

CCB Project Management

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Introduction

This document serves as a report on all of the requests received and projects currently completed by the CCB bioinformatics platform.

Projects

The CCB bioinformatics platform receives requests for bioinformatic assistance on various projects. The section below explores the types and nature of these requested projects.

```
path <- "~/Documents/tmp/ccb_project_management/"
ccb_proj_mgt <- read_excel(paste0(path, "/ccb_proj_mgt.xlsx"))
# View(ccb_proj_mgt)

ccb_proj_mgt %>%
  dplyr::select(-c(remarks, project_subtype)) %>%
  knitr::kable()
```

project_description	project_type	contact	lab
Single Cell Analysis of Mouse Pancreatic Cancer	Single Cell	Melanie Guyot	Bergers/Lam
Monocle 3 Single Cell Trajectory Analysis	Single Cell	Nuphar Veiga	Carmeliet
Assistance in TPM to FPM count conversion	Single Cell	Gonca Durdag	Lambrechts
Locating TCGA/CCLE meQTL Benchmark Data	Epigenetics	Francesca Lodi	Lambrechts
Installation of MAGeCK-VISPR	CRISPR-Cas9	Ria Pinioti	Mazzone
Multivariate Analysis	biostatistics	Pierre von Mol	Lambrechts
Bulk RNAseq Analysis of Mice Tumors	Bulk RNAseq	Patricia Manzano	Fendt
Bulk RNAseq Analysis of Mice Tumors	Bulk RNAseq	Lindsay Broadfield	Fendt
Implementing Bulk RNAseq Pipeline on VSC	Bulk RNAseq	CCB	CCB
PDAC Data Storage and Retrieval	Single Cell	Max Mazzone	Mazzone
SNP Calling Pipeline for Single Cell Data	Single Cell	Joanna Pozniak	Marine
Benchmarking expression of Ptgdr Genes in TCGA Melanoma	Single Cell	Rosa Trotta	Mazzone
Locating TCGA/CCLE Benchmark Data	biostatistics	Patricia Manzano	Fendt
Analysis of CNV data	CNV	Aur�lie Bousard	Marine
GO and KEGG CRISPR-Cas target annotation	CRISPR-Cas9	Alejandro Cuadros	Fendt
Benchmarking and SCENIC analysis of TAM data	Single Cell	Tommaso Scolaro	Mazzone
Proteomic Analysis of Mice Tumors	Proteomic	Lindsay Broadfield	Fendt
FACS pipeline+ Shiny App	FACS	Sanket More	Agostini
Submit data to GEO for publication	Data processing	Lindsay Broadfield	Fendt
Bulk RNAseq Analysis of Mice Tumors	Bulk RNAseq	Patricia Manzano	Fendt
MAGeCK-VISPR CRISPR-Cas Analysis	CRISPR-Cas9	Mario di Matteo	Mazzone
Benchmarking expression of genes in TCGA Tregs Melanoma	Single Cell	Ria Pinioti	Mazzone
Benchmarking expression of genes in TCGA Melanoma	Single Cell	Silvia Rivis	Mazzone
Benchmarking expression of autophagy genes in TCGA Melanoma	Single Cell	Jelle Verhoeven	Agostini
WES Copy Number Pipeline	WES	Joanna Pozniak	Marine
Upstream Regulator Analysis and GSEA	Epigenetics	Carla Domingo	Mazzone