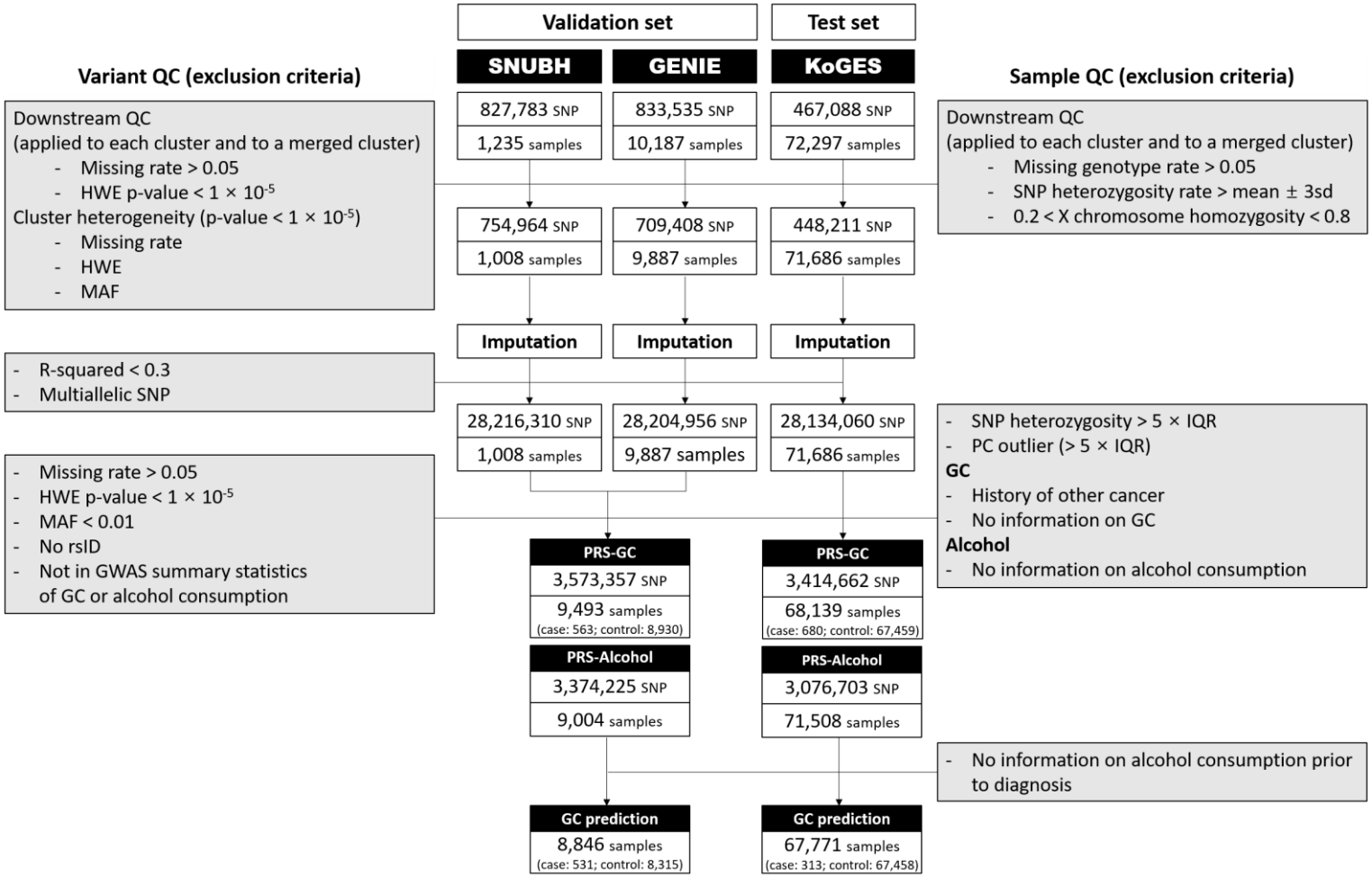


**S2 Fig.** Workflow of polygenic risk score (PRS) development in the validation and test sets. GC, gastric cancer; GENIE, Gene-environmental interaction and phenotype cohort; HWE, Hardy-Weinberg equilibrium; IQR, interquartile range; KoGES, Korean Genome and Epidemiology Study; MAF, minor allele frequency; QC, quality control; SNP, single nucleotide polymorphism; SNUBH, Seoul National University Bundang Hospital cohort.