



SW-13 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
800	60	1	5 x 10 ⁶	56%	80%	10 µl
800	70	1	5 x 10 ⁶	51%	80%	10 µl

Cell information

Cell type/description	SW-13 (adenocarcinoma)/cell line
Characteristics/species	Adherent/human
Tissue origin	Brain
Media	RPMI 1640 with 1.5 mM L-glutamine and 2.2 g/L sodium bicarbonate; 10% FBS
Morphology	Epithelial
Double time	24 hr
Subculturing	Medium renewal: every 2 to 3 days
Culture condition	Temperature: 37°C; atmosphere: air, 95%; carbon dioxide (CO ₂), 5%