

Certificate of analysis

SFC129-03-01

Signature: Dario Melguizo Sanchis

Date: 12.06.2015

Supervisor signature: Linda Lako

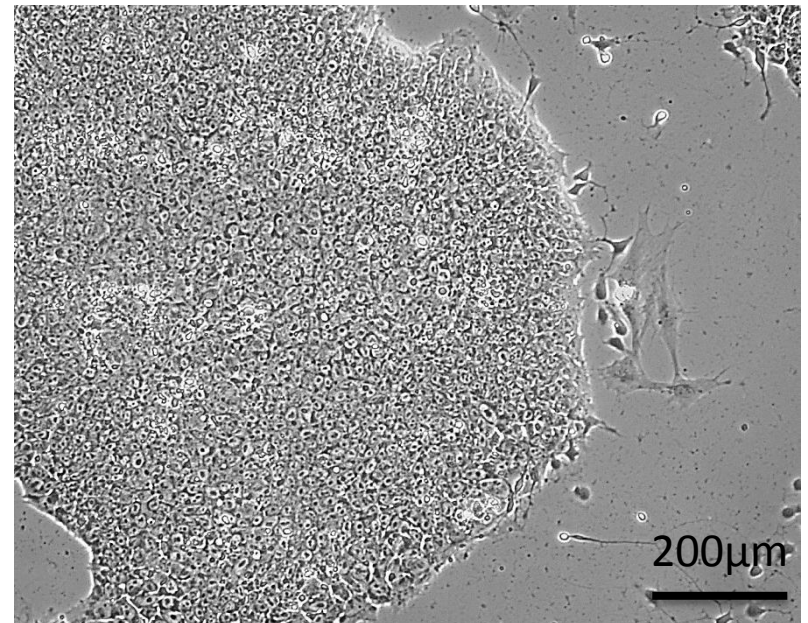
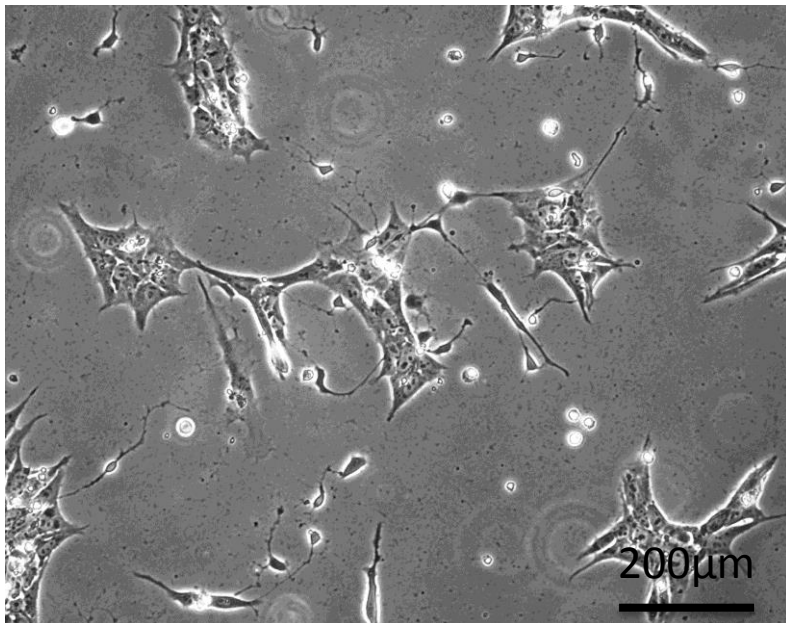
Date: 13.06.2015

Source of fibroblasts and reprogramming information

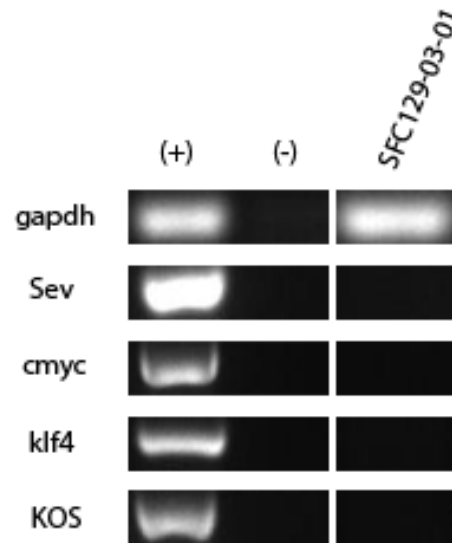
- SF129 from UOXF 08/14
- Reprogrammed at UNEW ISV
- Reprogrammed on 16/01/2015 at passage 7
- Cytotune v2 WP3 SOP22

Viability post-thaw and Morphology according to SOP19 passage 11

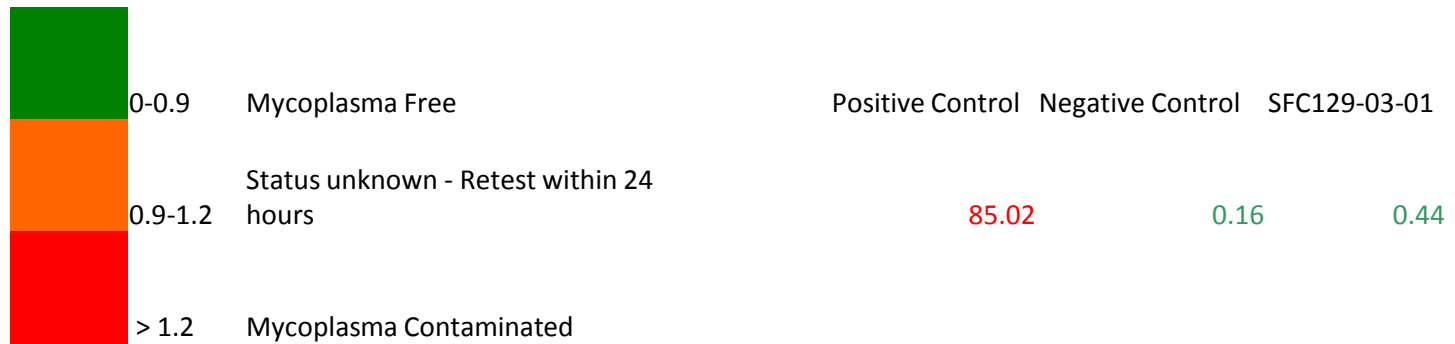
- Cell count immediately post-thaw 1.8×10^6
- Viability immediately post-thaw 91%
- Photo at 24h (left) and 48h (right) post-thaw:



Sendai clearance:
according to WP3 SOP15
undetectable at passage 11

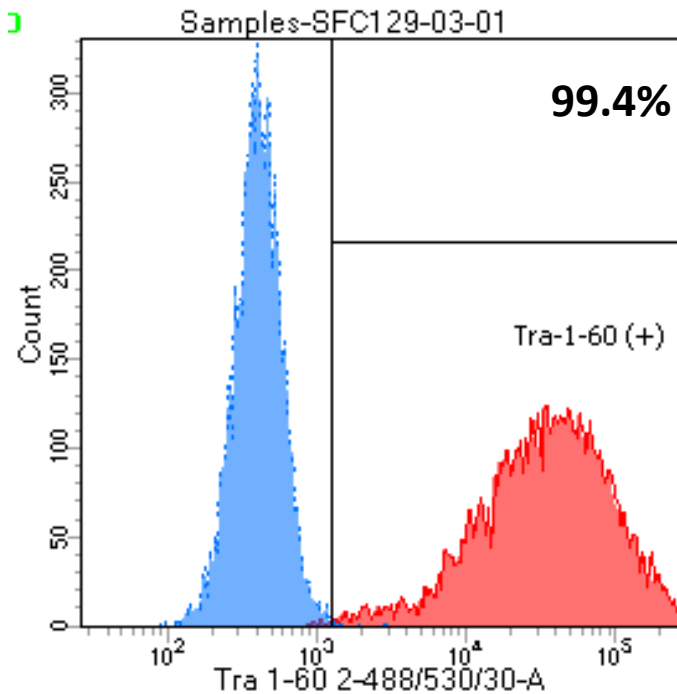


Mycoplasma test: Undetectable at passage 11

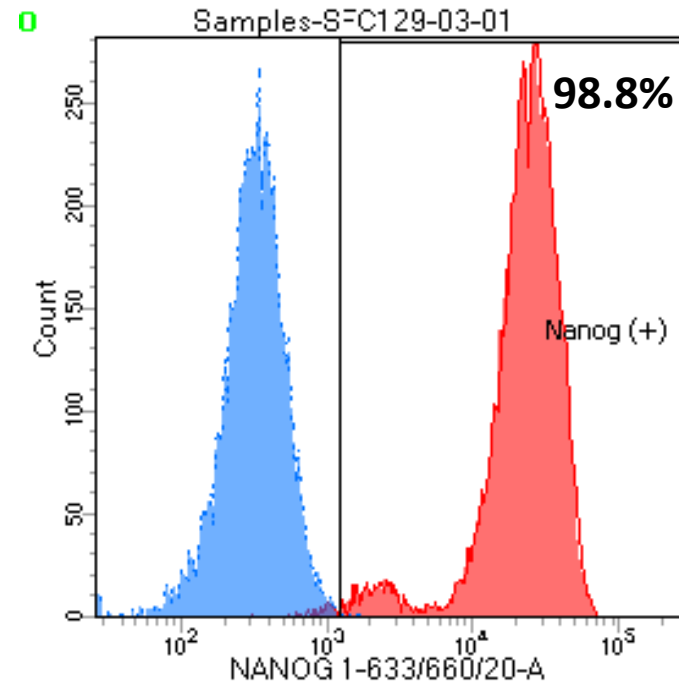


Flow cytometric analysis according to WP3 SOP 20 and 21 passage 11

Tra-1-60:



NANOG:



SNP analysis

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

- Passage 11
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: Minor higher copy number variation Chromosome 2, not present in parental fibroblasts
- For details and raw data see StemDB

Comment

- Thawing in 2 wells of 6 well-plate recommended