

ABSTRACT**METHODS OF ENHANCING PLURIPOTENCY**

We provide for the use of Tbx3 (GenBank Accession Number: NM_005996.3, NP_005987.3, NM_016569.3, NP_057653.3) in a method of enhancing or inducing pluripotency in a cell such as a somatic cell. We describe a method of reprogramming a cell, the method comprising modulating the expression and/or activity of Tbx3 in the cell. The cell may become a pluripotent cell such as a stem cell. We further describe a method of causing a cell such as a somatic cell to display one or more characteristics of a pluripotent cell, the method comprising modulating the expression and/or activity of Tbx3 in the cell. The method may further comprise modulating the expression and/or activity of one or more, a combination of or all of Oct4, Sox2 and Klf4 in the cell.

Figure 4D