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(54) **Title**: METHOD OF EFFICIENTLY ESTABLISHING INDUCED PLURIPOTENT STEM CELLS

(57) **Abstract**: Provided are a method of improving the efficiency of establishment of iPS cells, comprising the step of contacting one or more substances selected from the group consisting of members of the GLIS family (e.g., GLIS1) and nucleic acids that encode the same and one or more substances selected from the group consisting of members of the Klf family and nucleic acids that encode the same, with a somatic cell, an iPS cell comprising an exogenous nucleic acid that encodes a member of the GLIS family or a member of the Klf family, that can be obtained by the method, and a method of producing a somatic cell by inducing the differentiation of the iPS cell.