Certificate of Analysis

Thaw and Culture Details

Cell Line Name	**SUSL-066_C5**	
WiCell Lot Number	**WB73568**	
Provider/Client	The Michael J. Fox Foundation for Parkinson's Research	
Banked By	WiCell	
Thaw and Culture Recommendations	WiCell recommends thawing 1 vial into 3 wells of a 6 well plate using mTeSR™Plus and Matrigel®.	
Protocol	WiCell Feeder Independent Pluripotent Stem Cell Protocol	
Culture Platform Prior to Freeze	Medium: mTeSR™Plus	Matrix: Matrigel®
Passage Number	p8 Cells were cultured for 7 passages prior to freeze and post colony selection. Plated cells at thaw should be labeled passage 8.	
Date Vialed	12-December-2025	
Vial Label	SUSL-066_C5 p8 WB73568 Store at -135C or colder Made in United States Research Use Only	
Biosafety and Use Information	Appropriate biosafety precautions should be followed when working with these cells. The end user is responsible for ensuring that the cells are handled and stored in an appropriate manner. WiCell is not responsible for damages or injuries that may result from the use of these cells. Cells distributed by WiCell are intended for research purposes only and are not intended for use in humans.	

Certificate of Analysis

Results

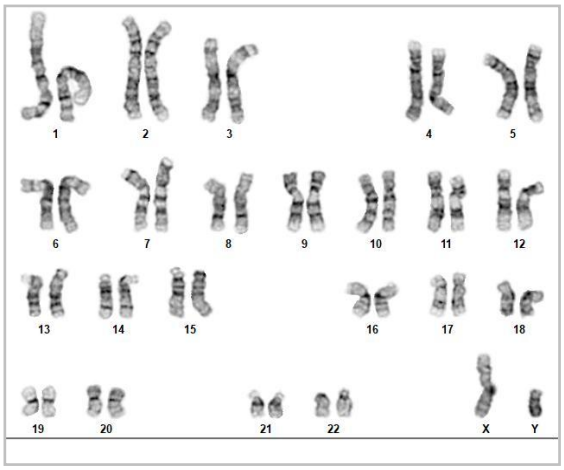
Test Description	Test Provider	Test Method	Test Specification	Result
Karyotype	WiCell	G-T-L Banding performed on 20 metaphase cells	Expected karyotype	See Report
	Results: 46,XY ***Interpretation:*** This is a normal karyotype; no clonal abnormalities were detected at the stated band level of resolution.			
Post-Thaw Viable Cell Recovery	WiCell	Thaw using specified Thaw & Culture Recommendations	≥ 15 Undifferentiated Colonies prior to passage, ≤ 30% Differentiation prior to passage, and recoverable attachment after passage	Pass
Identity by STR	WiCell	PowerPlex 16 HS System by Promega™	Consistent with STR profile of deposited cell line	See Report
Mycoplasma	WiCell	PCR	Amplification of mycoplasma specific DNA detected with negative result	Pass
Sterility	Steris	Native Product Direct Transfer using FTM and TSB (ST/07)	Negative for growth following 14 days of culture	Pass

Approval Date	WiCell Quality Assurance Approval
12-March-2026	3/12/2026 X HEB HEB WiCell Quality Assurance Signed by: Bruner, Haley

Chromosome Analysis Report: 110253

Date Reported: December 26, 2025
Cell Line: SUSL-066_C5-WB73568
Submitted Passage #: 8
Date of Sample: 12/19/2025
Specimen: Human IPSC
Results: 46,XY

Cell Line Sex: Male
Reason for Testing: LOT_RELEASE
Investigator: WiCell Stem Cell Bank, WiCell



Cell: 37
Slide: G03
Slide Type: Karyotype

Total Counted: 20
Total Analyzed: 8
Total Karyogrammed: 4
Band Resolution: 425 - 475

Interpretation:

This is a normal karyotype; no clonal abnormalities were detected at the stated band level of resolution.

Completed by: Dawn Davis, CG(ASCP)
Reviewed and Interpreted by: Justin Schleede, PhD, FACMG

For internal use only

Date:_____ **Sent By:**____ **Sent To:**_____ **QC Review By:** ____

Limitations: This assay allows for microscopic visualization of numerical and structural chromosome abnormalities. The size of structural abnormality that can be detected is >3-10Mb, dependent upon the G-band resolution obtained from this specimen. For the purposes of this report, band level is defined as the number of G-bands per haploid genome. It is documented here as "band level", i.e., the range of bands determined from the four karyograms in this assay. Detection of heterogeneity of clonal cell populations in this specimen (i.e.,mosaicism) is limited by the number of metaphase cells examined, documented here as "# of cells counted".

Short Tandem Repeat

Requestor: WiCell Stem Cell Bank, WiCell
Sample Receipt Date: 18Dec25, 19Dec25
STR Amplification Date: 23Dec25

Sample Name	SUSL-067_C10-WB73567 p9	SUSL-066_C5-WB73568 p8	SUSL-067_C12-WB73573 p9
WiCell CTR No.[1]	110248	110253	110254
FGA			
TPOX			
D8S1179			
vWA			
Amelogenin			
Penta_D			
CSF1PO			
D16S539			
D7S820			
D13S317			
D5S818			
Penta_E			
D18S51			
D21S11			
TH01			
D3S1358			
Allelic Polymorphisms	27	28	27
Matches[2]	110161, 110254, 110170, 110190	109653, 109990, 110160, 110118	110161, 110248, 110170, 110190
Comments			

[redacted]
Identifying information has been redacted to protect donor confidentiality. If more information is required, please contact info@wicell.org

[1] CTR No.: Characterization Test Request Number; also known as a laboratory accessioning number.
[2] The STR profile of the sample(s) listed are a 100% match for the given sample unless otherwise specified.

Short Tandem Repeat

Requestor: WiCell Stem Cell Bank, WiCell
Sample Receipt Date: 18Dec25, 19Dec25
STR Amplification Date: 23Dec25

Assay Description: Short Tandem Repeat (STR) analysis is performed using the PowerPlex® 16 HS System by Promega™. Results are reported as 13 CODIS STR markers, Amelogenin for sex determination and two low-stutter, highly discriminating pentanucleotide STR markers.

Results: The genotypic profiles comprise a range of 27-28 allelic polymorphisms across the 15 STR loci analyzed.

Interpretation: The concentration of DNA required to achieve an acceptable STR genotype (signal/ noise) was equivalent to that required for the standard procedure (~1 ng/amplification reaction) from human genomic DNA. These results suggest that the cells submitted correspond to the cell lines as named and were not contaminated with any other human cells or a significant amount of mouse feeder layer cells.

Sensitivity: Sensitivity limits for detection of STR polymorphisms unique to either this or other human cell lines is ~2-4%.

12/30/2025 X Steph Dos Santos Tech #1 Characterization Signed by: Dos Santos, Stephany	12/30/2025 X Michael Mussar Tech #2 Characterization Signed by: Mussar, Michael	12/30/2025 X Hunter Hefti QA Review Quality Assurance Signed by: Hefti, Hunter

Mycoplasma Assay Report

PCR-based assay performed by WiCell
WiCell Stem Cell Bank, WiCell
22Dec25

Form SOP-83.01
Version 7.0

Sample Name	Result	Interpretation
SUSL-067_C12-WB73573 p9 (110254)	Negative	Band was not seen at 270bp, indicating the absence of mycoplasma.
SUSL-066_C5-WB73568 p8 (110253)	Negative	Band was not seen at 270bp, indicating the absence of mycoplasma.
SUSL-067_C10-WB73567 p9 (110248)	Negative	Band was not seen at 270bp, indicating the absence of mycoplasma.
Positive (+) Control	Positive	
Negative (-) Control	Negative	

Assay Description
Sample is tested for presence of mycoplasma using EZ-PCR™ Mycoplasma Detection Kit (Sartorius).

12/22/2025 X Jacob Chow Tech #1 Characterization Signed by: Chow, Jacob	12/23/2025 X Michael Mussar Tech #2 Characterization Signed by: Mussar, Michael	12/23/2025 X Hunter Hefti QA Review Quality Assurance Signed by: Hefti, Hunter

A gel image is available upon request.

Native Product Sterility Report

STERIS

WiCell Research Institute
504 S Rosa Road, Rm 101
Madison, WI 53719

SAMPLE #: 26010721
DATE RECEIVED: 29-Jan-26
TEST INITIATED: 30-Jan-26
TEST COMPLETED: 13-Feb-26

SAMPLE NAME / DESCRIPTION:
ZFN 1.13-WB69974
SUSL-073_C3-WB69976
SUSL-073_C8-WB69975
SUSL-066_C2-WB69973
SUSL-073_C10-WB70383
ZFN 1.7-WB70384
SUSL-067_C10-WB73567
SUSL-066_C5-WB73568
SUSL-067_C12-WB73573
SUSL-067_C9-WB73565
SUSL-066_C4-WB73572
H9-CAG-ChR2-EYFP-WB73692
H9-CAG-ChR2-EYFP-WB73695
CVCL_C7VX-WB73547
CVCL_C7VJ-WB73546
CVCL_C7UX-WB73545
CVCL_C7VD-WB73537

UNIQUE IDENTIFIER: N/A

TEST RESULTS:

# Tested	# Positives (Growth)	- Control
17	0	2 Negatives

TEST SUMMARY:

# Samples	Media Type	Volume (mL)	Incubation Temperature (° C)	Incubation Duration (Days)
17	TSB	40	20-25	14
17	FTG	40	30-35	14

REFERENCE: Processed according to LAB-003: Sterility Test Procedure
PD #: 000053
TEST METHODOLOGY: USP - Direct Transfer

Native Product Sterility Report

STERIS

COMMENTS: Sample 26010721

AUTHORIZED BY Lee Vang DATE 17Feb26

Specific test results may not be indicative of the characteristics of any other samples from the same lot or similar lots. This test report shall not be reproduced, except in full, without prior written approval. Liability is limited to the costs of the tests.Results applied to samples as received.