



WI-38 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
1,575	5	2	5 x 10 ⁶	70%	70%	10 µl
1,800	3	2	5 x 10 ⁶	70%	70%	10 µl

Cell information

Cell type/description	WI-38/primary
Characteristics/species	Adherent/human
Tissue origin	Lung
Media	Dulbecco's Modified Eagle's Medium (DMEM), with 4,500 mg/L D-glucose, L-glutamine, and 110 mg/L sodium pyruvate; 10% FBS
Morphology	Fibroblast-like
Double time	—
Subculturing	Medium renewal: every 2 to 3 days
Culture condition	Temperature: 37°C; atmosphere: air, 95%; carbon dioxide (CO ₂), 5%