1. Reanotación

* Data Sheet 3.xlsx >>>> Data.xlsx
* Reanotacion.R >>>> Reanotacion.xlsx
* matrizAfterBatchRPKM.csv >>>> matrizAfterBatchRPKMFiltrado.csv
* TF-Eduardo.txt
* TF\_M\_tuberculosis\_H37Rv.R >>>> TF\_M\_tuberculosis\_H37Rv.csv
* Transcriptional regulatory network of Mycobacterium tuberculosis.txt >>>> TransReNetMtub2011.txt
* GS\_MT-FINAL.R >>>> GS\_MT.csv >>>> GS\_MT-FINAL.csv

1. Preprocesamiento

* matrix-MT\_AfterPCA.R >>>> matrix-MT\_AfterPCA

1. Reconstrucción Grenadine

* GRENADINE\_AdaBoost-classifier-MT\_AfterPCA.ipynb >>>> GRENADINE-AdaBoost\_Classifier-MT.csv
* GRENADINE\_Bayesian-ridge-MT\_AfterPCA.ipynb >>>> GRENADINE-Bayesian\_Ridge-MT.csv
* GRENADINE\_GENIE3-MT\_AfterPCA.ipynb >>>> GRENADINE-GENIE3-MT.csv
* GRENADINE\_TIGRESS-MT\_AfterPCA.ipynb >>>> GRENADINE-TIGRESS-MT.csv

1. Evaluación Resultados
2. Transformación de matrices a listas

* incidency-to-list\_MT-AdaBoost\_Classifier.R >>>> GRENADINE-AdaBoost\_Classifier-MT.txt
* incidency-to-list\_MT-Bayesian\_Ridge-MT.R >>>> GRENADINE-Bayesian\_Ridge-MT
* incidency-to-list\_MT-GENIE3.R >>>> GRENADINE-GENIE3-MT.txt
* incidency-to-list\_MT-TIGRESS.R >>>> GRENADINE-TIGRESS-MT.txt

1. Filtrado del 10% de los métodos

* FINAL-AdaBoost-MT\_10.R >>>> FINAL-AdaBoost-MT\_10.txt
* FINAL-Bayesian\_Ridge-MT\_10.R >>>> FINAL-Bayesian\_Ridge-MT\_10.txt
* FINAL-GENIE3-MT\_10.R >>>> FINAL-GENIE3-MT\_10.txt
* FINAL-TIGRESS-MT\_10.R >>>> FINAL-TIGRESS-MT\_10.txt

1. Comparar métodos para encontrar interacciones en común

* FINAL\_Network-MT\_ABGT\_10.R >>>> FINAL\_Network-MT\_ABGT\_10.txt
* FINAL\_Network-MT\_GS-ABGT\_10.R >>>> FINAL\_Network-MT\_GS-ABGT\_10.txt
* Network\_MT\_AGBT-GS\_ABGT\_10.R >>>> Network\_MT\_AGBT-GS\_ABGT\_10.txt
* Network-MT\_VS2024.R >>>> Network-MT\_VS2024.txt

1. Modularidad

* adj\_matrix\_filtered-Network-MT\_VS2024.R >>>> adj\_matrix\_filtered-Network-MT\_VS2024.txt
* adj\_matrix-Network-MT\_VS2024.R >>>> adj\_matrix-Network-MT\_VS2024.txt
* greedy\_modularity-communities.ipynb
* List-greedy\_modularity\_communities-MT\_Complete.ipynb >>>> List-greedy\_modularity\_communities-MT\_Complete.csv
* topology-GS.ipynb
* topology-GRN.ipynb

1. Análisis Topológico

* Funcion-Rv.R >>>> Funcion-Rv.xslx
* Hub-Mt.xlsx; Hub-Mt-GS.xlsx
* MMI-113-4-s001.xlsx >>>> PE-PPE.xlsx
* Network-MT\_TF-PEPPE.csv >>>> Network-Mt\_PE-PPE.xlsx; Network-Mt-GS\_PE-PPE.xlsx
* Table\_1\_Role of the PE\_PPE Family in Hostâ\_\_Pathogen Interactions and Prospects for Anti-Tuberculosis Vaccine and Diagnostic Tool Design.docx
* Community\_PE-PPE.xlsx
* Network-MT\_VS2024-Communuties.xlsx
* Interactions\_Comuninity3-6-20.R >>>> Interactions\_Comuninity3-6-20.csv
* Interactions-Community3620-peppe.xlsx
* Interactions-Communities-GRN.R >>>> Interactions-Communities-GRN(1).csv

1. Visualizar con Cytoscape

* Network-VS2024.cys

1. Modelo Booleano

* ppe4.txt
* ppe\_boolnet.R >>> out.txt
* Attractors.R >>>> out\_attractors.csv