

## ● [Skin] Epidermis-Targeted Gene Transfer Using In Vivo Electroporation

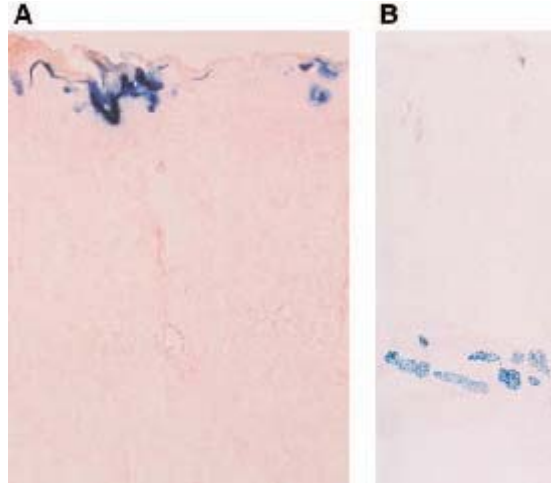
1:



2:



- 1: Tweezers w/Variable Gap 3 Needle Fork & Stainless Steel Rectangle Plate Electrode, 5mm x 10mm (CUY663-5X10: NEPA GENE)
- 2: Pulse generator (CUY21EDIT Square Wave Electroporator: NEPA GENE).



$\beta$ -Galactosidase expression on d 1 (A) and d 7 (B) after the pCAGGS-lacZ transfer with electroporation at 18V.  $\beta$ -Galactosidase was expressed in the upper most cell layers (horny, granular, and prickle cell layers) of the epidermis on d 1 (A), and in the subcutaneous muscle layer on d 7 (B).

Magnification: (A) x 250, (B) x 70

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