



Certificate of Analysis

Thaw and Culture Details

Cell Line Name	SUSL-066_C2	
WiCell Lot Number	WB69973	
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	p10 Cells were cultured for 9 passages prior to freeze and post colony selection. Plated cells at thaw should be labeled passage 10.	
Date Vialied	25-October-2025	
Vial Label	SUSL-066_C2 p10 WB69973 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
	<p>Results: 46,XY Interpretation: This is a normal karyotype; no clonal abnormalities were detected at the stated band level of resolution.</p>			
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	<div style="text-align: right; font-size: small;">3/12/2026</div> <div style="border: 1px solid black; padding: 2px; width: fit-content;"> <input checked="" type="checkbox"/> HEB <small>HEB WiCell Quality Assurance Signed by: Bruner, Halley</small> </div>

Date Reported: December 01, 2025

Cell Line Sex: Male

Cell Line: SUSL-066_C2-WB69973

Reason for Testing: LOT_RELEASE

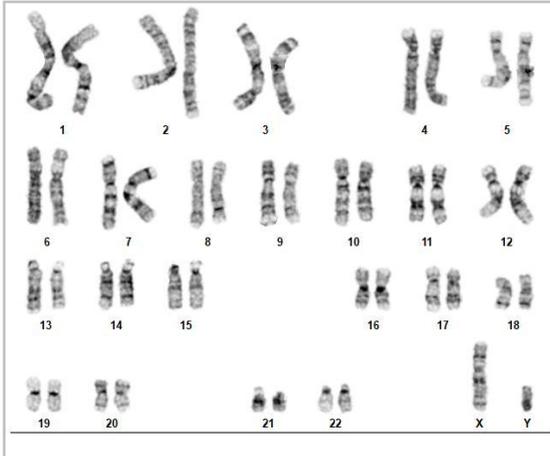
Submitted Passage #: 10

Date of Sample: 11/25/2025

Investigator: WiCell Stem Cell Bank, WiCell

Specimen: Human iPSC

Results: 46,XY



Cell: 10

Slide: G02

Slide Type: Karyotype

Total Counted: 20

Total Analyzed: 8

Total Karyogrammed: 4

Band Resolution: 425 - 450

Interpretation:

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

Completed by: Davena Lira, 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".

This assay was conducted solely for listed investigator/institution. The results of this assay are for research use only. Unless otherwise mutually agreed in writing, the services provided to you hereunder by WiCell Research Institute, Inc. ("WiCell") are governed solely by WiCell's Terms and Conditions of Service, found at www.wicell.org/privacyandterms. Any terms you may attach to a purchase order or other document that are inconsistent, add to, or conflict with WiCell's Terms and Conditions of Service are null and void and of no legal force or effect.



Short Tandem Repeat

Form SOP-89.01
Version 15.0

Requestor: WiCell Stem Cell Bank, WiCell
Sample Receipt Date: 17Nov25, 24Nov25, 25Nov25
STR Amplification Date: 02Dec25

Sample Name	SUSL-066_C2-WB69973 p10	SUSL-073_C3-WB69976 p7	SUSL-073_C8-WB69975 p7	ZFN 1.13-WB69974 p81	SUSL-046_C1-WB69114
WiCell CTR No. ¹	109990	109969	109968	109967	109889
FGA	Identifying information has been redacted to protect donor confidentiality. If more information is required, please contact info@wicell.org				
TPOX					
D8S1179					
vWA					
Amelogenin					
Penta_D					
CSF1PO					
D16S539					
D7S820					
D13S317					
D5S818					
Penta_E					
D18S51					
D21S11					
TH01					
D3S1358					
Allelic Polymorphisms	28	24	24	28	27
Matches ²	109653	109661, 109660, 109669, 109968	109661, 109660, 109669, 109969	109585, 109597, 109596	109464, 109397, 109580, 109897, 109398
Comments					

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

Form SOP-89.01
Version 15.0

Requestor: WiCell Stem Cell Bank, WiCell
Sample Receipt Date: 17Nov25, 24Nov25, 25Nov25
STR Amplification Date: 02Dec25

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 24-28 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%.

12/5/2025	12/5/2025	12/5/2025
<p>X Amber Kuhn</p> <hr/> <p>Tech #1 Characterization Signed by: Kuhn, Amber</p>	<p>X Michael Mussar</p> <hr/> <p>Tech #2 Characterization Signed by: Mussar, Michael</p>	<p>X Manda Weber</p> <hr/> <p>QA Review Quality Assurance Signed by: Weber, Manda</p>

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Mycoplasma Assay Report

PCR-based assay performed by WiCell
WiCell Stem Cell Bank, WiCell
03Dec25

Form SOP-83.01
Version 7.0

Sample Name	Result	Interpretation
Incubator 839 26Nov25 MEF 1/1 (110012)	Negative	Band was not seen at 270bp, indicating the absence of mycoplasma.
Incubator 994 26Nov25 KC 1/1 (110011)	Negative	Band was not seen at 270bp, indicating the absence of mycoplasma.
Incubator 994 26Nov25 JG 1/1 (110010)	Negative	Band was not seen at 270bp, indicating the absence of mycoplasma.
SUSL-066_C2-WB69973 p10 (109990)	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).

12/3/2025	12/4/2025	12/4/2025
X Dylan Peters <hr/> Tech #1 Characterization Signed by: Peters, Dylan	X Jacob Chow <hr/> Tech #2 Characterization Signed by: Chow, Jacob	X Hunter Hefti <hr/> QA Review Quality Assurance Signed by: Hefti, Hunter

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A gel image is available upon request.

Native Product Sterility Report



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



COMMENTS: Sample 26010721

AUTHORIZED BY Lee Yang

DATE 17 Feb 26

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.