Resource Summary Report

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SPEED- Searchable Prototype Experimental Evolutionary Database

RRID:SCR_005098
Type: Tool

Proper Citation

SPEED- Searchable Prototype Experimental Evolutionary Database (RRID:SCR_005098)

Resource Information

URL: http://bioinfobase.umkc.edu/speed/speed_main.htm

Proper Citation: SPEED- Searchable Prototype Experimental Evolutionary Database (RRID:SCR_005098)

Description: A new, relational database to be used for disease gene discovery, gene annotation and reporting, and searching for genes for future studies in model organisms. It incorporates 5 layers of information about the genes residing in it- the expression information from a gene (as reported in Unigene), the cytological location of the gene (if available), the ortholog of each gene in the available species within the database, the divergence information between species for each gene, and functional information as reported by OMIM and the Enzyme Commission (EC) reference number of genes. Tables have also been created to help record polymorphism data and functional information about specific changes within or between species, such as measured by Granthams distance (1) or model organism studies.

Abbreviations: SPEED

Synonyms: Searchable Prototype Experimental Evolutionary Database

Resource Type: database, data or information resource

Keywords: gene annotation, gene discovery, gene location, gene ortholog, gene species divergence, disease gene discovery

Funding:

Resource Name: SPEED- Searchable Prototype Experimental Evolutionary Database

Resource ID: SCR_005098

Alternate IDs: nif-0000-03486

Record Creation Time: 20220129T080228+0000

Record Last Update: 20250420T015514+0000

Ratings and Alerts

No rating or validation information has been found for SPEED- Searchable Prototype Experimental Evolutionary Database.

No alerts have been found for SPEED- Searchable Prototype Experimental Evolutionary Database.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Martin A, et al. (2020) A Mobile Phone Intervention to Improve Obesity-Related Health Behaviors of Adolescents Across Europe: Iterative Co-Design and Feasibility Study. JMIR mHealth and uHealth, 8(3), e14118.

Rai HK, et al. (2020) An Individual Cognitive Stimulation Therapy App for People With Dementia: Development and Usability Study of Thinkability. JMIR aging, 3(2), e17105.

Hammesfahr B, et al. (2011) diArk 2.0 provides detailed analyses of the ever increasing eukaryotic genome sequencing data. BMC research notes, 4, 338.