

# Resource Summary Report

Generated by [Kravitz](#) on Sep 10, 2026

## 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/>

**Proper Citation:** ATID: Alternative Translational Initiation Database (RRID:SCR\_009432)

**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:** 20260905T133156+0000

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## 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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.