

Getting the data from GWAS
catalog



GWAS Catalog

The NHGRI-EBI Catalog of human genome-wide association studies



Enter CVD search term, try possible synonyms, for example
"coronary heart disease"

Examples: breast carcinoma, rs7329174, Yao, 2q37.1, HBS1L, 6:16000000-25000000

GWAS / Search / coronary artery disease

Refine search results



P Publications

74



Click on publications

T Traits

307

G Genes

1

Search results for *coronary artery disease*



coronary artery disease

EFO_0001645

Narrowing of the coronary arteries due to fatty deposits inside the arterial walls. The diagnostic criteria may include documented history of any of the following: documented coronary artery

Click on relevant study



P Publications **74**

T Traits **307**

G Genes **1**

P [Genomewide association analysis of coronary artery disease.](#)

Samani NJ et al. 2007 N Engl J Med PMID:17634449

Associations **7** Studies **1**

P [Polygenic Hyperlipidemias and Coronary Artery Disease Risk.](#)

Ripatti P et al. 2020 Circ Genom Precis Med PMID:32154731

Associations **400** Studies **2**

P [Two-marker association tests yield new disease associations for coronary artery disease and hypertension.](#)

Slavin TP et al. 2011 Hum Genet PMID:21626137

Associations **14** Studies **2**

Catalog stats

- Last data release on 2023-11-08
- 6624 publications
- 305189 SNPs
- 559539 top associations
- 66561 full summary statistics
- Genome assembly GRCh38.p14
- dbSNP Build 154
- Ensembl Build 110
- EFO Version v3.59.0

<https://www.ebi.ac.uk/egp/pubs/publications/32154731>

Download the associations, rinse and repeat for every applicable study



Available data:

Associations 7

Studies 1

Full summary statistics 0

Download Associations

Associations 7

Show 5 entries

Column visibility

Export

Clear search

Variant and risk allele	P-value	P-value annotation	RAF	OR	Beta	CI	Mapped gene	Reported trait	Trait(s)	Background trait(s)	Study accession	Location
rs599839-A	4 x 10 ⁻⁹	-	0.77	1.29	-	[1.18-1.40]	CELSR2, PSRC1	Coronary heart disease	coronary artery disease	-	GCST000057	1:109279544
rs17228212-C	2 x 10 ⁻⁷		0.30	1.21	-	[1.13-1.30]	SMAD3	Coronary heart disease	coronary artery disease	-	GCST000057	15:67166301
rs6922269-A	3 x 10 ⁻⁸		0.25	1.23	-	[1.15-	MTHFD1L	Coronary	coronary	-	GCST000057	6:150931849