

Certificate of analysis

Adriana Buskin

SFC056-04-02

Date: 18.02.2015

Supervisor signature: Linda Lako

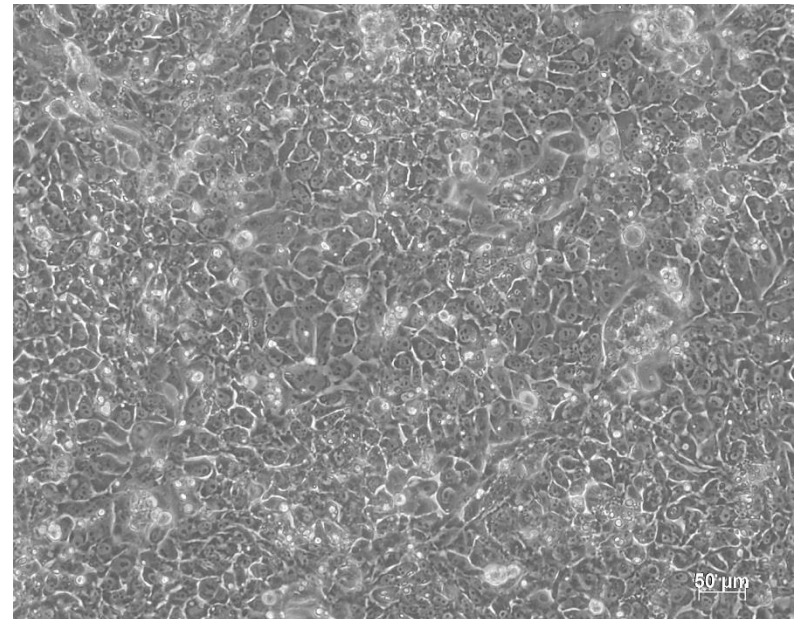
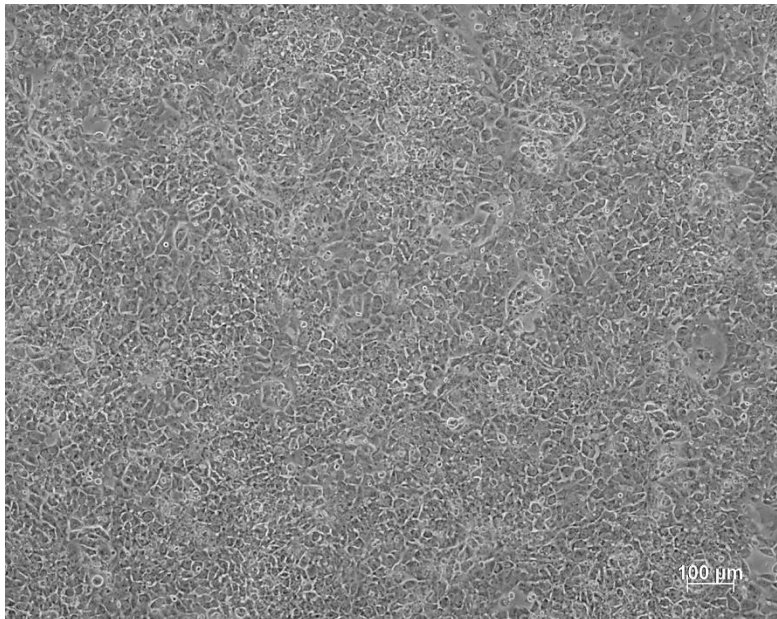
Date: 18.02.2015

Source of fibroblasts and reprogramming information

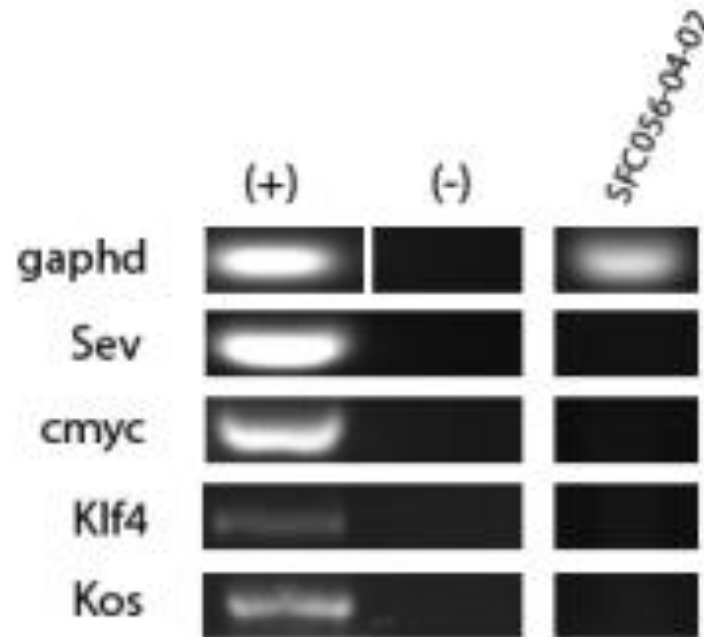
- SF056 from UOXF
- Reprogrammed at UNEW
- Reprogrammed on 07/05/2014 at passage 6
- Cytotune 2

Viability post-thaw and Morphology according to SOP19 passage 21

- Cell count immediately post-thaw 1.9×10^6
- Viability immediately post-thaw 86%
- Photo at 24h post-thaw:



Sendai clearance:
according to WP3 SOP15
undetectable at passage 21



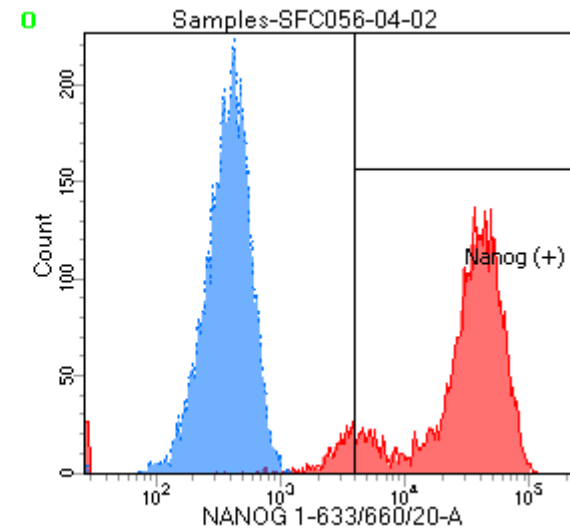
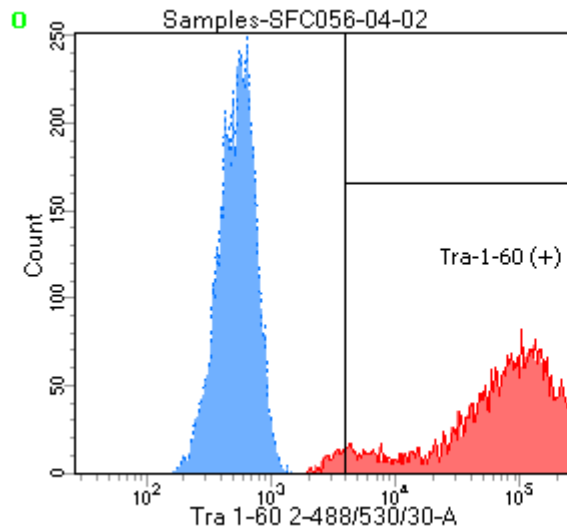
Mycoplasma test:

According to MycoAlert Lonza LT07-318

Undetectable at passage 21

| | | | | | | |
|-----------|-------------|--|--|--|------------------|------------------|
| Owner | AB | | | | | |
| Date | 11/11/2014 | | | | | |
| Cell name | SFC056 CL2 | | | | | |
| A | 0.0172 | | | | | |
| B | 0.0056 | | | | | |
| B/A | 0.325581395 | | | | | |
| | | | | | | |
| > 1.2 | | Mycoplasma Contaminated | | | Positive Control | Negative Control |
| 0.9-1.2 | | Status Unknown - Restest within 24 hours | | | 0.023 | 0.0662 |
| 0-0.9 | | Mycoplasma Free | | | 0.9864 | 0.0048 |
| | | | | | 42.88695652 | 0.072507553 |

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



Tube: SFC056-04-02

| Population | #Events | %Parent | %Total |
|-------------------------------|---------|---------|--------|
| ■ All Events | 8,214 | #### | 100.0 |
| ■ Cells | 4,563 | 55.6 | 55.6 |
| ☒ Tra-1-60 (+) | 4,375 | 95.9 | 53.3 |
| ☒ Nanog (+) | 4,140 | 90.7 | 50.4 |
| ■ Samples/56-02 UN/All Events | 9,916 | #### | 100.0 |
| ■ Samples/56-02 UN/P1 | 5,626 | 56.7 | 56.7 |

SNP analysis

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

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

Comment

- Prone to differentiation → ReLESR passaging recommended