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(54) Title: IMPROVED REPROGRAMMING, MAINTENANCE AND PRESERVATION FOR INDUCED PLURIPOTENT STEM CELLS

(57) Abstract: Provided are methods and compositions for inducing the reprogramming of a non-pluripotent cell using a small molecule supported vector system to provide an iPSC having desirable properties with a high efficiency. Also provided are reprogramming cells and iPSC populations or clonal cell lines using the provided reprogramming methods and compositions. Further provided are compositions and methods for maintaining and preserving iPSCs while achieving genomic stability of the cells.



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