FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY

SOLE SOURCE CERTIFICATION

the undersigned designee of the Florida A & M University Purchasing Office, as delegated in Regulation 6.005(10) (b), (or a designed designee of the Florida A & M University Purchasing Office, as delegated in Regulation 6.005(10) (b), (or a designee designee of the Florida A & M University Purchasing Office, as delegated in Regulation 6.005(10) (b), (or a designee designee of the procurement of the above as a sole source. If applicable, the reason(s) for disapproval are: Digitally signed by Mattie Hood DN: cn=Mattie Hood, o=FAMU, ou=Of Procurement Services, emall-mattle hood@famu.edu, c=US Date: 2020.09:28 11:54:35-04:09 Director of Procurement Services Date: 2020.09:28 11:54:35-04:09 To Director of Procurement to the delegation authority approve { } the procurement of the above as a sole source. If applicable, the reason(s) for disapproval are: Digitally signed by Mattie Hood DN: cn=Mattie Hood DN: cn=Mattie Hood DN: cn=Mattie Hood On DN: cn=Mattie Hood o=FAMU, ou=Of Procurement Services Date Director of Procurement Services Date Director of Procurement Services Date Dr. cn=Mattie Hood, o=FAMU, ou=Of Procurement Services Date Dr. cn=Ma		Requisition Number	:r:	Bid #		
Items): Sequencher software Institication: (Describe efforts made, vendors contacted, prices quoted, specifications required, availability, compatibility, decision/reason for selection). See attached for justification. Sequencher software has been used previously in my lab, and significant data has been collect that is analyzed by this software package. We evaluated other potential softwares, as described that so analyzed by this software package. We evaluated other potential softwares, as described that so analyzed by this software package. We evaluated other potential softwares, as described in the provided the functionality of Sequencher. Genes Codes Corporation is the sole source of the software. A letter describing the unique features of the software is attached. The undersigned certify de above to be the analyzed professor of the software is attached. Title Date Title Date The undersigned designed of the Florida A & M University Purchasing Office, as delegated in Regulation 6.005(10) (b), for a designed designed of the Florida A & M University Purchasing Office, as delegated in Regulation and recommend () to ecommend () the procurement of the above as a sole source. If applicable, the reasons of disapproval are: **Director of Procurement Services** **D	In accordance with in support of a requ	authority granted under est to purchase the items	Florida A & M University (s) listed below that ar	ersity Regulation 6,005(10) (lee only available from one ver	o), the following doc ador,	aumentation is submitte
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Recision reason for selection). See attached for justification. Sequencher software has been used previously in my lab, and significant data has been collect that is analyzed by this software package. We evaluated other potential softwares, as described that is analyzed by this software package. We evaluated other potential softwares, as described in the provided the functionality of Sequencher. Genes Codes Corporation is the sole source of the more provided the functionality of Sequencher. Genes Codes Corporation is the sole source of the software. A letter describing the unique features of the software is attached. The undersigned entity the above to be the and conect to the best of my knowledge and belief. 2020.08.11 17:52:50-04'00' Associate Professor 08/11/20 Signature Title Date the undersigned designee of the Florida A & M University Purchasing Office, as delegated in Regulation 6:005(10) (b), (or a designed the authority as described in, hereby concur {} {} {} {} {} {} {} {} {} {} {} {} {}	Item(s): Sequer	ncher software				
that is analyzed by this software package. We evaluated other potential softwares, as described https://www.genewiz.com/en/Public/Resources/Tools-for-Viewing-Sequencing-Data. However, of them provided the funcionality of Sequencher. Genes Codes Corporation is the sole source of the software. A letter describing the unique features of the software is attached. The undersigned certify the above to be me and concert to the best of my knowledge and belief. 2020.08.11 2020.08.11 17:52:50-04:00* Associate Professor 08/11/20 Signature Title Date The Date The the undersigned designee of the Florida A & M University Purchasing Office, as delegated in Regulation 6.005(10) (b), (or a designed the authority as described in, hereby concur {} } do not concur {} } with the above justification and recomment {} } do recommend {} } the procurement of the above as a sole source. If applicable, the reason(s) for disapproval are: Digitally signed by Mattle Hood Diversimatic hoodefamuled u, cuts Director of Procurement Services. Director of Procurement Services. The undersigned designee, acting for and on behalf of the University President pursuant to the delegation authority approve {} } the procurement of the above as a sole source. If applicable, the reason(s) for disapproval are: 9/29/2020 VP, Administrative and Financial Services Date OSTED FROM 09/29/2020 3:00PM To 10/2/2020 3:00PM	Justification: (Description for	cribe efforts made, vendo selection). See attached	ors contacted, prices q I for justification.	uoted, specifications required	availability, compa	atibility.
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DATE TIME HATE TIME	OSTED FROM_	DATE	TO TIME		AE .	

FAILURE TO FILE A PROTEST WITHIN THE TIME PRESCRIBED IN REGULATION 6.005(9) (K), SHALL CONSTITUTE A WAIVER OF THE RIGHT TO PROCEEDINGS.



August 11, 2020
Dr. Hernan Flores-Rozas
Florida A&M University,
College of Pharmacy and Pharmaceutical Sciences,
1415 S Martin Luther King Jr Blvd.,
NPB-Phase 2-L147
Tallahassee, FL 32307

Please accept this letter to serve as notification that Gene Codes Corporation is the **Sole Source Vendor** and Sole Source Manufacturer of Sequencher software.

Sequencher $^{\text{TM}}$ is a stand-alone and network server capable commercial software package with unique features that include:

- Sequence and Vector Trimming: clean your data
- Algorithms for assembling cDNA with genomic sequence.
- Clustal support for multiple sequence alignment
- The ability to import new confidence scores in a variety of formats
- Variant Reports: editing status, quality values, secondary peaks.
- · Restriction Enzyme Analysis
- Translated Variance Table. Displays Amino Acid variants
- A Large Gap algorithm that will allow you to align cDNA to genomic sequence.
- Reference Sequence. Powerful feature useful in comparative sequencing, phylogenetic studies, mutation studies, forensic analysis
- Variance Table summarizes all differences, validate your date
- Assembly By Name names and automates contig assembly which decreases your potential for human error
- ability to NCBI BLAST search from within Sequencher
- Sequencher Connections: Ability to analyze single or multiple Sequences with single or multiple settings
- NGS "alignment to a reference" with GSNAP and BWA-MEM algorithms.
- Multiplex ID with MUSCLE or VELVET algorithms.
- De novo assembly with VELVET
- RNASeq tools

Best Regards,

Yuriy Yatskiv MSBS, MBA Sales Account Manager Gene Codes Corporation 525 Avis Drive, Suite #4 Ann Arbor, MI 48108 Created Date 7/31/2020 Quote Number 0001037

T C A G E N E
A G T C O D E S

Expiration Date 8/28/2020

Company Address 525 Avis Drive, Suite 4

Ann Arbor, MI 48108

US

Contact Name Hernan Flores-Rozas

Phone 850-412-7088

Email hernan.floresrozas@famu.edu

Fax 850-599-3934

Bill To Name Florida A&M University

Bill To College of Pharmacy and Pharmaceutical

Sciences

1415 S Martin Luther King Jr Blvd.,

NPB-Phase 2-L147 Tallahassee, FL 32307

USA

Prepared By Yuriy Yatskiv

Email yuriy@genecodes.com

Ship To Name Florida A&M University

Ship To Attn: Dr. Hernan Flores-Rozas

College of Pharmacy and Pharmaceutical

Sciences.

1415 S Martin Luther King Jr Blvd.,

NPB-Phase 2-L147 Tallahassee, FL 32307

USA

Product Code	Product	Line Item Description	List Price	Sales Price	Quantity	Total Price
SBA5.4	Sequencher DNA sequencing s/w for Mac & Windows 5.4	Dual Platform Dongle License	\$3,200.00	\$3,200.00	2.00	\$6,400.00
		Subtotal				\$6,400.00
		Total Price				\$6,400.00
		Shipping and Handling				\$35.00
		Grand Total				\$6,435.00

INTERNATIONAL: F.O.B (Free on Board) Ann Arbor means that you (the customer) are responsible for all shipping, insurance, tariffs, taxes, storage and any other fees incurred after the product leaves our facility. Please provide your VAT Number when applicable.

Sequencher Ordering Information and Methods of Payment: This Quotation is in US Dollars. All new purchases of a complete Sequencher DNA analysis software package includes FREE for one full year from the date of purchase a Maintenance Plan inclusive of the following:

- Technical support
- 2. Software updates
- 3. USB key exchange
- 4. Replacement of damaged hardware dongles
- 5. Migration for dongle-less licenses (software keys)

Following the FREE first year, Maintenance Plan requires Paid Subscription to activate (please contact info@genecodes.com).

Payment terms: Net 30 Days. FOB Ann Arbor. If you send a Purchase Order (PO) via fax, please be sure to include both Ship-to and Bill-to addresses and ensure any reference conditions on the back of your PO are also transmitted.

To order Sequencher: Have your Institutions Purchasing Department generate a Purchase Order (PO) and fax it to "Shipping Department, Gene Codes Corporation" at (734) 769-7074. You may order Sequencher using the following methods: VISA, MasterCard, AmEx, Purchase Order or Wire Transfer, please see details below. Please add \$25 USD for a wire transaction

Your order for Sequencher should contain the following information:

- 1. Type of Operating System Macintosh, Windows or Dual Platform
- 2. Please indicate if you will be using a dongle key or not (keyless)
- 3. Standalone or a network-capable version
- Number of licenses desired
- 5. Cost per unit
- 6. Total cost, including shipping and handling charges (and wire fee if applicable)
- 7. Ship-to address.
- 8. Bill-to address.

Created Date

7/31/2020

Quote Number

00010375

9. Phone number of the receiving department

10. Signature of an authorized agent, with the date

11. The End User's Name (principal user)

To Order By Credit Card, please contact your sales representative.

If you have a VAT number, please include it. We will ship Sequencher within 24 hours business hours and then invoice your institute against the Purchase Order number. Please be aware that customs agencies in some countries require additional import procedures and charges that Gene Codes Corp. is not responsible for, nor will we pay. If you would like a copy of the commercial invoice shipping with your package, we will be happy to fax it to you.