



SK-BR-3 cells were transfected using the Neon™ transfection system and 0.5 µg of a plasmid encoding the EGFP. 48 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
1,050	30	1	5.6 x 10 ⁶	66%	75%	10 µl
1,000	40	1	5.6 x 10 ⁶	65%	76%	10 µl
1,100	30	1	5.6 x 10 ⁶	63%	66%	100 µl

Cell information

Cell type/description	SK-BR-3/cell line
Characteristics/species	Adherent/human
Tissue origin	Breast
Media	Dulbecco's Modified Eagle's Medium (DMEM), with L-glutamine, and 110 mg/L sodium pyruvate; 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%