



Certificate of analysis

iPS OX1-18

Operator: Jane Vowles

Date: 06/01/2016

Supervisor: Sally Cowley

Date: 28/07/2016

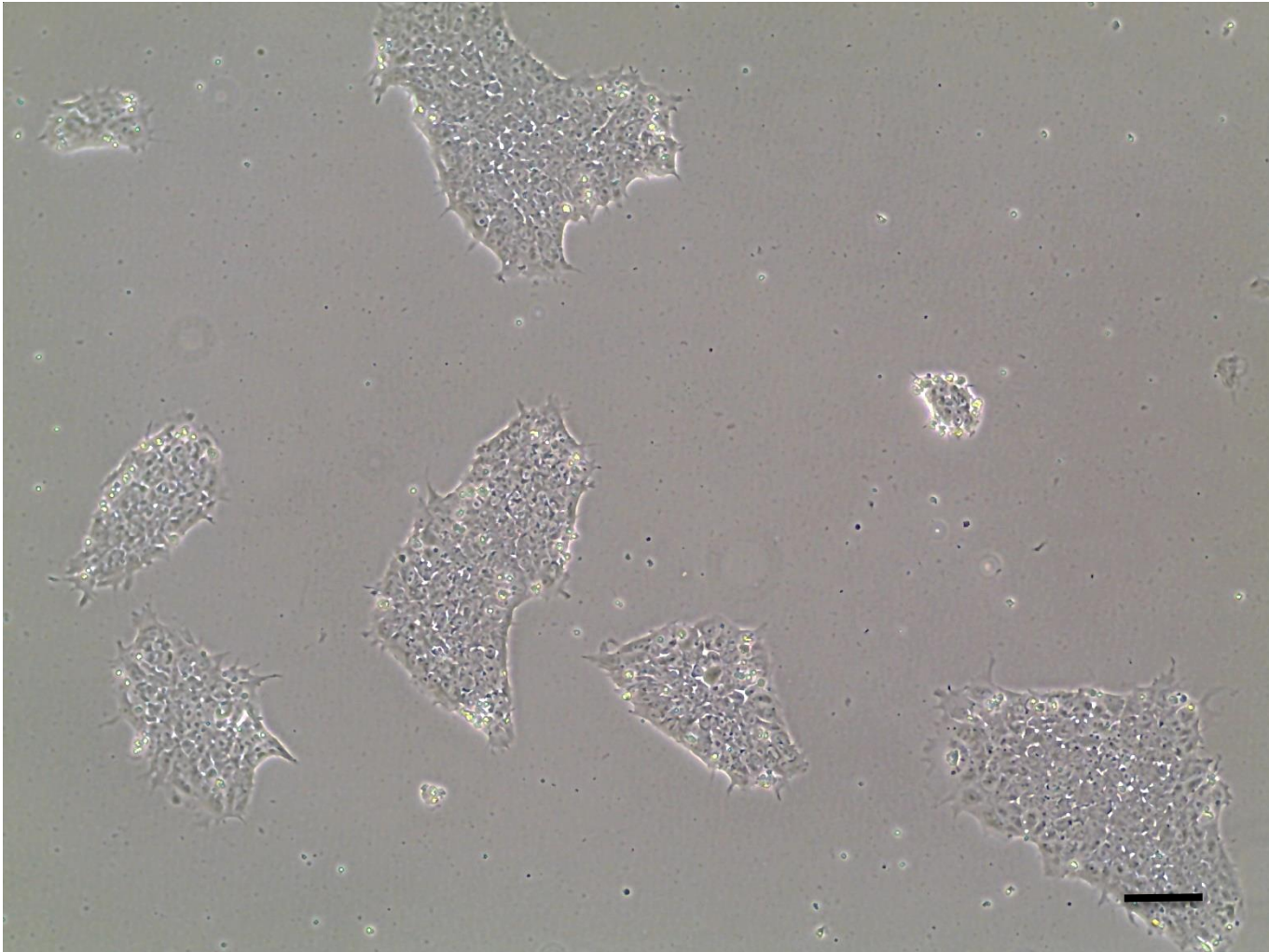
Signature: *SACowley*

Source of fibroblasts and reprogramming information

- HDF OX1 from OPDC
- Received 01/06/2013
- Male, aged 36, control
- Reprogrammed at UOXF JMSCF
- Yamanaka retrovirus

Photo p21

(scale bar = 100 μ m)

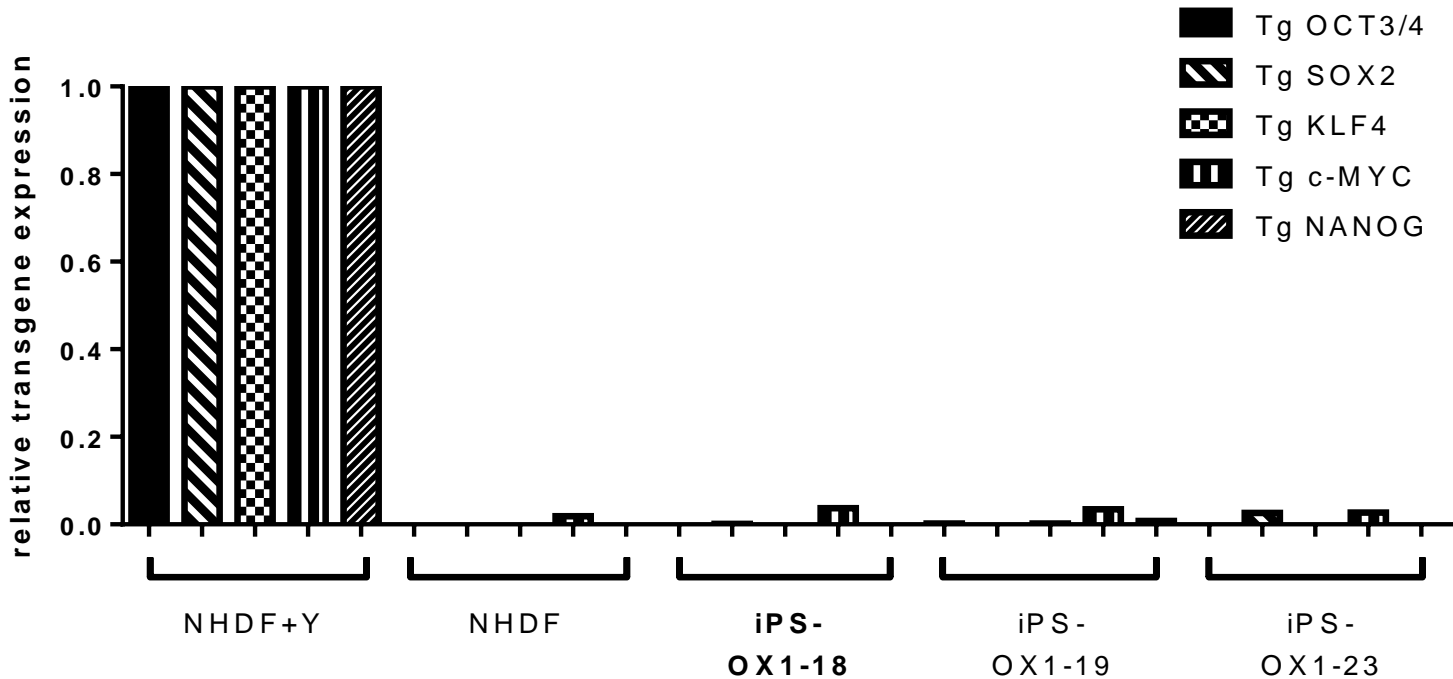


Mycoplasma testing negative p9

Hela cells were grown on a coverslip with a sample of the eluant from the line to be tested. After 3 days the cells are fixed using acid alcohol, rinsed with pH7 buffer and stained with Hoescht stain and assessed under a fluorescent microscope

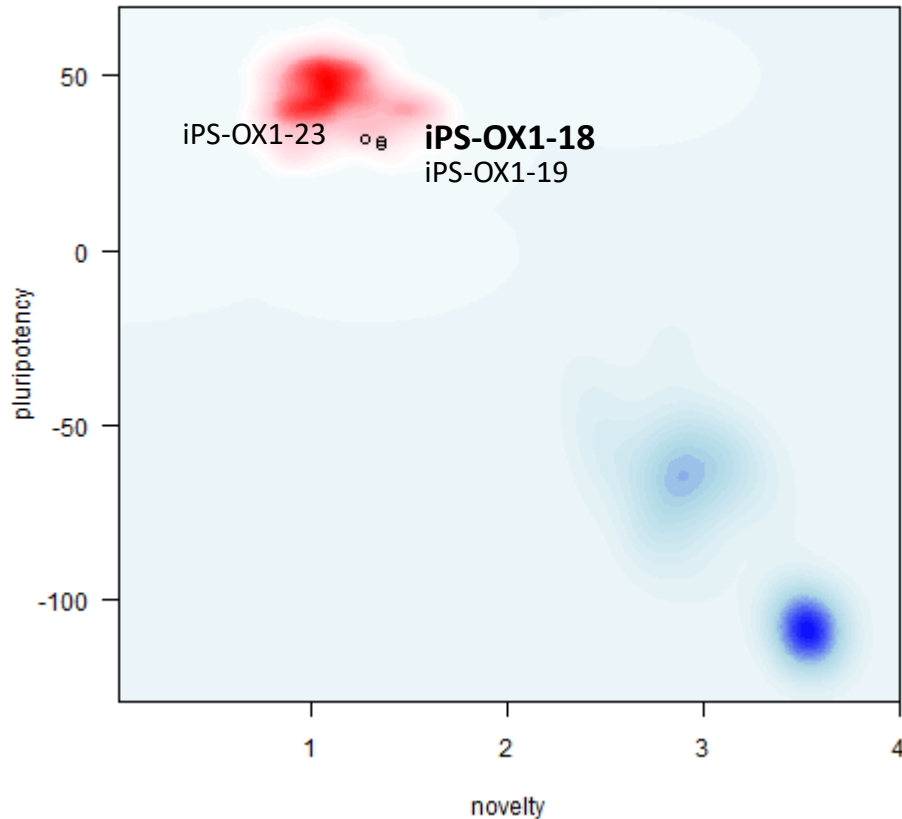
Book number	Project number	Date	17/02/11 cont.	7	
Project / experiment title	Mycoplasma Testing				
References	Continued from page				
All negative result. 22/2/11	ips	NHDF-1	lw.6	p13+8	Cells discarded
	"	" - 2	"	p13+10	" "
	"	OXI-18	p9	Cells	pelleted for DNA/RNA
	"	" - 19	p9	— " —	

Silencing of transgenes p9



normalised to HDF transduced with Yamanaka reprogramming retroviruses 5d before harvest, 'HDF+Y', relative to actin

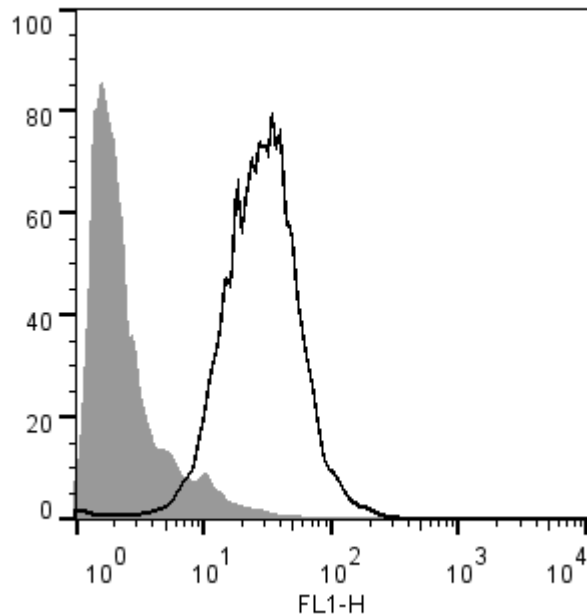
PluriTest analysis of Illumina HT12v4 transcriptome array p12



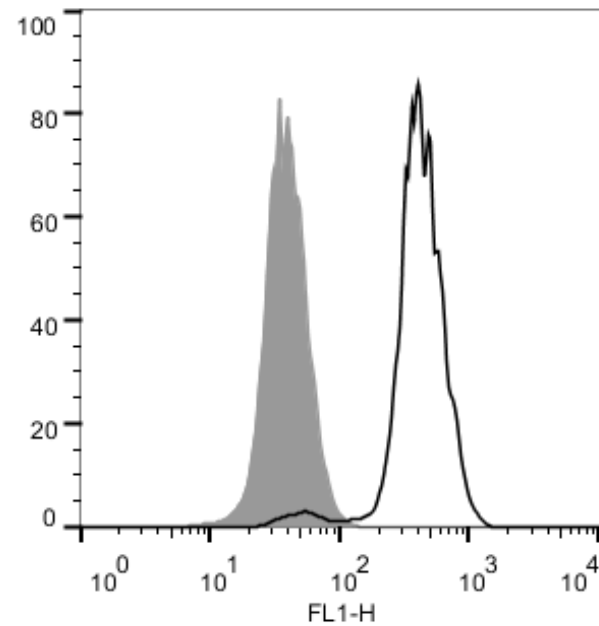
	pluri-raw	pluri logit-p	novelty	novelty logit-p	RMSD
iPS.DF19	31.73	1.00	1.46	0.02	0.43
iPS.MK082.29	30.33	1.00	1.38	0.01	0.36
iPS.MK082.30	27.50	1.00	1.22	0.00	0.35
iPS.NHDF.1	25.27	1.00	1.23	0.00	0.38
iPS.NHDF.2	29.51	1.00	1.18	0.00	0.37
iPS.OX1.18	31.38	1.00	1.36	0.01	0.36
iPS.OX1.19	30.06	1.00	1.35	0.01	0.35
iPS.OX1.23	31.68	1.00	1.28	0.00	0.35
iPS.OX1.38	29.36	1.00	1.37	0.01	0.37
iPS.OX1.40	29.94	1.00	1.33	0.00	0.36
iPS.OX1.43	29.58	1.00	1.36	0.01	0.36
iPS.OX1.50	28.57	1.00	1.40	0.01	0.37

Flow cytometric analysis of pluripotency markers passage 13

Tra-1-60:



NANOG:



SNP analysis

Illumina Human OmniExpress v1.1/
CytoSNP-12v2.1 beadchip array

- Passage 26
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected

