

Host

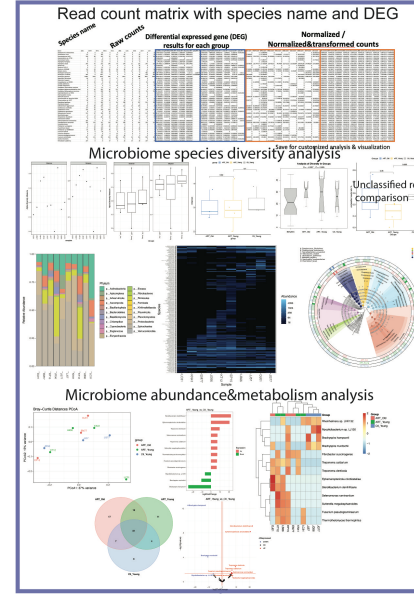
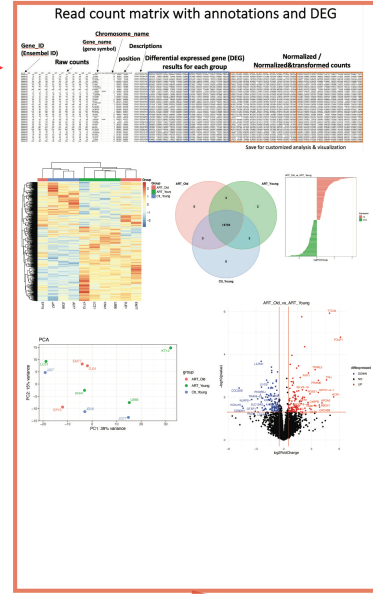
Microbiome

fastq files & a samplesheet

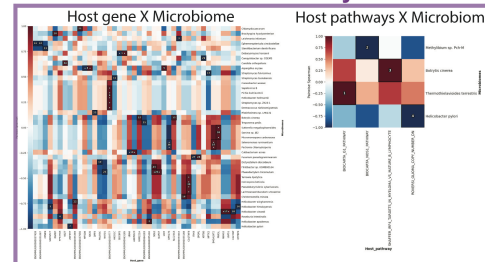
Filename	sample_name	group	comparisons	group1	vs	group2
LC31	ART_Old			ART_Old	vs	ART_Young
L866	ART_Old			ART_Young	vs	CLL_Young
KT12	ART_Young					
KN41	ART_Young					
L866	ART_Young					
LC31	ART_Young					
JG77	CLL_Young					
JD66	CLL_Young					
EP15	CLL_Young					

Host's transcriptome

Microbiome's transcriptome



Association analyses



Count matrix: quantification results & annotation of host gene

Gene expression comparisons between groups

Count matrix: quantification results

Diversity analysis & unclassified reads comparison

Abundance & phylogenetic trees

Species abundance & metabolic gene expression comparisons between groups