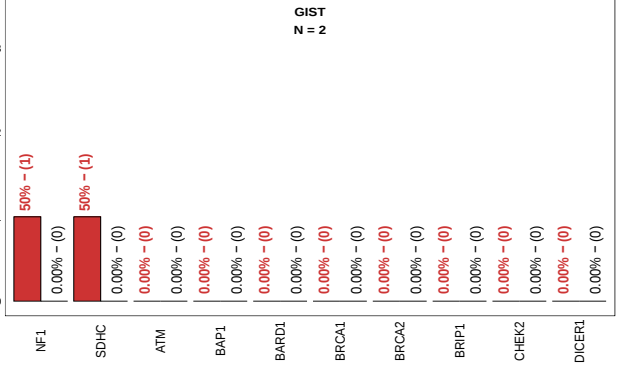
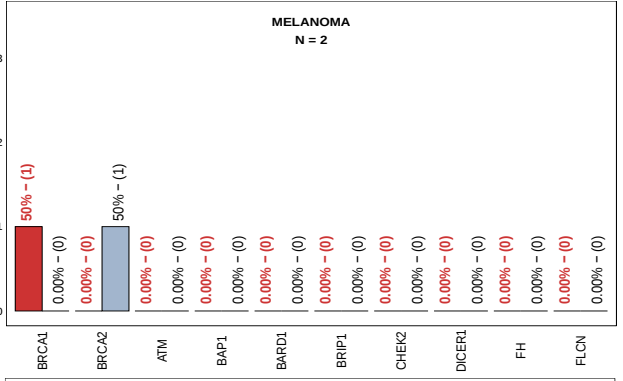
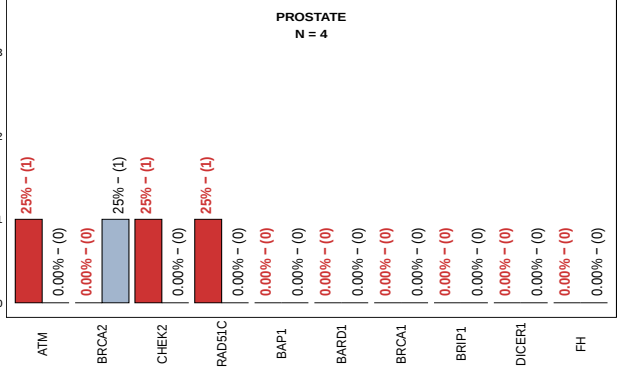
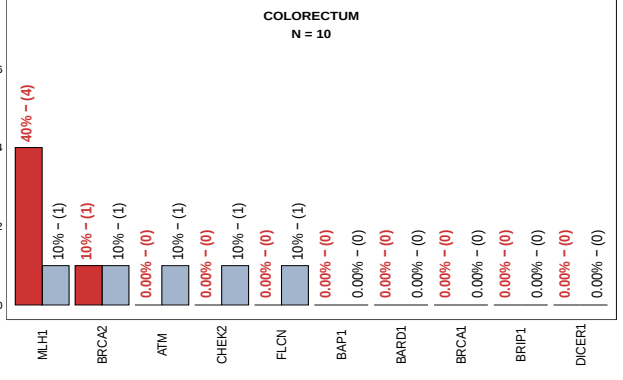
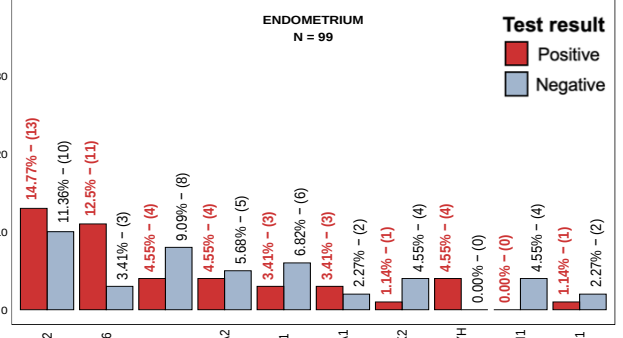
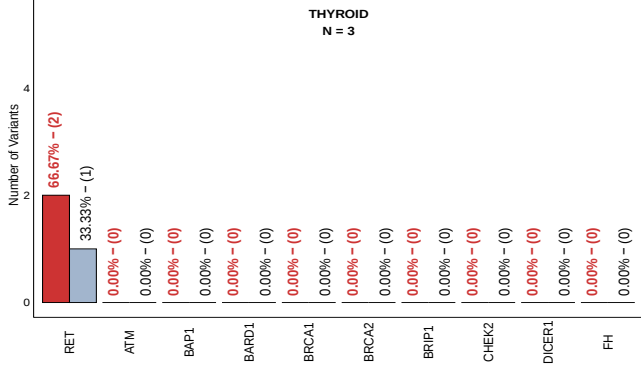
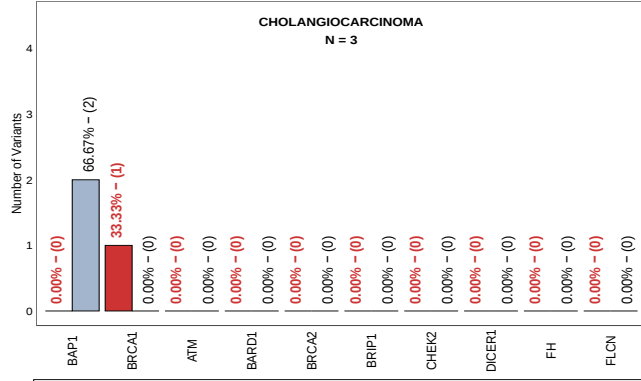
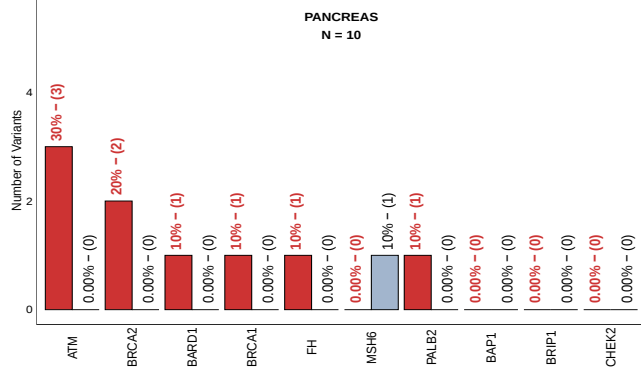
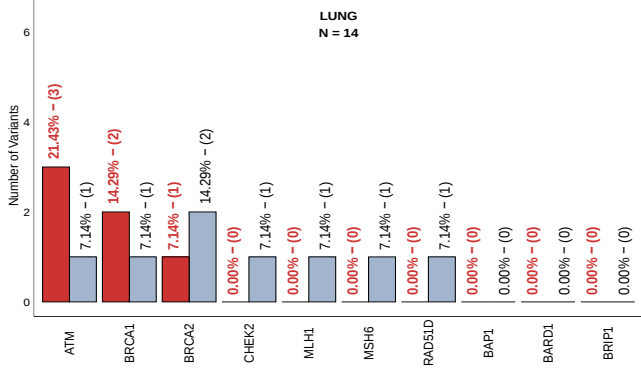
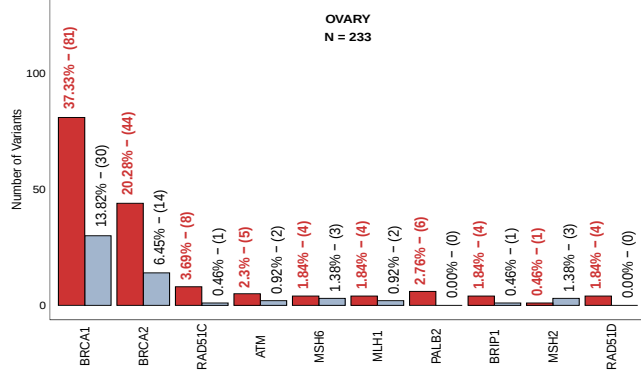


**Supplementary figure 2. Constitutional Variant Testing Results by Cancer Type and Gene**



## Supplementary figure 2. Constitutional Variant Testing Results by Cancer Type and Gene

This figure shows the number of germline variants tested across various types of cancer. Each panel represents a different cancer type (e.g., ovarian, endometrial, lung), with the total number of tested candidate variants indicated at the top (e.g.,  $N = 233$  for ovarian cancer). The x-axis lists the top 10 most frequently mutated genes, while the y-axis represents the number of detected variants. The bar plots display two columns for each gene: **positive test results** (red bars) and **negative test results** (gray bars). Above red/gray bars, the percentage of positive/negative tests for that gene relative to the total number of variants tested for that specific neoplasm is provided in **red/black text**, followed by the absolute count of positive/negative variants in parentheses for that specific gene.