# **GWAS Catalog Notes**

**Note 1:** All traits/diseases are obtained from v1.02 of the GWAS Catalog.

Graphical user interface, text, application

Description automatically generated

Graphical user interface, application, email

Description automatically generated

**Note 2:** Hyphenated returns signify the upstream and downstream genes associated with an intergenic SNP. In the example phenotype “wait-to-hip ratio adjusted for bmi”, *ATP1B4* and *LAMP2* are the respective upstream and downstream genes to the intergenic SNP associated with the phenotype.

Graphical user interface, application

Description automatically generated