Resource Summary Report

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International AMD Genomics Consortium

RRID:SCR_013676
Type: Tool

Proper Citation

International AMD Genomics Consortium (RRID:SCR_013676)

Resource Information

URL: http://eaglep.case.edu/iamdgc_web/

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Description: The members of International Age-related Macular Degeneration Genomics Consortium (IAMDGC) have jointly assembled the largest collection of AMD case and control DNA in the world. The current efforts of the IAMDGC involve evaluating genomic data from the collective ~50,000 sample dataset genotyped on the Illumina HumanCoreExome chip, with additional GWAS and custom content. This study is designed to bridge the gap between association studies of common variants and sequencing studies of rare variants by simultaneously assessing both rare and common variation. The approximately 500,000 markers included on this array along with the more than 11 million subsequently imputed variants provide superior coverage of known disease susceptibility loci through intentional fine-mapping and improve the power for novel disease locus detection as this is the largest genomic analysis of AMD to date. These data will also support further analysis of the genetic architecture of AMD including more detailed analyses of genes, interactions, pathways, and phenotypes.

Abbreviations: IAMDGC

Resource Type: organization portal, data or information resource, consortium, portal

Keywords: government, biomarkers, basic science, macular degeneration, genomics,

Funding: NEI

Resource Name: International AMD Genomics Consortium

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Ratings and Alerts

No rating or validation information has been found for International AMD Genomics Consortium.

No alerts have been found for International AMD Genomics Consortium.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Grassmann F, et al. (2016) Multiallelic copy number variation in the complement component 4A (C4A) gene is associated with late-stage age-related macular degeneration (AMD). Journal of neuroinflammation, 13(1), 81.