



Certificate of analysis

iPS MK088-7

Operator: Jane Vowles

Date: 06/01/2016

Supervisor: Sally Cowley

Date: 19.05.2016

Signature: *SACowley*

Source of fibroblasts and reprogramming information

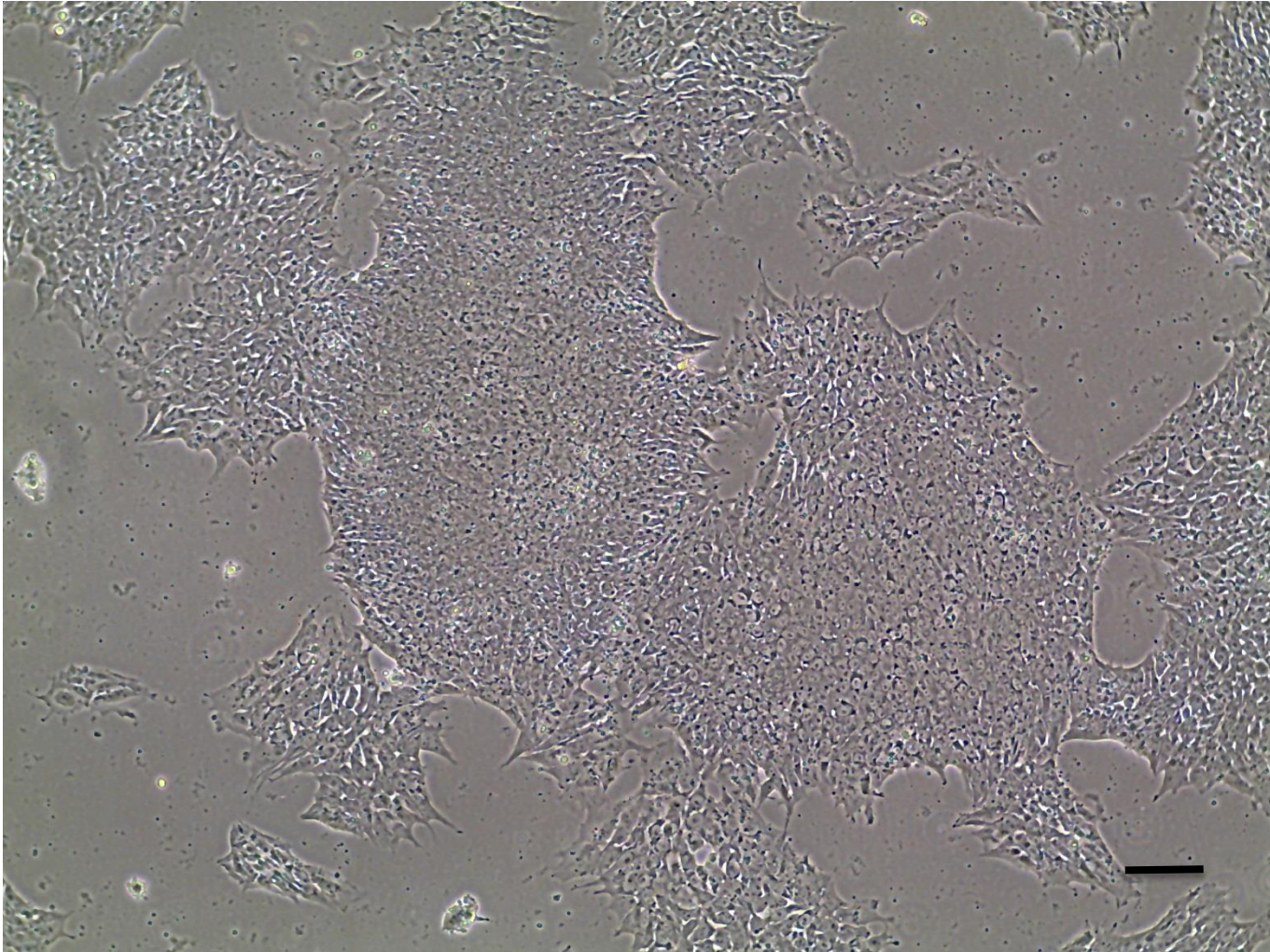
- HDF MK088 from OPDC
- Received 06/07/2011
- Male, aged 46, GBA mutation N370S
- Reprogrammed at UOXF JMSCF
- Reprogrammed on 19/07/2012 at passage 4
- Yamanaka retroviruses OSKMN

Mycoplasma Test: undetectable in HDF prior to reprogramming

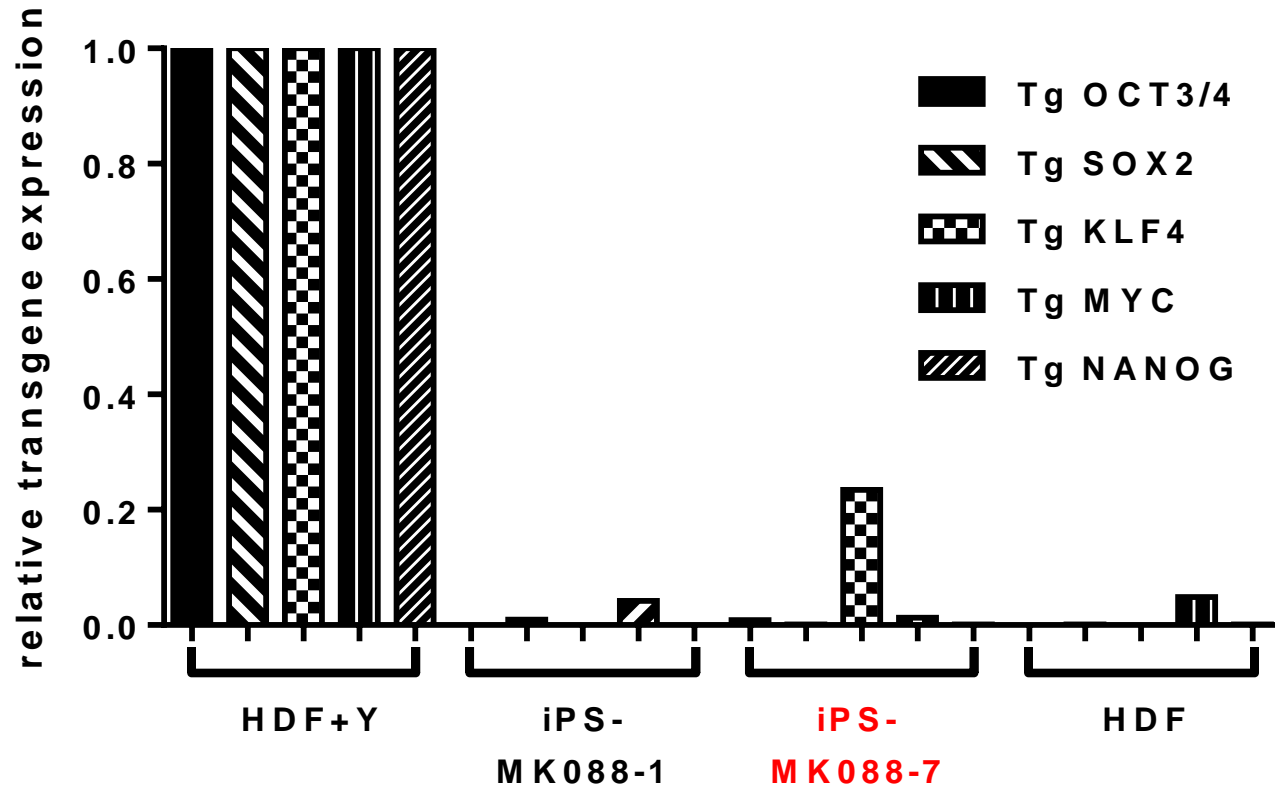
134	Project number	Date	20/6/12 cont.	Book number	6
Project / experiment title					
References			Continued from page		
<u>Mycoplasma testing</u>					
→ Philipp as Renny was sending some samp					
NHDF JRO40 p4					
" MK088 p5					
} -ve for mycoplasma.					

Photo p18

(scale bar = 100 μ m)

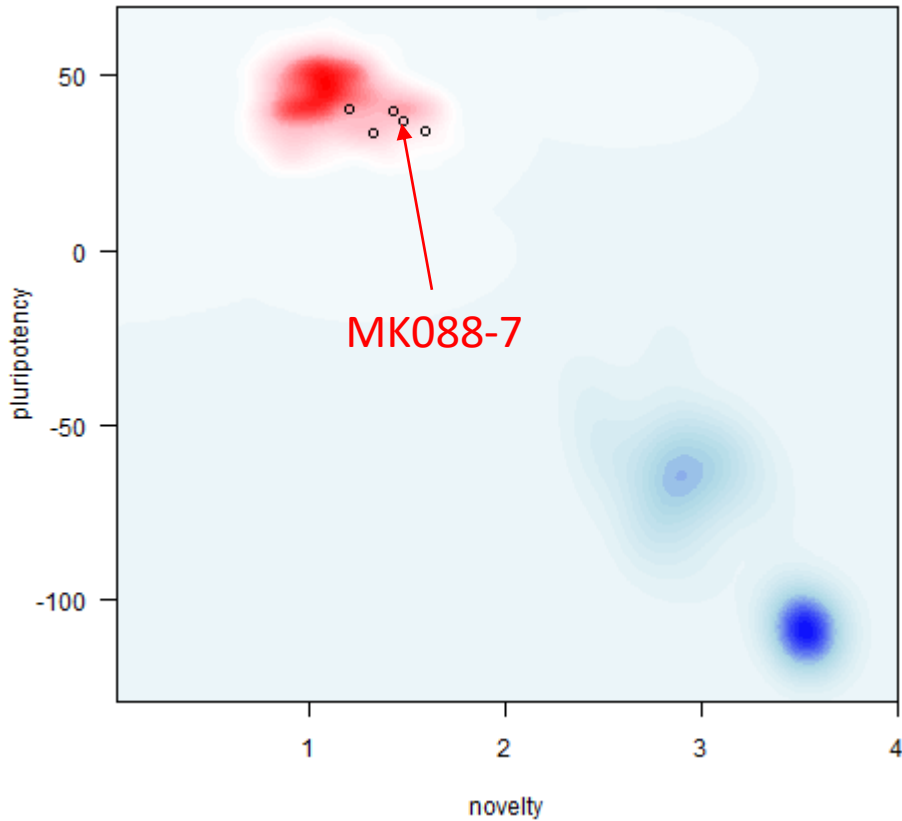


Silencing of transgenes p12



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

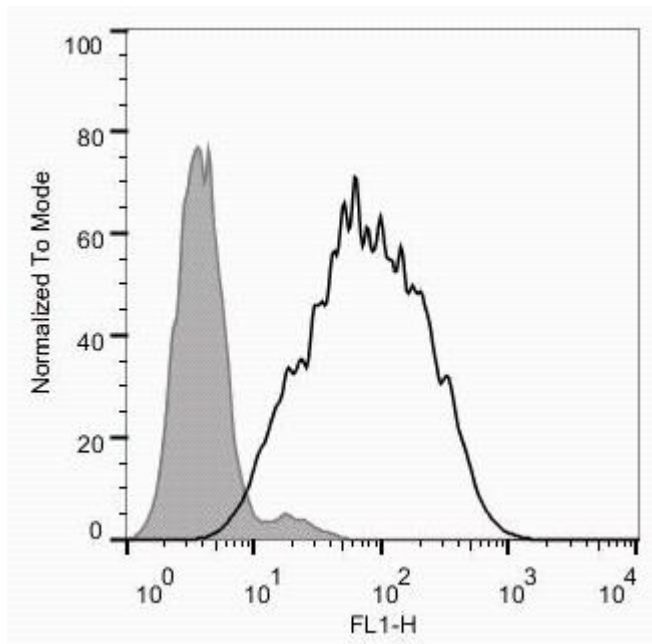
PluriTest analysis of Illumina HT12v4 transcriptome array



	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 12

Tra-1-60:



SNP analysis

Illumina Human CytoSNP-12v2.1 beadchip array

- Passage 12
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected

