



HCT-116 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
1,530	20	1	5 x 10 ⁶	91%	90%	10 µl
1,130	30	2	5 x 10 ⁶	88%	90%	10 µl

Cell information

Cell type/description	HCT-116 (colorectal adenocarcinoma)/cell line
Characteristics/species	Adherent/human
Tissue origin	Colon
Media	McCoy's 5a medium (modified), with 1.5 mM L-glutamine and 2.2 g/L sodium bicarbonate; 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%