

iPSC Line Authentication Statement

All FUJIFILM Cellular Dynamics, Inc. (FCDI) products are manufactured from tissue-derived induced pluripotent stem cell (iPSC) lines that were produced by FCDI. Each tissue sample received by FCDI (an Original Sample) is assigned a unique 5-digit identification code (ID). FCDI uses SNP analysis on genomic DNA (gDNA) isolated from the Original Sample to establish a DNA fingerprint for each ID.

Each lot of the iPSC line and iPSC-derived differentiated cell type produced are identified by the Original Sample's ID and DNA fingerprinted to confirm identity with that Original Sample.

In the case a gene-edited iPSC is produced from a particular Original Sample, it is identified by the Original Sample's ID and confirmed using the DNA fingerprint. The gene-editing of the iPSC is confirmed using sequence analysis of the gene-edited region.

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