

**Service Name:**

Sanger Barcode High-Throughput Run

**Number of months of use of this service:**

Until the end of the project (September 2022).

**Required activities - their description, range (e.g. number of samples, forest area), time perspective (requirements) etc.:**

- Sanger Sequencing service in 96-well plates.
- Expected amount of 100 plates (96 wells each plate)
- Sanger sequencing service in 0,2ml vials
- Expected amount of 800 vials
- Service of sequencing includes PCR product purification

**Methodological requirements**

- Includes PCR product purification
- DNA sequencing read lengths at least 1,100 bases in at least Phred 20 quality
- Primers will be delivered by Client together with every batch
- Optimized sequencing methods for GC-rich templates or hairpin structures are possible with up to 50% increasement of price per sample.
- 96-well plates and stripes are provided with the barcode labels
- The results will be delivered to the customer within 15 working days after delivery of the samples to the supplier.
- Samples for sequencing will be sent by courier successively according to the Contractor's recommended procedure, at the expenses will be included in the service price
- The customer will always inform the supplier about the sample group dispatch at least 5 days prior sending the samples for sequencing
- Invoicing will always be made within 15 calendar days of receipt of sequencing results by the customer.
- Sequences will be delivered to customer in .FASTA and .AB1 data format together with sequencing chromatogram in . JPEG or .TIFF, at least.