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(54) Title: METHOD OF GENERATING FUNCTIONAL ISLETS FROM PLURIPOTENT STEM CELLS

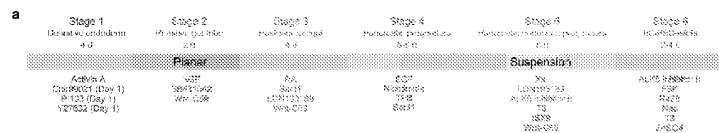


Fig. 1

(57) Abstract: Provided is a method of in vitro generating functional hPSC-islets, comprising a step of generating pancreatic endocrine progenitors from pancreatic progenitors by using a medium supplemented with ISX9 or a combination of ISX9 and Wnt-C59. Also provided are media used in the method, a population of cells including functional hPSC-islets generated by the method and uses thereof.

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