

Certificate of analysis

SFC833-03-05

Signature: Jane Vowles

Date: 04/09/2014

Supervisor signature:

Date: 28.10.2014

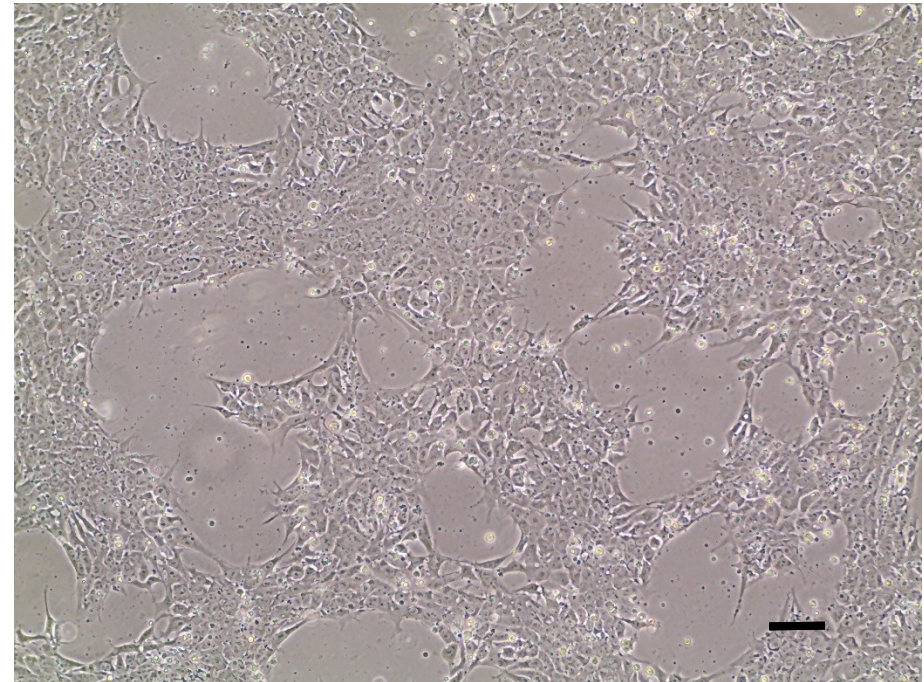
SA Cowley

Source of fibroblasts and reprogramming information

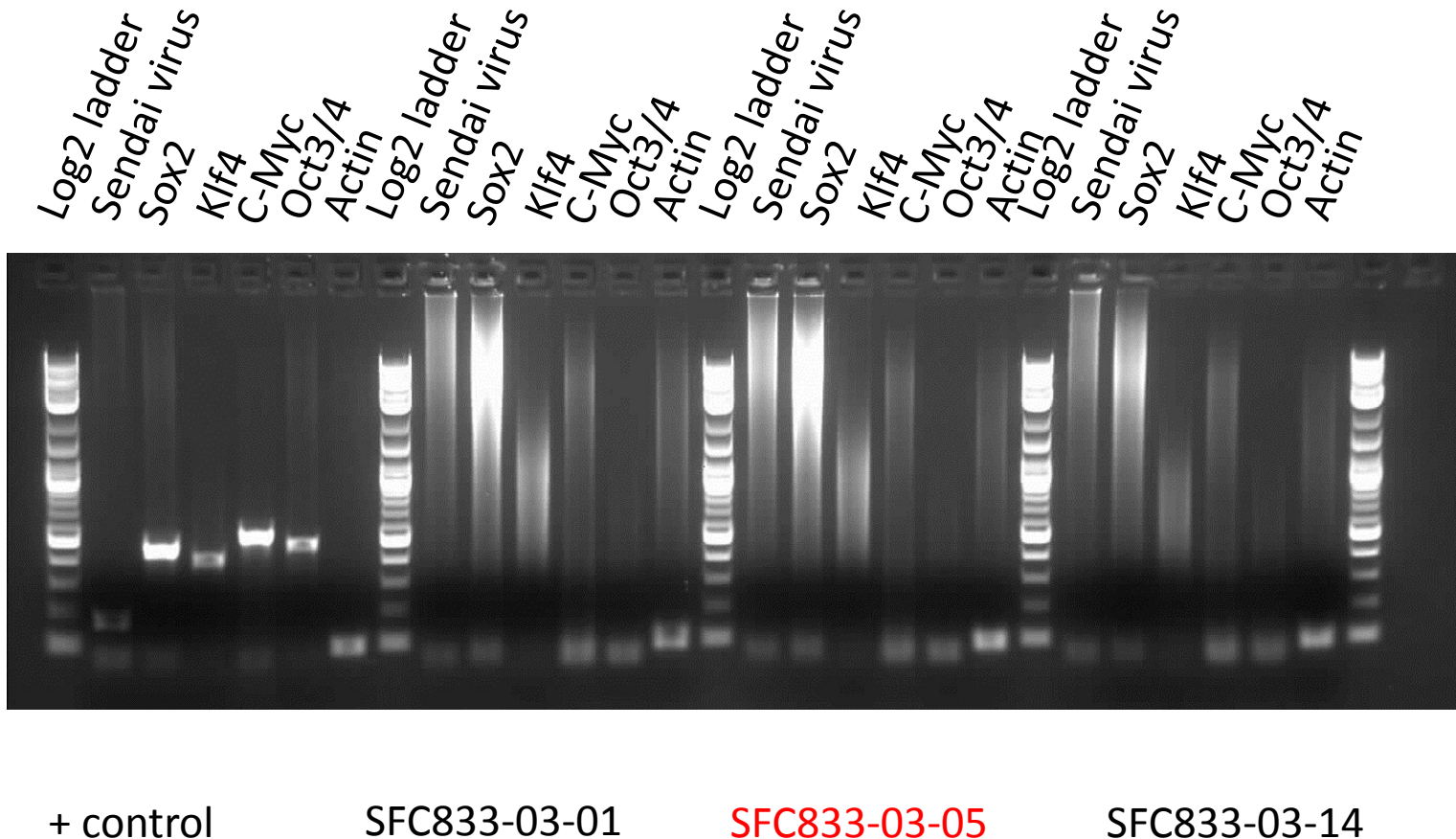
- SF833 from UOXF 03/06/2011
- Reprogrammed at UOXF JMSCF JV
- Reprogrammed on 17/07/13 at passage 4
- Cytotune v1 WP3 SOP10

Viability post-thaw and Morphology according to SOP19 passage 21

- Cell count immediately post-thaw 1.80×10^6
- Viability immediately post-thaw 82.05%
- Photo at 24h post-thaw (scale bar = 100 μ m):



Sendai clearance: according to WP3 SOP15 undetectable at passage 21



Product sizes: SeV 181bp; SeV-Sox 451bp; SeV-Klf 410bp; SeV-Myc 532bp; SeV-Oct 483bp; Actin 92bp

Mycoplasma test:

According to MycoAlert Lonza LT07-318

Undetectable at passage 21

Sample	Operator	Passage No.	Reading 1	Reading 2	Ratio / Status
+ve Control			5.040	237.4	47.1
-ve Control			7.488	0.897	0.12
SFC833-03-05	JV	p21	2.749	0.920	0.335

Results mean

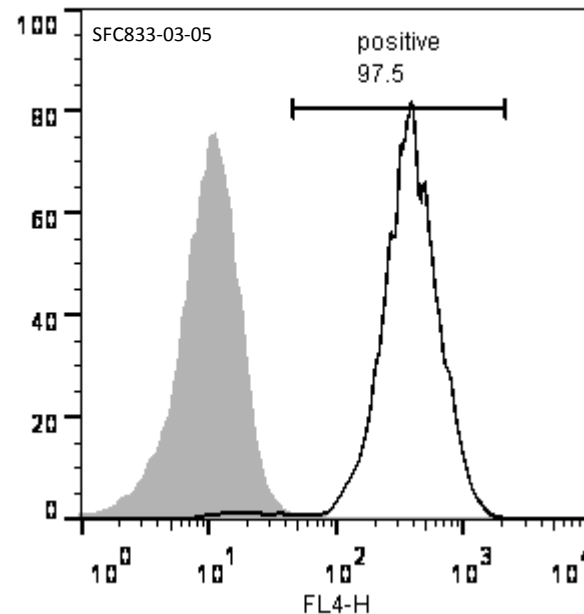
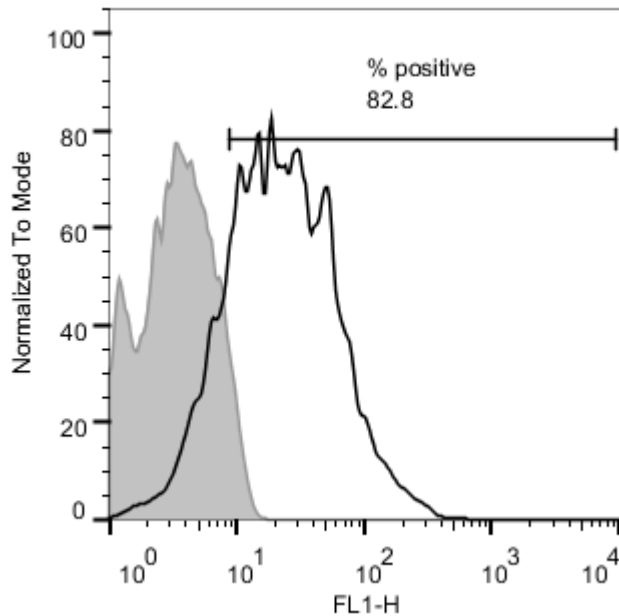
Ratio **0 - 0.999** negative for mycoplasma

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

Tra-1-6



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
- For details and raw data see StemDB