

June 30<sup>th</sup>, 2011

Dr. Anne Kwitek  
3111-B MERF  
Iowa City, IA 52242

Re: Progress Report – VCMAP Project Phase 3

Dr. Kwitek,

I would like to provide you with a detailed progress report for the current development work on the implementation of VCMAP 3.0. Since our last report we have progressed on several features and released an updated version of the tool to the development website (version 2.2). We have also been coordinating with James Koltes and Zhiliang Hu for access to additional data, and on developing a process to create links to the application from other websites at ISU and RGD.

This report is not a bill, it is simply a letter for your own personal information. I am sending you this letter prior to submitting an invoice to the Purchasing Department so that you are aware of all upcoming expenses for this project. I have included a list of all of the milestones we have completed for Phase 3 of this project (including any unexpected tasks), along with the final invoice date and amount. Don't hesitate to contact me with any questions or concerns.

Sincerely,



Steven Davis

## Progress Report

### VMap3 Project

Name	% Complete	Total Cost	Expected Invoice
<b>VMap 3.0 planning meeting</b> <ul style="list-style-type: none"> <li>Travel and discussion at Iowa State University</li> </ul>	<b>100%</b>	\$1,000	N / A
<b>Specifications and Design</b> <ul style="list-style-type: none"> <li>Functional Specifications Document</li> </ul>	<b>100%</b>	\$2,500	N / A
<b>Publication Quality Image Output</b> Completed: <ul style="list-style-type: none"> <li>Add improved resolution output</li> <li>Allow watermark resizing</li> <li>Add crop and resizing</li> <li>Allow limiting output to selected features</li> </ul>	<b>100%</b>	\$2,500	\$500 7/01/11
<b>Autoload on Launch</b> Completed: <ul style="list-style-type: none"> <li>Add parameters for loading data automatically</li> <li>Write a dynamic JNLP generator</li> </ul> In progress: <ul style="list-style-type: none"> <li>Work with IA State to create links on animalgenome.org and elsewhere</li> </ul>	<b>80%</b>	\$5,000	\$4000 7/01/11
<b>Back-end Improvements</b> In progress: <ul style="list-style-type: none"> <li>Add Horse data (Equus Callabus)</li> <li>Load GO terms for all features</li> <li>Restructure Database</li> <li>General Improvements</li> </ul>	<b>10%</b>	\$7,500	\$750 7/01/11
<b>Feature Filter</b> Future tasks: <ul style="list-style-type: none"> <li>Dialog to filter features based on GO terms</li> </ul>	<b>0%</b>	\$2,000	N / A
<b>Load Custom Data</b> Future tasks: <ul style="list-style-type: none"> <li>Loading custom data in VCF format</li> <li>Improve performance to handle large datasets including next-gen sequencing and SNPs</li> </ul>	<b>0%</b>	\$1,500	N / A

Amount invoiced to date:	<b>\$5,500</b>
Current Invoices:	<b>\$5,250</b>
Remainder of project budget:	<b>\$10,750</b>
<b>Total</b>	<b>\$22,000</b>
Buffer for unexpected costs	<b>\$2,000</b>
<b>Total PO</b>	<b>\$24,000</b>