

# END OF YEAR PROMOTION 2020!

Flexible Voucher Option. Transfer your Funds and Budget to 2021!

Buy now and perform this or any other project within 12 months.

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## RNAseq promotion and voucher option

### LOW THROUGHPUT RNA ANALYSIS: LIBRARY, SEQUENCING-RUN AND BIOINFORMATICS

#### Service includes:

- Quality and quantity check of total RNA
- mRNA isolation from total RNA starting from 1 sample
- NEBNext<sup>®</sup> Ultra<sup>™</sup> II Directional RNA library preparation
- Quantification and QC of library
- Sequencing of 1 x 75 nt / 2 x 150 nt with Illumina NextSeq 500<sup>™</sup>
- Bioinformatic data analysis 1: RNA-Seq Alignment to reference genomes<sup>2</sup> (STAR aligner, Manta, Salomon, Strelka2)
- Data delivery of FASTQ and bioinformatic analysis files via download



#### Output:

- 10 mio PE reads<sup>1</sup> (2 x 150 nt, 1.5 Gb) for only 340 €/sample
- 25 mio PE reads<sup>1</sup> (2 x 150 nt, 3.75 Gb) for only 450 €/sample
- 40 mio PE reads<sup>1</sup> (2 x 150 nt, 6 Gb) for only 550 €/sample
- 50 mio PE reads<sup>1</sup> (2 x 150 nt, 7.5 Gb) for only 620 €/sample



#### Optional: Bioinformatic services

- **Bioinformatic data analysis 2:** Pairwise comparison to identify differentially regulated genes with DESeq2 workflow starting from 120 €/comparison
- **Bioinformatic data analysis 3:** RNA-Seq Alignment to non-standard genomes from 100 €/sample
- **Bioinformatic data analysis 4:** Differential expression of novel and reference transcripts from 120 €/sample
- rRNA depletion: from 150 €/sample



### Sequencing prices valid from the very first sample!

<sup>1</sup> Depending on the nature of starting material and according to Illumina specifications the data output can vary 5-10%.

<sup>2</sup> Available reference genomes include: *H. sapiens* hg19, *H. sapiens* GRCh38Decoy, *M. musculus* mm10, *M. musculus* UCSC mm9, *R. norvegicus* rn5, *D. melanogaster* dm3, *B. taurus* bosTau6, *S. scrofa* susScr3, *G. gallus* galGal4, *D. rerio* danRer7, *C. elegans* ce10, *Z. mays* AGPv3, *A. thaliana* TAIR10, *O. sativa japonica* IRGSP-1.0, *S. cerevisiae* R64-1-1

**Star**★**SEQ**

Prices without tax. Cannot be combined with other promotions or discounts. Valid until 31.01.2021.