

Certificate of analysis

SFC136-03-02

Signature: Adriana Buskin Date: 14.05.2015

Supervisor signature: Linda Lako

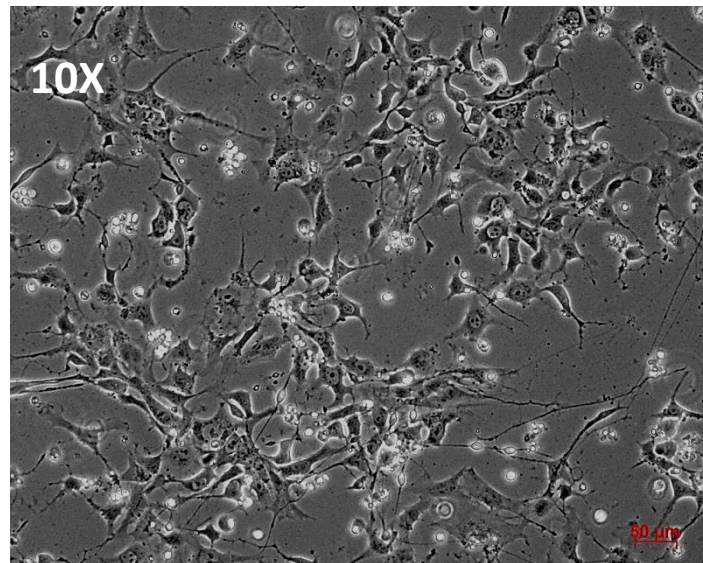
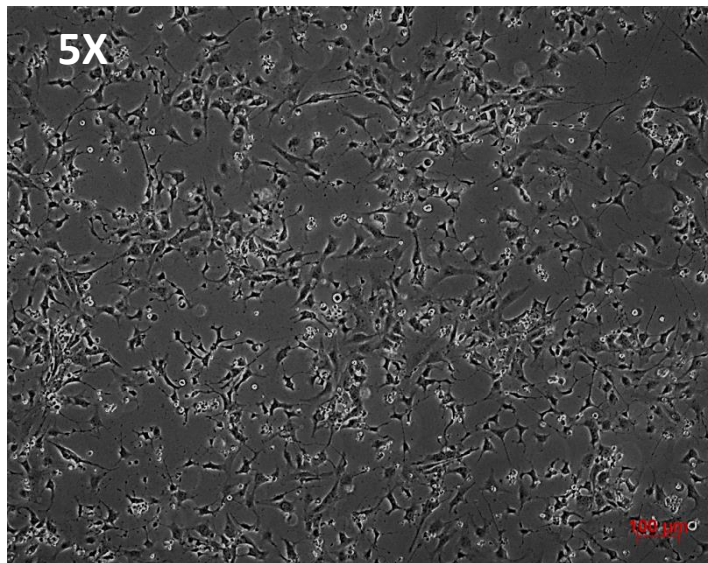
Date: 14.05.2015

Source of fibroblasts and reprogramming information

- SF136 from UOXF
- Reprogrammed at UNEW
- Reprogrammed on 16/01/2015 at passage 6
- Cytotune 2

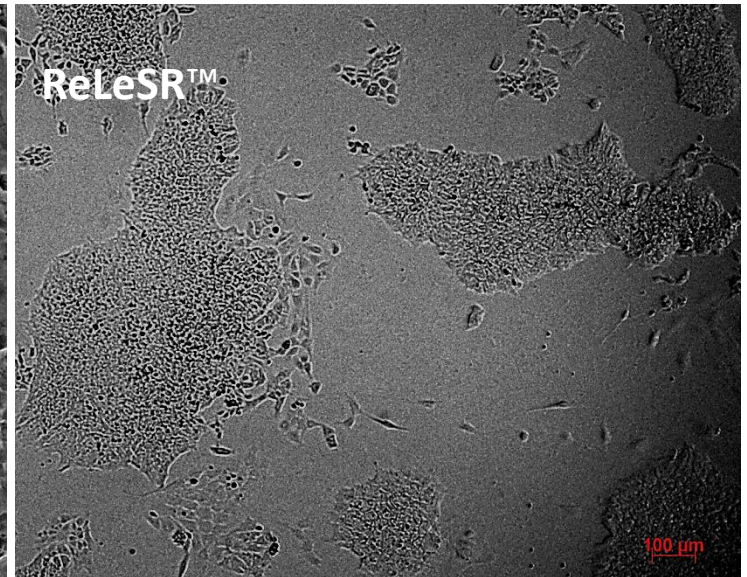
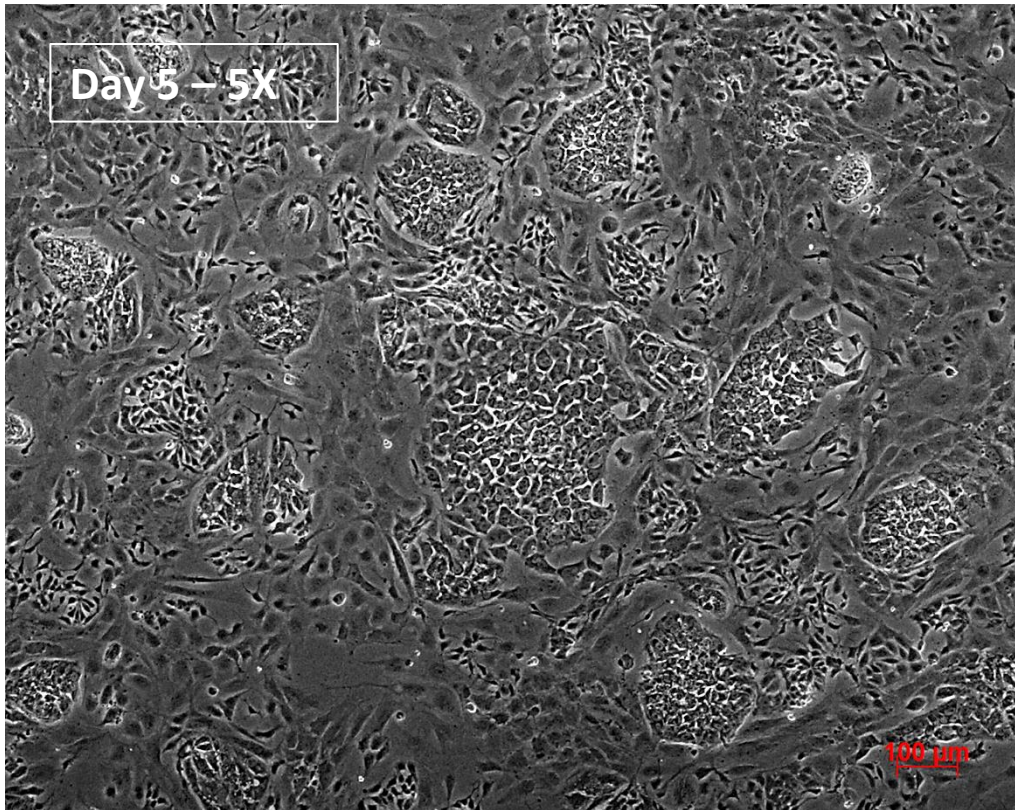
Viability post-thaw and Morphology according to SOP19 passage 7

- Cell count immediately post-thaw 1.8×10^6
- Viability immediately post-thaw 85%
- Photo at 24h post-thaw:

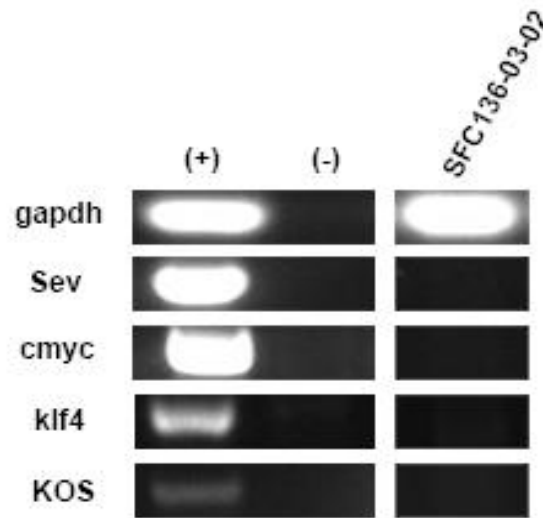


Post-thaw Day5

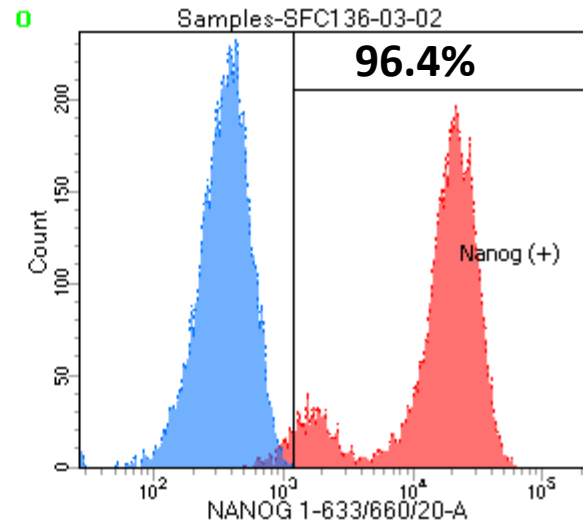
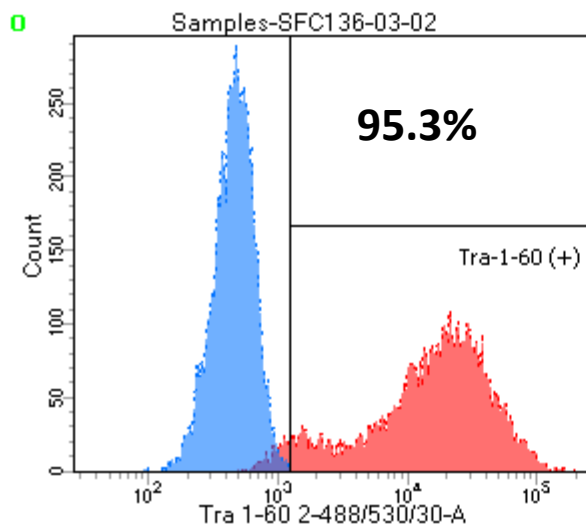
If differentiation occurs,
passage cells with ReLeSR™



Sendai clearance:
according to WP3 SOP15
undetectable at passage 7



Flow cytometric analysis according to WP3 SOP 20 and 21 passage 7



Tube: SFC136-03-02

| Population | #Events | %Parent | %Total |
|--------------------------|---------|---------|--------|
| ■ All Events | 20,000 | #### | 100.0 |
| ■ Cells | 6,134 | 30.7 | 30.7 |
| ☒ Tra-1-60 (+) | 5,847 | 95.3 | 29.2 |
| ☒ Nanog (+) | 5,913 | 96.4 | 29.6 |
| ■ Samples/136/All Events | 20,000 | #### | 100.0 |
| ■ Samples/136/P1 | 6,579 | 32.9 | 32.9 |

SNP analysis

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

- Passage 7
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected
- For details and raw data see StemDB