



HT-1080 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
950	50	1	5 x 10 <sup>6</sup>	85%	70%	10 µl
950	25	3	5 x 10 <sup>6</sup>	83%	70%	10 µl

#### Cell information

Cell type/description	HT-1080 (bone/cartilage)/cell line
Characteristics/species	Adherent/human
Tissue origin	Bone
Media	Minimum Essential Medium (MEM), with 2 mM L-glutamine, Earle's BSS adjusted to contain 1.5 g/L sodium bicarbonate, 0.1 mM non-essential amino acids, and 1.0 mM sodium pyruvate; 10% FBS
Morphology	Epithelial
Double time	—
Subculturing	Medium renewal: every 2 to 3 days
Culture condition	Temperature: 37°C; atmosphere: air, 95%; carbon dioxide (CO <sub>2</sub> ), 5%