

Donor data for CIRM line: CW70067

Demographic (source: CIRM)	Description	CONTROL: NO COGNITIVE DECLINE (SELF-REPORTED) CONTROL: NON-DIABETIC WITHOUT AMD/DR/POAG (BASED ON EYE EXAM) CONTROL: NO CHRONIC LUNG DISEASE (SELF REPORTED)
	Affected Status	No
	Product	iPSC
	Source	PBMC
	Sex	Female
	Age at Sampling	21 YR
	Race	Asian
	Ethnicity	Not Hispanic or Latino
	Publications Cited	0
	dbGap	No
	Biopsy Source	Blood
	Collection	Alzheimer's Disease, Blinding Eye Diseases, Control, 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)	CognitiveSharedControl	CognitiveSharedControl
	History of significant memory changes in the past	No
	History of major depression or psychiatric illness	No
	History of seizures alcohol or drug abuse	No
	Montreal Cognitive Assessment (MOCA) score > 25/30	Don't know
	Parent or sibling with Alzheimer's Disease with ons	No
	OphthalmicSharedControl	OphthalmicSharedControl

Glaucoma	No
Age-Related Macular Degeneration	No
Diabetic	No
Diabetic retinopathy	No
Family history of eye diseases	No
PulmonarySharedControl	PulmonarySharedControl
Smoking Status	Never
History of chronic lung disease	No
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: CW70067DD1

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: 28Aug2015