



# Certificate of analysis

iPS MK088-1

Operator: Jane Vowles

Date: 06/01/2016

Supervisor: Sally Cowley

Date: 19.05.2016

Signature: *SACowley*

# Source of fibroblasts and reprogramming information

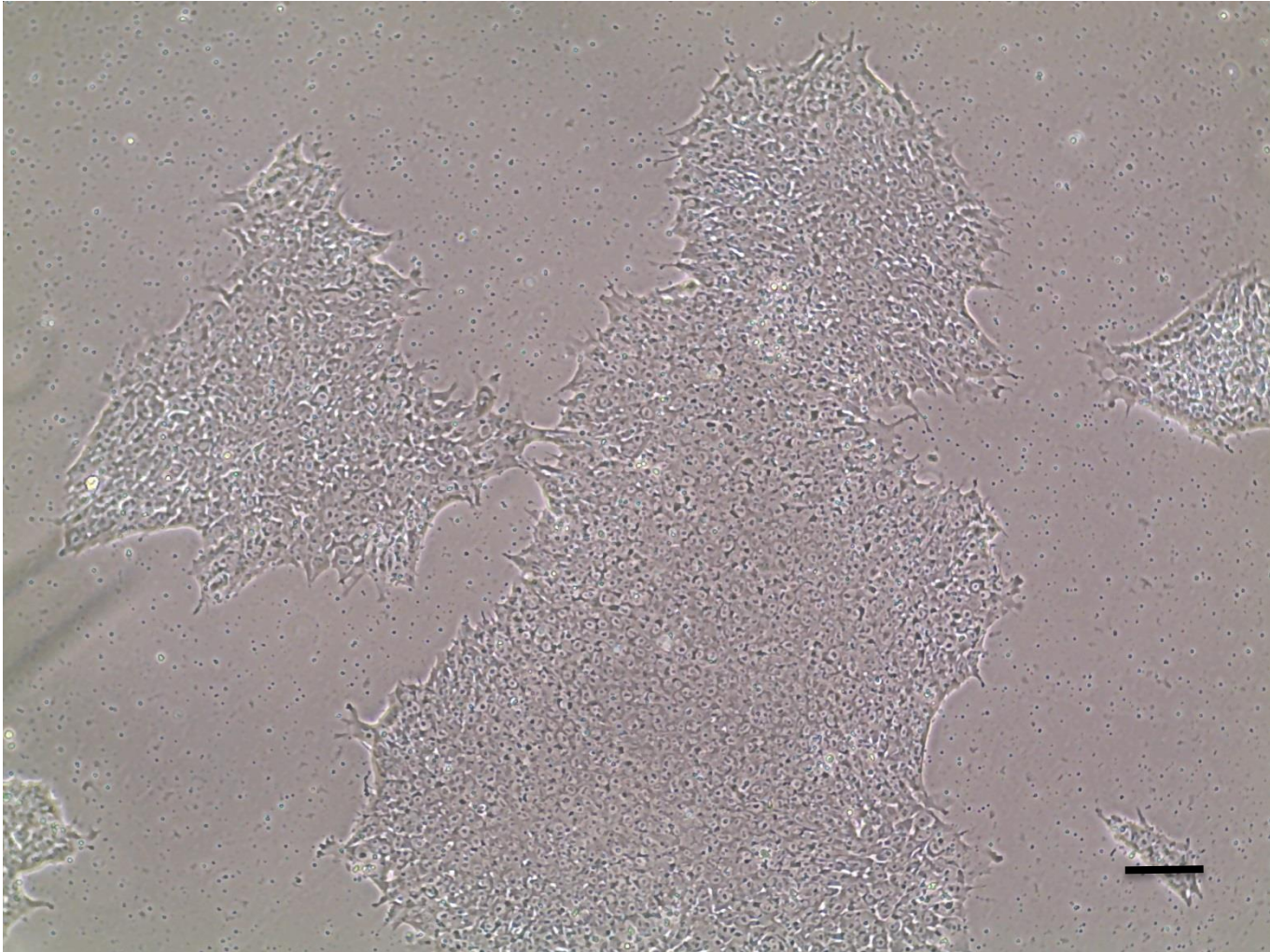
- HDF MK088 from OPDC
- Received 06/07/2011
- Male, aged 46, GBA mutation N370S
- Reprogrammed at UOXF JMSCF
- Reprogrammed on 09/01/2012 at passage 5
- Yamanaka retroviruses OSKMN

# Mycoplasma Test: undetectable in HDF prior to reprogramming

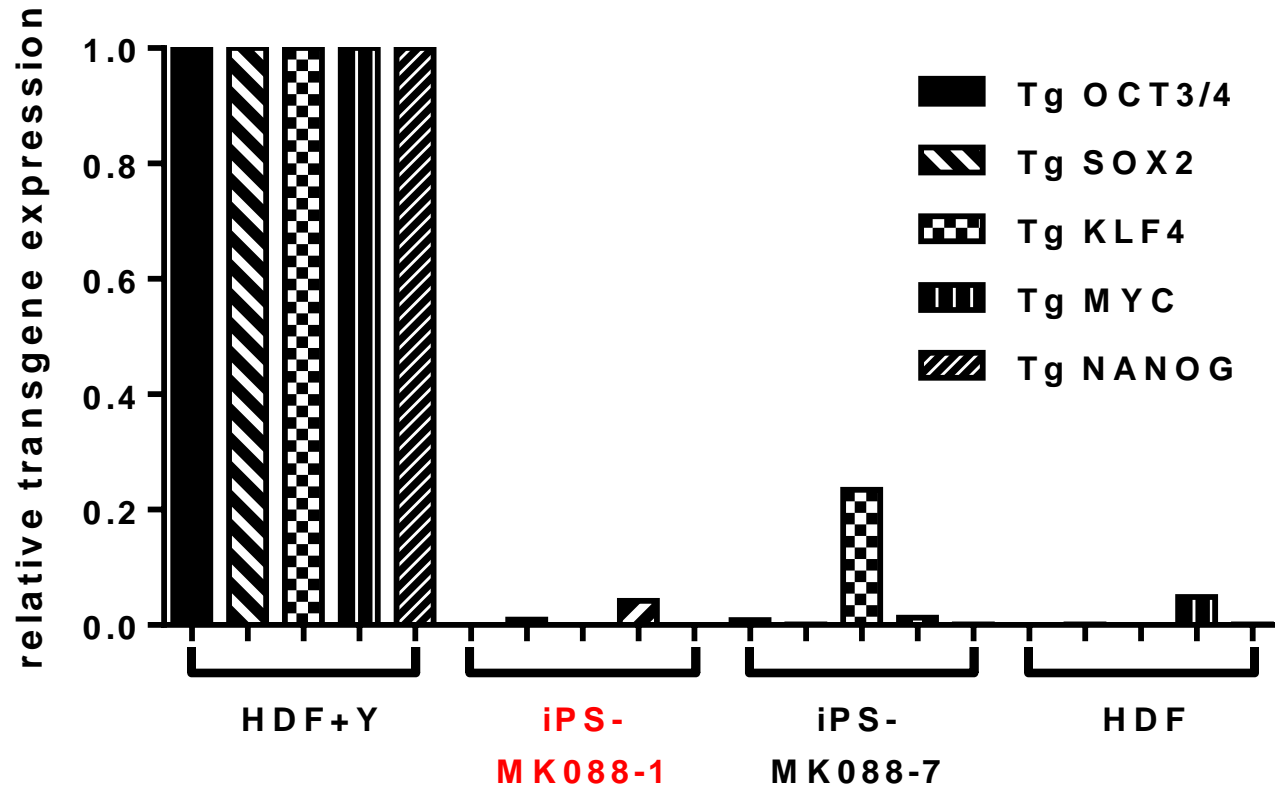
134	Project number	Date	20/6/12 cont.	Book number	6
Project / experiment title					
References			Continued from page		
<u>Mycoplasma testing</u>					
→ Philipp as Renny was sending some samp					
NHDF JRO40 p4					
" MK088 p5					
} -ve for mycoplasma.					

# Photo p16

(scale bar = 100 $\mu$ m)

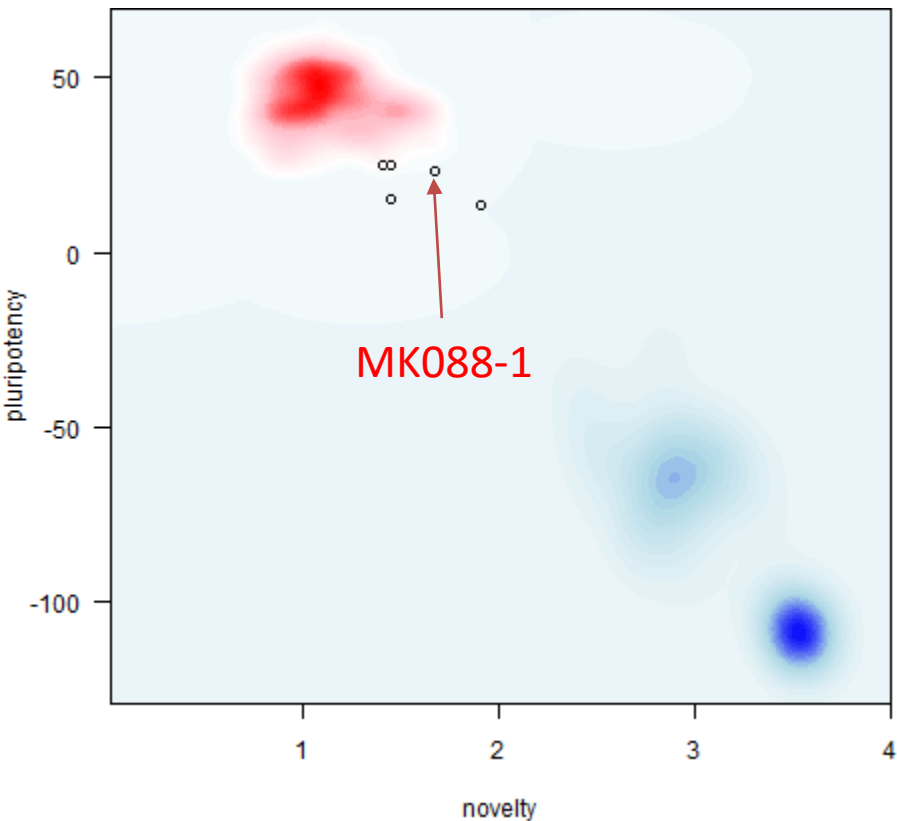


# Silencing of transgenes



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

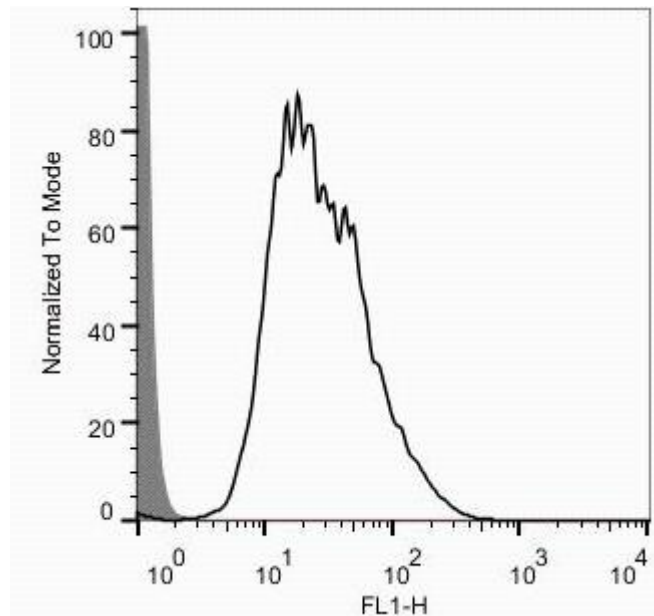
# PluriTest analysis of Illumina HT12v4 transcriptome array p11



	pluri-raw	pluri logit-p	novelty	novelty logit-p	RMSD
iPS.MK082.26	25.29	1	1.46	0.02	0.41
iPS.MK082.30	15.37	1	1.46	0.02	0.46
iPS.MK082.31	24.89	1	1.42	0.01	0.40
<b>iPS.MK088.1</b>	<b>23.43</b>	<b>1</b>	<b>1.67</b>	<b>0.13</b>	<b>0.50</b>
iPS.MK088.7	13.57	1	1.91	0.63	0.60

# Flow cytometric analysis of pluripotency markers passage 16

Tra-1-60:



# SNP analysis

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

- Passage 11
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected



