

Donor data for CIRM line: CW10130

Demographic (source: CIRM)	Description	FATTY LIVER DISEASE DEFINITE NASH
	Affected Status	Yes
	Product	iPSC
	Source	PBMC
	Sex	Male
	Age at Sampling	36 YR
	Race	Asian
	Ethnicity	Not Hispanic or Latino
	Publications Cited	0
	dbGap	No
	Biopsy Source	Blood
	Collection	Liver Diseases
	Cell Type	Stem Cell
	Tissue Type	Induced pluripotent stem cell
	Transformant	Episomal
	Species	sapiens
	Common Name	human
Detailed Clinical Data	false	
Clinical data (source: CIRM)	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
	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

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