

Product: BioRS Integration and Retrieval System

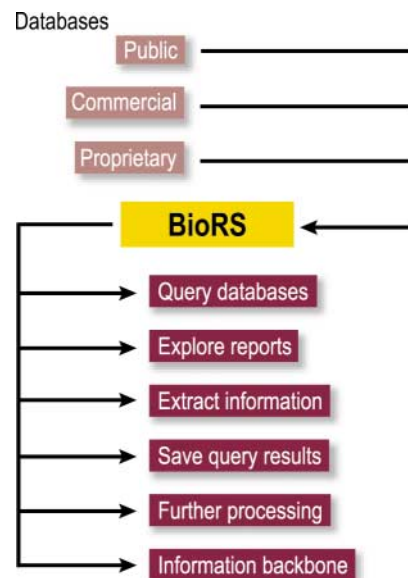
Applications: search and retrieval of public and proprietary databases, information backbone based on relational and flat-file formats in a distributed environment

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| TBX3_HUMAN | | | | | | |
|---|---|----------|----------|------------------|------------|----------|
| T-box transcription factor TBX3 (T-box protein 3) | | | | | | |
| ▲ | Overview | Features | Comments | Cross-references | References | Sequence |
| Accession number | O15119 Q8TB20 | | | | | |
| Gene name(s) | TBX3 | | | | | |
| Keywords | 3D-structure, Alternative splicing, Developmental protein, Disease mutation, DNA-binding, Nuclear protein, Repressor, Transcription, Transcription regulation | | | | | |
| Organism source | Homo sapiens | | | | | |
| Taxonomy | Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Euarchontoglires, Primates, Catarrhini, Hominidae, Homo, | | | | | |
| NCBI TaxID | 9606 | | | | | |
| Created | 07/15/1999 | | | | | |
| Sequence update | 02/15/1999 | | | | | |
| Annotation update | 05/01/2005 | | | | | |
| ▲ | Overview | Features | Comments | Cross-references | References | Sequence |
| | | | | | | |
| DESCRIPTION : T-box; second part. COORDINATES: 241 - 304 | | | | | | |

Excerpt from a BioRS view of a UniProt entry



Information integration and retrieval

As the amount and complexity of data continues to grow, quick and efficient information retrieval is a critical goal for research and development. Extracting information from multiple heterogeneous sources — including your own data as well as data from public and commercial databases — is an essential part of nearly every biological research project in the areas of biotechnology, medicine, pharmacology and agriculture.

Proprietary data — even when stored at different locations — can be combined with public and commercial databases and integrated into a unified environment. Scientists can locate related information from multiple sources using the extensive cross-linking between databases and combined reports.

The BioRS™ system provides a convenient database search environment for users of various levels — whether occasional user, every-day user or expert. Multiple databases of different flat-file or relational formats can be searched simultaneously with a single query. Convenient tools are available for viewing and exporting retrieved information, and additional tools, such as BLAST or pattern search, can be integrated as necessary.

The BioRS system can be run as a stand-alone data integration and retrieval system or, alternatively, can be used as an information backbone supporting other software, such as the Pedant-Pro™ and BioXM™ systems.

Get the most from your data

- Show protein information from UniProt together with the information from EMBL
- Select genes from BioRS query results and retrieve similar sequences from your proprietary database
- Find all human kinases with transmembrane domains which are associated with liver cancer
- Save genes from a specific plant pathway in a spreadsheet
- Retrieve specific bacterial genes for antibiotic resistance and export to plan cloning experiments
- Download a list of all plant storage proteins for input into pattern searches to find protease cleavage sites

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