



Thaw and Culture Details

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|----------------------------------|--|---|
| Cell Line Name | STAN020i-177-2 | |
| WiCell Lot Number | DB31121 | |
| Provider | Stanford University – Laboratory of Dr. Marlene Rabinovitch | |
| Banked By | Stanford University – Laboratory of Dr. Marlene Rabinovitch | |
| Thaw and Culture Recommendations | The Provider recommends thawing 1 vial into 1 well of a 6 well plate. | |
| Culture Platform | Feeder Independent | |
| | Medium: E8 | |
| | Matrix: Matrigel® | |
| Protocol | WiCell Feeder Independent E8 Medium Protocol | |
| Passage Number | p10 These cells were cultured for 10 passages prior to freeze and post reprogramming. Add +1 to the passage number to best represent the overall passage number of the cells at thaw. | |
| Date Vialied | 19-June-2015 | |
| Vial Label | 06/19/2015 E 177 D####-### ip 177FSVNOC2 P10 V##### | The label on vial only includes information applicable to the entire lot. " D####-###" and "V#####" are vial specific and therefore are not included on this CoA. |
| 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

| Test Description | Method | Result |
|------------------|----------------------|--------------------------------|
| Identity | SNP | iPSCs match the donor material |
| Mycoplasma | Lonza MycoAlert™ kit | Negative |

The Provider stated that the additional analysis 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.

- Infinium® Expanded Multi-Ethnic Genotyping Array (MEGA^{EX})

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 |
|---------------|--|
| 04-June-2016 | <div style="text-align: right; font-size: small;">6/4/2016</div> <div style="text-align: center; font-size: x-small;"> X JKG JKG Quality Assurance Signed by: Gay, Jenna </div> |