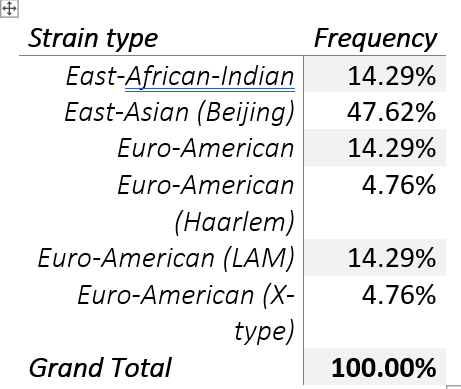
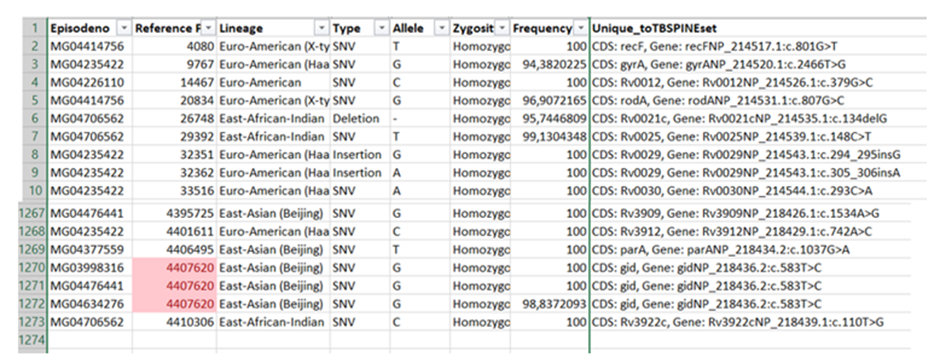


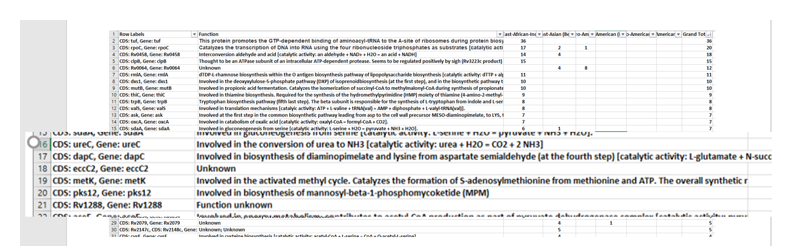
**Figure1: Tree of isolates showing lineage and genotypic resistance profile. (Filled circles indicate resistance to the drug tested.)**



**Figure.2: Distribution of strain types**



**Figure 3: 1273 mutations uniquely associated with TB spine isolates**



**Figure 4: A sample of 590 genes by lineage, showing their function. Note that a number of genes have unknown function ( enlarged section).**