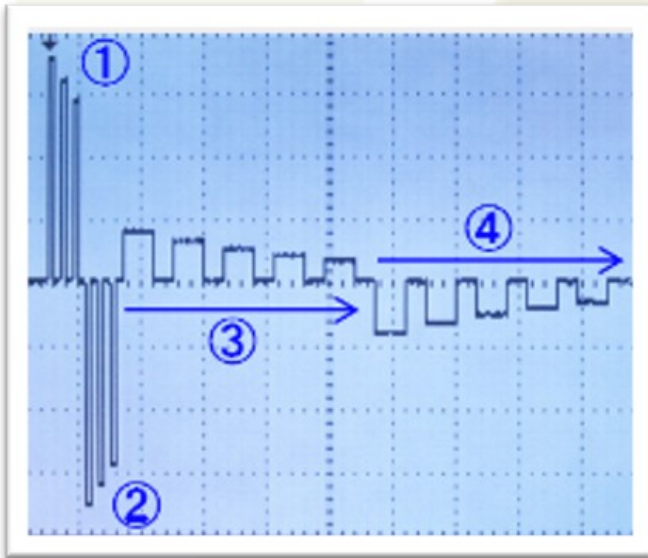
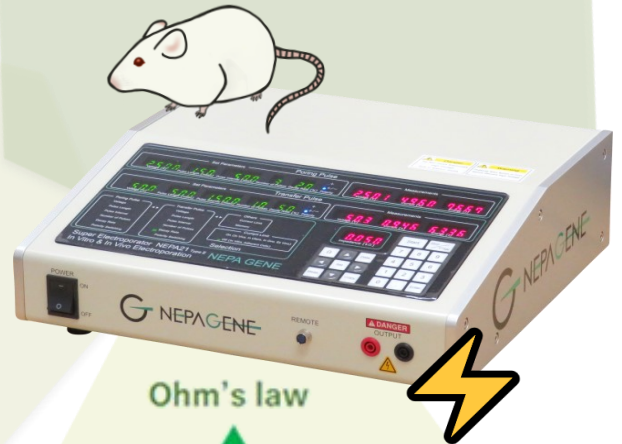


NEPA21

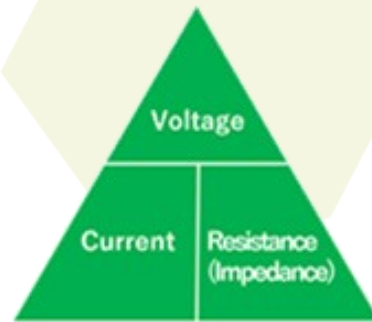
In Vitro & In Vivo 遺伝子導入装置



複数回の特殊なパルスを出力



Ohm's law



NEPA21 主な特徴

- 特殊な4ステップ式のマルチパルスが出力可能。
- 高価な試薬不要で、高生存率と高導入効率を実現。
- 事前の抵抗値測定が可能。実験の再現性の向上。
- 幅広いアプリケーションに対応。

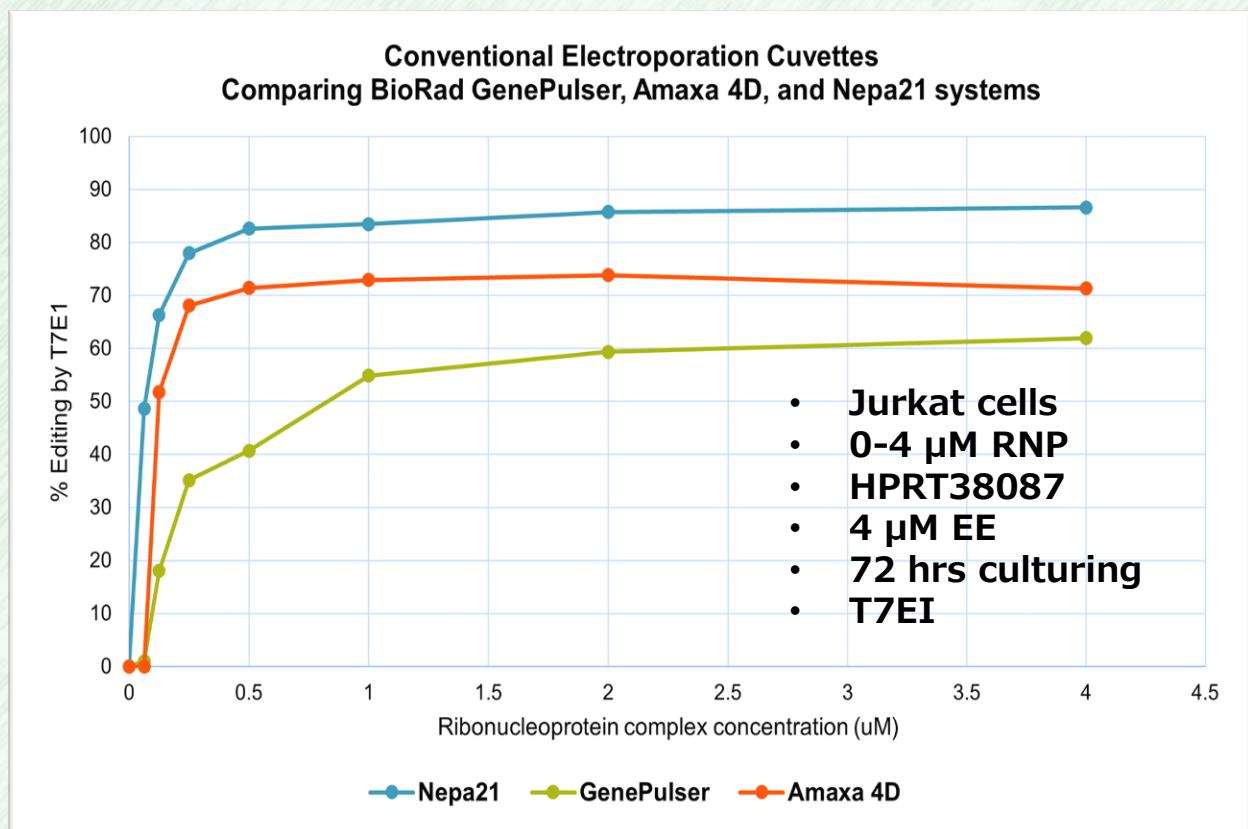
論文リスト

お問い合わせ先：ネッパジーン株式会社
Address: 272-0114 千葉県市川市塩焼3-1-6
Email: info@nepagene.jp
TEL: 047-306-7222 FAX: 047-306-7333



Genome Editing 培養細胞

CRISPR-CAS9 system for Cell Culture Electroporation



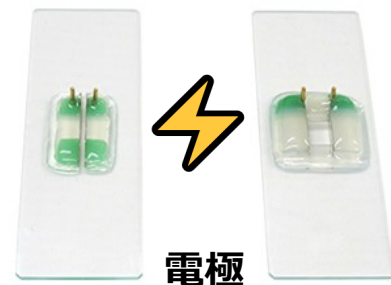
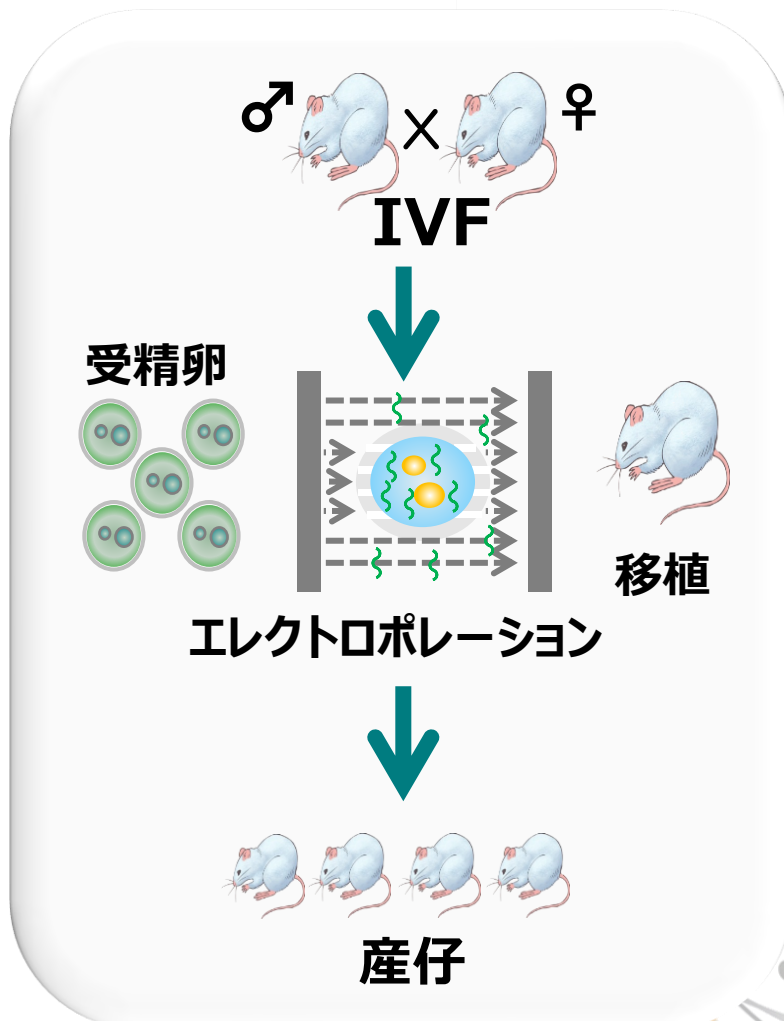
In Vitro EPゲノム編集実績:ヒト, マウス, ラット, 植物, 昆虫, 他

- 例 : Jurkat, HeLa, HEK293, K562, Hepa1-6, RAW,
- MC3 T3-E-1, iPS, 植物培養細胞, Pv11, 他多数

Genome Editing TAKE法

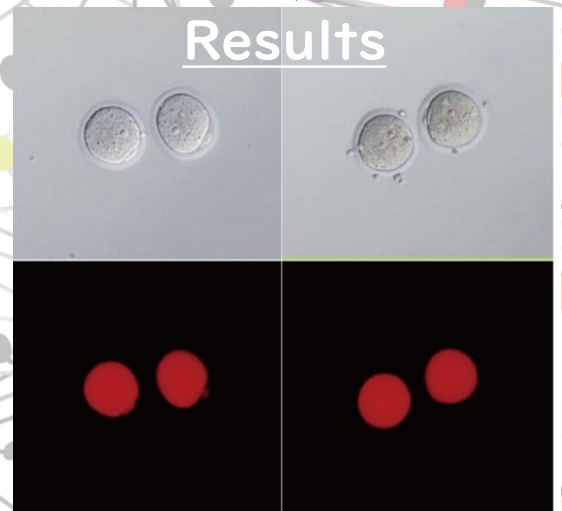
Technique for Animal Knockout system
by NEPA21 Electroporation

Summary of TAKE Methods



CUY501P1-1.5 / CUY505P5

Results



TAKE法・ゲノム編集EP実績

- マウス、ラット、ウシ、ブタ、ゼブラフィッシュ、他



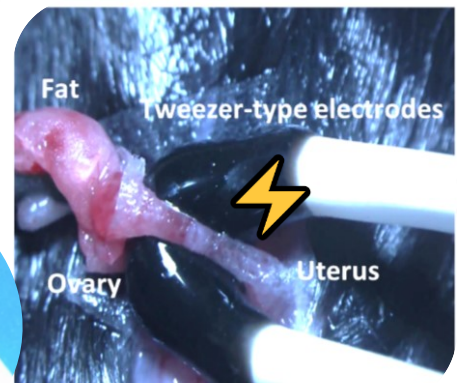
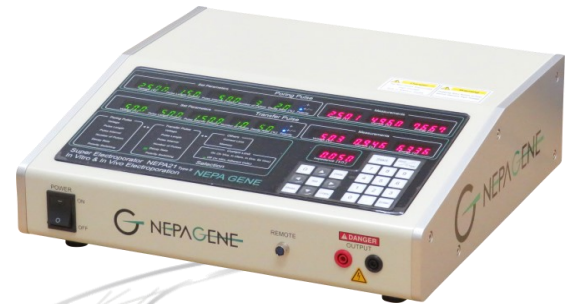
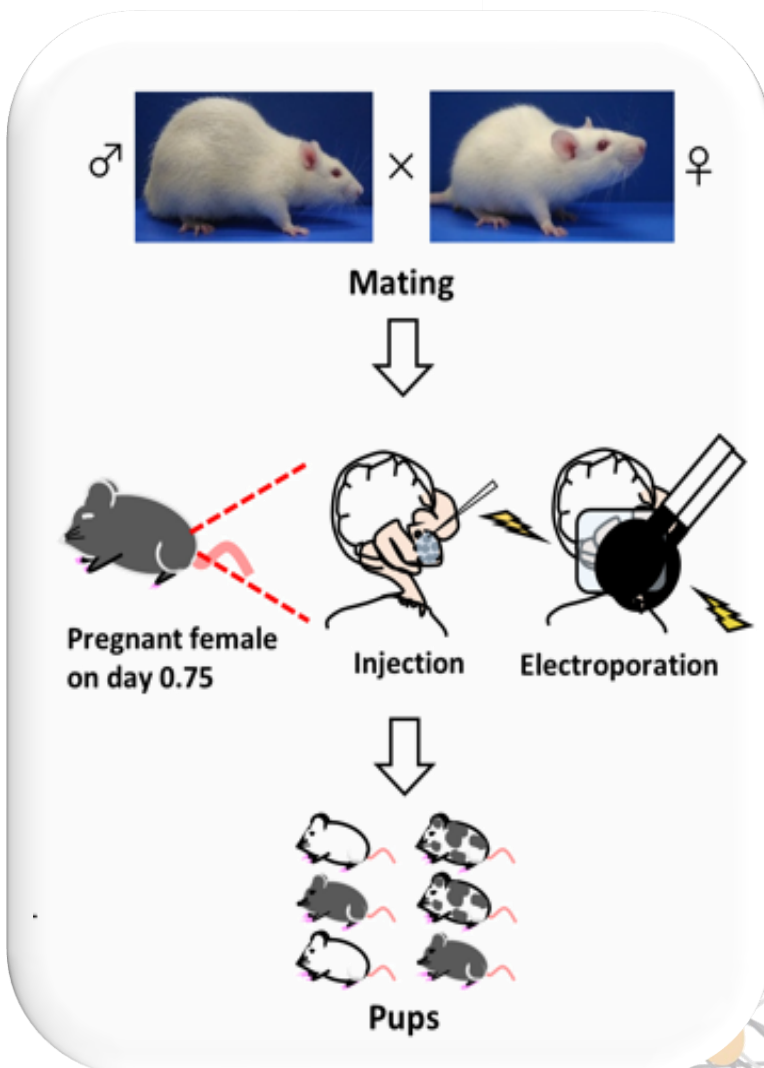
References:
Kaneko, T., Sakuma, T., Yamamoto, T. et al. Simple knockout by electroporation of engineered endonucleases into intact rat embryos. Sci Rep 4, 6382 (2014).



Genome Editing GONAD法

A new method for Genome Editing in mice and rats by NEPA21 Electroporation

Summary of GONAD Methods



電極：CUY652P2.5X4

Results



GONAD法・ゲノム編集EP実績

- マウス、ラット、ハムスター

References:

Namba M, Kobayashi T, Koyano T, Kohno M, Ohtsuka M, Matsuyama M. GONAD: A new method for germline genome editing in mice and rats. *Dev Growth Differ.* 2021 Oct;63(8):439-447. doi: 10.1111/dgd.12746. Epub 2021 Oct 5. PMID: 34432885.

