



Certificate of analysis

iPS JR023-5

Operator: Jane Vowles

Date: 06/01/2016

Supervisor:

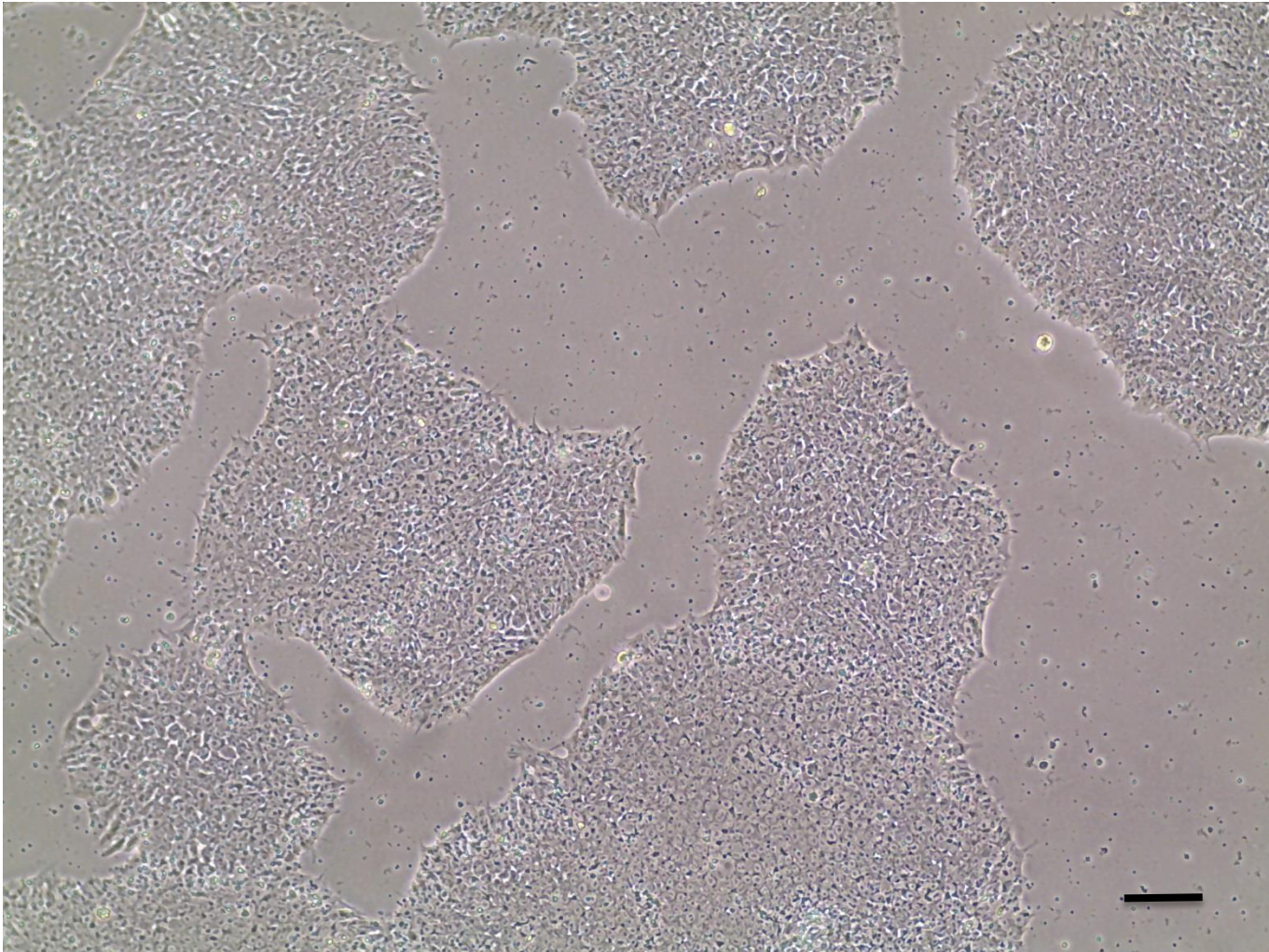
Date:

Signature:

Source of fibroblasts and reprogramming information

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

Photo p20 (scale bar = 100 μ m)

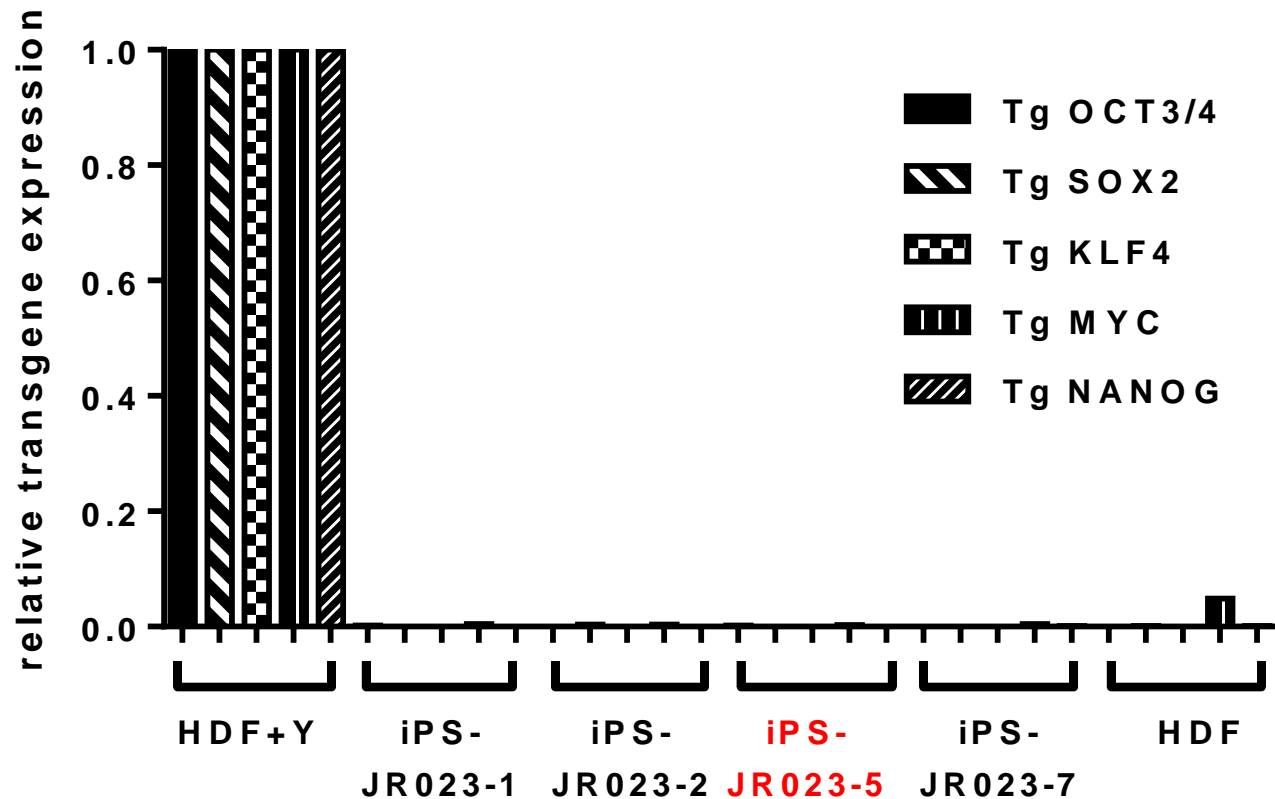


HDF negative for mycoplasma before reprogramming p6

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

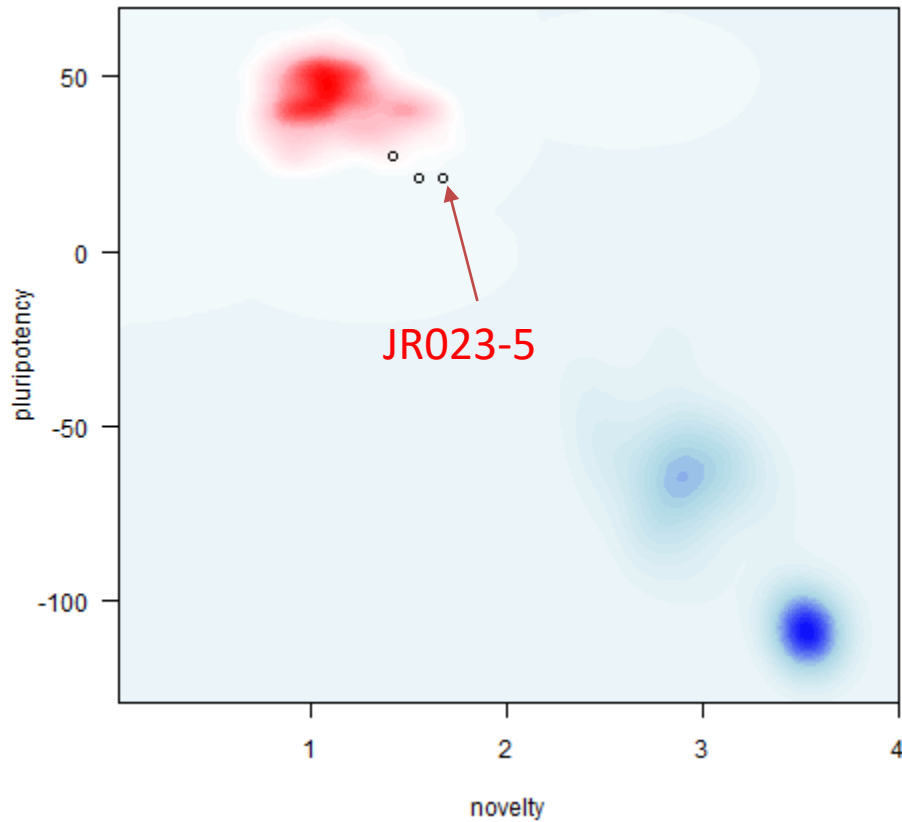
78	Project number	Date	28/3/11 cont	Book number
Project / experiment title				
References			Continued from page	
<u>Supernatant saved for mycoplasma testing.</u>				
NHDF JRO36		}	result	Emailed from
NHDF JRO23 BBC				

Silencing of transgenes p10



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

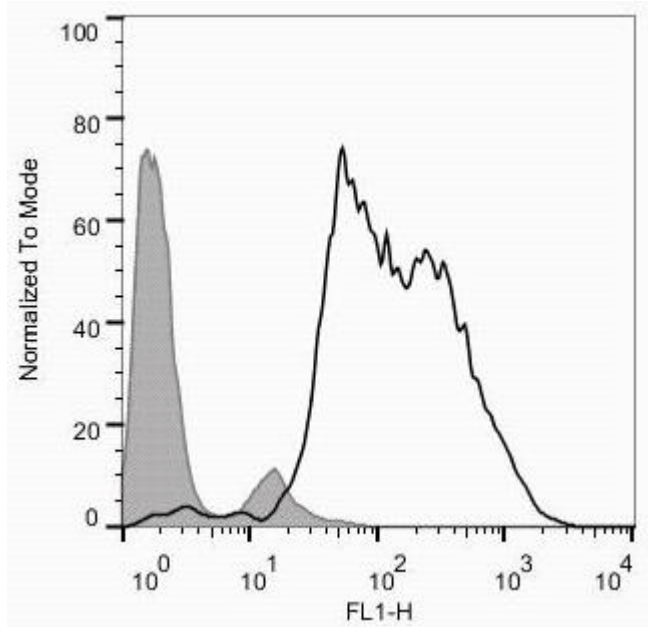
PluriTest analysis of Illumina HT12v4 transcriptome array p10



	pluri-raw	pluri logit-p	novelty	novelty logit-p	RMSD
iPS.JR023.1	21.11	1	1.55	0.04	0.42
iPS.JR023.5	21.12	1	1.68	0.13	0.44
iPS.JR023.7	27.23	1	1.42	0.01	0.40

Flow cytometric analysis of pluripotency markers passage 8

Tra-1-60:



SNP analysis

Illumina Human CytoSNP-12v2.1 beadchip array

- Passage p10
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected

