



FRO 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
1,450	10	3	7 x 10 ⁶	83%	93%	10 µl
1,400	20	2	7 x 10 ⁶	80%	84%	10 µl
1,200	20	2	5 x 10 ⁷	81%	85%	100 µl

Cell information

Cell type/description	FRO/cell line
Characteristics/species	Adherent/human
Tissue origin	Thyroid
Media	RPMI 1640 with L-glutamine; 10% FBS
Morphology	—
Double time	—
Subculturing	Medium renewal: every 2 to 3 days
Culture condition	Temperature: 37°C; atmosphere: air, 95%; carbon dioxide (CO ₂), 5%