

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

[autoSNPdb](#)

RRID:SCR_001927

Type: Tool

Proper Citation

autoSNPdb (RRID:SCR_001927)

Resource Information

URL: <http://autosnpdb.appliedbioinformatics.com.au>

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Description: We have developed an integrated SNP discovery pipeline, which identifies SNPs from assembled EST sequences. The results are maintained in a custom relational database along with EST source and annotation information. The current database hosts data for the important crops rice, barley and Brassica. Users may rapidly identify polymorphic sequences of interest through BLAST sequence comparison, keyword searches of annotations derived from UniRef90 and GenBank comparisons, GO annotations or in genes corresponding to syntenic regions of reference genomes. In addition, SNPs between specific varieties may be identified for targeted mapping and association studies. SNPs are viewed using a user-friendly graphical interface. The implementation of autoSNPdb allows researchers to query the results of SNP analysis to characterize SNPs between specific groups of individuals or within genes with predicted function. The system is flexible and researchers may add additional levels of annotation, and perform novel queries specific to their area of interest. If you have sequence data you'd like to include please contact Dave Edwards.

Abbreviations: autoSNPdb

Resource Type: data or information resource, data repository, database, service resource, storage service resource

Defining Citation: [PMID:18854357](#), [PMID:19386041](#)

Keywords: gene, gene function, single nucleotide polymorphism

Funding: Australian Research Council

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: autoSNPdb

Resource ID: SCR_001927

Alternate IDs: nif-0000-02589

Alternate URLs: <https://omictools.com/autosnpdb-tool>

Old URLs: <http://acpfg.imb.uq.edu.au/autosnpdb.php>

Record Creation Time: 20220129T080210+0000

Record Last Update: 20260829T182108+0000

Ratings and Alerts

No rating or validation information has been found for autoSNPdb.

No alerts have been found for autoSNPdb.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.