## **Resource Summary Report**

Generated by <u>NIF</u> on May 1, 2025

# **TranslatorX**

RRID:SCR\_014733 Type: Tool

**Proper Citation** 

TranslatorX (RRID:SCR\_014733)

### **Resource Information**

URL: http://translatorx.co.uk/

Proper Citation: TranslatorX (RRID:SCR\_014733)

**Description:** Nucleotide sequence alignment and alignment cleaning based on amino acid information. Users can paste nt-sequences into the application and select the desired protein alignment method and the genetic code, and the option for alignment cleaning.

**Resource Type:** software resource, data processing software, software application, web application, sequence analysis software, data analysis software

Defining Citation: DOI:10.1093/nar/gkq291

**Keywords:** nucleotide sequence, sequence alignment, amino acid, alignment cleaning, sequence analysis software

#### Funding:

Availability: Free, Local version is available for download

Resource Name: TranslatorX

Resource ID: SCR\_014733

Record Creation Time: 20220129T080322+0000

Record Last Update: 20250501T081221+0000

**Ratings and Alerts** 

No rating or validation information has been found for TranslatorX.

No alerts have been found for TranslatorX.

## Data and Source Information

Source: SciCrunch Registry

## **Usage and Citation Metrics**

We found 384 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>NIF</u>.

Saad LO, et al. (2025) Reduced adult stem cell fate specification led to eye reduction in cave planarians. Nature communications, 16(1), 304.

Zakerzade R, et al. (2025) Diversification and recurrent adaptation of the synaptonemal complex in Drosophila. PLoS genetics, 21(1), e1011549.

Bett VK, et al. (2024) Chromosome-Level Assembly of Artemia franciscana Sheds Light on Sex Chromosome Differentiation. Genome biology and evolution, 16(1).

St-Laurent RE, et al. (2024) Characterization of Aeromonas salmonicida mesophilic isolates from Alberta (Canada) allows the development of a more sensitive Dictyostelium discoideum predation test. FEMS microbiology letters, 371.

Biedler JK, et al. (2024) On the Origin and Evolution of the Mosquito Male-determining Factor Nix. Molecular biology and evolution, 41(1).

Kovacs TGL, et al. (2024) Dating in the Dark: Elevated Substitution Rates in Cave Cockroaches (Blattodea: Nocticolidae) Have Negative Impacts on Molecular Date Estimates. Systematic biology, 73(3), 532.

Wang MM, et al. (2024) A comprehensive sampling of mitogenomes shows the utility to infer phylogeny of termites (Blattodea: Termitoidae). Journal of insect science (Online), 24(2).

Chen S, et al. (2024) Phylogeographic Pattern of the Assassin Bug Sycanus bifidus Inferred from Mitochondrial Genomes and Nuclear Genes. Biology, 13(5).

Hoornstra D, et al. (2024) Combining short- and long-read sequencing unveils geographically structured diversity in Borrelia miyamotoi. iScience, 27(9), 110616.

Zhang X, et al. (2024) Characteristics and Comparative Analysis of Mitochondrial Genomes of the Aphid Genus Hyalopterus Koch (Hemiptera: Aphididae: Aphidinae). Insects, 15(6).

Karlin DG, et al. (2024) Parvovirus B19 and Human Parvovirus 4 Encode Similar Proteins in

a Reading Frame Overlapping the VP1 Capsid Gene. Viruses, 16(2).

Moreira-Soto RD, et al. (2024) How conspecific and allospecific eggs and larvae drive oviposition preference in Drosophila. Chemical senses, 49.

Li L, et al. (2024) Purifying selection drives distinctive arsenic metabolism pathways in prokaryotic and eukaryotic microbes. ISME communications, 4(1), ycae106.

Ward CM, et al. (2024) Adaptation During the Shift from Entomopathogen to Endosymbiont Is Accompanied by Gene Loss and Intensified Selection. Genome biology and evolution, 16(12).

Russo A, et al. (2024) Genome of the early spider-orchid Ophrys sphegodes provides insights into sexual deception and pollinator adaptation. Nature communications, 15(1), 6308.

Mira F, et al. (2024) Molecular epidemiology of canine parvovirus type 2 in Sicily, southern Italy: A geographical island, an epidemiological continuum. Heliyon, 10(4), e26561.

Zhao L, et al. (2024) Positive selection and relaxed purifying selection contribute to rapid evolution of male-biased genes in a dioecious flowering plant. eLife, 12.

Zhang D, et al. (2024) Phylogenetic placement and comparative analysis of the mitochondrial genomes of Idiostoloidea (Hemiptera: Heteroptera). Ecology and evolution, 14(5), e11328.

Zhao T, et al. (2024) Narrowing down the candidates of beneficial A-to-I RNA editing by comparing the recoding sites with uneditable counterparts. Nucleus (Austin, Tex.), 15(1), 2304503.

Zhang Q, et al. (2024) Phylogenomics resolves the higher-level phylogeny of herbivorous eriophyoid mites (Acariformes: Eriophyoidea). BMC biology, 22(1), 70.