

Staff use:
EASIH Project No:
Date:

Eastern Sequence and Informatics Hub

Department of Medical Genetics

QUOTATION

Quotation Number:

Our Ref:

Date of issue :

Issued By : Selina Day

EASIH Contact Details : selina.day@easih.ac.uk / 01223 746768

Customer Contact Details:

(Organisation/Department):

Contact Address:

Contact Name:

Contact Telephone:

Thank you for your enquiry received on: 2nd July 2010

Fee Quotation: We are pleased to quote on the following:

Description	Qty	Item Price GBP	Total excluding VAT
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VAT if
applicable

Totals

Our Terms & Conditions (Version 1 Jun-10), which may be consulted on our web-site, apply unless otherwise stated in this quotation. **This quotation is valid for 30 days from the above issue date. Send any communications about the quotation or contract to the EASIH Contact detailed above.**

Payment will be required prior to work commencing.

SERVICE DESCRIPTION

The EASIH *Sequence and Informatics* Services tailored for this project includes the following services:

- 1) We propose to run four samples individually on 4 separate octs of a Solid flow cell.*
- 2) We require 3ug of DNA per sample in 100ul of water or lowTE.*
- 3) All samples will be quantitated using Qubit and sized using Agilent's Bioanalyser.*

Should any samples fail our QC procedures then we will contact you to request more. If you wish us to proceed with the original sample we will. However, there is a greater risk that the service may not deliver the end result that you are seeking. If you do not want to proceed with the service for this sample then any charges incurred so far will be passed back to you less our QC charges (per sample) of £ 41.

- 4) The samples will be fragmented to size using a Covaris and then column cleaned for library construction.*
- 5) Four fragmentation libraries will be made.*
- 6) 10X sequence coverage will be generated for 10,000 mtDNA per sample at 50 bp single reads.*
- 7) We will align quality filtered reads to reference mtDNA genome sequence and identify SNP's.*
- 8) We will return a report for each sample indicating SNP's and confidence scores.*
- 9) Timescale. To be arranged.*
- 10) Samples may be used up in the course of the conduct of Services. Any unused DNA will be returned to you
- 11) If appropriate we will provide you with details of Data Retention and submission to EGA/EBI. We will give details of provision of accession numbers.*

CUSTOMER RESPONSIBILITY

Service Requirements:

You will nominate a person to be our point of contact regarding your project.

You will download and complete the Sample Booking Form

(www.easih.ac.uk/serviceinformation.php) providing all relevant information and send with your acceptance of this quotation.

In the event that you ask us to repeat your Service you will be required to meet any additional costs associated with the repeated work.

Unless agreed otherwise, you shall acknowledge us by making reference to our name in any resulting publication involving information and/or results generated by us in the course of the conduct of performing the Services. In the form: "Specialist Sequencing (and Bioinformatics) Services were provided by the EASIH – University of Cambridge [*supported by NIHR – Cambridge BRC*], www.easih.ac.uk". We welcome the inclusion of any of our scientists in your citation.

The services cannot proceed unless any required ethical approval and consents for the work are in place.

Sample Preparation:

Each of our sequencing platforms and their library construction protocols has differing requirements in terms of the quality and quantity of DNA/RNA that each uses. Both quality and quantity of starting material can have a critical affect on the success of a sequencing project. Ideally DNA should be analysed by gel electrophoresis and quantified relative to markers of a known concentration. Please consult and adhere to the guidelines provided in your quotation. Please ask if you are in any doubt.

Delivery of Samples:

Once you have returned your Sample Booking Form we will provide you with an estimated work date for your project and send you a Sample Delivery Form and barcodes. Samples must be delivered in 0.5ml low bind Eppendorf (or similar) tubes clearly labeled with the barcode provided by us and as stated in the Sample Delivery Form. Samples should be packaged in dry ice and delivered no less than 7 days prior to the estimated work date. **If samples are not received by this date then a re-booking fee of £10 may be charged.**

Acceptance of Quotation

Should you wish to proceed with this work please complete, sign and return, the Sample Booking Form along with a signed copy of this quotation, a valid Purchase Order or cheque and all other relevant documentation as detailed in the Sample Booking Form to Selina Day, EASIH Administrator, EASIH, University of Cambridge, Laboratory of Academic Genetics, Level 6 ATC, Box 238, Addenbrooke's Hospital, Hills Road, Cambridge, CB2 0QQ.

I confirm I have checked and accept this quotation, including without limitation:

Fee Quotation	Yes/No
The EASIH Terms & Conditions	Yes/No
The Service Description on page [2-3]	Yes/No
The sample preparation recommendations on page [2-3]	Yes/No
Customer Responsibilities on page [3]	Yes/No

Signed by the Principal Investigator or Authorised Signatory:

Signature:

Name:

Position:

For and on behalf of

Organisation/Department Name:

Date: