

DNA Sequencing Center



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DNA Sequencing Center (SC) of the Institute of Biotechnology (IBT) is successfully running since March 27 of 2003. SC was founded to help researchers, both at IBT as well as other institutions in Lithuania, process DNA samples in an efficient and economical manner. The Center is equipped with the Applied Biosystems 3130xl Genetic Analyzer 16-capillary automated DNA sequencer that yields 700 to 1000 bases per template. It performs cycle sequencing reactions using fluorescent dye terminators ABI Big Dye® Terminator v3.1 on any kind of DNA

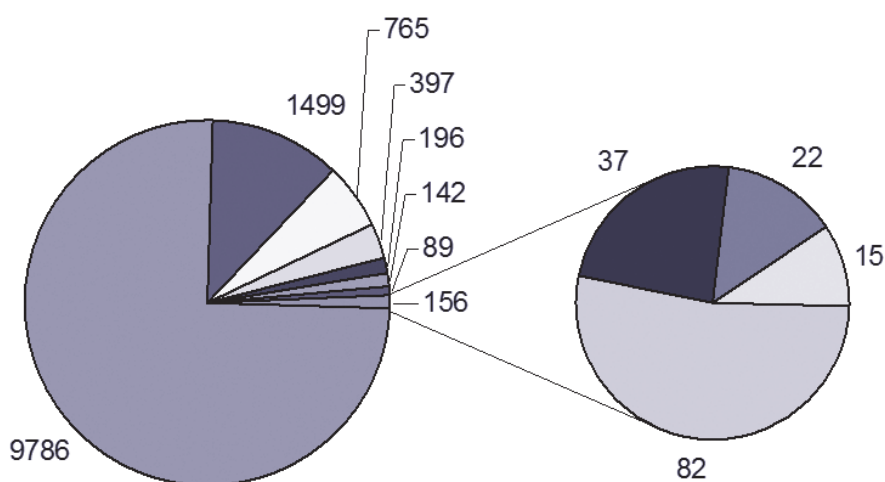
(plasmid, phage or PCR product) provided by the users. We also run the user's reactions. Usually, turnaround time takes 2-3 days after the receipt of samples. Sequencing of the larger samples may take longer.

Services provided by the DNA SC include:

- Custom DNA Sequencing
- Sequencing, PCR troubleshooting and training workshops

We are committed to giving every user satisfactory sequence.

Number of DNA sequencing reactions performed by SC for the Lithuanian institutions in 2013-2014



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| ■ Institute of Biotechnology | ■ Nature Research Centre | ■ Lithuanian Agricultural and Forestry Sciences Centre |
| ■ Vilnius University | ■ UAB ThermoFischerScientific | ■ UAB Diagnolita |
| □ Vytautas Magnus University | ■ UAB Biotechpharma | □ UAB Biocentras |
| □ UAB Nomads | □ UAB Interlux | |