

September 2nd, 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 finished the last few details of the completely redesigned the backend. There is still some final testing and cleanup that are left to complete, but this feature should be considered finalized at this point. Additionally, the front end of the client has been updated to work with the changes on the backend and we are ready to release an official new version of VCMaP. After the final testing is completed, we will push the new version out to the current website.

One of the final tasks of this project is a transition from Bio::Neos servers to the animalgenome.org servers at ISU. I will be working with Zhiliang and James to complete this transition throughout the next month.

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

VCMa3 Project

Name	Current Progress	Total Cost	Previous Invoices	Expected Invoice
VCMa3 3.0 planning meeting <ul style="list-style-type: none"> Travel and discussion at Iowa State University 	100%	\$1,000	\$1000 5/31/11	N / A
Specifications and Design <ul style="list-style-type: none"> Functional Specifications Document 	100%	\$2,500	\$2500 5/31/11	N / A
Publication Quality Image Output Completed: <ul style="list-style-type: none"> Add improved resolution output Allow watermark resizing Add crop and resizing Allow limiting output to selected features 	100%	\$2,500	\$2000 5/31/11 \$500 7/01/11	N / A
Autoload on Launch Completed: <ul style="list-style-type: none"> Add parameters for loading data automatically Write a dynamic JNLP generator In progress: <ul style="list-style-type: none"> Work with IA State to create links on animalgenome.org and elsewhere Transfer database from B::N to ISU servers 	80%	\$5,000	\$4000 7/01/11	\$1000 10/1/11
Back-end Improvements In progress: <ul style="list-style-type: none"> Add Horse data (Equus Callabus) Load GO terms for all features Restructure Database General Improvements 	100%	\$7,500	\$750 7/01/11 \$3750 8/01/11	\$3000 9/05/11
Feature Filter To be completed at a later time: <ul style="list-style-type: none"> Dialog to filter features based on GO terms 	N / A	\$2,000		N / A
Load Custom Data Future tasks: <ul style="list-style-type: none"> Loading custom data in VCF format Improve performance to handle large datasets including next-gen sequencing and SNPs 	100%	\$1,500	\$1500 8/01/11	N / A



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Coralville, IA 52241 USA
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Facsimile: 319.467.4550

Total to expect on next invoice:

<u>Back-end Improvements:</u>	\$3,000
Total	\$3,000

Project Overview:

Amount invoiced to date:	\$20,000
Current Invoices:	\$3,000
<u>Remainder of project budget:</u>	\$1,000
Total	\$24,000
<u>Buffer for unexpected costs (allocated)</u>	\$0
Total PO	\$24,000