

Certificate of analysis

SFC044-03-01

Signature: Adriana Buskin Date: 09.12.2015

Supervisor signature: Linda Lako

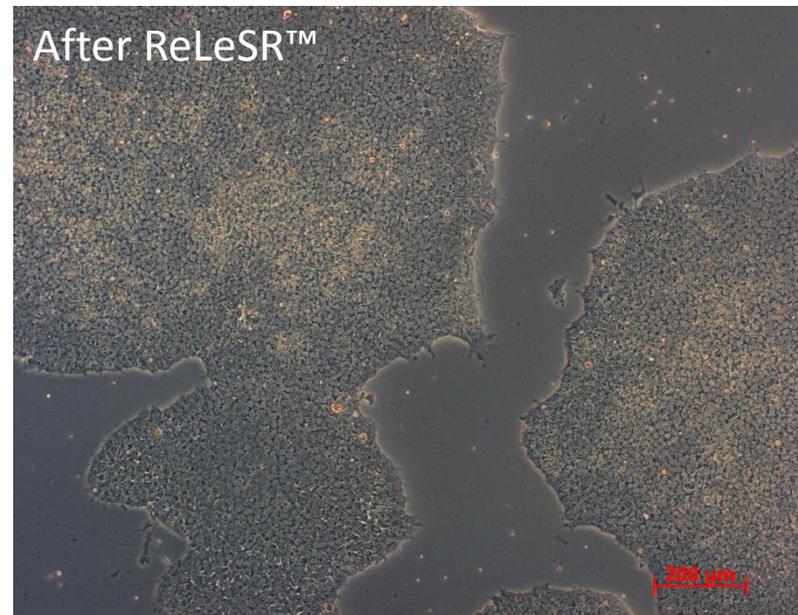
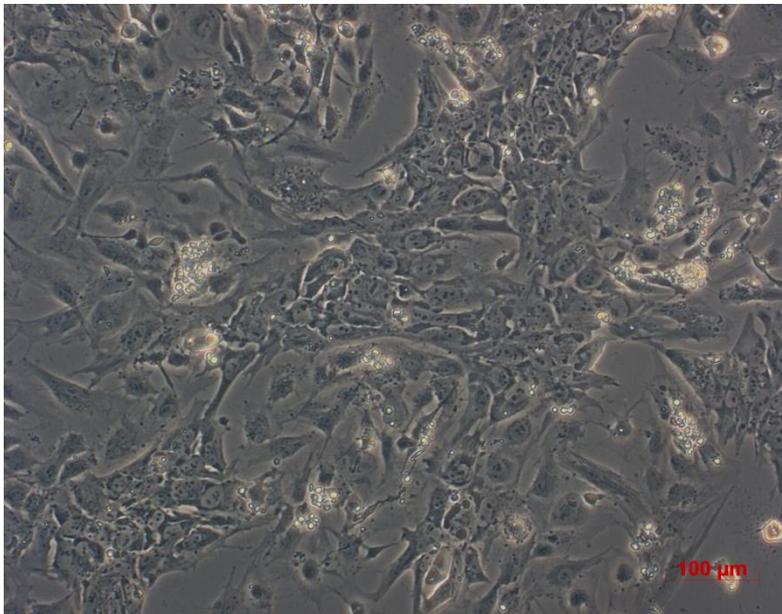
Date: 16.12.2015

Source of fibroblasts and reprogramming information

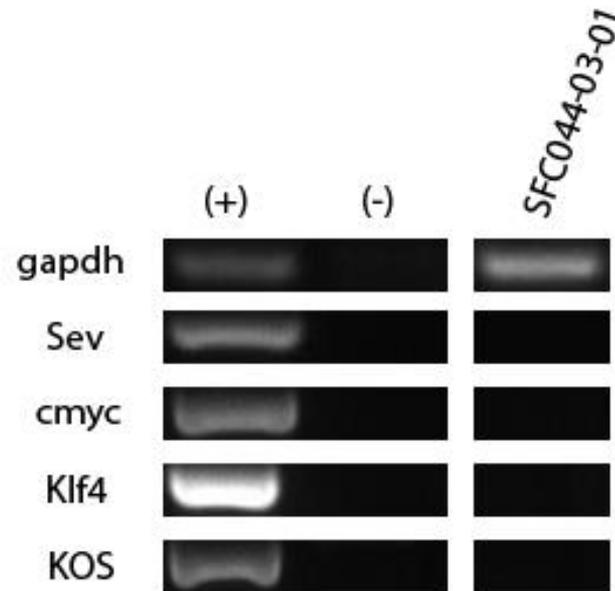
- SF044 from UOXF
- Reprogrammed at UNEW
- Reprogrammed on 09.07.15 at passage P8
- Cytotune 2

Viability post-thaw and Morphology according to SOP19 passage 13

- Cell count immediately post-thaw 1.9×10^6
- Viability immediately post-thaw 90%
- If differentiation occur, passage once with *ReLeSR*TM
- Photo at 48h and 5 days post-thaw:



Sendai clearance:
according to WP3 SOP15
undetectable at passage 13



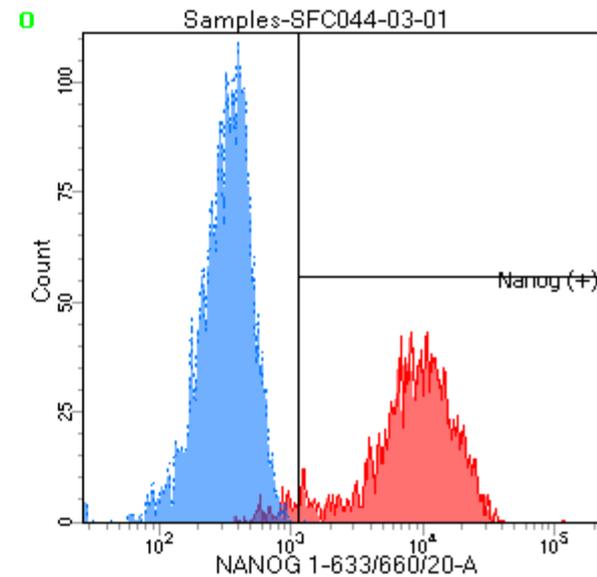
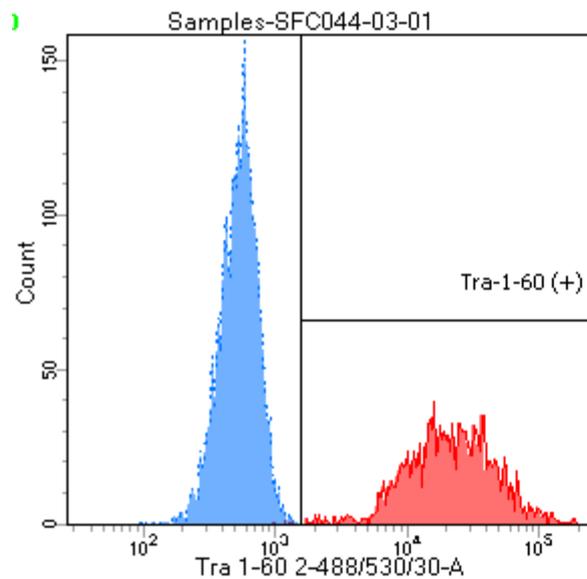
Mycoplasma test:

According to MycoAlert Lonza LT07-318

Undetectable at passage 13

| Owner | AB | Positive Control | Negative Control |
|-----------|-------------|---|------------------|
| Date | 30/10/2015 | 0.0397 | 0.069 |
| Cell name | sfc044 | 0.6616 | 0.0055 |
| A | 0.0148 | 16.66498741 | 0.079710145 |
| B | 0.0052 | | |
| B/A | 0.351351351 | | |
| > 1.2 | | Mycoplasma Contaminated | |
| 0.9-1.2 | | Status Unknown - Retest within 24 hours | |
| 0-0.9 | | Mycoplasma Free | |
| | | | |

Flow cytometric analysis according to WP3 SOP 20 and 21 passage 13



Tube: SFC044-03-01

| Population | #Events | %Parent | %Total |
|--------------------------|---------|---------|--------|
| ■ All Events | 16,605 | #### | 100.0 |
| ■ Cells | 1,700 | 10.2 | 10.2 |
| ☒ Tra-1-60 (+) | 1,692 | 99.5 | 10.2 |
| ☒ Nanog (+) | 1,613 | 94.9 | 9.7 |
| ■ Samples/044/All Events | 20,000 | #### | 100.0 |
| ■ Samples/044/P1 | 2,823 | 14.1 | 14.1 |

SNP analysis

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

- Passage 13
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected
- For details and raw data see StemDB
- Audit 21/07/2017