



Certificate of analysis

SFC845-03-09

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

Supervisor: Sally Cowley Date: 01.03.2016

Signature: *SACowley*

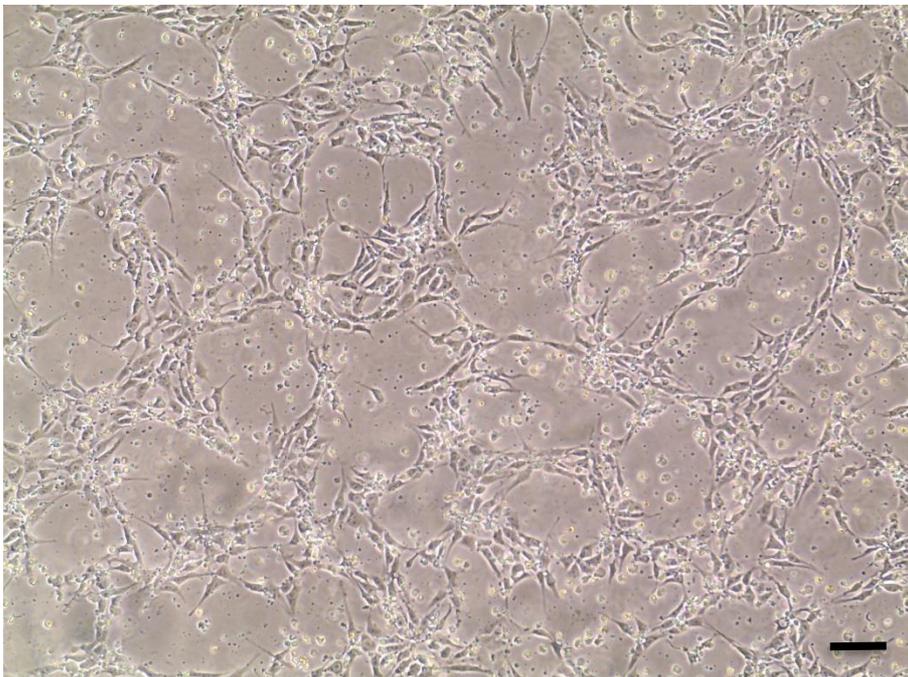
Source of fibroblasts and reprogramming information

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

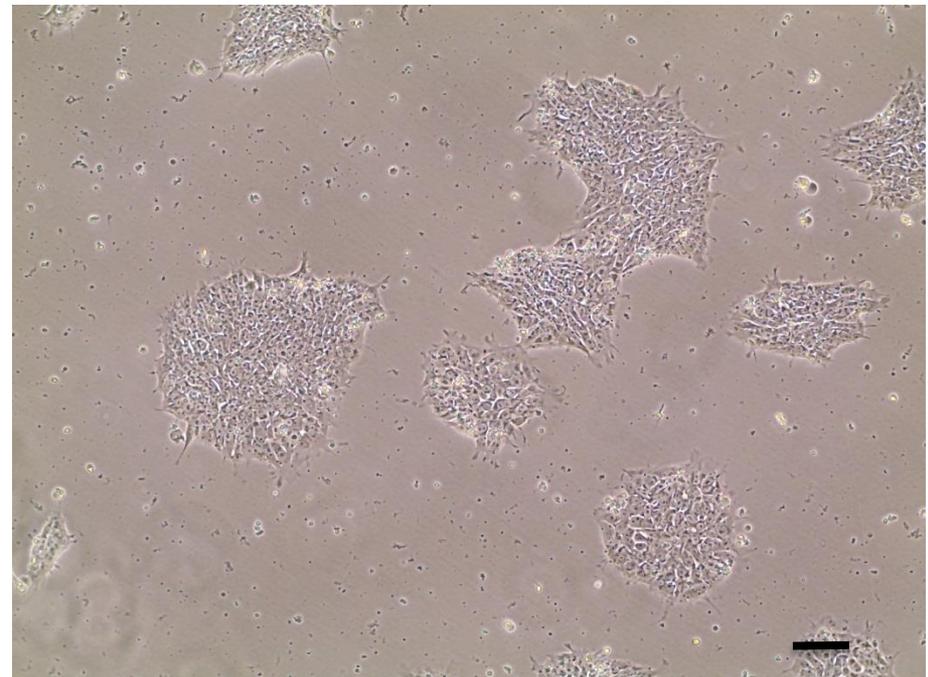
Viability post-thaw and Morphology according to SOP19 passage p15

- Cell count immediately post-thaw 2.88×10^6
- Viability immediately post-thaw 74%
- Photo at 24h & day 4 post-thaw (scale bar = $100\mu\text{m}$):

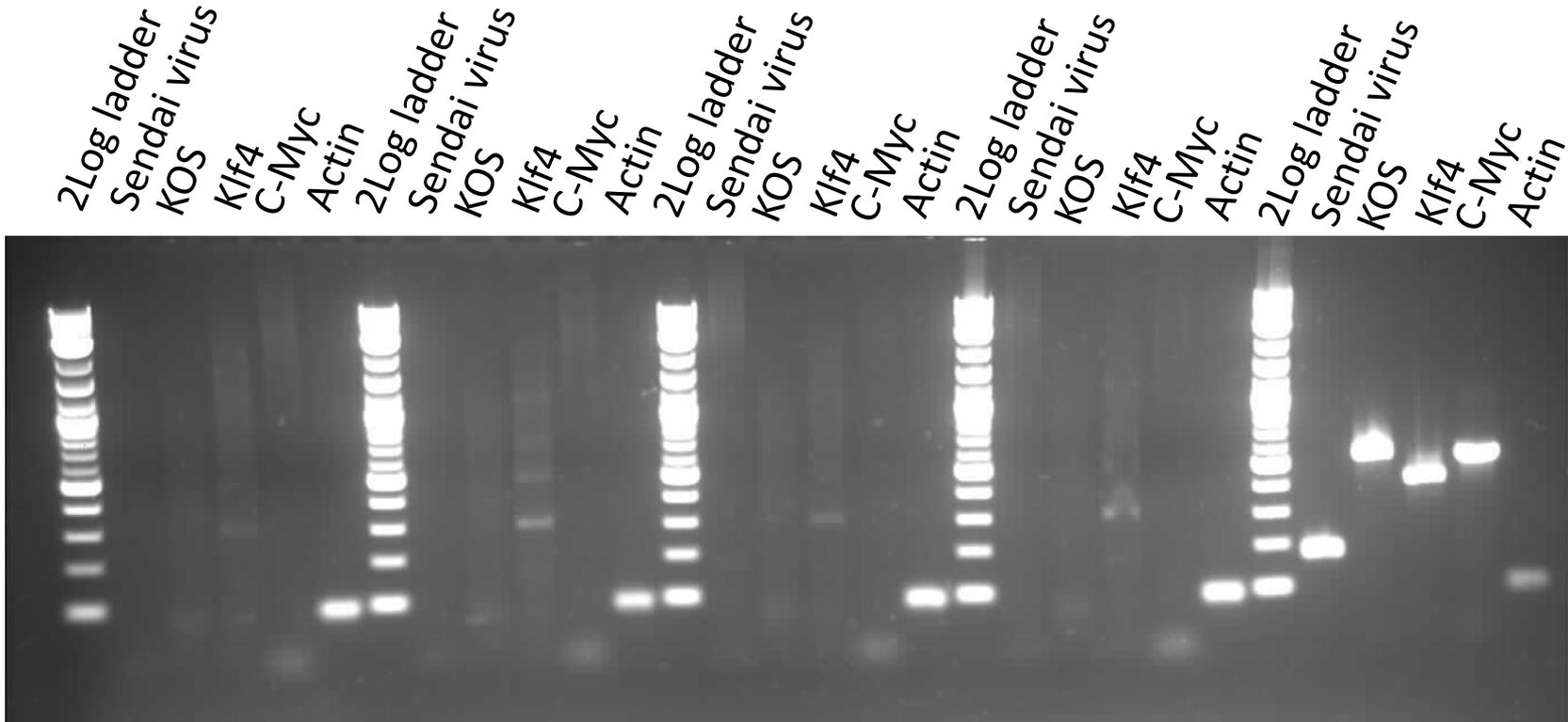
24h post-thaw 80% plated



Day 4 post-thaw 20% plated



Sendai clearance: according to WP3 SOP15 undetectable at passage 15



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 p15

| 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 |
| | SFC845-03-09 | p15 | CB | 3.62 | 1.27 | 0.35 |

Results mean

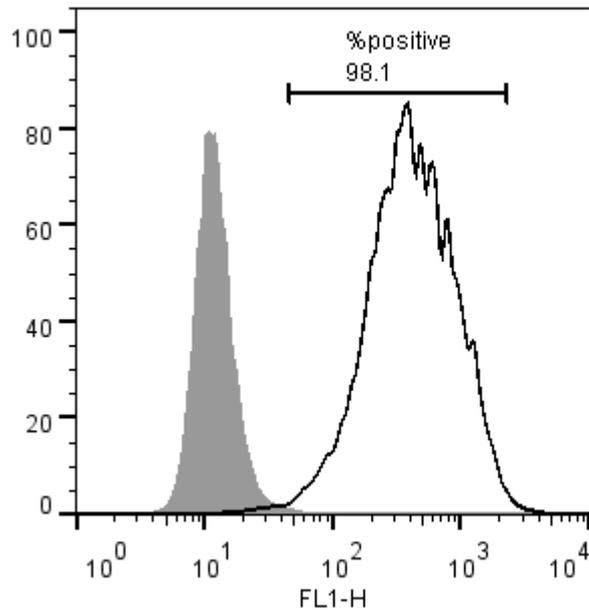
Ratio **0 - 0.999** negative for mycoplasma

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

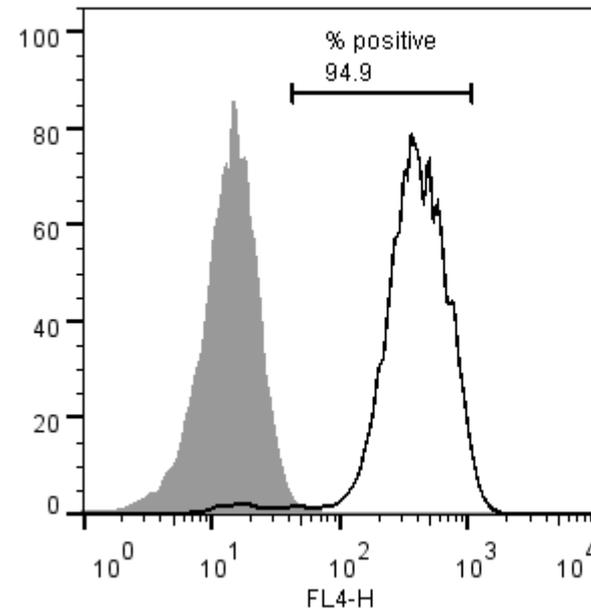
Ratio above **1.3** positive for mycoplasma

Flow cytometric analysis according to WP3 SOP 20 and 21 passage p15

Tra-1-60:



NANOG:



SNP analysis

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

- Passage p15
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected
- For details and raw data see StemDB