

organism including, in a cell, all of a polynucleotide according to claim 3,

the method comprising the step of

introducing, into a fertilized egg collected from a non-human donor organism, a polynucleotide according to claim 3, an expression cassette according to claim 4, or a vector according to claim 5.

Claim 15

A non-human transgenic organism containing a full length of a polynucleotide according to claim 3 produced by a method according to claim 14 or progeny of the non-human transgenic organism.

Claim 16

A method for establishing a pluripotent stem cell,

the method comprising the steps of:

collecting a cell from a non-human transgenic organism or progeny thereof according to claim 15; and

introducing a reprogramming factor into the cell.

Claim 17

A kit comprising:

a polypeptide according to claim 1 or 2;

a polynucleotide according to claim 3;

an expression cassette according to claim 4;

a vector according to claim 5;

a transformant according to claim 6 or 7; or