

Resource Summary Report

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ATID: Alternative Translational Initiation Database

RRID:SCR_009432

Type: Tool

Proper Citation

ATID: Alternative Translational Initiation Database (RRID:SCR_009432)

Resource Information

URL: <http://bioinfo.au.tsinghua.edu.cn/atie/>

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Description: A database of publicly available genes, alternatively translational isoforms and their detailed annotation. Alternative translational initiation is one of mechanisms to increase the complexity level of an organism by alternative gene expression pathways. The use of alternative translation initiation codons in a single mRNA contributes to the generation of protein diversity. The genes produce two or more versions of the encoded proteins, and the shorter version, initiated from a downstream in-frame start codon, lacks the N-terminal amino acids fragment of the full-length isoform version. Since the first discovery of alternative translation initiation, a small, yet growing, number of mRNAs initiating translation from alternative start codons have been reported. Various studies began to emerge focusing on this new field in gene expression and revealed the biological significance of the use of alternative initiation. In response to the need for systematic studies on genes involving alternative translational initiation, Alternative Translational Initiation Database(ATID) is established to provide data of publicly available genes, alternatively translational isoforms and their detailed annotation.

Abbreviations: ATID

Synonyms: Alternative Translational Initiation Database

Resource Type: data or information resource, database

Defining Citation: [PMID:16216831](#)

Keywords: alternative translational initiation, alternative start codons, gene

Resource Name: ATID: Alternative Translational Initiation Database

Resource ID: SCR_009432

Alternate IDs: nlx_15496

Record Creation Time: 20220129T080252+0000

Record Last Update: 20260801T191012+0000

Ratings and Alerts

No rating or validation information has been found for ATID: Alternative Translational Initiation Database.

No alerts have been found for ATID: Alternative Translational Initiation Database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.