IRB Barcelona - CF Biostatistics/Bioinformatics 2024

Service	Public and CERCA Institutions (€)
Microarrays: Prices based on projects consisting of 50 samples maximum	
MA1: Quality control	320,00
MA2: Differential expression	512,00
MA3: GSEA GO and KEGG	512,00
MA4: Pattern analysis (gaga)	576,00
MA5: Signature discovery	640,00
RNAseq: Prices based on projects consisting of 50 samples maximum	
RNAS1: Quality control (per sample)	16,00
RNAS2: Processing + alignment (per GBs of raw data)	2,00
RNAS3: Differential expression gene level	576,00
RNAS4: Differential expression isoform level	576,00
RNAS5: GSEA analysis GO and KEGG	576,00
RNAS6: Pattern analysis (gaga)	640,00
RNAS7: Isoform switching	768,00
RNAS8: SNP calling (per GBs of raw data)	6,00
RIPSeq: Prices based on projects consisting of 50 samples maximum	
RIPS1: Quality control (per sample)	16,00
RIPS2: Alignment + rRNA cleaning (per GBs of raw data)	2,50
RIPS3: RBP site definition + annotation + visualization	704,00
RIPS4: Gene-level / UTR-level binding assessment	704,00
RIPS5: GSEA analysis GO and KEGG	576,00
RIPS6: Regulatory motif search & assessment	704,00
ChipSeq: Prices based on projects consisting of 50 samples maximum	
CHS1: Quality control (per sample)	16,00
CHS2: Processing + alignment (per GBs of raw data)	2,50
CHS3: Peak definition + annotation visualization	704,00
CHS4: Differential Binding + Integrative analysis	832,00

Items will be charged per sample

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Service	Public and CERCA Institutions (€)
Whole Genome Sequencing: Prices based on projects consisting of 25 samples maximum	
WGS1: Quality control (per sample)	16,00
WGS2: Processing + alignment (per GBs of raw data)	2,50
WGS3: SNP calling (per GBs of raw data)	1,00
WGS4: Copy number alteration calling (per GBs of raw data)	1,00
Whole Exome Sequencing: Prices based on projects consisting of 25 samples maximum	
WES1: Quality control (per sample)	16,00
WES2: Processing + alignment (per GBs of raw data)	2,00
WES3: SNP calling (per GBs of raw data)	1,00
WES4: Copy number alteration calling (per GBs of raw data)	1,00
Proteomics:	
PR1: Quality control	320,00
PR2: Differential expression	576,00
PR3: GSEA GO and KEGG	576,00
Public databases mining/analysis:	
PD1: Selection	640,00
PD2: Curation of clinical data	896,00
PD3: Processing of expression data	896,00
PD4: Analysis: association of expression and clinical data/ copy number/ mutations	896,00
TCGA analysis:	
TCGA1: Exploratory analysis in all cancer types: association between expression and clinical variables	960,00
TCGA2: Detailed analysis with curated clinical and technical variables: association with expression	832,00
TCGA3: Data integration: copy number, expression, mutations, etc	832,00
Microbiome:	
MB1: Quality control + OTU estimation + differential abundance (per 4 samples)	960,00
MB2: Differential analysis	576,00
MB3: Phylogenetic analysis	640,00

* Items will be charged per sample

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Service	Public and CERCA Institutions (€)
Binding site prediction:	
BS1: Prediction of binding sites for a given gene in a set of regions or genome wide	420,00
Single Cell Sequencing:	
SCS1: 10X data: Quality control + alignment (per GBs of raw data)	15,00
SCS2: Ful gene data: Quality control + alignment (per GBs of raw data)	15,00
SCS3: Clustering + DE expression of clusters	640,00
SCS4: Differential expression between conditions	576,00
SCS5: GSEA GO and KEGG	576,00
SCS6: Annotation of clusters or cell populations	640,00
SCS7: Trajectory inference - based on unspliced reads (per GBs of raw data)	640,00
SCS8: Trajectory inference - based on expression matrix	640,00
SCS9: Intergration with RNASeq/signatures	576,00
ATACSeq	
ATS1: Quality control (per sample)	16,00
ATS2: Processing + alignment (per GBs of raw data)	2,50
ATS3: Peak definition + annotation visualization	704,00
ATS4: Differential Binding + Integrative analysis	832,00
Drug Screening	
DS1: Experimental design	640,00
DS2: Ranking of candidate compunds with no controls	640,00
DS3: Compound vs control comparison	768,00
Multiomic data integration	
MO1: Dataset compilation	640,00
MO2: Statistical analyses	768,00
Consulting	
CONS1: Consulting / data analysis / custom service	64,00
STATREV: Statistical revision of publication (per test)	64,00

* Items will be charged per sample

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Service	Public and CERCA Institutions (€)
Storage and computing infrastructure	
STO1: Use of server (monthly)	192,00
STO2: Data storage per month and giga	6,40
Mandatory items for all services: Prices based on projects consisting of 50 samples maximum	
SETUP: Initial meeting + experimental design + results delivery	832,00