



**AZENTA**  
LIFE SCIENCES



30-835022638

## Confidential Quotation

<b>Client:</b> Matthew George University of Washington  1122 NE Boat St Seattle, Washington 98105-6770 United States +1-4253285141 <a href="mailto:mngeorge@uw.edu">mngeorge@uw.edu</a>	<b>Tracking Number:</b> 30-835022638 <b>Revision Number:</b> R3 <b>Order Name:</b> cgigas-copy-var-30x-32s Quotation Effective Date: 24/Feb/2023 Quotation Expiration Date: 24/May/2023 Payment Term: NET 30 Shipment: Prepaid and Add  <b>Contact:</b> <a href="mailto:NGS@azenta.com">NGS@azenta.com</a> +1-877-(436-3949) ex 1 Account Manager: Michael Bukolt Account Manager Email: michael.bukolt@azenta.com
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### I. Estimated Price

Service	Unit cost	Quantity	Subtotal
Library preparation, Illumina, DNA, value package	\$189.00	32	\$6,048.00
Illumina, 2x150bp, ~350M PE reads (~105GB), single index, value package	\$1,512.00	5	\$7,560.00
Data delivery, sFTP, additional	-	-	\$210.00
<b>First NGS Online Order Discount</b>	-	-	<b>\$-2,763.60</b>
<b>Estimated Total for Project :</b>			<b>\$11,054.40</b>
<b>Estimated Price Per Sample :</b>			<b>\$345.45</b>

### II. Service Description and Turnaround time

<b>Service Type</b>	<b>Whole genome sequencing</b>
Species	<i>Crassostrea gigas</i>
Sample Type	Purified Genomic DNA
Sample Number	32 sample(s)
Sequencing Configuration	Illumina, 2x150bp, ~350M PE reads (~105GB), single index, per lane
Estimated Data Output	~350M raw paired-end reads per lane
Phi-X Spike-in	n/a
Quality Guarantee	≥80% of bases ≥Q30
Deliverables	Raw data in FASTQ format
Level of Service	Research Use Only
Special Comments	n/a
<b>Value Package Includes:</b>	
<b>Estimated Turnaround Time</b>	Total 23-25 business days
Additional Benefits	Updates at completed project milestones (extraction, QC, library preparation, sequencing, and data analysis, if applicable)

To update your service level package, please visit your online account and request a quote revision.*	
Preferred Package	Total 15-20 business days (guaranteed)

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Express Package	Total 10-15 business days (guaranteed)
Need faster than Express Package?	Please contact us!

\*If you have any questions, please contact us at [NGS@azenta.com](mailto:NGS@azenta.com). More ways to contact us can be found [here](#).

### III. How to Start Your Order

- Provide valid Purchase Order or charging instructions (checkout through your online Azenta/GENEWIZ account, email [NGS@azenta.com](mailto:NGS@azenta.com), or call 908-222-0711; ext. 1 );
- Provide online sample submission form in your Azenta/GENEWIZ account;
- 32 genomic DNA samples meeting requirements below.

### IV. Sample Requirements

Sample Type	Remarks	Quantity	Sample Quality
Double-stranded genomic DNA, in water/EB/low TE, on dry ice	Recommended	≥1.5μg	≥20 ng/μL, A260/A280=1.8-2.2, RNA-free
	Required	≥500ng	

Please see [our website](#) for other starting material types.

For projects with >36 samples, we recommend submitting in v-bottom 96-well PCR plates (Med Supply Partners # 15-3590 or similar), rather than Eppendorf tubes. Please arrange the samples in your shipment in the order in which they are outlined in your sample form.



## V. Notes

1. Aim: Whole genome sequencing of 32 genomic DNA samples from *Crassostrea gigas*.
2. Sequencing recommendations provided by Azenta/GENEWIZ are based on the client's project goals, typical machine outputs and multiplexing variability. Azenta/GENEWIZ does not guarantee average coverage or on-target specificity for each sample.
3. All kits, reagents, analysis pipelines, etc. are routinely updated to remain best-in-class. Please proactively contact Azenta/GENEWIZ if you'd like historical versions, which may be available on a case-by-case basis.
4. Multiplexing is performed to the best of Azenta/GENEWIZ's ability to ensure relatively even data distribution amongst samples, but even data distribution is not guaranteed.
5. Sequencing yield guarantee only applies to libraries prepared by Azenta/GENEWIZ. Initial sample QC may involve, but is not limited to, the following:
  - Assessing DNA integrity by gel electrophoresis and concentration by Qubit assay
  - Assessing library size on the Agilent TapeStation, concentration by Qubit assay, and final quantitation by qPCR
6. Initial sample QC is performed free of charge for samples that are expected to move forward with sequencing. Azenta/GENEWIZ allows one free repeat of initial sample QC with said samples. Any additional repeats can be accepted for a nominal fee. For samples that do not pass QC, Azenta/GENEWIZ cannot guarantee results. However, Azenta/GENEWIZ has great experience working with less than ideal samples.
7. As a measure of good faith and to the best of their ability, Azenta/GENEWIZ offers sample storage for up to 3 months following project completion. Sample storage and subsequent sample return (if applicable) is not guaranteed.
8. Azenta/GENEWIZ offers free raw FASTQ data storage for up to 6 months. Azenta/GENEWIZ reserves the right to remove said data after 6 months without any notice. Please contact us for further storage options.
9. For projects that are quoted on the Illumina platforms, Azenta/GENEWIZ reserves the right to choose between equivalent platforms (e.g. Illumina MiSeq, HiSeq or NovaSeq). Azenta/GENEWIZ will keep the platforms consistent between projects at their best effort, but does not guarantee unless clarified prior to project initiation.
10. Estimated turnaround time is based on first-pass processing. If repeat processing is needed, estimated turnaround time is subject to increase.
11. If any issues with the project or samples warrant further alignment with the Client after project initiation, the resulted cumulative time during communication shall not be counted towards the originally estimated turnaround time. Azenta/GENEWIZ reserves the right to reassess the turnaround time based on the communications and modifications (if applicable) of project scope. For example, additional processing time may be added to the turnaround if samples require re-accessioning due to discrepancies on arrival (including, but not limited to sample labeling, sample number, etc)
12. For projects with extraction, Azenta/GENEWIZ reserves the right to combine multiple vials per sample, at our discretion, to proceed with downstream extraction.



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## **VI. General Terms and Conditions**

This quotation is exclusive of any applicable customs duties. Applicable taxes and freight in this quotation are estimated. Any order issued in response to this quotation is governed solely by the below referenced terms and conditions or, where applicable, a contract signed by Azenta/GENEWIZ and the customer. No other terms are accepted by Azenta/GENEWIZ.

\*This quotation may be revoked at any time until Azenta/GENEWIZ has provided a sales order confirmation.

Terms and conditions can be found at: <https://www.genewiz.com/en/Public/Company/Policies/Terms-Conditions>

**Name:**\_\_\_\_\_

**Date:**\_\_\_\_\_

**Signature:**\_\_\_\_\_