FIRALIS
BRIDGING SCIENCE TO CLINICS

Innovation & Biomarkers

The new Next Generation Sequencing Illumina NextSeq 500 is now available at Firalis

Power your research with sequencing.
Identify your genomic targets of interest.

Due to its deep sequencing capabilities the NGS NextSeq 500 instrument enables to perform a complete profiling of mRNA and lncRNA. This unique technology successfully performs identification of new transcripts, such as miRNA and lncRNA, for instance as a wide number of reads can be done in order to confirm the discovery.

The NGS platforms enable a wide variety of methods

- ✓ Whole Genome Sequencing
- ✓ Transcriptomics
- ✓ Epigenomics

Illumina DNA-to-data NGS solutions

✓ NGS library preparation kits	5-6 hours
✓ Illumina sequencing instruments	1-2 days
✓ Automated data, analysis tools	1-2 days

Firalis' Next-Generation Sequencing (NGS) services provide you high quality multi-analyte analysis focused on genomics markers such as mRNA, miRNA and lncRNA. Our expert team helps you to discover new variant markers and to assess gene expression and regulation, speeding up your clinical developments. The NGS platform at Firalis enables also to monitor your promising therapies and to analyze pathology profiling e.g cancers, inflammatory disorders and neurodegenerative diseases.

Firalis can be your partner of choice by providing you its expertise in order to achieve your ultimate goal and to make a life-changing difference to patients.

NGS : Illumina NextSeq 500 - Key Strengths

- Up to 400 million of reads (or 800M paired ends)

- Multiplexing up to 16 samples simultaneously for mRNA profiling

- Sequencing of mRNA and lncRNA (via RNAseq)

- Whole Transcriptome Assay: mRNA, lncRNA, RNA intra-nucleus

- Deep Sequencing to identify new potential RNA biomarkers such as lncRNA or miRNA

Whether seeking cutting edge technology or an expert hand to your research, taking your business to the next level, don't hesitate to contact us at sales@firalis.com to get further details about Firalis Biomarker Services and to discuss your projects.