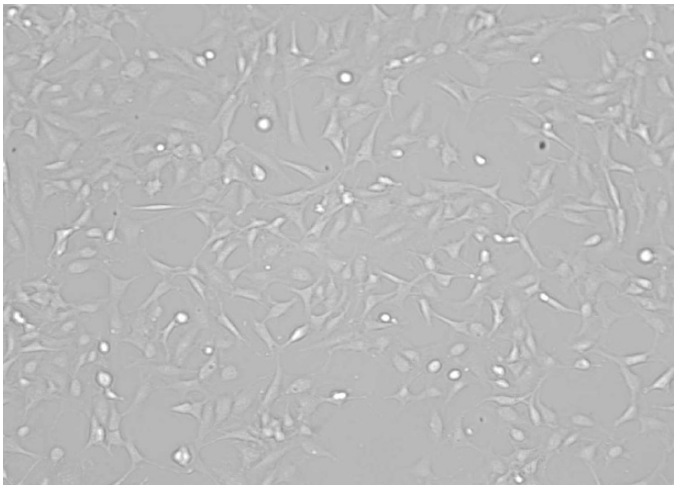
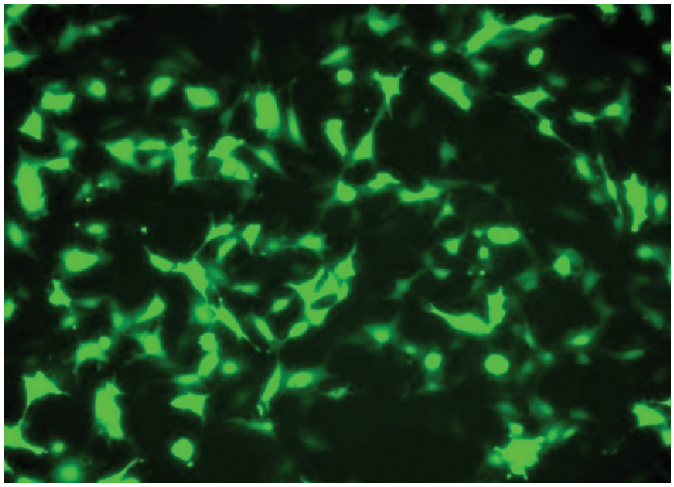
SV40 MES 13

A



B



SV40 MES 13 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	20	2	7.6×10^6	89%	83%	10 µl
1,200	30	2	7.6×10^6	84%	84%	10 µl

Cell information

Cell type/description	SV40 MES 13/cell line
Characteristics/species	Adherent/human
Tissue origin	Kidney
Media	A 3:1 mixture of Dulbecco's Modified Eagle's Medium (DMEM) and Ham's F12 medium with 14 mM HEPES, 95%; 5% FBS
Morphology	Myofibroblast-like
Double time	26 hr
Subculturing	Medium renewal: every 2 to 3 days
Culture condition	Temperature: 37°C; atmosphere: air, 95%; carbon dioxide (CO_2), 5%