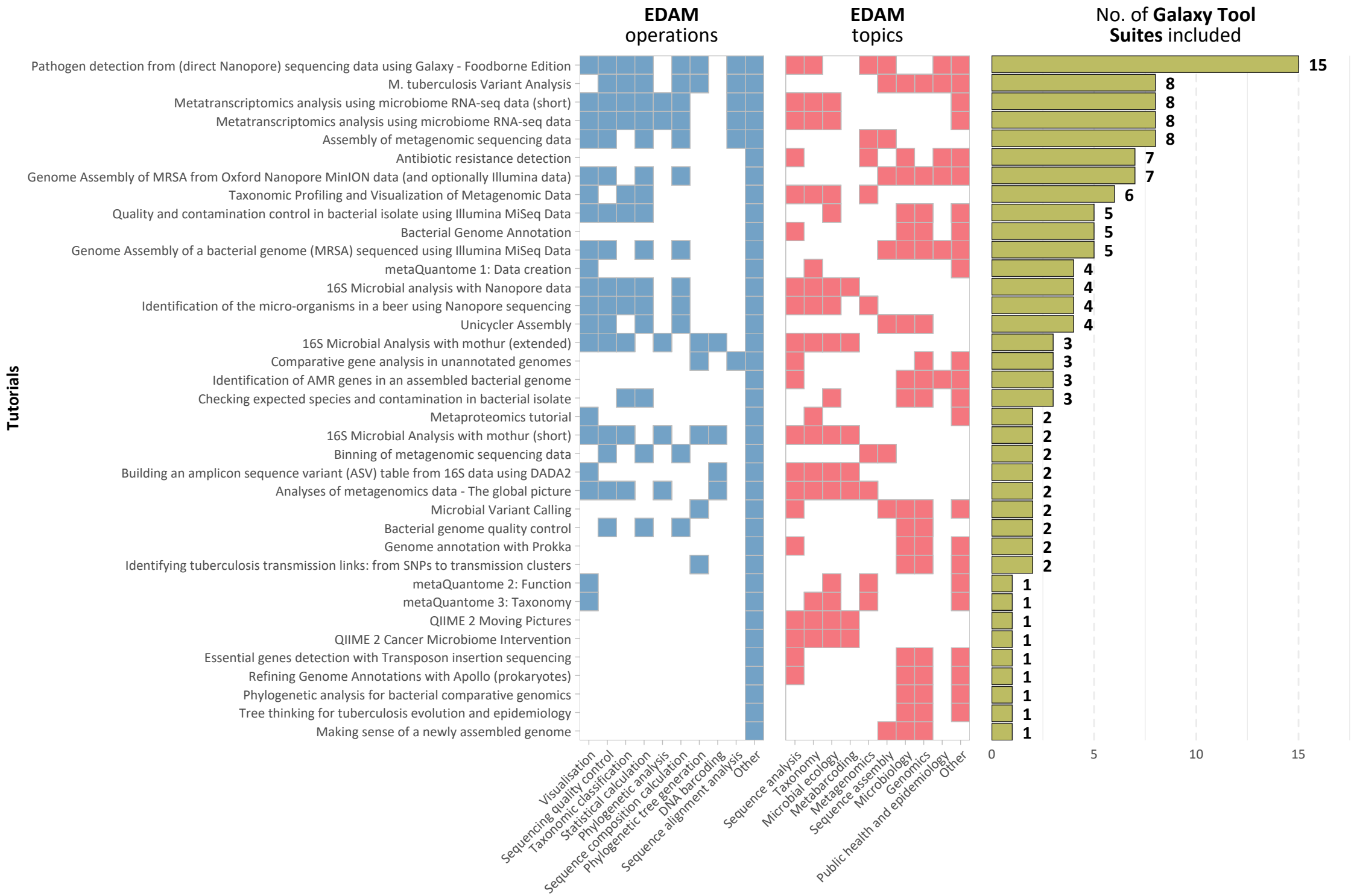
EDAM operations
EDAM topics
No. of Galaxy Tool Suites included
Tutorials
Pathogen detection from (direct Nanopore) sequencing data using Galaxy - Foodborne Edition
M. tuberculosis Variant Analysis
Metatranscriptomics analysis using microbiome RNA-seq data (short)
Metatranscriptomics analysis using microbiome RNA-seq data
Assembly of metagenomic sequencing data
Antibiotic resistance detection
Genome Assembly of MRSA from Oxford Nanopore MinION data (and optionally Illumina data)
Taxonomic Profiling and Visualization of Metagenomic Data
Quality and contamination control in bacterial isolate using Illumina MiSeq Data
Bacterial Genome Annotation
Genome Assembly of a bacterial genome (MRSA) sequenced using Illumina MiSeq Data
metaQuantome 1: Data creation
16S Microbial analysis with Nanopore data
Identification of the micro-organisms in a beer using Nanopore sequencing
Unicycler Assembly
16S Microbial Analysis with mothur (extended)
Comparative gene analysis in unannotated genomes
Identification of AMR genes in an assembled bacterial genome
Checking expected species and contamination in bacterial isolate
Metaproteomics tutorial
16S Microbial Analysis with mothur (short)
Binning of metagenomic sequencing data
Building an amplicon sequence variant (ASV) table from 16S data using DADA2
Analyses of metagenomics data - The global picture
Microbial Variant Calling
Bacterial genome quality control
Genome annotation with Prokka
Identifying tuberculosis transmission links: from SNPs to transmission clusters
metaQuantome 2: Function
metaQuantome 3: Taxonomy
QIIME 2 Moving Pictures
QIIME 2 Cancer Microbiome Intervention
Essential genes detection with Transposon insertion sequencing
Refining Genome Annotations with Apollo (prokaryotes)
Phylogenetic analysis for bacterial comparative genomics
Tree thinking for tuberculosis evolution and epidemiology
Making sense of a newly assembled genome
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Visualisation
Sequencing quality control
Taxonomic classification
Statistical calculation
Phylogenetic analysis
Sequence composition calculation
Phylogenetic tree generation
DNA barcoding
Sequence alignment analysis
Other
Sequence analysis
Taxonomy
Microbial ecology
Metabarcoding
Metagenomics
Sequence assembly
Microbiology
Genomics
Public health and epidemiology
Other
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