



Gibco® Rat Glial Precursor Cells (invitrogen cat# N7746-100) were transfected using the NEON Transfection Device and 0.5ug of a plasmid encoding the EGFP, 24 hours post electroporation, the cells were analyzed by light (A) and fluorescence microscopy (B).

I. Microporator-parameter

Pulse Voltage (V)	Pulse Width (ms)	Pulse Number	Cell Density (cells/ml)	Transfection Efficiency	Viability	Tip type
1300	10	3	1 X 10 ⁷	49%	78%	10ul
1500	20	1	1 X 10 ⁷	44%	64%	10ul

II. Cell information

Cell Type	Primary cell
Characteristics/Species	Adherent/Rat
Tissue Origin	Cortices of newborn Sprague-Dawley rats at day 2 after birth (PN2)
Media	Complete StemPro ^R NSC SFM (Invitrogen cat# A1050901) supplemented with 2 mM GlutaMAX TM -I (Invitrogen cat# 35050-061) and 10 ng/mL PDGF-AA (Invitrogen cat# PHG0035)
Morphology	Glia
Doubling time	Approximately 4 days
Subculturing	Change medium every other day, and passage cells when the culture is 75–90% confluent.
Culture conditions	Temperature 37C Atmosphere: air, 95% carbon dioxide (CO ₂), 5%