

Resource Summary Report

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GeneSpeed- A Database of Unigene Domain Organization

RRID:SCR_002779

Type: Tool

Proper Citation

GeneSpeed- A Database of Unigene Domain Organization (RRID:SCR_002779)

Resource Information

URL: <http://genespeed.ccf.org/home/>

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Description: THIS RESOURCE IS NO LONGER IN SERVICE, documented on July 16, 2013. Database and customized tools to study the PFAM protein domain content of the transcriptome for all expressed genes of Homo sapiens, Mus musculus, Drosophila melanogaster, and Caenorhabditis elegans tethered to both a genomics array repository database and a range of external information resources. GeneSpeed has merged information from several existing data sets including the Gene Ontology Consortium, InterPro, Pfam, Unigene, as well as micro-array datasets. GeneSpeed is a database of PFAM domain homology contained within Unigene. Because Unigene is a non-redundant dbEST database, this provides a wide encompassing overview of the domain content of the expressed transcriptome. We have structured the GeneSpeed Database to include a rich toolset allowing the investigator to study all domain homology, no matter how remote. As a result, homology cutoff score decisions are determined by the scientist, not by a computer algorithm. This quality is one of the novel defining features of the GeneSpeed database giving the user complete control of database content. In addition to a domain content toolset, GeneSpeed provides an assortment of links to external databases, a unique and manually curated Transcription Factor Classification list, as well as links to our newly evolving GeneSpeed BetaCell Database. GeneSpeed BetaCell is a micro-array depository combined with custom array analysis tools created with an emphasis around the meta analysis of developmental time series micro-array datasets and their significance in pancreatic beta cells.

Synonyms: GeneSpeed Database

Resource Type: data or information resource, analysis service resource, service resource, database, production service resource, data analysis service, resource

Defining Citation: [PMID:17132830](#)

Keywords: molecular neuroanatomy resource, drosophila melanogaster, genome, caenorhabditis elegans, c. elegans, genomics, homo sapiens, mus musculus, protein domain, transcriptome

Funding: NIDDK P30DK57516;
NIDDK DK61248

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: GeneSpeed- A Database of Unigene Domain Organization

Resource ID: SCR_002779

Alternate IDs: nif-0000-02887

Old URLs: <http://genespeed.uchsc.edu/>, <http://genespeed.ccf.org>

Record Creation Time: 20220129T080215+0000

Record Last Update: 20250509T055545+0000

Ratings and Alerts

No rating or validation information has been found for GeneSpeed- A Database of Unigene Domain Organization .

No alerts have been found for GeneSpeed- A Database of Unigene Domain Organization .

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.