



RS4;11 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
1,750	20	1	5.6 x 10 <sup>6</sup>	60%	85%	10 µl
1,650	10	4	5.6 x 10 <sup>6</sup>	60%	85%	10 µl
1,650	10	4	5.6 x 10 <sup>6</sup>	60%	85%	100 µl

#### Cell information

Cell type/description	RS4;11/cell line
Characteristics/species	Suspension/human
Tissue origin	Bone marrow
Media	RPMI 1640, with 2 mM L-glutamine and 10 mM HEPES; 10% 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 <sub>2</sub> ), 5%