



BC-1 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
1,600	10	3	5 x 10 ⁶	75%	60%	10 µl
1,450	10	4	5 x 10 ⁶	70%	70%	10 µl
1,600	10	3	5 x 10 ⁷	70%	65%	100 µl

Cell information

Cell type/description	BC-1 (immune)/cell line
Characteristics/species	Suspension/human
Tissue origin	Lymphoma
Media	RPMI 1640, with 4,500 mg/L D-glucose, L-glutamine, 10 ml HEPES, 1 mM sodium pyruvate, and 1,500 mg/L-sodium bicarbonate; 20% FBS
Morphology	Lymphoblast
Double time	—
Subculturing	A subcultivation ratio of 1:4 is recommended
Culture condition	Temperature: 37°C; atmosphere: air, 95%; carbon dioxide (CO ₂), 5%