



Quarter I Newsletter

2009

Knockout Mice & ES Cells

Greetings!

We hope that 2009 is proving to be a good year for your research endeavors.

Texas A&M Institute for Genomic Medicine (TIGM) is currently researching new techniques to produce [knockout mice](#) more efficiently, enabling TIGM to provide mice to customers at a faster rate. We currently have over [2,800 lines](#) that have been previously derived and can be delivered within a few months. To search our database, please visit our website at www.tigm.org/database.

If you have any questions or would like any more information, please contact us:
 e-mail: info@tigm.org
 phone: +1-713-677-7429 or U.S. toll free 1-888-377-TIGM (8446) (M-F 9 a.m. to 4 p.m. CST)

Sincerely,
 Texas A&M Institute for Genomic Medicine

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Electronic Brochure

Click on the image below to view our brochure electronically.



The Jackson Laboratory & TIGM

Both TIGM and The Jackson Laboratory (JAX) provide valuable mouse model resources to the world-wide community of scientists and have developed a working relationship. TIGM senior scientist, William Shawlot, PhD, recently visited JAX in Bar Harbor, Maine to learn their proprietary method for sperm cryopreservation. Now that TIGM has become trained at this technique, TIGM customers may request that sperm be cryopreserved from TIGM knockout mouse orders, and be shipped directly to JAX. Once JAX is in possession of the cryopreserved material they can provide a variety of [services](#), including:



Sperm Recovery
 Safe, long term LN sample storage
 Speed Expansion
 Breeding and colony maintenance
 In Vivo services

To learn more about The Jackson Laboratory, please visit www.jax.org.

Director Tours Asia



In efforts to increase awareness of TIGM's knockout resources and identify potential collaboration opportunities, TIGM director, Richard H. Finnell, PhD, will be traveling to Asia over the next couple of weeks to tour facilities and attend meetings. Dr. Finnell will be attending the China 2009 Pharma R&D Summit in Shanghai. While he is in China, Dr. Finnell will also be visiting GlaxoSmithKline's Research & Development center, China East Normal University, Jai Tong University, Shanghai Model Organism Center, and Peking University in Beijing. Dr Finnell will then travel to Korea to visit the Korea Institute of Bioscience & Biotechnology (KRIBB).

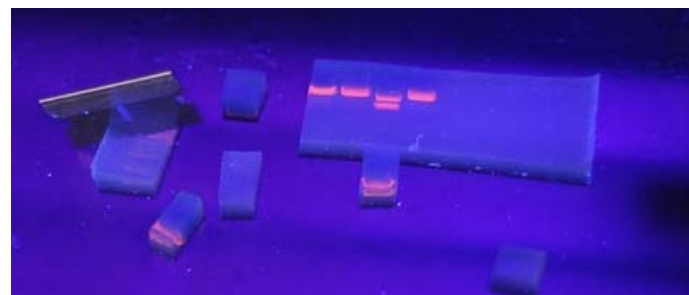
If your institution would also like to receive an on-site visit from TIGM scientists to learn more about TIGM or discuss possible scientific collaborations, please contact Jennifer D'Angelo at jdangelo@tigm.org.

TIGM in Seattle for Immuno2009



TIGM will be exhibiting at this years Immunology Meeting hosted by the American Association of Immunologists (AAI). Immunology2009 is taking place in Seattle, Washington, May 8 - 12, 2009. TIGM will be in booth 604. If you are attending this meeting, please stop by and visit.

Quick Tip - Sunblock for your DNA



Instead of worrying about the amount of time that your DNA is exposed to UV you could always use sunblock. In a gem of an article (BioTechniques Vol 21, No 5; pp 898 - free registration required) researchers from the University of Heidelberg showed that 1mM guanosine added to agarose gels completely protected restriction-digested DNA from a 45 second exposure to 312nm UV, while in the absence of guanosine, this level exposure reduced ligation efficiencies by 2-3 fold. They also showed that guanosine did not affect downstream in vitro transcription or ligation.

For more quick tips, please visit <http://bitesizebio.com>



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