

MAPS Plays Critical Role in Postdoc's Publication



For the Simpson Lab's Molecular Brain (2016) publication "rAAV-Compatible MiniPromoters for Restricted Expression in the Brain and Eye", MAPS played a critical role in providing their technical expertise to first author Dr. Charles de Leeuw.

The Simpson lab generated 29 experimental recombinant adeno-associated viruses (rAAV) 2/9 viruses, which MAPS helped inject intravenously into neonatal mice. MAPS also provided 0.5 mm sectioning, X-gal staining, and tissue imaging.

We look forward to working with you to further your research.

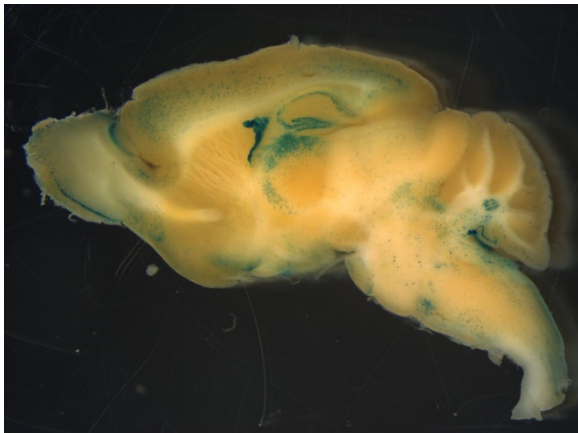


Fig. 0.5 mm mouse-brain sagittal section stained for X-gal expression from cell-type restricted rAAV (de Leeuw, C.N, et al., 2016. PMID 27164903).

The Mouse Animal Production Service (MAPS) at CMMT provides the research community with cost effective, state of the art technologies for the generation and maintenance of genetically modified mice. Directed by Dr. Elizabeth M. Simpson, the objective of MAPS is to advance discovery through mouse-based techniques.

SERVICES

- Age specific mice or embryos
- Complimentary project planning meeting
- Cryopreservation of sperm or embryos
- Custom Breeding
- Derivation of new ESC lines
- Embryonic stem cell culture
- CRISPR gRNA targeted mutations
- ESC microinjection
- ESC electroporation
- Germline competent ESCs
- ICR foster mothers
- *In-vitro* fertilization
- Mouse embryonic fibroblasts
- Pseudo pregnant recipients
- Surgical services
- Timed pregnancies
- Vasectomized males

CONTACT US

For more information on our services or to place an order, please contact us:
MAPS team
mapsinfo@cmmt.ubc.ca
<http://cmmt.ubc.ca/facilities-services/mouse-animal-production/>

For more information on other CMMT Core Facilities and Services please contact:
Michael Hockertz
Director of Core Facilities, CMMT
604 875 3816 | hockertz@cmmt.ubc.ca
www.cmmt.ubc.ca/facilities