A FLEXIBLE INFRASTRUCTURE FOR NEXT-GENERATION SEQUENCING PROJECTS

Veronica R Sobrado
Royal Institute of Technology, Sweden

The national genomics infrastructure (NGI, Stockholm node) provides state-of-the-art massively parallel sequencing services to researchers in Sweden (and abroad) within a wide-range of applications and protocols. We offer different types of applications such as RNA-Seq (including low input material and small RNA), whole genome resequencing, ChIP-seq, RAD-seq and de novo and DNA sequencing. We perform high throughput library preparation and sequencing followed by data processing and best practise bioinformatics analyses. Our automated protocols allow us to process hundreds of samples per week and produce high quality sequencing data. Our facility is accredited by Swedac according to the ISO/IEC 17025 international standard, which ensures that our projects are completed with rigorous quality levels. With a flexible accreditation, we continuously develop new protocols and analyses addressing the needs of our users and invest in the newest sequencing technology.

BIOGRAPHY

Veronica R Sobrado has a PhD in Molecular Biology from Universidad Autonoma de Madrid and extensive research experience in different fields, including cancer and stem cell biology. She has been working with next-generation sequencing for several years and is now Project Coordinator at the National Genomics Infrastructure (NGI) in Stockholm, Sweden. She organises project planning meetings with users, manages different types of sequencing projects and works with quality-assurance related questions.

veronica.sobrado@scilifelab.se

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