

ABSTRACT

DIFFERENTIATION OF HUMAN EMBRYONIC STEM CELLS

The present invention provides methods to promote the differentiation of pluripotent stem cells into insulin producing cells. In particular, the present invention provides a method to produce a population of cells expressing markers characteristic of the pancreatic endoderm lineage, wherein greater than 50% of the cells in the population co-express PDX1 and NKX6.1.

Fig 3a, 3b, 3c