

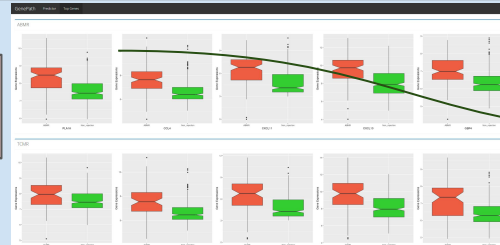
By using the 'Browse' button, pathologists can conveniently upload a CSV file containing the gene expression results of the patients from their PC.

The 'Predictor' page serves as the default page of the app, where pathologists can determine the probability of patients experiencing rejection.

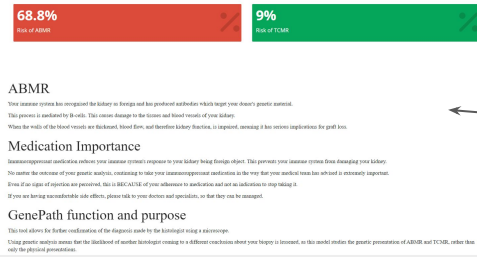
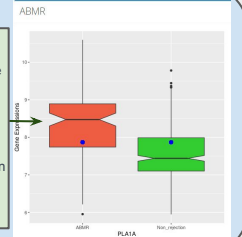
Predictor

The 'Top Genes' page defaultly shows the top 5 gene expression of ABMR and TCMR against Non-rejection in boxplots.

Top Genes



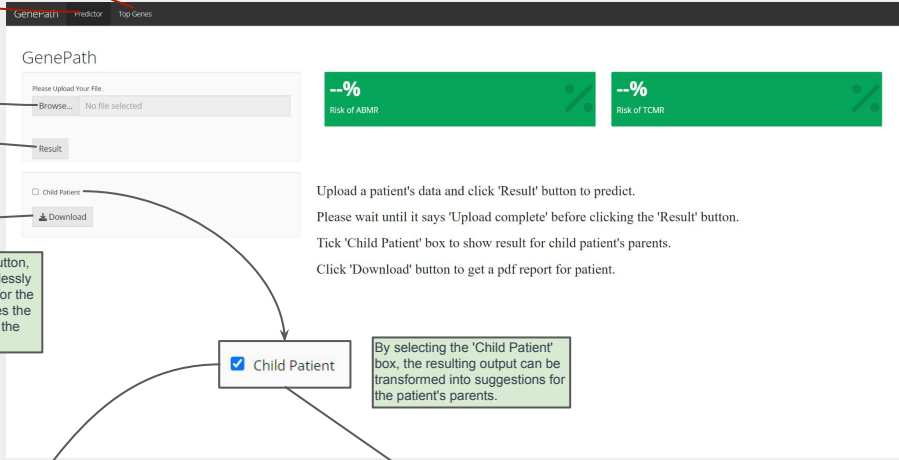
Shown here is the ABMR boxplot for the top1 gene 'PLA1A'. The blue points represent the genetic signals of the patient. The points will show up after the patient's gene expression file has been uploaded and the prediction has been made.



To obtain the results, simply click on the 'Result' button. This action will trigger the display of probability of ABMR and TCMR rejection, an introduction to the condition, the importance of medication, and an introduction of the app.

Download

With the 'Download' button, pathologists can effortlessly retrieve a PDF report for the patients, which includes the displayed results from the app.



Upload a patient's data and click 'Result' button to predict. Please wait until it says 'Upload complete' before clicking the 'Result' button. Tick 'Child Patient' box to show result for child patient's parents. Click 'Download' button to get a pdf report for patient.

By selecting the 'Child Patient' box, the resulting output can be transformed into suggestions for the patient's parents.

This checkbox also influences the generation of the report.

