

NOVOGENE (HK) COMPANY LIMITED

Quote No.: NVHK2021100604

Company Address: LEVEL 54, HOPEWELL CENTRE, 183 QUEEN'S ROAD EAST, HONG KONG

Date Issued: 2021-10-08

Novogene Representative: Huijuan Guo

Validity: (30 days) 2021-11-07

Representative email: huijuan.guo@novogene-europe.com

Novogene Technical Support: Li Li

TS email: service.pm@novogene.com

CUSTOMER INFORMATION	
Institution	Institute of Global Change Research of the ASCR
Billing Address	Ústav výzkumu globální změny AV ČR, v.v.i Bělídla 4a, 603 00 Brno Tax no.: CZ86652079 Czech Republic
Shipping Address	Ústav výzkumu globální změny AV ČR, v.v.i Bělídla 4a, 603 00 Brno Tax no.: CZ86652079 Czech Republic
Customer Name	Karel Klem
Email Address	klem.k@czechglobe.cz

No	Product Name	Description	UNIT PRICE	Currency	QTY	Total price
1	Plant and Animal Eukaryotic mRNA-seq with reference (Quantification)	RNA sample QC	258.00	USD	15	3870.00
2		mRNA library preparation (poly A enrichment)				
3		NovaSeq PE150 (12 G/sample )				
4		Standard Analysis and data delivery via AWS				
5		RNA sample QC	258.00	USD	33	8514.00
6		mRNA library preparation (poly A enrichment)				
7		NovaSeq PE150 (12 G/sample )				
8		Standard Analysis and data delivery via AWS				
Total:						12384.00

(0%)VAT	0.00
Grand Total	12384.00

## 1. Overview of Service

Product Name	Plant and Animal Eukaryotic mRNA-seq with reference (Quantification)
Species	Plant
Q30	PE150,Q30≥85%
Data Requirement	12 G / 12 G of raw data per sample
No. of Sample	48
Data analysis	Standard Analysis
Turnaround Time	18 working days starting after we receive confirmation of the sample QC report from customer

## 2. Sample Requirements

<https://en.novogene.com/wp-content/uploads/sites/4/2021/08/Novogene-Sample-Requirements-20210826.pdf>

Note:  
a. Detailed requirements can be referred to the Sample Information Form (SIF). b. Samples not meeting Novogene's specifications can be designated by the customers as to be processed "at risk". If library preparation failed, only the cost for library preparation will be charged. The turnaround time could be extend depending on circumstance. c. If the customer chooses to opt out certain procedures in Novogene standard QC pipeline, the samples will be graded as "Hold" or "Fail". d. Amplified cDNA samples will be subjected to different QC standard. e. Novogene will initiate library prepare directly if all samples of the project have passed the sample quality control. If you disagree with that, please inform in advance.

## 3. Bioinformatics Analysis (Plant and Animal Eukaryotic mRNA-seq with reference (Quantification))

1. Data quality control & data filtering
2. Mapping to reference genome
3. Gene expression quantification & Correlation analysis [only apply for samples with biological replicates]
4. Differential expression analysis [only apply for >=2 groups]
5. Enrichment analysis (GO and KEGG pathway) of differentially expressed genes (DEGs) [only apply for >=2 groups, Reactome is also included for mouse samples]
6. GSEA enrichment analysis of expressed genes [only apply for >=2 groups]
7. Protein-protein interaction analysis of DEGs [only apply for >=2 groups]

## 4. Sample Submission

All samples must be delivered to Novogene in accordance to the sample requirements listed above. Please request for the Sample Information Form (SIF) and sample submission instructions from the Novogene representative. Samples should be sent to the address below:

ATTN: Sample Receiving Department  
25 Cambridge Science Park , Milton Road  
Cambridge CB4 0FW  
United Kingdom  
Tel: 44(0)1223 628750

## 5. Terms and Conditions

1. The quotation does not contain the freight charges for samples sent to Novogene.
2. A purchase order (PO) or payment will be needed to get the project started. Novogene quotation # should be included in the purchase order.
3. The final quantity and concentration of samples will follow the detection results by Novogene.

4. All remaining samples will be destroyed by Novogene 30 days from data delivery unless both sides reach an agreement with extra cost.
5. Novogene will not be responsible for the return of unused samples unless both sides reach an agreement before the project starts. Novogene shall not bear the shipping cost for the return of unused Material.
6. All data will be automatically deleted by Novogene 30 days after release to the customer. Please contact your Novogene representative for the associated costs to retain data beyond the 30 days period before deleting the data.
7. Novogene considers the receipt of client samples or client PO as an acknowledgement and acceptance of the terms and conditions of this quote. Upon Novogene's receipt of client samples or client PO, client agrees to pay the entire amount of each invoice issued by Novogene within 30 days from the date of the invoice. The invoice will be issued based on the services rendered according to this quote close to project completion.
8. Price information is CONFIDENTIAL to the parties directly involved with this project.
9. Novogene reserves the right to re-quote this project if the scope of the project changes, in which event Novogene will not be required to perform the project unless both parties agree on the terms of the revised quotation.
10. The service provided is for research purposes only, not for clinical or diagnostic use.
11. Novogene only accept DNA & RNA samples being sent in 1.5 ml or 2.0 ml flip-cap microcentrifuge tubes (96-well plates or PCR strip tubes cannot be accepted). Incorrect tubes will cause project delay and additional handling fee (\$5/tube).
12. Novogene offers free regular QC test twice for every regular DNA/RNA sample in the quote (excluding library, cDNA, ultra-low input DNA/RNA, etc). Beyond that, Novogene will charge 15 USD for each additional QC test.
13. For samples labeled as "Pass" in the QC result, Novogene guarantees the data output. In the rare cases that the data amount is insufficient, additional sequencing maybe conducted to increase the data amount. The additional sequencing will increase the turnaround time. In general, we do not recommend additional sequencing when the insufficient amount is less than 2% of the quoted amount.
14. The turnaround time starts when PO received by Novogene, and the client gives confirmation to start library preparation after reviewing the sample QC result. It excludes the time period that we are waiting on client response for information such as bioinformatics form.
15. Novogene lane sequencing services include a onetime demultiplexing based on indices information on the SIF (sample information form) provided by clients. If data cannot be demultiplexed based on clients' indices, Novogene will provide data for the full lane without demultiplexing. Novogene will charge accordingly for further demultiplexing requests during after-sale stage.
16. Novogene lane sequencing services include a onetime demultiplexing based on indices information on the SIF (sample information form) sent by clients. If data cannot be completely determined based on clients' indices information (Located on SIF), Novogene will provide determined and undetermined data together as the final data results. Novogene will charge accordingly for further demultiplexing requests during after-sale stage.
17. The quotation price is Tax excluded.

I agree with the information and pricing provided in this quotation and would like to authorize Novogene to proceed based on terms and conditions listed above.

Customer Name : \_\_\_\_\_ Date : \_\_\_\_\_

Customer Signature : \_\_\_\_\_

Novogene Signature : 