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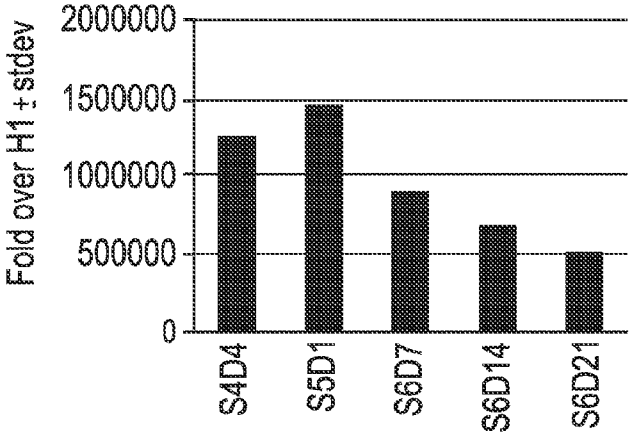
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(54) Title: CULTURING OF HUMAN EMBRYONIC STEM CELLS AT THE AIR-LIQUID INTERFACE FOR DIFFERENTIATION INTO PANCREATIC ENDOCRINE CELLS

FIG. 5A



(57) Abstract: The present invention provides methods, cell cultures and differentiation media to promote differentiation of pluripotent stem cells to pancreatic endocrine cells expressing PDX1, NKX6.1, and HB9 by culturing in a culture vessel at the air-liquid interface. The invention also provides for in vivo maturation of cells cultured at the air-liquid interface.

WO 2014/105543 A1