



HL-60 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
1,350	35	1	5 x 10 ⁶	55%	70%	10 µl

Cell information

Cell type/description	HL-60 (Immune cells/human acute myeloid leukemia)/cell line
Characteristics/species	Suspension/human
Tissue origin	Blood
Media	RPMI 1640 with L-glutamine; 10% FBS
Morphology	Lymphoblast
Double time	—
Subculturing	Medium renewal: every 2 to 3 days
Culture condition	Temperature: 37°C; atmosphere: air, 95%; carbon dioxide (CO ₂), 5%