

Donor data for CIRM line: CW10130

	Description	FATTY LIVER DISEASE DEFINITE NASH
	Affected Status	Yes
	Product	iPSC
	Source	РВМС
	Affected Status Product Product iPSC Source PBMC Sex Male Age at Sampling Race Ethnicity Not Hispanic or Latino Publications Cited dbGap No Biopsy Source Blood Collection Liver Diseases Cell Type Stem Cell Transformant Species Sapiens Common Name Detailed Clinical Data Liver Disease Body Mass Index Hypertipidemia Yes Yes Male Age at Sampling Asian BiopsC Asian Biops	Male
	Age at Sampling	36 YR
	Race	Asian
Affected Status Yes	Not Hispanic or Latino	
	Publications Cited	0
(source: CIRM)	dbGap	Yes iPSC PBMC Male 36 YR Asian Not Hispanic or Latino 0 No Blood Liver Diseases Stem Cell Induced pluripotent stem cell Episomal sapiens human false LiverDisordersNASH Fatty Liver Disease 28.5 No No Yes None Yes Yes normal 2014
	Biopsy Source	
	Collection	Liver Diseases
	Cell Type	Stem Cell
	Product iPSC	Induced pluripotent stem cell
	Transformant	Episomal
	Species	sapiens
	Common Name	human
	Detailed Clinical Data	false
	LiverDisordersNASH	LiverDisordersNASH
	Diagnosis	Fatty Liver Disease
	Body Mass Index	28.5
	Hypertension	No
	Diabetes	iPSC PBMC Male 36 YR Asian Not Hispanic or Latino 0 No Blood Liver Diseases Stem Cell Induced pluripotent stem cell Episomal sapiens human false LiverDisordersNASH Fatty Liver Disease 28.5 No No Yes None Yes Yes normal 2014
Clinical data	Hyperlipidemia	Yes
Detailed Clinical Data false LiverDisordersNASH LiverDisordersNASH Diagnosis Fatty Liver Disease Body Mass Index 28.5 Hypertension No Diabetes No Hyperlipidemia Yes Alcohol Consumption None HBsAg negative Yes HCV antibody negative Yes ANA or IgG result normal	None	
	HBsAg negative	Yes
	Yes	
	normal	
	Liver biopsy (year)	2014
	Steatosis score (0-3)	2



Ballooning score (0-2)	1
Lobular inflammation score (0-3)	1
NAS score (0-8)	4
Fibrosis score (0-4)	0
NASH diagnosis by pathologist	Definite NASH

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Certificate of Analysis

Product Name: Human iPSC Passage Number: 10

Catalog Number: CW10130FF1

Test Parameter	Specification	Result
Identity Confirmation	No more than 1 SNP difference between clone and donor	Pass
Gene Expression	Classified as iPSC	Pass
Plasmid Loss	Evidence of Plasmid Loss	Pass
Mycoplasma	< LOD mycoplasma gDNA	Pass
Karyotype	iPS line has normal karyotype or reflects karyotype state (normal or abnormal) of donor	Pass
Sterility	Negative for Bacteria and Fungus	Pass

The signature below indicates that this lot of cells meets the specifications and may be released for distribution.

Quality Assurance Approval:	Melissa	Collins	Date: 04Feb2016	
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