

Description of Additional Supplementary Information

Supplementary Data 1: Chromosome segregation in zygotes after artificial activation of human SCNT oocytes with electroporation + roscovitine

Supplementary Data 2. Chromosome segregation in zygotes after fertilization of human SCNT oocytes with sperm followed by assisted activation with electroporation + roscovitine

Supplementary Data 3. Chromosomal composition in cleaving embryos produced by artificial activation of human SCNT oocytes with electroporation + roscovitine

Supplementary Data 4. Chromosomal composition in cleaving embryos produced by sperm fertilization of human SCNT oocytes followed by assisted activation with electroporation + roscovitine

Supplementary Data 5: Chromosomal composition in uniform embryos produced by artificial activation of human SCNT oocytes

Supplementary Data 6: Chromosomal composition in blastocysts produced by sperm fertilization of human SCNT oocytes followed by assisted activation with electroporation + roscovitine (Pooled cells)

Supplementary Data 7: Chromosomal composition in uniform embryos produced by sperm fertilization of human SCNT oocytes followed by assisted activation with electroporation + roscovitine

Supplementary Data 8: Chromosomal composition in mosaic embryos produced by sperm fertilization of human SCNT oocytes followed by assisted activation with electroporation + roscovitine

Supplementary Movie 1: Rotating 3D video of control human MII oocyte spindle.
Microtubules are presented by α -tubulin (green), centromeres by kinetochore (red) and chromosomes in DAPI (blue)

Supplementary Movie 2: Rotating 3D video of human SCNT oocyte spindle.
Microtubules are presented by α -tubulin (green), centromeres by kinetochore (red) and chromosomes in DAPI (blue)

Supplementary Movie 3: Time-lapse video of an activated human SCNT zygote forming a pronucleus and extruding a polar body.