



HN3 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
1,650	20	1	5 x 10 ⁶	83%	70%	10 µl
1,850	15	1	5 x 10 ⁶	75%	80%	10 µl
1,800	10	2	5 x 10 ⁶	85%	80%	10 µl

Cell information

Cell type/description	HN3 (carcinoma)/cell line
Characteristics/species	Adherent/human
Tissue origin	Head and neck
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%