Thaw and Culture Details

Cell Line Name	**SCRP2305i**
WiCell Lot Number	**DB42054**
Provider	The Scripps Research Institute – Laboratory of Dr. Eric Topol
Banked By	Scripps Research Institute – Laboratory of Dr. Kristin Baldwin
Thaw and Culture Recommendations	WiCell recommends thawing 1 vial into 3 wells of a 6 well plate. WiCell recommends thawing using ROCK Inhibitor for best results.
Culture Platform	Feeder Independent
	Medium: mTeSR™1
	Matrix: Matrigel®
Protocol	WiCell Feeder Independent mTeSR™1 Medium Protocol
Passage Number	p14 These cells were cultured for 14 passages after colony picking prior to freeze. Add +1 to the passage number to best represent the overall passage number of the cells at thaw.
Date Vialed	20-September-2015
Vial Label	KBET2305i passsage14 SEPT.20, 2015
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.

Testing Performed by WiCell

Test Description	Test Provider	Test Method	Test Specification	Result
Karyotype by G-banding	WiCell	SOP-CH-003	Expected karyotype	See Report
Post-Thaw Viable Cell Recovery	WiCell	SOP-CH-305	Recoverable attachment after passage	Pass
Identity by STR	UW Translational Research Initiatives in Pathology Laboratory	PowerPlex 16 HS System by Promega	Defines profile	Pass
Sterility	Steris	ST/07	Negative	Pass
Mycoplasma	WiCell	SOP-CH-044	Negative	Pass

Testing Reported by Provider

The Provider stated that some or all of the additional analyses listed below may have been performed for this cell line. For more information, publication and dbGaP links, where available, are provided on the cell line specific web page on the WiCell website.

- HumanCore Exome Kit
- Methylation
- Tra1-60 marker expression via flow cytometry
- Infinium® Expanded Multi-Ethnic Genotyping Array (MEGA[EX])

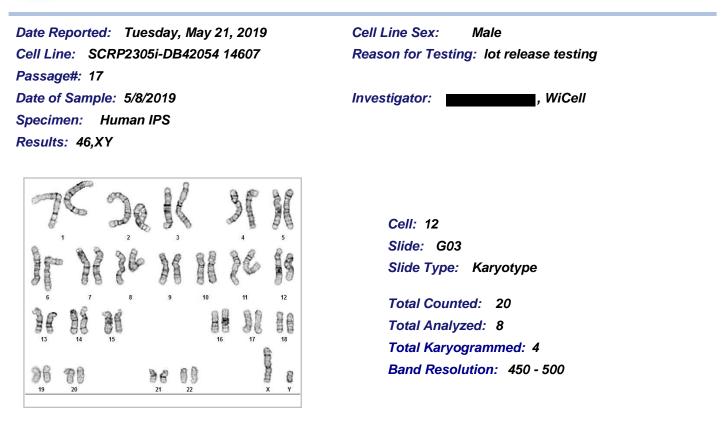| Approval Date	Quality Assurance Approval
09-September-2016	12/13/2019 X HEB HEB Quality Assurance Signed by: Bruner, Haley

Chromosome Analysis Report: 076529

Date Reported: **Tuesday, May 21, 2019**

Cell Line: **SCRP2305i-DB42054 14607**

Passage#: 17

Date of Sample: 5/8/2019

Specimen: Human IPS

Results: 46,XY

Cell Line Sex: Male

Reason for Testing: lot release testing

Investigator: **, WiCell**

Cell: 12

Slide: G03

Slide Type: Karyotype

Total Counted: 20

Total Analyzed: 8

Total Karyogrammed: 4

Band Resolution: 450 - 500

Interpretation:

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

Completed by: **, CG(ASCP)**

Reviewed and Interpreted by: **, PhD, FACMG**

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

Short Tandem Repeat Analysis

TRIPath
HISTOLOGY - IHC - MOLECULAR - IMAGING

Department of Pathology and Laboratory Medicine
TRIP Laboratory (Molecular)
https://research.pathology.wisc.edu/trip-home/
(608) 265-9168

WiCell
Your Lab Partner

characterization@wicell.org
(608) 316-4145

Sample Report:
14607-STR
Sample Name on Tube: 14607-STR
154.6 ng/µL, (A260/280=1.97)
Sample Type: Cells
Cell Count: ~2 million cells

Requestor:
WiCell Research Institute
Quality Assurance Department

Receive Date: 05/13/19
Report Sent: 05/21/19
Assay Date: 05/14/19
File Name: STR 190515 wmr
Report Date: 05/20/19

STR Locus	STR Genotype Repeat #	STR Genotype
FGA	16–18,18.2,19,19.2,20,20.2,21,21.2,22, 22.2, 23, 23.2, 24, 24.2, 25, 25.2, 26–30, 31.2, 43.2, 44.2,45.2, 46.2	Identifying information has been redacted to protect donor confidentiality. If more information is required, please, contact WiCell's Technical Support.
TPOX	6-13	
D8S1179	7-18	
vWA	10-22	
Amelogenin	X,Y	
Penta_D	2.2, 3.2, 5, 7-17	
CSF1PO	6-15	
D16S539	5, 8-15	
D7S820	6-14	
D13S317	7-15	
D5S818	7-16	
Penta_E	5-24	
D18S51	8-10, 10.2, 11-13, 13.2, 14-27	
D21S11	24,24.2,25,25.2,26-28,28.2,29,29.2, 30, 30.2,31, 31.2,32,32.2,33,33.2, 34,34.2,35,35.2,36-38	
TH01	4-9,9.3,10-11,13.3	
D3S1358	12-20	

Results: Based on the 14607-STR cells submitted by WiCell QA dated and received on 05/13/19, this sample (Label on Tube: 14607-STR) defines the STR profile of the human cell line SCRP2305i comprising 27 allelic polymorphisms across the 15 STR loci analyzed.

Interpretation: No STR polymorphisms other than those corresponding to the human SCRP2305i cell line were detected and 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. This result suggests that the 14607-STR sample submitted corresponds to the SCRP2305i cell line and was 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 ~2-5%.

X *RMB*   **Digitally Signed on   05/21/19**

_____, BA
TRIP Laboratory, Molecular

X *WMR*   **Digitally Signed on   05/21/19**

_____, PhD, Director / Co-Director
UWHC Molecular Diagnostics Laboratory / UWSMPH TRIP Laboratory

Native Product Sterility Report

≋ STERIS

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

SAMPLE NAME / DESCRIPTION:

STAN011i-123-1	DB31129	14728
STAN012i-123-2	DB31135	14729
MCW066i-U2368	WB67169	14730
MCW049i-40001630	WB67173	14731
MCW083i-40000695	WB67174	14732
MCW092i-U2390	WB67175	14733
MCW094i-U7120	WB67177	14734
MCW095i-U2311	WB67185	14735
MCW088i-40000442	WB67186	14736
MCW089i-40000312	WB67187	14737
MCW080i-U2236	WB67188	14738
CBiPS-6.2	DB66959	14739
CBiPS-19.11	DB66960	14740
CBiPS-6.13	DB66961	14741
CBiPS-E12C1	DB66962	14742
CBiPS-E17C6	DB66963	14743
CBiPS-LZ6-1	DB66976	14744
CBiPS-LZ6-2	DB66977	14745
CBiPS-LZ6-12	DB66978	14746
Sendai-9-1	DB66967	14747
CBiPS-LZ6+3	DB66979	14748
029 iPS clone 4	DB66975	14749
retro-20.1	DB66966	14750
NiPSC	DB66965	14751
SCRP2101i	DB42034	14752
SCRP2115i	DB42040	14753
SCRP2208i	DB42043	14754*

UNIQUE IDENTIFIER: NA

STERIS Laboratories
9303 West Broadway Ave
Brooklyn Park, MN 55445

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LAB-003 rev 32 Form 5
Effective: Nov 29, 2018
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Native Product Sterility Report

≋ STERIS

TEST RESULTS:

# Tested	# Positives (Growth)	- Control
30	0	2 Negatives

TEST SUMMARY:

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

REFERENCE: Processed according to LAB-003: Sterility Test Procedure

PD #: 000053

TEST METHODOLOGY: USP - Direct Transfer

COMMENTS:

Sample #19052193

"Reported as" per packing slip

*SCRP2210i	DB42046	14755
SCRP2305i	DB42054	14756
WC044i-IVF15-36	WB67190	14757

REVIEWED BY _____   DATE 20 Jun 19

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.

STERIS Laboratories
9303 West Broadway Ave
Brooklyn Park, MN 55445

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Mycoplasma Assay Report

PCR-based assay performed by WiCell
Lot Release testing
06May19

#	Sample Name	Result	Comments/Suggestions
1	SCRP2305i-DB42054 14607	Negative	Band was not seen at 270bp, indicating the absence of mycoplasma.
2	Positive (+) Control	Positive	
3	Negative (-) Control	Negative	

Reported by: Gustavo Velazquez, Research Specialist- Cytogenetics

Reviewed by: Sondra Minter Cell Culture Specialist

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