



P19 cells were transfected using the Neon™ transfection system and 0.5 µg of a plasmid encoding the EGFP. 24 hours post transfection, the cells were analyzed by light (A) and fluorescence microscopy (B).

Electroporation parameters

Pulse voltage (v)	Pulse width (ms)	Pulse number	Cell density (cells/ml)	Transfection efficiency	Viability	Tip type
1,275	30	1	5 x 10 ⁶	90%	80%	10 µl
1,125	40	1	5 x 10 ⁶	88%	80%	10 µl

Cell information

Cell type/description	P19 (teratocarcinoma)/cell line
Characteristics/species	Adherent/mouse
Tissue origin	Embryo
Media	MEM α Medium with ribonucleosides and deoxyribonucleosides; 10% FBS
Morphology	Epithelial
Double time	—
Subculturing	Medium renewal: every 2 to 3 days
Culture condition	Temperature: 37°C; atmosphere: air, 95%; carbon dioxide (CO ₂), 5%