

**LOF (LOFTEE) and CADD > 20 (VEP)**

Manhattan plot showing the results of a Burden Test with MAP. The y-axis represents  $-\log_{10}(p)$  values, ranging from 0 to 20. The x-axis represents the chromosomes (1 to 22). A red horizontal line indicates a significance threshold at approximately 5.5. The highest point is labeled 'GBA' on chromosome 1.