



Certificate of analysis

SFC138-03-05

Operator: Olga Perestenko

Date: 24/01/2017

Supervisor: Sally Cowley

Date: 14/07/2017

Signature:

SACowley

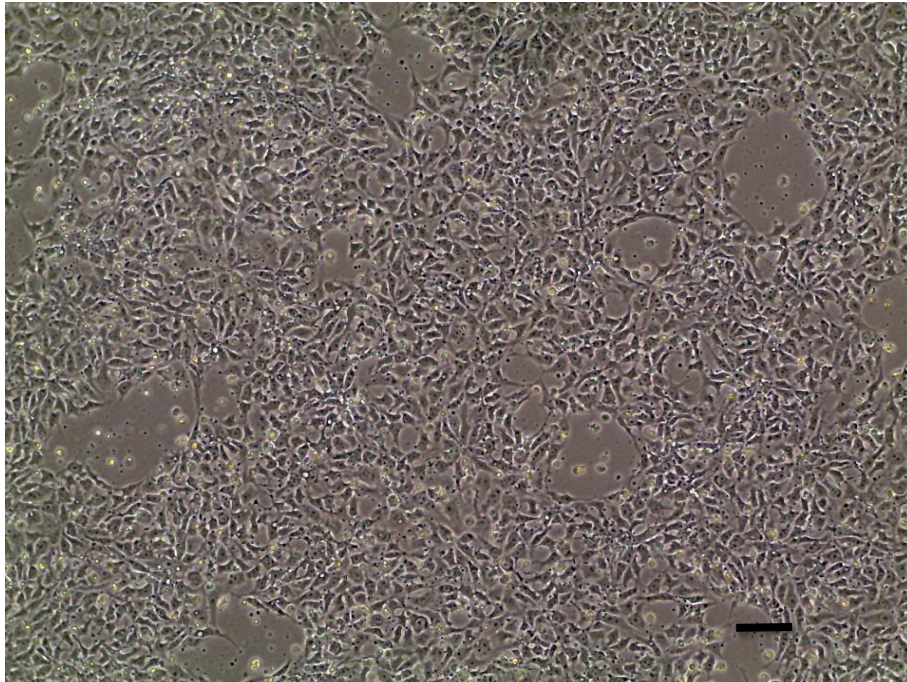
Source of fibroblasts and reprogramming information

- SF138 from Oxford
- 04/06/2014
- Reprogrammed at UOXF-S
- Reprogrammed on 08/06/2016 at passage 3 OP
- Cytotune v2 WP3 SOP10

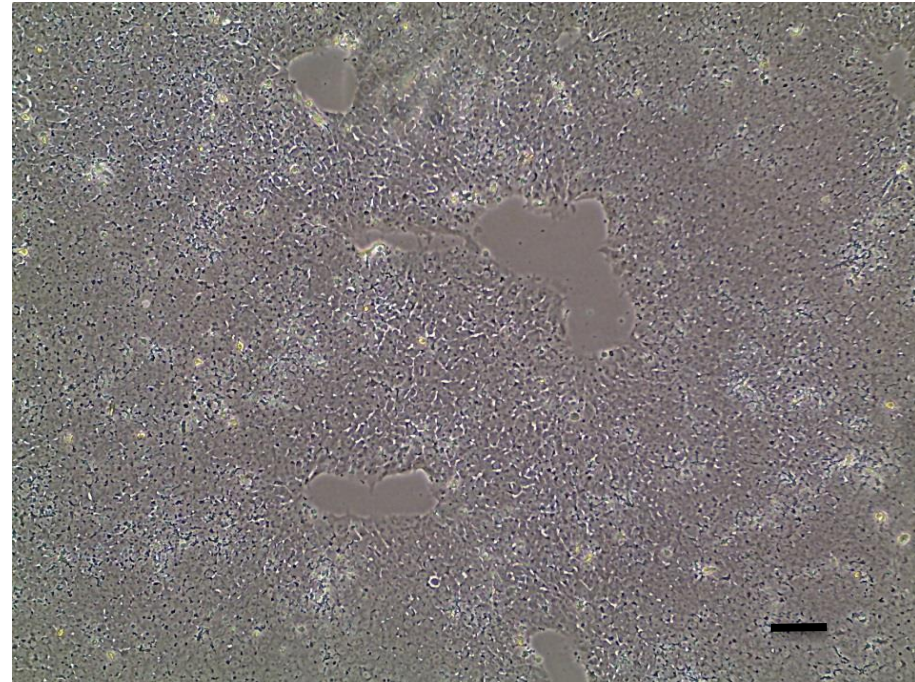
Viability post-thaw and Morphology according to SOP19 passage 10

- Cell count immediately post-thaw 1.84×10^6
- Viability immediately post-thaw 90.1%
- Photo at 24h and day 3 post-thaw (scale bar = $100\mu\text{m}$):

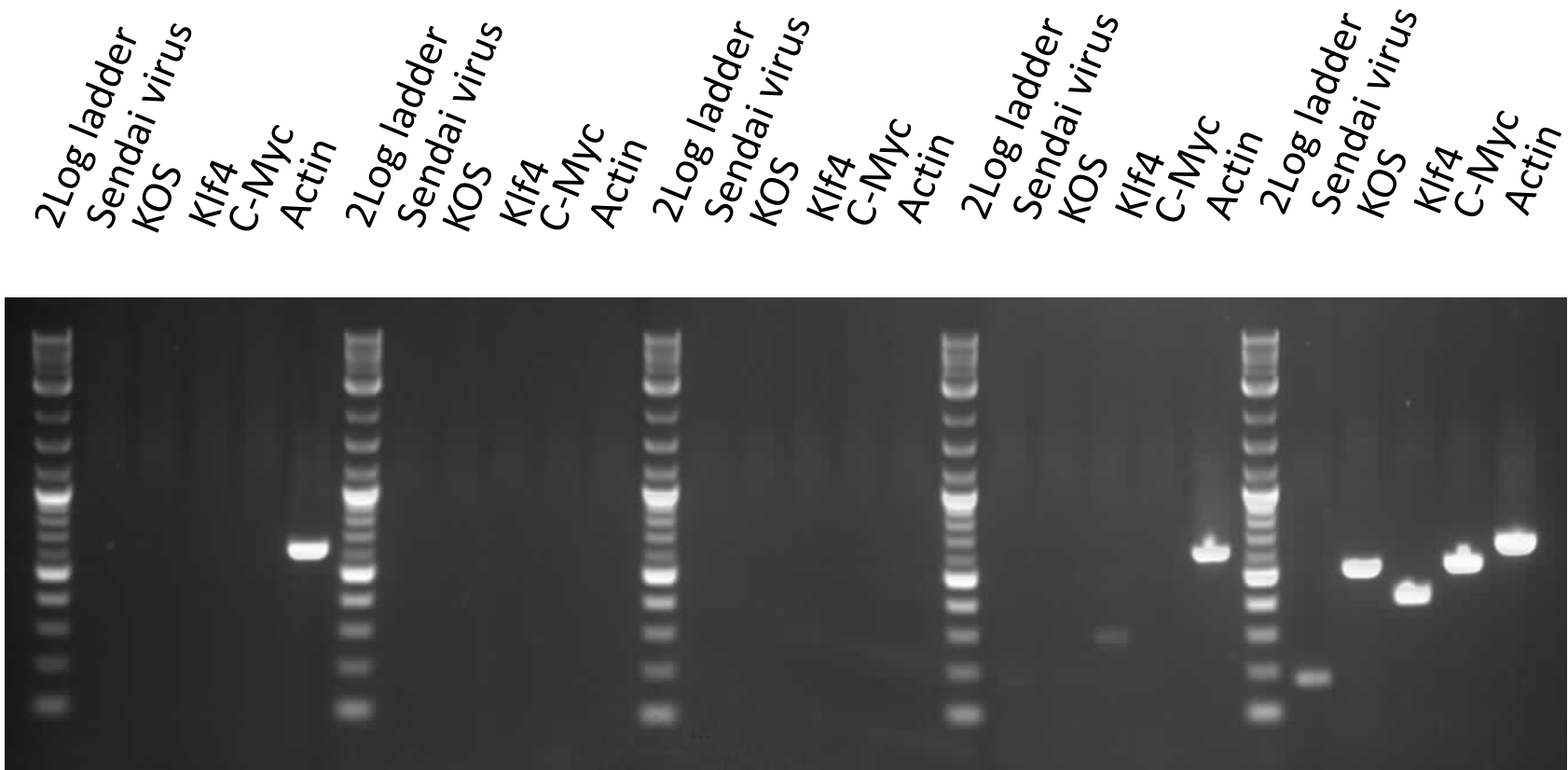
24h post-thaw 80% plated



Day 3 post-thaw 20% plated



Sendai clearance: according to WP3 SOP15 undetectable at passage 10



SFC138-03-05 No Reverse Transcriptase No RNA - control + control

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				3.437	247	71.86
-ve control				5.361	0.599	0.11
4	SFC138-03-05	p10	OP	2.154	0.931	0.43

Results mean

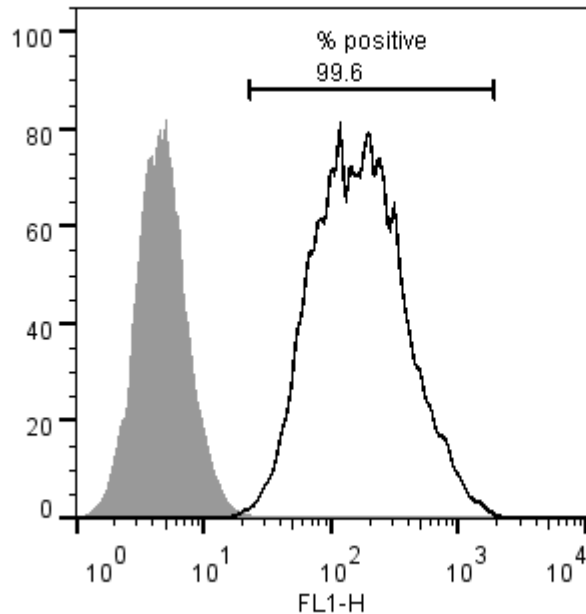
Ratio **0 - 0.999** negative for mycoplasma

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

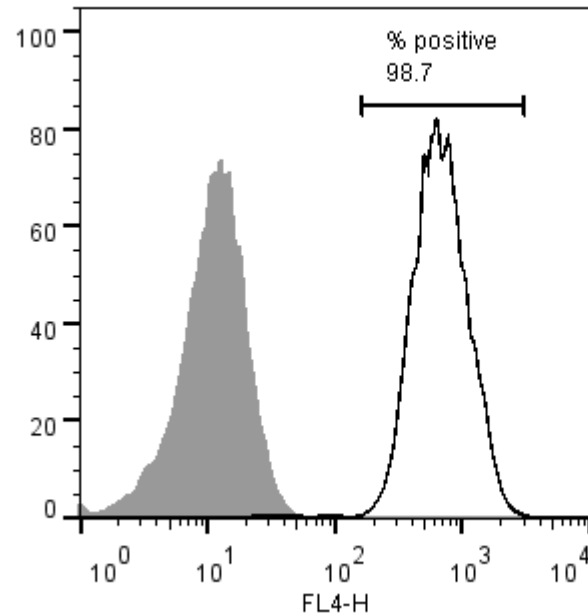
Ratio above **1.3** positive for mycoplasma

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 10
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected
- For details and raw data see StemDB