



Certificate of analysis

iPS JR023-2

Operator: Jane Vowles

Date: 06/01/2016

Supervisor: Sally Cowley

Date: 19/08/2016

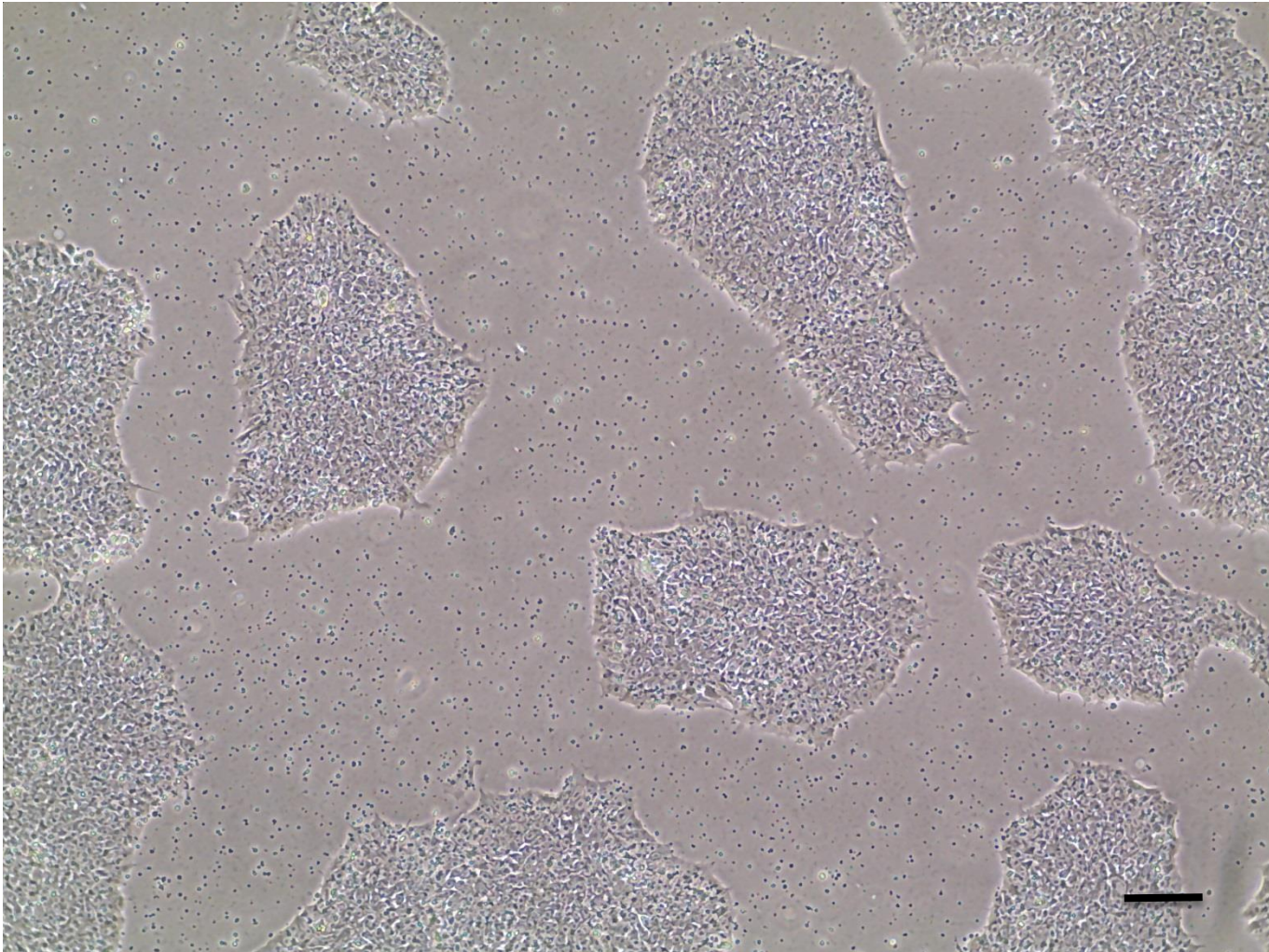
Signature: *SACowley*

Source of fibroblasts and reprogramming information

- HDF JR023 from OPDC
- Received 15/12/2010
- Male, aged 56, sporadic PD
- Reprogrammed at UOXF JMSCF
- Reprogrammed on 10/03/2011 at passage 4
- Yamanaka retrovirus

Photo p13

(scale bar = 100 μ m)

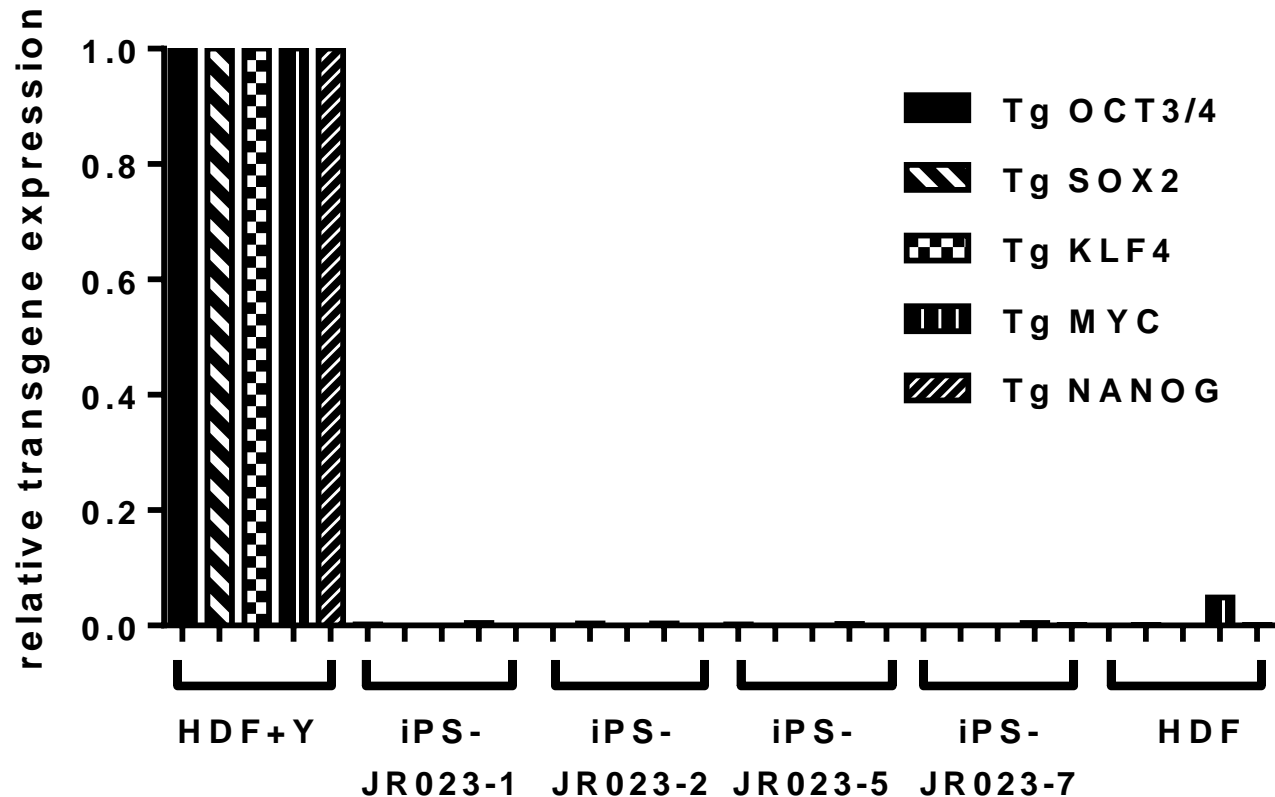


HDF negative for mycoplasma before reprogramming p6

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

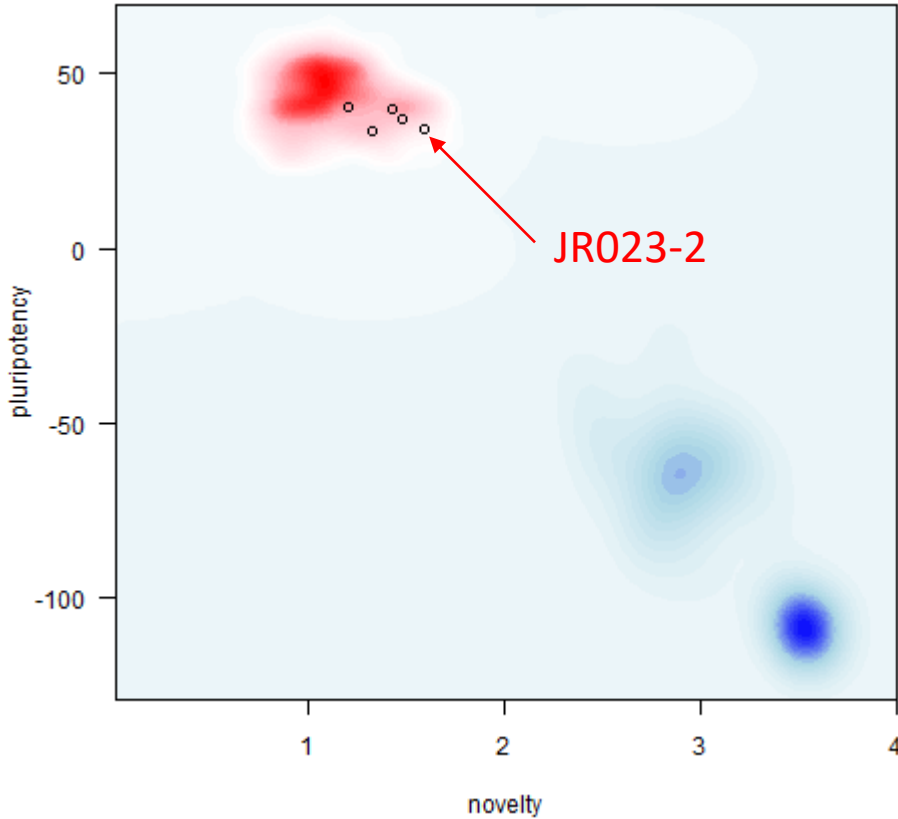
78	Project number	Date	28/3/11 cont	Book number
Project / experiment title				
References				
Continued from page				
<u>Supernatant saved for mycoplasma testing.</u>				
NHDF JRO36		}	result	Emailed from
NHDF JRO23 BBC				
			13/04/11	Both negal

Silencing of transgenes p11



(normalised to NHDF transduced with Yamanaka reprogramming retroviruses/Nakanishi SeV 5d before harvest, 'NHDF+Y', relative to actin)

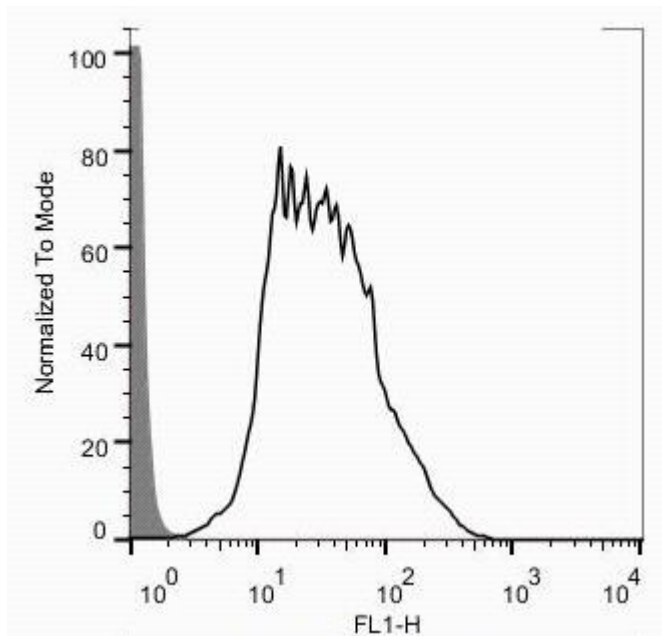
PluriTest analysis of Illumina HT12v4 transcriptome array p22



	pluri-raw	pluri logit-p	novelty	novelty logit-p	RMSD
JR023_2	34.33	1	1.59	0.06	0.47
MK002_7	40.77	1	1.20	0.00	0.43
MK088_7	36.84	1	1.48	0.02	0.40
MK144_1	33.82	1	1.33	0.00	0.42
MK144_10	39.68	1	1.43	0.01	0.44

Flow cytometric analysis of pluripotency markers passage p21

Tra-1-60:



SNP analysis

Illumina Human CytoSNP-12v2.1 beadchip array

- Passage p11
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected

