ABOUT US

WHAT IS CODA?

CODA is a one-stop solution research centre for Omics data analysis. This centre provides consultation and assistance on high-throughput data analysis that is associated with systems biology.

WHAT DO WE DO?

Since quantitative research and data analysis are becoming increasingly important for multidisciplinary research of systems biology, CODA offers methods and consultation to clients covering data analysis and data interpretation.

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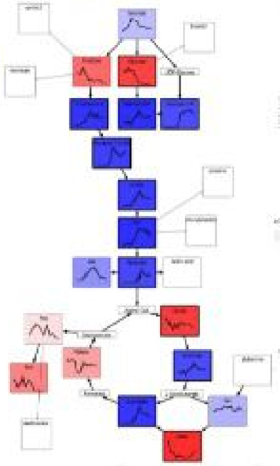
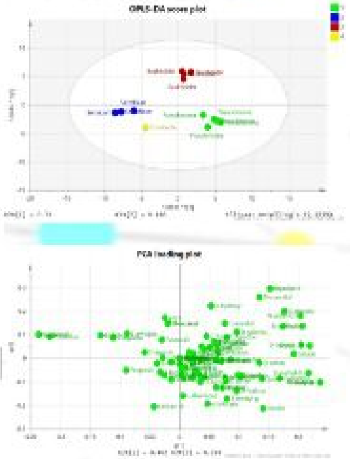
CODA

CENTRE OF OMICS DATA ANALYSIS





CODA Genomics & Transcriptomics provides NGS data analysis that starts from the processing of raw data, transcriptome assembly (referenced or de novo), functional annotation, and differentially expressed gene (DEG) analysis.

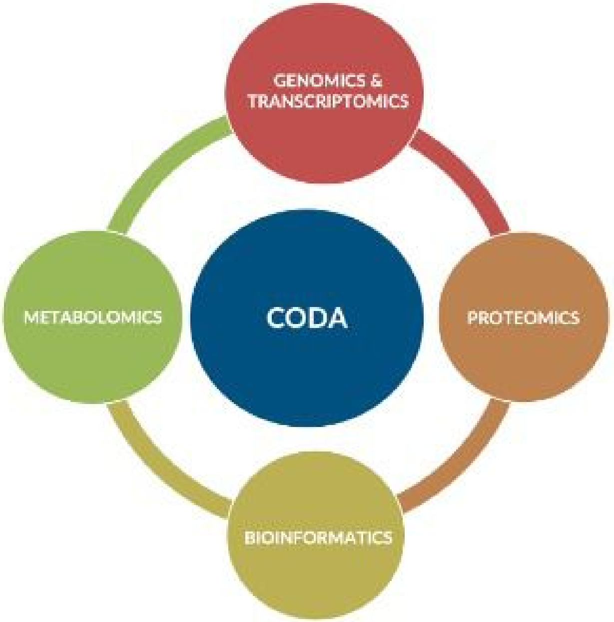
Pricing details

TYPE OF ANALYSIS	CHARGES
Transcriptome analysis Pre-processing of raw data Transcriptome assembly (Referenced / de novo) Differential Expression analysis Functional Annotation Downstream analysis (Molecular marker prediction; SNP/SSR)	RM 200 / 5 Gbp raw sequence data

CODA Proteomics undertakes this endeavour by streamlining proven and meticulous data analysis workflow for single protein identification as well as large-scale (shotgun) proteomics to cater raw file processing from various instrumentations and experimental complexity.

Pricing details

TYPE OF ANALYSIS	CHARGES
Single protein identification Data analysis of raw mass spectrometry data from various systems (Bruker, Thermo Orbitrap, Sciex, Agilent etc.)	RM 100 / sample raw data*
Shotgun proteomics / large-scale protein identification Data analysis of raw mass spectrometry data from various systems (Bruker, Thermo Orbitrap, Sciex, Agilent etc.) #	RM 1000 / project (a total of 6 samples raw data**)
Data preparation and delivery to ProteomeXchange database Raw data storage and obtaining accession number for publication	RM 25 / sample raw data*



CODA Bioinformatics service is provided for users with their own data and the scope depends on users' requirements. Services range from sequencing analysis, protein structure prediction, protein-protein interaction, and gene network analysis to the development of biological databases from various omics data.

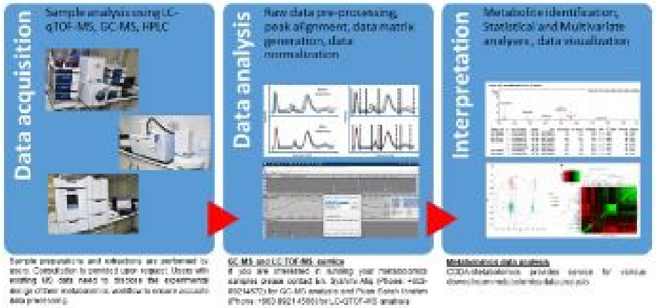
Pricing details

TYPE OF ANALYSIS	CHARGES
Sequence analysis	RM 200 / 1,000 sequence
Analysis of protein structure	RM 150/protein
Analysis of biological pathways	RM 500/1,000 sequence
Database development	
Database scheme	starting from RM 5,000 SQL
Database (data in phpMyAdmin)	starting from RM 2,000 (until 10 entities)
Database user interface (PHP controller & frontend)	starting from RM 8,000 (until 10 entities)
Database server and maintenance	starting from RM 2,000 (per annum)
Database migration	RM 2,000

CODA Metabolomics provides a comprehensive samples-to-result service for pre-existing analytical services at INBIOSIS, namely LC-TOF-MS, GC-MS, HPLC and FTIR. We also welcome users with their own datasets that need consultations or further analyses.

Pricing details

TYPE OF ANALYSIS	CHARGES
GC-MS data analysis	
Data analysis including deconvolution and alignment	RM 200 / sample raw data*
Multivariate analysis (PCA, PLS-DA, OPLS-DA) using Simca P+	RM 200 per hour
LC-MS data analysis	
Multivariate analysis	RM 200 / hour
For identification of 100 *compounds depending on complexity	RM 2,000 –
Profile analysis for pre-processing data from raw data (The raw data must be in .d format)	RM 200 /hour
r advanced analysis (biological interpretation/pathway mapping) please ntact PIC for more details. Price might varies depending on complexity of data	*Actual price will be determined



This analysis contributes towards a holistic understanding of metabolomics through the profiling and quantification of primary and secondary metabolites in the samples.