

Danish Genome Institute

Danish Genome Institute (DGI) is a small consulting firm with a network of experts that are the best in their expert area. They cover programming and analyses in most areas of life science, but also gives laboratory and general advice. DGI is registered in Denmark.

Example services

16S rRNA data analysis software. The BION meta package (see the BION_meta.pdf sheet) can process 5-15 typical datasets per day on a \$1000 machine, at similar or better quality than the alternatives. The package generates web-ready output with detailed statistics and data access and is freely available.

Non-coding RNA analysis and profiling. The undersigned has long RNA sequence and structure analysis experience, and an earlier pipeline exists that makes ncRNA expression profiles.

Help with laboratory setup, strategies and problems. On-call consultations, but visits can also be arranged.

Procaryote genome annotation, metabolic reconstruction and design. The annotations produced by public tools and services are examined by experts. A balanced and usually much improved metabolic model is produced that can guide verification experiments and design of better strains.

Open source software and workflows. We combine existing methods into workflows, write new methods if needed and make our work freely available in a form that others can understand and run. Only open source software offers the transparency and reproducibility required by good science.

Customer support. We can help run datasets remotely, train local personel and give customers online help.

Association with us

As a service company, we only take on collaborations when we are certain the issues are well covered by our experts. Calling in outside help as needed can often avoid mistakes and lower costs. Potential customers include companies moving into new areas or core facilities looking to expand their service portfolios, for example. With us they can create custom solutions and services more easily, and better respond to user wishes. We are also open to academic collaborations and proposals.

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