

Donor data for CIRM line: CW10149

Demographic (source: CIRM)	Description	CONTROL: NO LIVER DISEASE CHRONIC LUNG DISEASE (SELF-REPORTED): ASTHMA
	Affected Status	No
	Product	iPSC
	Source	PBMC
	Sex	Male
	Age at Sampling	38 YR
	Race	Asian
	Ethnicity	Not Hispanic or Latino
	Publications Cited	0
	dbGap	No
	Biopsy Source	Blood
	Collection	Control, Liver Diseases, Lung 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)	LiverControl	LiverControl
	Diagnosis	Healthy Control
	Prior Hospitalization	Yes
	If yes, reason for hospitalization	PNEUMONIA, KNEE SURGERY
	Prior Surgery	Yes
	If yes, type of surgery	KNEE, HAND
	Alcohol Consumption	7 drinks per week
	History of Hepatitis A	No
	History of Hepatitis B	No
	History of Hepatitis C	No
History of Other Hepatitis	No	

History of Jaundice	No
History of Mononucleosis	No
History of HIV Infection	No
AST IU/L (range 10-41)	63
ALT IU/L (range 10-40)	47
Alkaline phosphatase mg/dL (range 605-1536)	65
Bilirubin mg/dL (range 0.1-1.2)	0.4
HCV antibody	Negative
PulmonarySharedControl	PulmonarySharedControl
Smoking Status	Never
Form of Tobacco	Cigarettes
History of chronic lung disease	Yes
Chronic lung disease(s) present	Asthma
Experienced a cough at least 4 days a week for at	No
Experienced breathlessness that limits ability to	None
Used or been prescribed oxygen	No
Had a transplant (bone marrow peripheral stem cell)	No
Active cancer or cancer diagnosis in the past 2 yes	No
Family history of pulmonary fibrosis	No

Certificate of Analysis

Product Name: Human iPSC

Passage Number: 10

Catalog Number: CW10149EE1

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: 23Feb2016