SUMMER PROMOTION 2020!
Flexible Voucher Option!
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 ® Ultra™ II Directional RNA library preparation
- Quantification and QC of library
- Sequencing of 1 x 75 nt / 2 x 150 nt with Illumina NextSeq 500™
- Bioinformatic data analysis 1: RNA-Seq Alignment to reference genomes[2] (STAR aligner, Manta, Salomon, Strelka2)
- Data delivery of FASTQ and bioinformatic analysis files via download

Output:

- 10 mio PE reads[1] (2 x 150 nt, 1.5 Gb)   for only   340 €/sample
- 25 mio PE reads[1] (2 x 150 nt, 3.75 Gb) for only   450 €/sample
- 40 mio PE reads[1] (2 x 150 nt, 6 Gb)   for only   550 €/sample
- 50 mio PE reads[1] (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!

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[1] Depending on the nature of starting material and according to Illumina specifications the data output can vary 5-10%.

[2] 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