 15/07/2014
- Reprogrammed at UOXF-S
- Reprogrammed on 28/09/16 at passage 4/JV
- Cytotune v2 WP3 SOP10

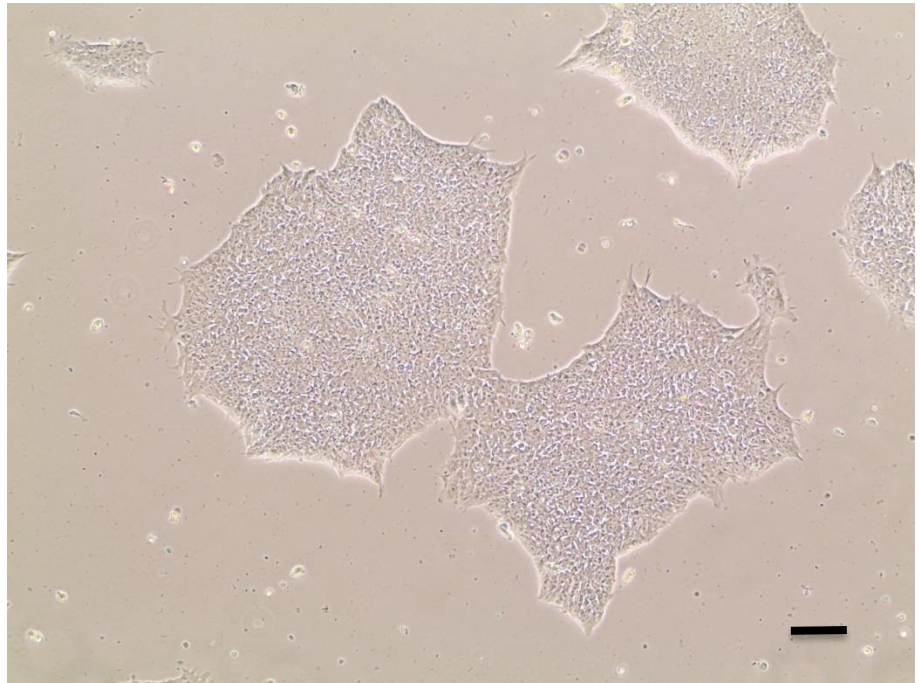
Viability post-thaw and Morphology according to SOP19 passage 10

- Cell count immediately post-thaw 1.74×10^6
- Viability immediately post-thaw 86.6%
- Photo at 24h and day 4 post-thaw (scale bar = $100\mu\text{m}$):

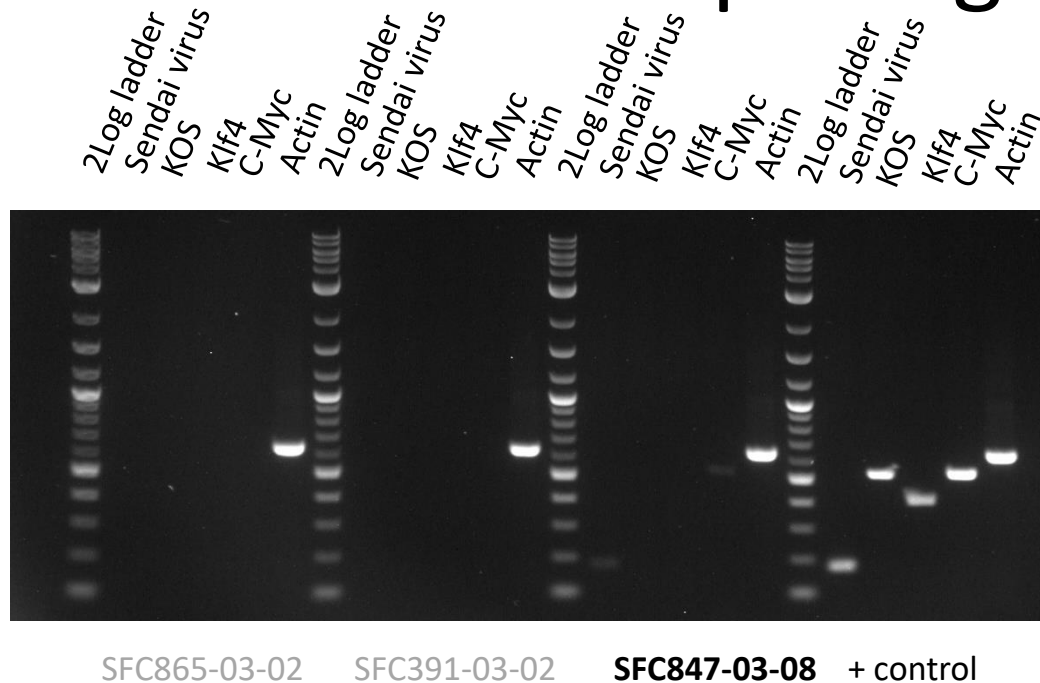
24h post-thaw 80% plated



Day 4 post-thaw 20% plated



Sendai Cytotune 2 clearance: according to WP3 SOP15 virus detected at passage 11



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 10

Sample	Clone	Passage number	Initial	Reading 1	Reading 2	Ratio/Status
+ve control				8.08	150.20	18.59
-ve control				6.76	0.58	0.09
13	SFC847-03-08	p10	CB	2.79	1.03	0.37

Results mean

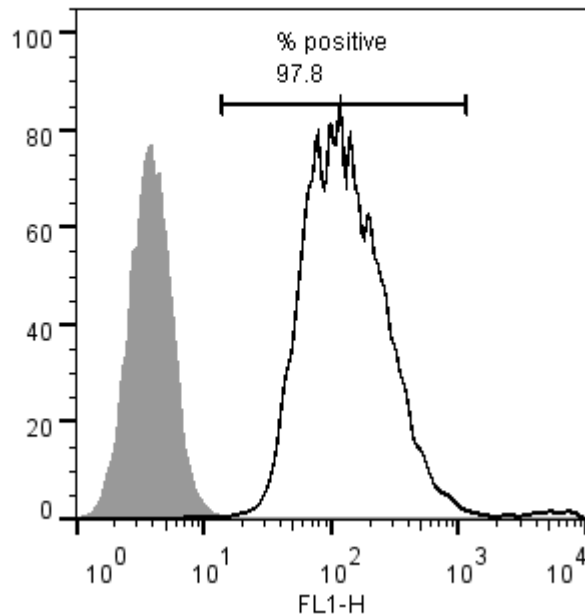
Ratio **0 - 0.999** negative for mycoplasma

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

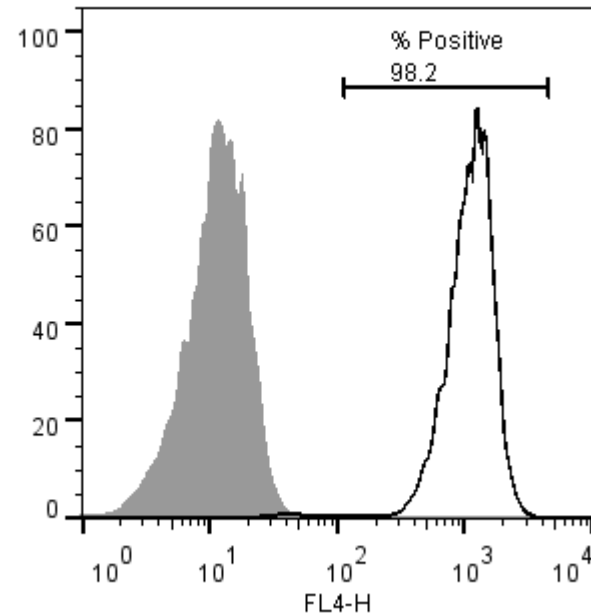
Ratio above **1.3** positive for mycoplasma

Flow cytometric analysis according to WP3 SOP 20 and 21 passage 10

Tra-1-60:



NANOG:



SNP analysis

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

- Passage 11
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected

