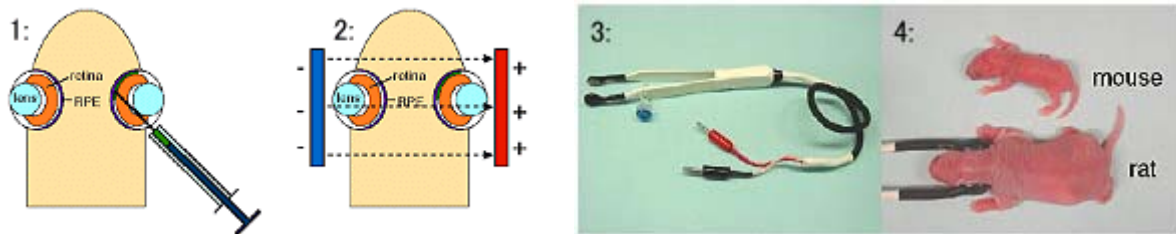


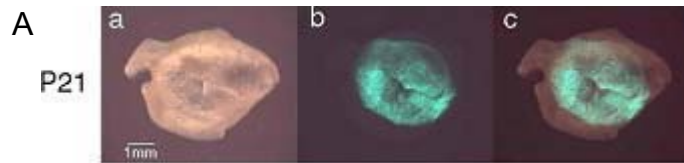
[Retina] Protocol for in vivo electroporation into mouse/rat retina



Schematic illustration showing the in vivo electroporation method.

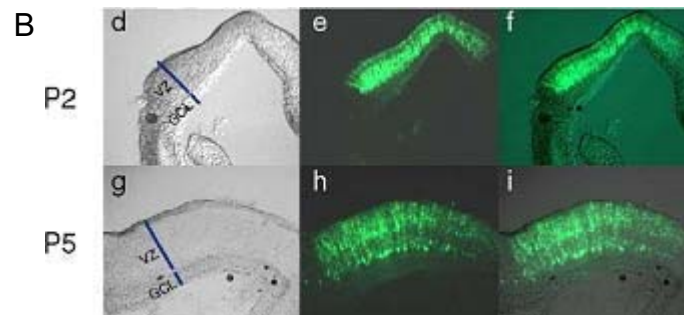
- (1) DNA injection into subretinal space
- (2) Electroporation

Tweezer-type electrodes (3) are placed to hold the head of newborn (P0) rat or mouse (4).



In vivo electroporated rat retinae harvested at various developmental stages.

(A) Whole-mount preparation of rat retina in vivo electroporated with pCAG-GFP at P0 and harvested at P21. Pictures were taken from the scleral side.



(B) Rat retinae in vivo electroporated with pCAG-GFP at P0 were harvested at P2(d-f), or P5(g-i), and cryosections were prepared.

Takahiko Matsuda, Cepko laboratory, Department of Genetics and Howard Hughes Medical Institute, Harvard Medical School