

Resource Summary Report

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FLJ Human cDNA Database

RRID:SCR_008253

Type: Tool

Proper Citation

FLJ Human cDNA Database (RRID:SCR_008253)

Resource Information

URL: <http://flj.hinv.jp/>

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Description: A human full-length cDNA sequence analysis database focused on mRNA varieties caused by variations of transcription start site (TSS) and splicing. Also available is ATGpr, a program for identifying the translational initiation codons in cDNA sequences. Data are derived from several full-length cDNA studies in Japan. Human gene number was estimated to be 20-25 thousand. However, the number of human mRNA varieties was predicted to be about 100 thousand. The varieties are thought to be caused by variations of TSS and splicing. In their previous human cDNA project, about 30 thousand of FLJ human full-length sequenced cDNAs were deposited to DDBJ/GenBank/EMBL, and they obtained about 1.4 million of 5'-end sequences (5'-EST) of FLJ full-length cDNAs from about 100 kinds of cDNA libraries consist of human tissues and cells constructed by oligo-capping method. The majority of the insert cDNA sizes were over 2 kb and the full-length rate of 5'-end was 90. And our FLJ cDNAs were covered about 80 of human genes. About 22 thousand of finished grades of full-length sequenced cDNAs were obtained in this project. The sequence analysis databases is focused on mRNA variations using human genome and cDNA sequences, FLJ full-length sequenced cDNAs, 5-ESTs of FLJ full-length cDNAs and other cDNA sequences described below. After those sequences were mapped onto the human genome sequences, clustering of the cDNA sequences were done based on the mapping results.

Abbreviations: FLJ Human cDNA Database

Resource Type: molecular neuroanatomy resource, production service resource, database, service resource, analysis service resource, material analysis service, biomaterial analysis service, data or information resource

Keywords: expressed sequence tag, cdna, cdna sequences, full-length cdna, genome, genome locus, mrna, mrna variations, oligo-capping, prediction, sequence analysis, splicing, transcription start site

Resource Name: FLJ Human cDNA Database

Resource ID: SCR_008253

Alternate IDs: nif-0000-22388

Record Creation Time: 20220129T080246+0000

Record Last Update: 20260804T043400+0000

Ratings and Alerts

No rating or validation information has been found for FLJ Human cDNA Database.

No alerts have been found for FLJ Human cDNA Database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.