

Clinical and Research Genomics Assignment #7

From Lecture_19-21 (May 3rd): Personalized Medicine

Assignment: Use Omicia software to identify and interpret disease risk and protective alleles

Due Date: 5:00PM on May 22nd

Each of your project folders in Opal now have a variant report for a relatively famous person's genome (with permission). Your assignment is to use Opal tools and/or any other available software to perform an exploratory analysis with the goal of identifying disease risk and protective variants that may have actionable impacts on the individual's health. Similar to last week's assignment, provide a report of the variants identified and clinical evidence.

Please hand the assignment on the day of the lecture, or email if you cannot attend. For any questions, please contact Priyanka Vijay (prv2004@med.cornell.edu), Ebrahim Afshinnekoo (eba2001@med.cornell.edu), Alexa McIntyre (abm237@cornell.edu), or Professor Mason (chm2042@med.cornell.edu).