Mouse Tales

Introducing the New Quarterly MendelWorks Newsletter

Welcome to the first edition of Mouse Tales. We hope to become your ultimate laboratory technician by doing the time-consuming, routine, but important tasks like genotyping. MendelWorks is a spin-off company from Identigene, a leader in human genotyping since 1993. We are now leveraging our experience with paternity and forensic testing into the research arena. With our extensive experience in genotyping and in implementing quality procedures, we are uniquely qualified to partner with your lab in the business of life science.

We plan to update Mouse Tales quarterly with news from our lab, information on meetings and grant deadlines, and other topics of interest to you. We hope you will find this newsletter informative and enjoyable. If you have story ideas for upcoming issues, please let us know!

OUTSOURCED MOUSE GENOTYPING: ESSENTIAL FOR EFFICIENCY

Research is competitive business. Everyone has heard the mantra "Publish or Perish." You need publications and grant funding to continue the science and you need data to get both. But if you're like most scientists, there's never enough time to get everything done.

Imagine a typical day in the lab.

* Read papers and answer emails
* Attend lab meeting
* Prepare for a talk you have to give next week.
* Take time helping a graduate student troubleshoot a lab problem.
* Discuss possible mechanisms that might explain the unusual results a post-doc got from her last set of experiments.
* Lunch
* Attend Faculty meeting and a department seminar
* Train undergraduates
* Discuss rotation projects with new graduate students
* Clinic duties

Meanwhile, during all this, one technician is on vacation and no one seems to know how to order those supplies you desperately need or where in the freezer last week's tail clippings were placed. A second technician has spent another 4 hours trying to optimize a PCR for that new mutation you've generated, and it still isn't working properly.

What's a PI to do?

Well, we can't teach your class for you, but we can help free up some time so you and your lab can focus on the important things like performing experiments, writing publications, and training graduate students. Outsourcing your mouse genotyping will allow your technicians and students to perform more challenging aspects of their project, ones that actually generate data, instead of just doing necessary but routine housekeeping duties.

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Current Process:

	Mon	Tues	Wed	Thur	Fri
8:00 AM					
9:00 AM	Cut Tails 75 Samples	Extract DNA	Run gels	Run Gels	
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM	Lyse Tails 3 hours or overnight				
2:00 PM		Set up PCR			
3:00 PM			Set up Re-runs		
4:00 PM					
5:00 PM					

Outsourcing to MendelWorks:

	Mon	Tues	Wed	Thur	Fri
8:00 AM					
9:00 AM	Cut Tails & Ship Samples				
10:00 AM					
11:00 AM					
12:00 PM					
1:00 PM					
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					

(MendelWorks continued)

The process is very simple. Your staff collects samples (tail or ear clippings, yolk sacs, etc) into a 96-well plate that we provide and ship the plate to our lab. Three business days later we email the results back to you. Your analysts have just saved 2 days of time they can now devote to other experiments or tasks that you need performed. In addition, for labs with very large colonies where you have one or more technicians devoted to screening, outsourcing genotyping would mean that you may not have to replace these personnel if they choose to leave the lab, saving you salary, not to mention the time and energy it would take to hire, train, and supervise their replacement. With all the benefits to outsourcing, how could you afford not to?

What could your lab accomplish with 2 extra days every week?

How to Reach Us

If you have any questions about our service or wish to begin outsourcing your genotyping needs, please contact us and our Genotyping Consultant will be happy to assist you.

Toll Free: 877.66.MOUSE (877.666.6873)
Austin: 512-794-3600 (Main)
Fax: 512-794-3610

Address: 5900 Shepherd Mountain Cove
Building 2, Suite 205
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Come visit our new website www.MendelWorks.com

Your success is our main goal. We would like to highlight your latest publication, promotion, or graduating student on our website. Please contact your Genotyping Consultant for more information.

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