



Order Receipt - Tracking # 30-715344556
Service Type - Sequencing Only



Thank you for your order

INSTRUCTIONS: Please print this form and include a copy with any submitted samples.

For Regulatory orders: please also include the Sample Registration PDF.

For NGS orders:

- For all NGS orders EXCEPT EZ services, please submit a sample form through your online account.
- When submitting samples, please ship the samples so the delivery date is Monday through Thursday.
- For orders that require procurement, turnaround time starts only when we receive the kit.
- When Azenta/GENEWIZ receives samples, an email will be sent to the customer by the end of that day.

Ship Samples to (if applicable)	Customer Information	Payment Details	Customer Shipping Address
Azenta US, Inc. Attn: NGS 111 Corporate Boulevard Suite H loading dock South Plainfield, NJ 07080 USA 877-(436-3949)	Name Kristen Gruenthal Phone +1-9074656129 PI CHRIS HABICHT Company Alaska Department of Fish and Game Email kristen.gruenthal@alas ka.gov	Payment Type PO PO Number 220010391 Submitted Time 6/24/2022 9:04 AM Account Manager Subia Muhammdi Account Manager Subia.muhammdi@ Email Azenta.com	Kristen Gruenthal Alaska Department of Fish and Game 333 Raspberry Road Anchorage Alaska 99518 United States +1-9074656129

Order Name	Pink salmon whole genome resequencing
Estimated Turnaround Time	16-21 business days
Samples/Data already at Azenta	<input type="checkbox"/>
When do you expect to submit samples?	06/22/2022
Do you need a technical consultation with your quote?	No
Preferred Date and Time	
Additional Date/Time for consultation, if applicable	
Attached file(s)	SOW BB2203291.pdf 30-715344556 sample submission form.xls 30- 715344556_NGS_Template_File.xls
What type of material are your libraries prepared from?	Genomic DNA
What library preparation kit did you use (e.g. Nextera XT)?	Nextera
How many samples are you submitting?	11
How many total libraries are you submitting?	1056
What is the estimated size (in bp) of the libraries?	850
How much data (in millions of reads) do you need per individual library?	7000
What sequencing configuration would you like to use? (See FAQ #8)	2x150bp
Do your libraries contain the Illumina adapter sequences that meet our guidelines (see FAQ #9)?	Yes
Do your samples contain the standard Illumina sequencing primer binding site(s)?	Yes, for both Read 1 and Read 2

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Do your samples contain the standard Illumina indexing primer binding site(s)?	Yes, and they contain dual index sequences (i7 and i5, or i5 alone or equivalent)
How long is each index?	8 bp (most dual index applications)
Please indicate the diversity of the libraries	High Diversity
Please indicate if PhiX spike-in is required for this project	No, I decline PhiX spike-in
Please indicate if any of the following options apply to your project:	Have overlapping barcodes between samples (Azenta/GENEWIZ will contact you to discuss options)
Special Comments	Revision to include 11 samples covering 1056 libraries (11x96 individuals). Quote currently includes 1096 libraries on the overview and 11 libraries in Part II of the downloadable PDF. I also revised comment language below to conform better to Azenta naming conventions to avoid confusion. Azenta/Genewiz quote number BB2203291 has already been approved (see attached). Each of eleven(11) 1.5ml sample tubes contains whole genome resequencing libraries for 96 dual-indexed individual pink salmon (i.e. each sample tube pools the contents of one 96-well plate). All samples contain the same 96 Nextera dual-index combinations; sample tube contents CANNOT be pooled for sequencing or demultiplexing to the individual library/fish will be impossible. ADF&G requests that each of the 11 samples be sequenced alone on three (3) separate NovaSeq S4 2x150bp lanes (33 lanes total) as per attached quote for up to 40 lanes (SOW BB2203291.pdf). Please also see draft sample submission form for more information on the contents of each of the 11 samples numbered 63213 to 63223.

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CUSTOMER INFORMATION:

Name: Kristen Gruenthal
Phone: +1-9074656129
PI: CHRIS HABICHT
Company: Alaska Department of Fish and Game
Email: kristen.gruenthal@alaska.gov

PAYMENT DETAILS:

Payment Type: PO
PO Number: 220010391
Submitted Time: 6/24/2022 9:04 AM

Estimated Price Information

Created Date	Tracking Number	Service Line	Service Item	Order Name	Total Amount
6/10/2022 12:17 PM	30-715344556	Next Generation Sequencing	Sequencing Only	 30-715344556	Pink salmon whole genome resequencing \$ 178530.00

Customer Shipping Address:

Kristen Gruenthal
Alaska Department of Fish and Game
333 Raspberry Road
Anchorage Alaska 99518
United States
Phone : +1-9074656129

Billing Address:

Barbara Dodson
Alaska Department of Fish and Game
333 Raspberry Rd
Anchorage Alaska 99518-1565
United States
Phone :

Subtotal Amount: \$ 178530.00

Savings: \$ 0.00

Estimated Tax: \$ 00.00

Total Amount: \$ 178530.00