



HOS cells were transfected using the Neon[™] transfection system and 0.5 µg of a plasmid encoding the EGFP. 48 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
1,050	40	1	5 x 10 ⁶	70%	75%	10 µl
1,300	20	2	5 x 10 ⁶	85%	56%	10 µl

Cell information

Cell type/description	HOS/cell line
Characteristics/species	Adherent/human
Tissue origin	Bone
Media	Dulbecco's Modified Eagle's Medium (DMEM), with 4,500 mg/L D-glucose, L-glutamine, and 110 mg/L sodium pyruvate; 10% FBS
Morphology	Mixed: fibroblast and epithelial-like cells
Double time	—
Subculturing	Medium renewal: every 2 to 3 days
Culture condition	Temperature: 37°C; atmosphere: air, 95%; carbon dioxide (CO ₂), 5%