

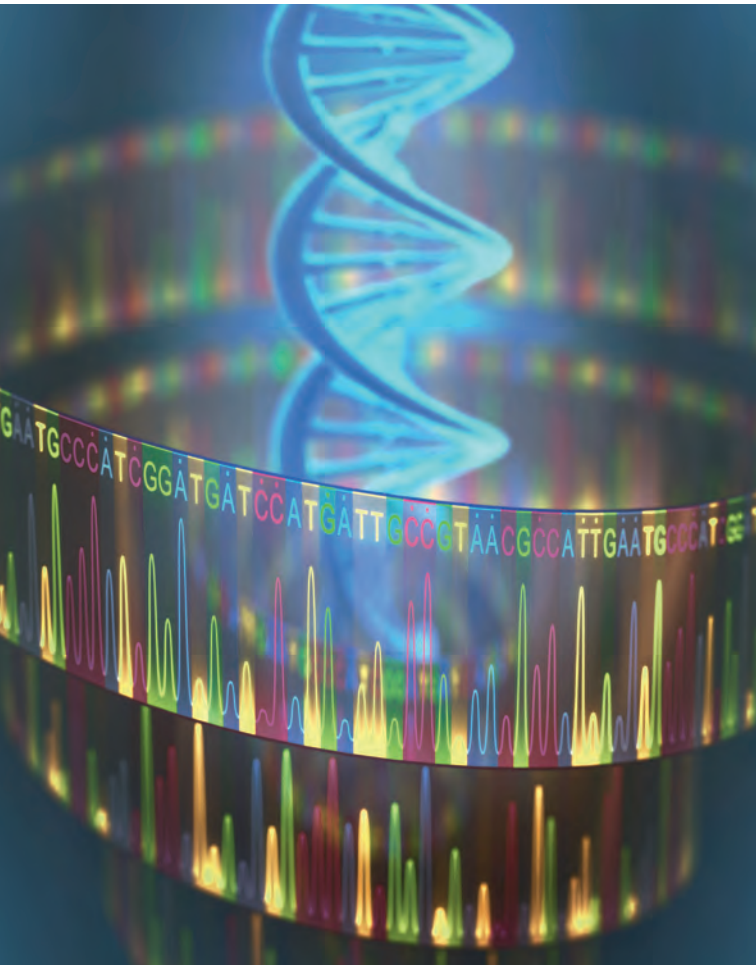


eurofins

Genomics

Tube Sequencing Services

Whatever Sample Type You Want To Send In Tubes.



Tube Sequencing Services.

High quality sequencing for every sample type

Mix2Seq

Mix2Seq is the fastest sequencing of premixed samples available today. It is offered as **overnight** and **non-overnight** sequencing service. Order a Mix2Seq Kit and receive 96 single reactions; no further online orders are required.

TubeSeq Service

This is the most convenient sequencing service for plasmids, PCR products and large constructs. Up to 8 reactions per sample can be ordered and re-ordered. For complex sequences a **Power Read Upgrade** is offered. DNA preparation, purification, sample storage and more additional services are available.

TubeSeq Labels

TubeSeq Labels are the prepaid barcode labels of our TubeSeq Service. They offer access to fast DNA sequencing with our express logistics and automated workflows.

Ready2Load

The Ready2Load service allows you to submit your pre-cycled samples in tubes to get them analysed with our ABI sequencers.

Additional benefits to our tube sequencing services:

- Convenient ordering and tracking online
- **Free sample pick up** from your DropBox location
- Labels and envelopes are available for sample shipment
- Secure online archive of sequence data for 100 days
- Useful sequencing accessories are available
- Order **settings can be personalised** for each order
- Easy-to-use **primer design tool** with direct ordering

Mix2Seq.

Ultimate innovation and highest convenience

Ultimate innovation

- Buy only one Mix2Seq Kit to pay for 96 reactions.
- One Mix2Seq Kit & its data can be shared with others.
- Mix2Seq Kits can be activated or transferred online.

Highest convenience

- Every Mix2Seq Kit includes 96 barcoded tubes and lids.
- Just provide the tubes - no online ordering necessary.
- Under My Kits & Labels you can track all kits & results.

Excellent quality & service

- Get your samples sequenced either overnight or next day.
- Obtain reading lengths of up to 1,100 high quality bases.
- All sequencing data are available as traces and fasta files.



Mix2Seq Kit - **OVERNIGHT**



Mix2Seq Kit

Three little steps to optimum sequencing results

1

Order Mix2Seq Kit

Buy your Mix2Seq Kit with 96 pre-labelled tubes and lids.

2

Prepare template

Send us 15µl purified DNA in either of the concentrations stated in your Mix2Seq box. Add 2µl of your primer with a concentration of 10pmol/µl. Ensure a total volume of 17µl.

3

Download results

Securely download your Mix2Seq results in your personal online account under "My Kits & Labels".

TubeSeq Service & TubeSeq Labels.

Combined power of automation & expertise

The TubeSeq Service combines long term expertise in automated, barcode driven sequencing processes with the handling of samples, which require bespoke solutions.



All benefits of the TubeSeq Service at a glance:

- High quality read lengths of up to 1,100 bases
- Additional services like DNA purification available
- Free one time repeat, in case of technical failure
- Advanced analysis options are available for free
- Different sequencing result files can be selected
- Storage of DNA and ordered primers for 4 weeks
- Primer storage for one year on request
- Easy re-order options from stored DNA samples

The highlights of the TubeSeq Service include:

- Order and re-order **up to 8 reactions per sample**
- Sequencing reads can be paid with our **TubeSeq Labels**
- All type of samples, incl. **large constructs**, are accepted
- **Power Read Upgrade*** for more complex sequences
- Results of standard DNA reads are available **next day**

***In case your samples are >30kbp /or your samples contain difficult-to-read stretches, select the Power Read Upgrade. We will perform special cycling conditions or chemistry to achieve best results.**

Ready2Load.

For pre-cycled samples – ready to load

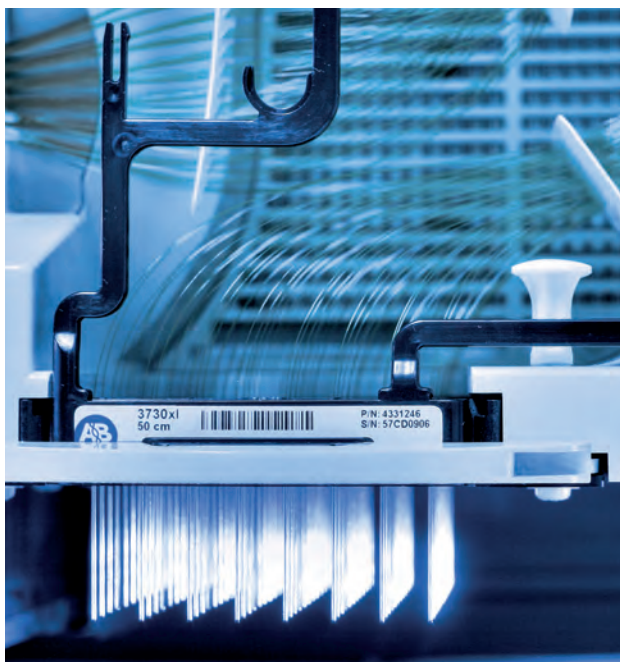
Ready2Load Plate is our service which allows you to conveniently get your pre-cycled samples in tubes analysed on our ABI sequencers.

What you need to do

You need to carry out the sequencing reaction according to the BigDye Terminator v3.1 cycle sequencing kit protocol from ABI.

What we do for you:

- Perform the dye terminator removal
- Load the purified samples on our ABI sequencers
- Sequence the samples under standard parameters
- Upload the sequencing results to your online account



Selection Guide.

Services & Options		Mix2Seq	TubeSeq	Ready2Load
Payment options	Prepaid	✓	✓	
	Non-prepaid		✓	✓
Barcodes / Kits	Tube Labels		✓	✓
	TubeSeq Labels (Prepaid)		✓	
	Kit with 96 matrix tubes & lids	✓		
Sample types	Plasmids	✓	✓	✓
	PCR products	✓	✓	✓
	BAC / PAC / Cosmid DNA		✓	
Sample specification	Premixed (DNA + primer)	✓	✓	
	Pre-cycled samples			✓
Additional services	DNA preparation		✓	
	PCR product purification		✓	
	Concentration adjustment		✓	
	Power Read for difficult samples		✓	
Shipping options	Free pick-up via DropBoxes	✓	✓	✓
	Postage using sample bags	✓	✓	✓
	Courier using DHL Shipping Kit	✓	✓	✓
	Tube bags & boxes for shipping	✓	✓	✓
Delivery time	Next day upon sample receipt	✓	✓	✓
	Overnight - next day until noon	✓		
Sequencing data	IUPAC bases in the sequence		✓	✓
	N for unclear bases		✓	✓
	Sequence clipping (Q20, 30, 40)		✓	✓
	Selectable result file types	✓	✓	✓
	Secure download of data	✓	✓	✓
	Online archive of data	✓	✓	✓
Additional services for free	Repetition in case of technical failure		✓	
	Storage of sample DNA for 4 weeks		✓	
	Storage of ordered primers for 4 weeks		✓	
	Standard primers on stock		✓	

Additional Services.

Sequencing primers and sample shipment

Sequencing primers

Benefit from our in-house oligo production:

- More than 80 verified standard primers for free
- Synthesis of ordered sequencing primers within 24 hours
- Storage of ordered primers for 4 weeks
- Primer storage for one year, on request
- Free tube labels for your accompanying primers

Free sample pick-up service

Hundreds of Eurofins Genomics DropBoxes are installed in Europe. Use a DropBox nearby for **free sample pick-up**.



Sample shipment

Conveniently order your shipping material of choice in our online shop for sending your sequencing samples where no DropBox is available:

- DHL labels and envelopes for courier shipment
- Padded envelopes and address labels for mail dispatch
- Plate sample boxes for secure packaging

Feel Free To Contact Us.

Toll free phone numbers

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Finland	0800 112 744
France	0800 903 807
Ireland	1800 555 056
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