



Thaw and Culture Details

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| Cell Line Name | FHS055i-sh4064A |
| WiCell Lot Number | DB67129 |
| Provider | Harvard Stem Cell Institute – Dr. Chad Cowan |
| Banked By | Harvard Stem Cell Institute – Dr. Chad Cowan |
| Thaw and Culture Recommendations | The Provider recommends thawing 1 vial into 2 wells of a 6 well plate. The Provider recommends thawing using ROCK Inhibitor for best results. |
| Culture Platform | Feeder Independent |
| | Medium: mTeSR1 |
| | Matrix: Matrigel |
| Protocol | WiCell Feeder Independent mTeSR™1 Protocol |
| Passage Number | p20 These cells were cultured for 19 passages prior to freeze and post colony picking. The Provider adds +1 to the passage number at freeze to best represent what the overall passage number of the cells at thaw. Plated cells at thaw should be labeled passage 20. |
| Date Vialied | 19-November-2013 |
| Vial Label | sh4064A date 11/19/2013 pass# p20 |
| 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 Reported by Provider

The provider has published the following testing and results for this cell line. A link to the relevant publication is provided on the cell line specific web page on the WiCell website.

| Test Description | Report |
|---------------------|----------------------|
| G-Banding Karyotype | Report not available |

The provider stated the some or all of the additional analyses below may also have been performed for this cell line. For more information, links to the publication(s) and dbGaP are provided on the cell line's web page on the WiCell website where available.

- RNA Expression via hPSC Scorecard
- SNP microarray
- Differentiation into white adipocytes and hepatocytes
- Mycoplasma

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The material provided under this certificate has been subjected to the tests specified and the results and data described herein are accurate based on WiCell's reasonable knowledge and belief. Appropriate Biosafety Level practices and universal precautions should always be used with this material. For clarity, the foregoing is governed solely by WiCell's Terms and Conditions of Service, which can be found at <http://www.wicell.org/privacyandterms>.



Please note: Prior to shipment of these cells, WiCell will perform the following characterization assays: post-thaw viable recovery, identity by STR, sterility, mycoplasma, and karyotype.

| Approval Date | Quality Assurance Approval |
|---------------|---|
| 18-July-2019 | <p style="text-align: right;">7/18/2019</p> <p>X JKG</p> <hr/> <p>JKG Quality Assurance Signed by: Gay, Jenna</p> |