

Large Construct Sequencing Order Form

BASECLEAR

FOR 100% DNA RESULTS

Client		Invoice Department	
Name of sender:		Administrator:	
Institute / Company:		Invoice department:	
Department:		Invoice address:	
Shipment address:		Zip/City:	
Zip/City:		Country:	
Country:		e-mail address:	
e-mail address:		Phone number:	
Phone number:		VAT #:	
Fax number:		Your order #:	
Other contact person: e-mail address:		Quotation #:	
		Year contract #:	

ORDER (please use the sample sheet)

CRITERIA FOR LARGE CONSTRUCT SEQUENCING:

- For large construct sequencing (BAC, cosmid etc) (product# BC-120), please submit a volume of 30 µl of DNA and a **minimum concentration of 80 ng/µl**.
- Please note that some parts of the genome are almost impossible to read through due to high stability regions, secondary structures, mispriming of the primers etc. In these cases, 50% setup costs will be charged instead of the full price.

RESULTS (I would like to receive my results as following)

e-mail only (free of charge)

PGP encrypted (requires key)

regular mail including:

(see pricelist for additional costs)

files on CD (BC-111)

prints of sequence and peak-plot (BC-112)

preliminary results by e-mail (no charge)

I accept the general terms and conditions of BaseClear*

Name : _____

Signature : _____

Date : __ / __ / ____

To be filled out by BaseClear:

Project Code : _____

Date of registration : __ / __ / ____

*Our General Terms and Conditions apply to all projects BaseClear carries out and can be downloaded from our website (www.baseclear.com/labservices/terms_conditions).

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SAMPLES

Purified DNA (BAC, cosmid or other large constructs)

Only deliver (column) purified DNA dissolved in water or 10mM Tris (pH8.0) preferably in BaseBox tubes. Please note that DNA samples should be absolutely **free of RNA, EDTA and ethanol** since trace amounts of these compounds will inhibit the sequence reaction. For large construct sequencing, please submit a minimum volume of 30 µl of DNA and a **minimum concentration of 80 ng/µl**.

PRIMERS

Universal primers will be provided free of charge by BaseClear (e.g. MF, MR, Sp6, T7, T3, pRS primers). For a complete list of standard primers, please visit our website www.baseclear.com.

You may also send in your own primers with the order. Please note the following requirements:

- Design primers using a primer design program like Primer Premier or Oligo.
- Make primers 18 to 24 bases long and with a **Tm ≥ 55 °C**.
- Dissolve your primers in water to 10 pmol/µl and send in a **minimum of 30µl preferably in BaseBox tubes**.

In case you want BaseClear to synthesize your primers please download and include the primer orderform with your sequence order. On request, we can also design custom primers. Please provide us with the target sequence in both electronic and printed format and clearly mark where primers should be designed (product #500)

REFERENCE SEQUENCE

In order to compare the final contig sequence to the expected sequence of your BAC insert, please enclose a disk with your order containing the reference sequence(s) in FASTA format. Alternatively, you may email the sequence to dna@baseclear.com. Please indicate the name of the reference sequence that should be used for each sample on the samplesheet.

TERMS OF DELIVERY

The Large Construct Sequencing service includes a quantity check of incoming DNA samples. In case samples do not pass our quantity control, we will notify you before continuing with sequencing. All sequencing results are analysed by PHRED, and poor sequence runs that do not meet our quality standards are reviewed manually. Failed runs are repeated once at no additional cost.

Whenever during the project unforeseen problems occur which have consequences for the complexity, financials, timelines or amount of workload of a project, BaseClear has the right to terminate this project or discuss above mentioned parameters with the client in order to come up with a compromise

Whenever due to client mistakes additional work has been performed and/or extra costs have been made, BaseClear has the right to charge the client for that costs.

Large Construct Sequencing Sample sheet

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No.	Sample Name	Please leave this column empty	Sample-type: Only purified DNA (BAC etc.)	GGO license number or group IA	DNA-conc. (ug/ul)	Reference sequence name	Sequence with primer (name):	Standard / Included with order Client specific (in-house) To be synthesized (submit primer order form) To be designed	Conc. (pmol /μl)
1			XXX						
2			XXX						
3			XXX						
4			XXX						
5			XXX						
6			XXX						
7			XXX						
8			XXX						
9			XXX						
10			XXX						
Total numbers of samples sent : ____				Total number of primers : ____					