



# Certificate of analysis

iPS JR023-1

Operator: Jane Vowles

Date: 06/01/2016

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Date: 19/08/2016

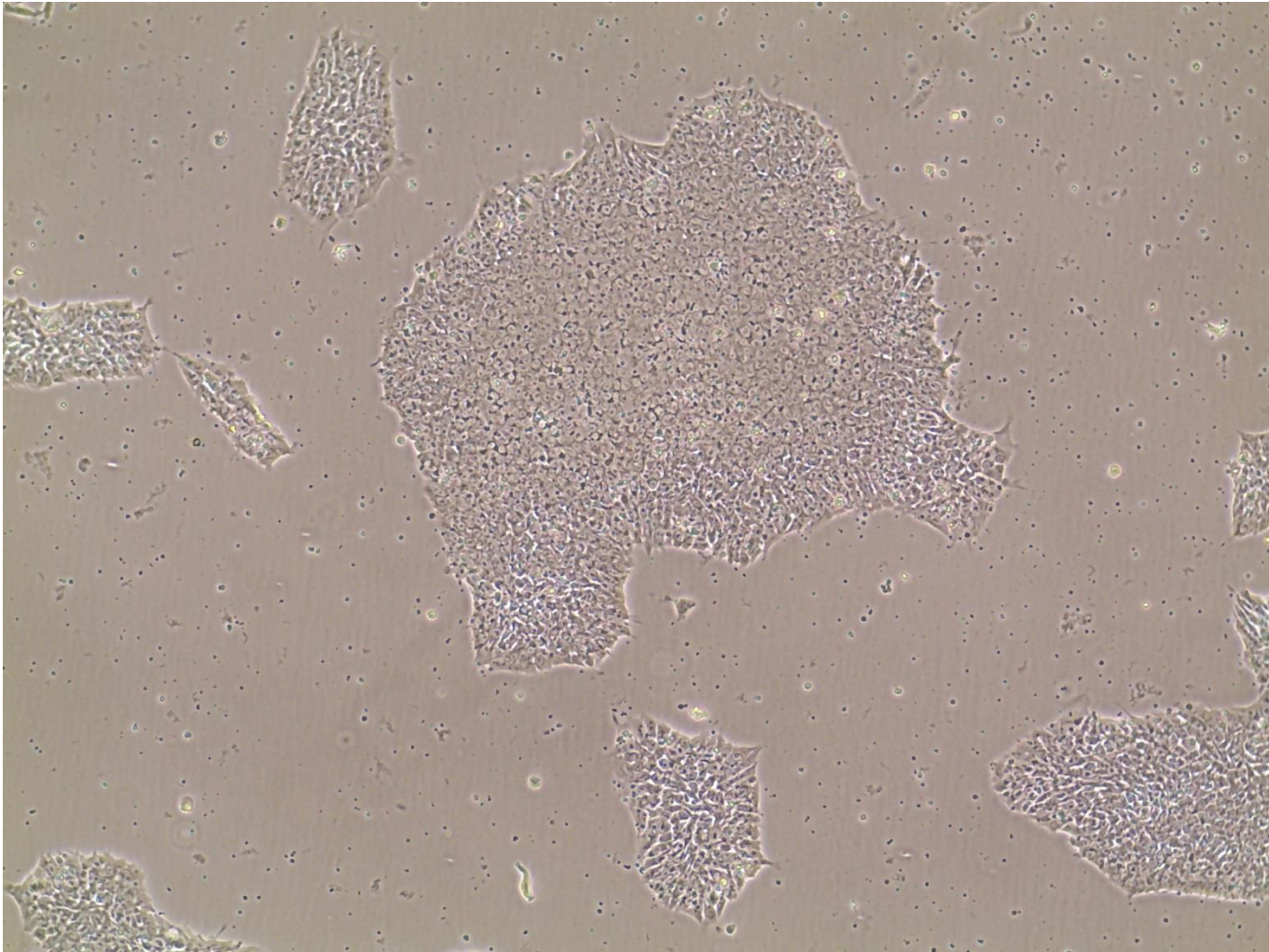
Signature: *SACowley*

# 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 p11

(scale bar = 100 $\mu$ m)

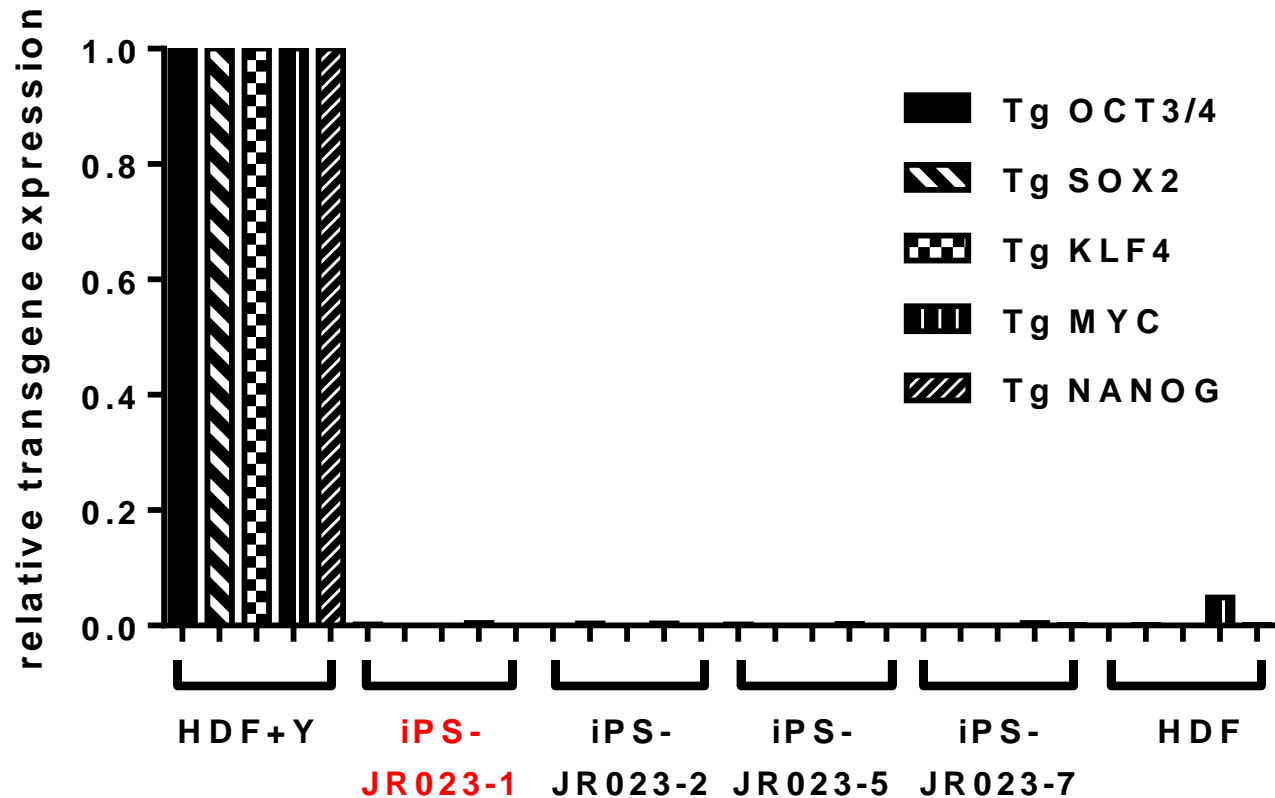


# HDF negative for mycoplasma before reprogramming p6

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

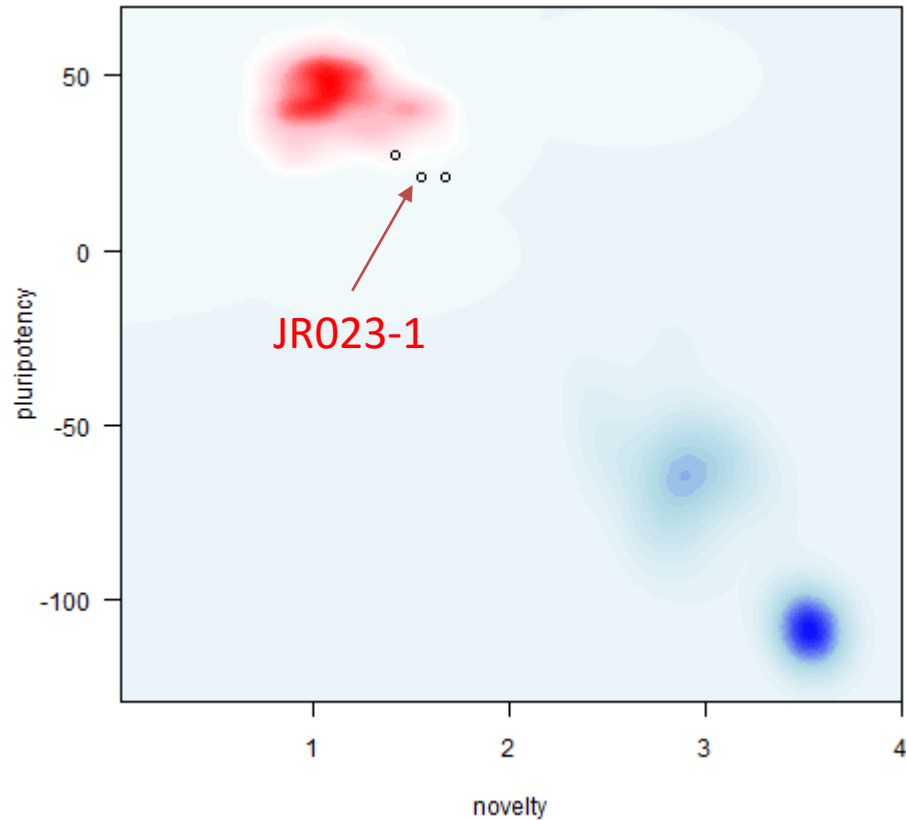
<b>78</b>	Project number	Date	28/3/11 cont	Book number
Project / experiment title				
References			Continued from page	
<u>Supernatant saved for mycoplasma testing.</u>				
NHDF JRO36		}	result	Emailed from
NHDF JRO23 BBC				

# Silencing of transgenes p12



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

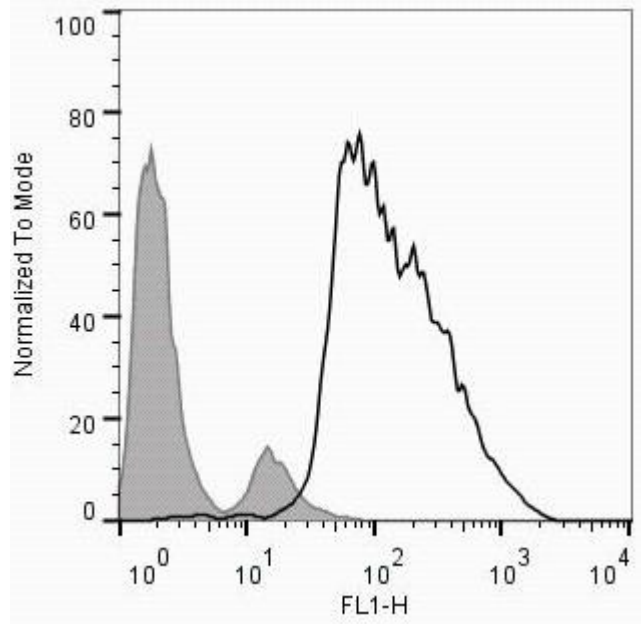
# PluriTest analysis of Illumina HT12v4 transcriptome array p12



	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 10

Tra-1-60:



# SNP analysis

## Illumina Human CytoSNP-12v2.1 beadchip array

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



