



COLO 201 cells were transfected using the Neon™ transfection system and 0.5 µg of a plasmid encoding the EGFP. 72 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
1,700	20	1	7.6 x 10 ⁶	92%	90%	10 µl
1,450	20	2	7.6 x 10 ⁶	92%	87%	10 µl
1,400	20	2	7.6 x 10 ⁶	82%	78%	100 µl

Cell information

Cell type/description	COLO 201/cell line
Characteristics/species	Suspension, with some cells loosely adherent/human
Tissue origin	Colon
Media	RPMI 1640 medium with 2 mM L-glutamine adjusted to contain 1.5 g/L sodium bicarbonate, 4.5 g/L glucose, 10 mM HEPES, and 1.0 mM sodium pyruvate (90%); 10% FBS
Morphology	Bipolar, slightly refractile, fibroblast-like
Double time	—
Subculturing	Medium renewal: 1 to 2 times per week
Culture condition	Temperature: 37°C; atmosphere: air, 95%; carbon dioxide (CO ₂), 5%