



Protocols, test files and movies

More protocols, test files and movies can be found here:

Bioinformatic pipeline for bacteria (16S rRNA gene):

- Protocol: [Metabarcoding protocol – Analysis of Bacteria \(including Cyanobacteria\) using the 16S rRNA gene and a DADA2 pipeline | Zenodo](#)
- Test files: [EAW FASTQ files for bioinformatic courses \(16S rRNA genes, 2018\) | Zenodo](#)

Bioinformatic pipelines for protists (18S rRNA gene):

- Protocol: [Metabarcoding protocol – Analysis of protists using the 18S rRNA gene and a DADA2 pipeline | Zenodo](#)
- Test files: [EAW FASTQ files for bioinformatic courses \(18S rRNA genes, 2018\) | Zenodo](#)

Plankton DNA extraction:

[Plankton DNA extraction from Sterivex filter units \(protocols.io\)](#)

Biofilms DNA extraction:

[DNA extraction from environmental biofilm using the NucleoSpin® Soil kit \(MACHEREY-NAGEL\) \(protocols.io\)](#)

Library protocols for diatoms:

[Diatom DNA library preparation for Illumina Miseq Sequencing using the rbcL marker gene \(protocols.io\)](#)



Plankton sampling in lakes:

- Protocol: [Lake plankton sample collection from the field for downstream molecular analysis \(protocols.io\)](#)
- Short movie: <https://youtu.be/du5dfjNQr1E>

Biofilms sampling in rivers & lakes:

- Protocol for lake: [updated version- Lake biofilms sampling for both downstream DNA analysis and microscopic counts \(protocols.io\)](#)
- Protocol for river: [River biofilms sampling for both downstream DNA analysis and microscopic counts \(protocols.io\)](#)
- Short movie: https://youtu.be/_6Q48nSMjNA