



Certificate of analysis

iPS JR053-6

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Date: 06/01/2016

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Date: 19.05.2016

Signature: *SACowley*

Source of fibroblasts and reprogramming information

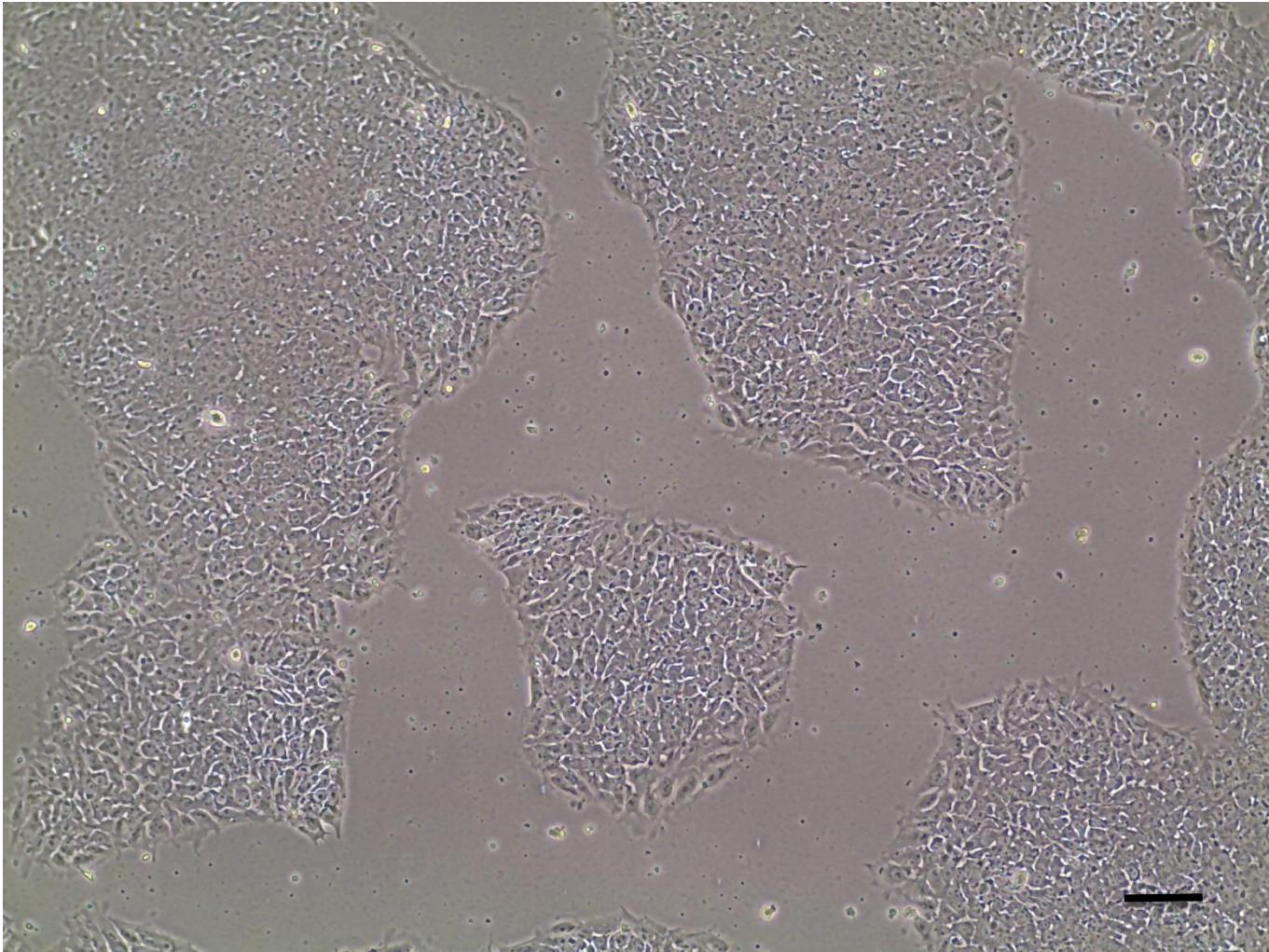
- HDF JR053 from OPDC
- Received 04/04/2011
- Male, aged 68, control
- Reprogrammed at UOXF JMSCF
- Reprogrammed on 28/10/2011 at passage 5
- Yamanaka retroviruses OSKMN

Mycoplasma Test: undetectable in HDF prior to reprogramming

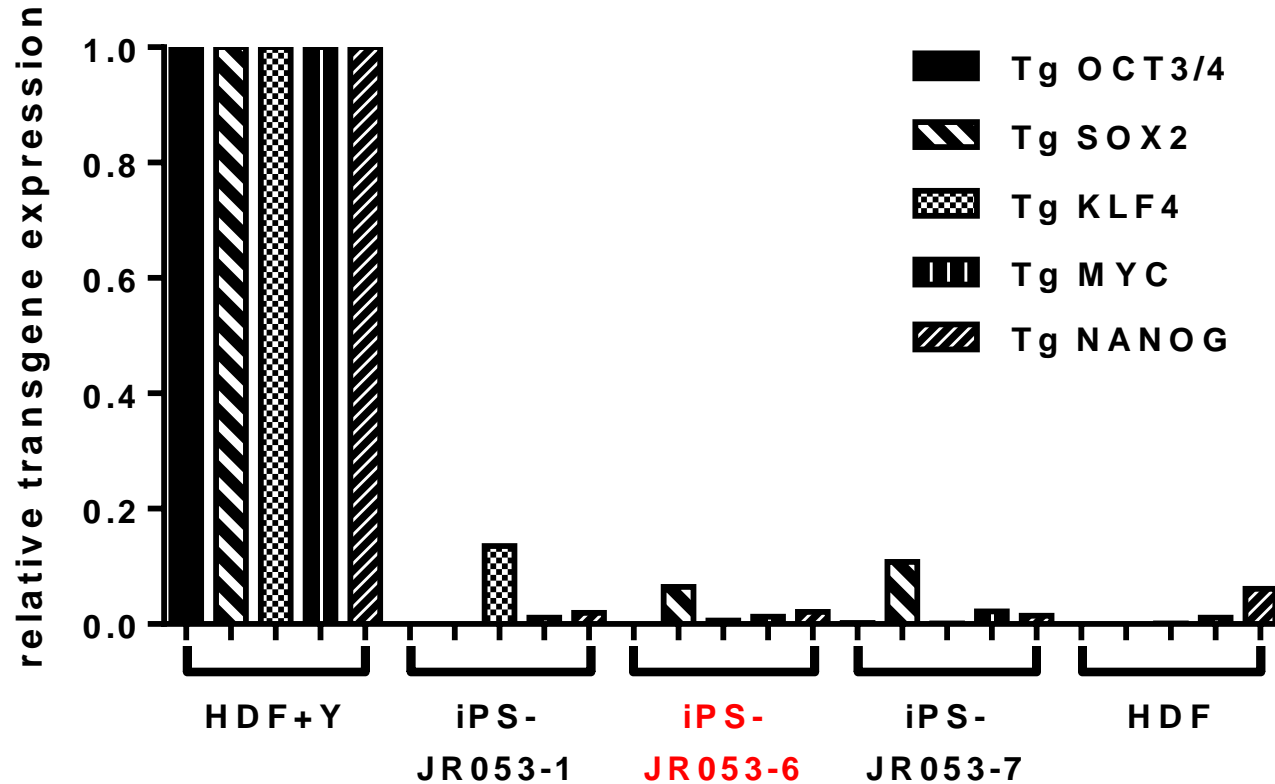
Block number	Project number	Wed	Date	25/05/2011	179
Object / experiment title	continued.				
References	Continued from page				
⑤	120511	Reprogramming	Day 14		
	+ 1ml cm supplemented with		bFGF	± enhancers	
	as before.			⇒ 10ng/ml.	
⑥	Samples sent for mycoplasma testing				
	NHDF	JR033	p5	-	PASS
	NHDF	JR053	p5	-	PASS
	IPS	JR023-5		-	INCONCLUSIVE ∴ repeat

Photo p13

(scale bar = 100 μ m)

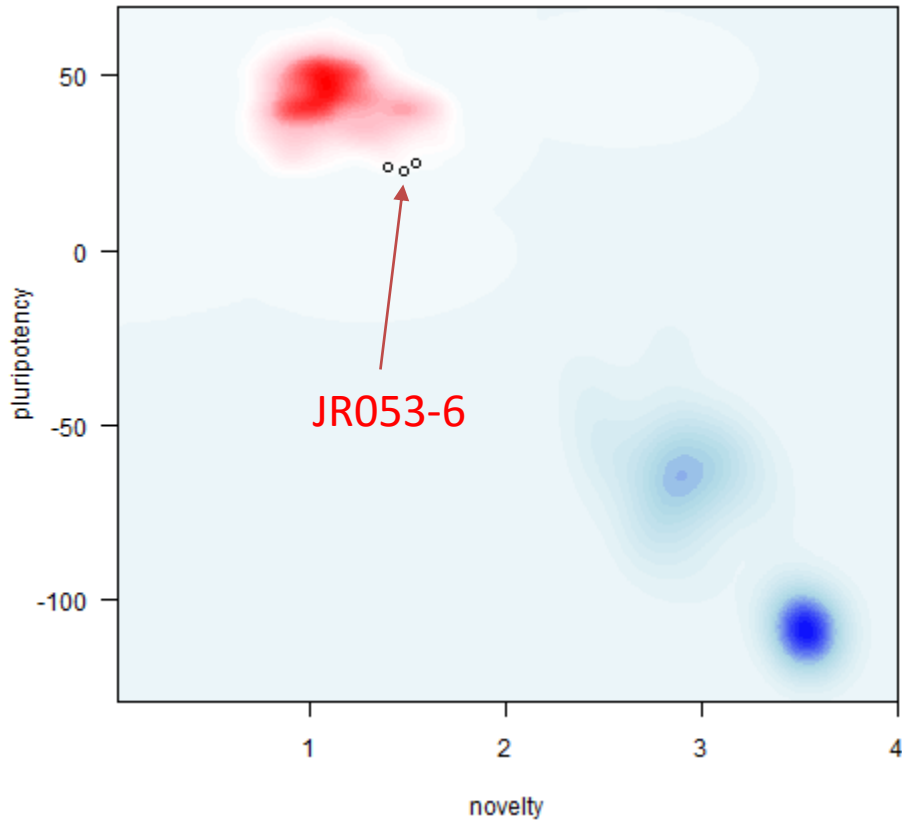


Silencing of transgenes



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

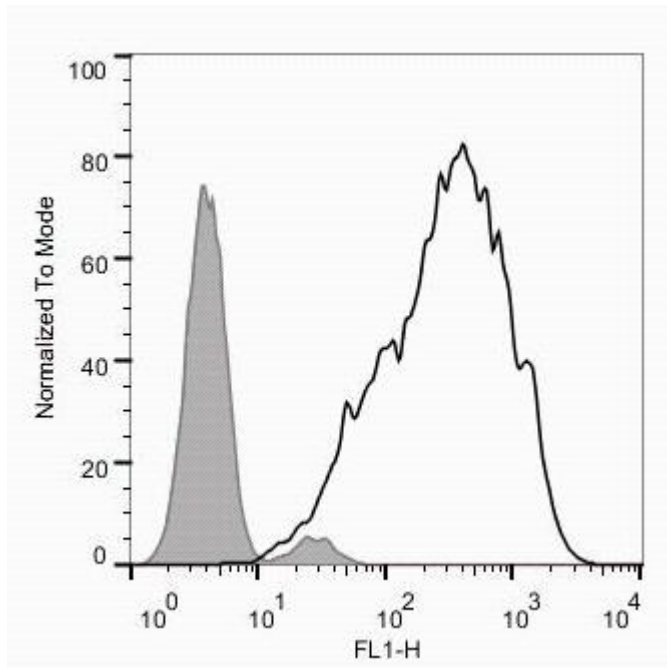
PluriTest analysis of Illumina HT12v4 transcriptome array p17



	pluri-raw	pluri logit-p	novelty	novelty logit-p	RMSE
iPS.JR053.1	23.91	1	1.4	0.01	0.4
iPS.JR053.6	22.77	1	1.48	0.02	0.42
iPS.JR053.7	24.81	1	1.54	0.04	0.4

Flow cytometric analysis of pluripotency markers passage 15

Tra-1-60:



SNP analysis

Illumina Human OmniExpress v1.1/
beadchip array

- Passage 20
- Identity to parent fibroblasts confirmed
- Karyotype abnormalities: none detected

