NHANES Genetic Variant Search Information Sheet

Information available for each genetic variant

Search information	Note
Survey Cycle	NHANES III, NHANES 1999-2002, NHANES 2007-2008 and NHANES 2019-2020. Available soon: NHANES 2009-2010, NHANES 2011-2012 and NHANES 2021-2023
RS ID	The Reference SNP cluster ID is an accession number referring to a specific variant
NHANES ID	Unique identity by survey for each variant
Gene Name	Gene on which the variant is located
Gene symbol	Unique symbol for corresponding gene
Chromosome	Specific chromosome on which the variant is located
Physical Position	Numeric location of correspond variant
Cytoband	Region on chromosome on which variant is located
Allele	Coding for the corresponding variant allele in the NHANES Genetic Data Repository
N	The number of survey participants genotyped for the corresponding variant
Genome Build	Reference genome assembly used for annotation of the corresponding variant
Assay	The assay used to produce the corresponding variant data
Public Release Date	The date in which the variant is available for analysis in the Research Data Center

Ways to search

By Gene

Option 1: Type or paste the gene name into the "Search All" box in the upper right corner of the screen. To search for more than one gene name, place a comma (,) between each gene name. Press the "Search All" button below the box. Next, scroll down and press "Submit" (to show results below or to download results).

Option 2: Filter by Chromosome then Cytoband or Physical Position range. Next, type in the gene name or scroll until the "Select Gene Symbol/Name" box is located. Scroll down and press "Submit" (to show results below or to download results).

By Variant

Type or paste the variant name into the "Search All" box in the upper right corner of the screen. If you are searching for more than one variant, place a comma (,) between each variant name. Next, press the "Search All" button below the box. Scroll down and press "Submit" (to show results below or to download results).

By Keyword

Type or paste keyword into the "Search All" box in the upper right corner of the screen. If you are searching for more than one keyword, place a comma (,) between each keyword. Next, press the "Search All" button below the box. Scroll down and press "Submit" (to show results below or to download results).

Important tips

- Users can view 10 results per page of up to 500 results.
- Users can download up to 10,000 results, which can be in a txt file. If more than 10,000 results, it is recommended that users refine their search.
- You must press the "Reset Form" button after each search to clear the results and to begin a new search.

Questions: Email NHANESGenetics@cdc.gov

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