

Resource Summary Report

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PANDIT : Protein and Associated Nucleotide Domains with Inferred Trees

RRID:SCR_003321

Type: Tool

Proper Citation

PANDIT : Protein and Associated Nucleotide Domains with Inferred Trees
(RRID:SCR_003321)

Resource Information

URL: <http://www.ebi.ac.uk/goldman-srv/pandit>

Proper Citation: PANDIT : Protein and Associated Nucleotide Domains with Inferred Trees (RRID:SCR_003321)

Description: PANDIT is a collection of multiple sequence alignments and phylogenetic trees covering many common protein domains. It contains: * the seed protein sequence alignments from the Pfam-A (curated families) database (version 17.0) * nucleotide sequence alignments derived from sequences available for the above and using the protein alignments as "templates"; * protein sequence alignments restricted to the family members for which nucleotide sequences are available * inferred phylogenetic trees for each alignment The data in PANDIT and the dataset's development have been frozen owing to a lack of funding support. The existing data, version 17.0 corresponding to Pfam 17.0, remain stable and, we hope, useful. The entire database is also available for download as a flatfile from this website.

Abbreviations: PANDIT

Synonyms: Protein and Associated Nucleotide Domains with Inferred Trees

Resource Type: data or information resource, database

Defining Citation: [PMID:16381879](#), [PMID:12912837](#)

Keywords: gold standard, database, protein, associated nucleotide domain

Funding: Wellcome Trust

Availability: Free, Available for download, Freely available

Resource Name: PANDIT : Protein and Associated Nucleotide Domains with Inferred Trees

Resource ID: SCR_003321

Alternate IDs: r3d100010570, nif-0000-03241

Alternate URLs: <https://doi.org/10.17616/R3GP69>

License: GNU Library General Public License

Record Creation Time: 20220129T080218+0000

Record Last Update: 20260821T193658+0000

Ratings and Alerts

No rating or validation information has been found for PANDIT : Protein and Associated Nucleotide Domains with Inferred Trees.

No alerts have been found for PANDIT : Protein and Associated Nucleotide Domains with Inferred Trees.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Dimitrieva S, et al. (2014) Unraveling patterns of site-to-site synonymous rates variation and associated gene properties of protein domains and families. PloS one, 9(6), e95034.

Herrada A, et al. (2011) Scaling properties of protein family phylogenies. BMC evolutionary biology, 11, 155.

Whelan S, et al. (2006) PANDIT: an evolution-centric database of protein and associated nucleotide domains with inferred trees. Nucleic acids research, 34(Database issue), D327.

Galperin MY, et al. (2005) The Molecular Biology Database Collection: 2005 update. Nucleic acids research, 33(Database issue), D5.