Resource Summary Report

Generated by RRID on Apr 8, 2025

InBase

RRID:SCR_003881
Type: Tool

Proper Citation

InBase (RRID:SCR_003881)

Resource Information

URL: http://tools.neb.com/inbase/

Proper Citation: InBase (RRID:SCR_003881)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 23,2022. InBase is a curated database devoted to inteins. It developed by a commercial laboratory, New England BioLabs, that also provides products related to enzyme digests on the same website. Users can access the Intein Registry, to discover properties of individual inteins. They can also submit intein data, browse intein motfis, and view mechanisms and introductions to protein splicing.

Synonyms: InBase

Resource Type: data or information resource, database

Defining Citation: PMID:10592269, PMID:11752343

Funding:

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: InBase

Resource ID: SCR_003881

Alternate IDs: nif-0000-03020

Alternate URLs: http://www.neb.com/neb/inteins.html

Record Creation Time: 20220129T080221+0000

Record Last Update: 20250404T060306+0000

Ratings and Alerts

No rating or validation information has been found for InBase.

No alerts have been found for InBase.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.

Brovin A, et al. (2024) Protein trans-splicing: optimization of intein-mediated GFP assembly as a model for the development of gene therapy. Frontiers in bioengineering and biotechnology, 12, 1488912.

Gallot-Lavallée L, et al. (2023) Massive intein content in Anaeramoeba reveals aspects of intein mobility in eukaryotes. Proceedings of the National Academy of Sciences of the United States of America, 120(49), e2306381120.

Peymanfar SH, et al. (2020) Characterization and In Silico Analysis of The Structural Features of G-CSF Derived from Lysates of Escherichia coli. Cell journal, 21(4), 426.

Green CM, et al. (2018) The dynamic intein landscape of eukaryotes. Mobile DNA, 9, 4.

Ramstein GP, et al. (2016) Accuracy of Genomic Prediction in Switchgrass (Panicum virgatum L.) Improved by Accounting for Linkage Disequilibrium. G3 (Bethesda, Md.), 6(4), 1049.

Novikova O, et al. (2016) Intein Clustering Suggests Functional Importance in Different Domains of Life. Molecular biology and evolution, 33(3), 783.

Kelley DS, et al. (2016) Mycobacteriophages as Incubators for Intein Dissemination and Evolution. mBio, 7(5).

Basharat M, et al. (2014) Evaluation of short-TE (1)H MRSI for quantification of metabolites in the prostate. NMR in biomedicine, 27(4), 459.

Soucy SM, et al. (2014) Inteins as indicators of gene flow in the halobacteria. Frontiers in microbiology, 5, 299.

Dwivedi B, et al. (2013) A bioinformatic analysis of ribonucleotide reductase genes in phage genomes and metagenomes. BMC evolutionary biology, 13, 33.

Pearl EJ, et al. (2007) Sequence requirements for splicing by the Cne PRP8 intein. FEBS letters, 581(16), 3000.