



PC-3 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
1,250	30	1	$5.6 \times 10^6$	82%	88%	10 µl
1,450	10	3	$5.6 \times 10^6$	85%	85%	10 µl

#### Cell information

Cell type/description	PC-3/cell line
Characteristics/species	Adherent/human
Tissue origin	Prostate
Media	RPMI 1640 with L-glutamine; 10% FBS
Morphology	Epithelial
Double time	24 hr
Subculturing	Medium renewal: every 2 to 3 days
Culture condition	Temperature: 37°C; atmosphere: air, 95%; carbon dioxide (CO <sub>2</sub> ), 5%