

Catalog of Biological and Biomedical Databases Published in 2013

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Abstract

There had been a large number of biological and biomedical related databases being created over the years with a steady rise of about 10% from 2005 to 2012. However, it is difficult to navigate the range of databases as there is no current database inventory and links to databases are embedded in their respective publications. In this study, we developed a set of 91 cataloging tags based on software repositories and listed 379 database papers published in 2013. Of which, only 290 database papers have URL links to the databases. Therefore, only 290 databases were cataloged. Our catalog is given in appendix.

1 Introduction

Over the years, there had been a large number of databases [1] being created due to a wild variety of scientific, historical and political reasons [2]. A simple title search revealed an increasing number of published databases from 2005 ($n = 718$) to 2012 ($n = 1438$), an average of about 10% increase per year. These databases can be useful in evaluation of new bioinformatics applications [1, 3, 4]. For example, one of the first co-citation based protein-protein interaction identifier, PubGene [5], was evaluated using Database of Interacting Proteins.

The increase in databases had led journals like *Nucleic Acid Research* maintains a special *Database Issue*. In 2010, a journal catered to the biological database, *Database* (ISSN 1758-0463), had been established. Although this had increased the outlet for database publications, it failed to address the difficulty in navigating the range of available databases as there is no current database inventory and links to databases are embedded in their respective publications – a consistent hurdle since more than a decade ago [6]. In addition, most published databases were not archived or updated periodically; thereby, leading to loss of resources over time.

We aim to catalogue published biological and biomedical databases on an annual basis. In this aspect, our work is similar to DBcat [2, 7] and BioWareDB [6]. How-

ever, both DBcat and BioWareDB are no longer accessible. Upon release of our catalogue, we intend to screen the databases in our catalogue periodically to track the loss of databases. In this study, we adapted the idea of Trove categories, which had been used in software classification like SourceForge (<http://www.sf.net>) and Python Package Index (<http://pypi.python.org>), for use in database classification. A total of 379 databases (Appendix B) were found by keyword search on PubMed with the term “database” in the title, following by manual screening for actual database publications. However, we wish to state that we do not assume this catalog to be a complete or comprehensive catalog as we are not able to ensure inclusion of all databases. Database usages and analysis were removed. Of the 379 databases, only 290 databases papers have URL links cataloged (Appendix C).

2 Trove-Like Categories

A set of Trove descriptors (<http://www.catb.org/~esr/trove/>) was conceived by Eric S. Raymond, a prominent open source software advocate, for the cataloging and classification of software packages. This concept had since been used in Sourceforge (<http://www.sf.net>) and Python Package Index (<http://pypi.python.org>) to catalogue more than 230 thousand open source projects since

1999 and more than 28 thousand Python packages since 2002 respectively.

Trove descriptors are hierarchical and can be organized as a tree, like Gene Ontology. In this aspect, Trove descriptors can be considered as an ontology. However, instead of describing the terminal node (such as “perineurial glial growth”, GO:0042066), the entire hierarchy is described. In the nomenclature of Trove descriptors, “perineurial glial growth” can be listed as “biological_process:: growth:: cell growth:: developmental cell growth:: glial cell growth:: perineurial glial growth”. Although this will provide a full description, it will be unwieldy. Hence, our proposed Trove-like descriptors will use stem and terminal descriptors when unambiguity is not compromised. For example, “biological_process:: growth:: cell growth:: developmental cell growth:: glial cell growth:: perineurial glial growth” will be listed as “biological_process:: perineurial glial growth”. However, the disadvantage of shortening classifiers is the potential issue faced when developing a system for information retrieval. A means to solve this problem will be by mapping the shortened classifier at the front-end of the retrieval system into full description at the back-end. This will enable a shortened classifier for visual display and a full classifier for information retrieval. Hence, the disadvantage of shortening classifiers will outweigh its advantage. A hierarchical map of descriptors is given in Appendix A.

A major feature of Trove descriptors is extensibility. New descriptors can be added as per needed. Each descriptor is complete and does not take on any modifier, allowing for simple category search across all descriptors. At the same time, as a hierarchical system, original descriptors can be divided into two or more classifiers while maintaining the original description. In the example of “perineurial glial growth”, it can be further divided into more classifications when needed without affecting entities that had been tagged to “perineurial glial growth”. This allows for search and navigation at different levels of descriptors.

In the course of defining the catalogue descriptors, we recognize that the complex nature of biology does not allow for clear hierarchy. For example, metabolomics data can be both classified as a specialization or subset of proteomic data or pathway data. This is due to the fact that pathway is not a subset of proteomics but can be a

subset of transcriptomics as well in the case of pathways directly activating gene transcription. However, we take the view that simplicity is more important than completeness in description. As such, we do not adapt the “part of” relationship from Gene Ontology, which results in multiple inheritances. Instead, we define a “relates to” relationship as a loose coupling of different parent terms which are used as query suggestions.

In the current implementation, we defined 6 blocks of tags - occurrence, taxonomy, data, system, access, status - with a grand total of 91 tags. Essentially, there must be at least one tag for each block. The questions to ask for each block are:

- Occurrence: is this database an initial release (occurrence::initial) or an update of previously published/released database (like version 2)? This will allow us to track the proportion of new databases, which can be used to gauge on the proportion of databases that are in active development and improvement.
- Taxonomy: the data belongs to which organism(s)?
- Data: what type of data it contains?
- System: which level of organism hierarchy (sub-cellular component to organs to whole organism to population)?
- Access: how can public users use the system?
- Status: is the database available?

2.1 Occurrence

1. occurrence:: initial → First occurrence of the database. New database.
2. occurrence:: update → Updated version of previous database.

2.2 Taxonomy

1. taxonomy:: single species → Collects data only pertaining to one species, such as drosophila. Also implies more than one strain of the species.
2. taxonomy:: single strain → Collects data only pertains to one strain of a species.
3. taxonomy:: multi-species → Collects data across more than one species
4. taxonomy:: virus → Collects data on viruses
5. taxonomy:: eubacteria → Collects data on eubacteria (prokaryotes)

6. taxonomy:: archaeobacteria → Collects data on archaeobacteria (prokaryotes)
7. taxonomy:: eukaryotes → Collects data on eukaryotes
8. taxonomy:: vertebrate → Collects data on vertebrate
9. taxonomy:: invertebrate → Collects data on invertebrate
10. taxonomy:: unicellular eukaryotes → Collects data on unicellular eukaryotes, such as yeast
11. taxonomy:: plants → Collects data on plants
12. taxonomy:: fungi → Collects data on fungi
13. taxonomy:: mammals → Collects data on mammals
14. taxonomy:: human → Collects data on human
15. taxonomy:: model organism → Collects data on model organisms. We used National Institute of Health list of model organisms for biomedical research (NIH; <http://www.nih.gov/science/models/>) and National Institute of General Medical Sciences (NIGMS; <http://www.nigms.nih.gov/Research/Models/>), consisting of the following model organism:
 - 15.1. Mouse (*Mus musculus*; NIH, NIGMS)
 - 15.2. Rat (*Rattus norvegicus*; NIH, NIGMS)
 - 15.3. Budding yeast (*Saccharomyces cerevisiae*; NIH, NIGMS)
 - 15.4. Fission yeast (*Schizosaccharomyces pombe*; NIH, NIGMS)
 - 15.5. African clawed frog (*Xenopus*; NIH, NIGMS)
 - 15.6. Filamentous fungus (*Neurospora crassa*; NIGMS)
 - 15.7. Round worm (*Caenorhabditis elegans*; NIH, NIGMS)
 - 15.8. Water flea (*Daphnia pulex*; NIH, NIGMS)
 - 15.9. Fruit fly (*Drosophila melanogaster*; NIH, NIGMS)
 - 15.10. Zebra fish (*Denio rerio*; NIH, NIGMS)
 - 15.11. *Arabidopsis thaliana* (NIH, NIGMS)
 - 15.12. Social amoeba (*Dictyostelium discoideum*; NIGMS)
 - 15.13. Chicken (*Gallus gallus*; NIH)
 - 15.14. *Chlamydomonas* (NIGMS)
 - 15.15. Ascidian (*Ciona spp.*, NIGMS)
 - 15.16. Dog (*Canis lupus familiaris*; NIGMS)
 - 15.17. *Escherichia coli* (NIGMS)
 - 15.18. Honey bee (*Apis mellifera*; NIGMS)
 - 15.19. Hydra (NIGMS)
 - 15.20. Malaria parasite (*Plasmodium falciparum*; NIGMS)
 - 15.21. Tetrahymena (NIGMS)

2.3 Data

1. data:: DNA → Collects data on DNA
2. data:: genes → Collects data on genes
3. data:: genome → Collects data on genome
4. data:: intron/exon → Collects data on introns and exons [relates to data:: sequence, data:: structure]
5. data:: coding/non-coding DNA → Collects data on coding and/or non-coding DNA [relates to data:: sequence, data:: structure]
6. data:: mutations and polymorphisms → Collects data on mutations and polymorphisms
7. data:: short tandem repeats → Collects data on short repeating sequences, including microsatellites.
8. data:: complements → Collects data on complementary strands of genes or its expression. This includes antisense expressions and RNA interference transcripts.
9. data:: transposons → Collects data on transposable gene elements.
10. data:: probes and primers → Collects data on probes and primers
11. data:: RNA → Collects data on RNA
12. data:: ribozymes → Collects data on ribozymes. This differs from data:: enzymatic sites which collects data on catalytic sites [relates to data:: enzymatic sites, data:: sequence, data:: structure]
13. data:: transcriptome → Collects data on transcriptome
14. data:: protein → Collects data on protein
15. data:: enzymes → Collects data on enzymes. This differs from data:: enzymatic sites which collects data on catalytic sites [relates to data:: enzymatic sites, data:: sequence, data:: structure]
16. data:: protein-protein interactions → Collects data on protein-protein interactions
17. data:: protein-nucleic acid interactions → Collects data on protein-nucleic acid interactions, such as DNA/RNA binding proteins like transcription factors.
18. data:: antibodies → Collects data on antibodies

19. data:: post-translational modifications → Collects data on post-translational modifications of peptides, such as glycosylation and lipidation.
20. data:: proteome → Collects data on proteome
21. data:: metabolome → Collects data on metabolome [relates to data:: pathways]
22. data:: lipids → Collects data on lipids
23. data:: carbohydrates → Collects data on carbohydrates and sugars
24. data:: chemicals and small molecules → Collects data on chemical compounds and small molecules
25. data:: drugs and drug targets → Collects data on drugs and drug targets [relates to data:: diseases]
26. data:: ligand activity and pairs → Collects data on binding of proteins by chemical compounds, and its associated activities [relates to data:: protein-protein interactions]
27. data:: structure → Collects data on structures
28. data:: sequence → Collects data on DNA, RNA, or protein sequences
29. data:: promoters and regulators → Collects data on promoters and regulators [relates to data:: structure]
30. data:: motif → Collects data on specific motifs [relates to data:: protein, data:: structure]
31. data:: enzymatic sites / complexes → Collects data on enzymatic sites, such as enzymes and ribozymes [relates to data:: structure]
32. data:: metal ion binding / interactions → Collects data on binding of proteins by metallic ions, and its associated activities [relates to data:: protein-protein interactions]
33. data:: localization → Collects data on targeting and localization
34. data:: classification → Database on classification of different entities
35. data:: properties and annotation → Collects data on properties and descriptors of items, such as molecules
36. data:: genetic similarity and/or conservation → Collects data on sequence homology and conserved regions [relates to data:: DNA, data:: RNA, data:: protein, data:: sequence]
37. data:: pathways → Collects data on metabolic pathways
38. data:: diseases → Collects data on diseases
39. data:: clinical → Collects clinical data
40. data:: literature → Collects data from literature
41. data:: statistics → Collects statistical data, such as accidents
42. data:: ancient → Collects ancient data, such as data of extinct animals
43. data:: comparative → Collects data of comparative work, such as orthologous genes
44. data:: high-throughput → Collects data from high-throughput technologies
45. data:: microarray → Collects microarray data
46. data:: NGS → Collects data from next-generation sequencing technologies, such as DNA-seq, RNA-seq, ChIP-seq
47. data:: mass spectrometry → Collects data from mass spectrometry
48. data:: crystallography → Collects data from crystallography
49. data:: images → Collects image data
50. data:: images:: microscopic → Collects images from microscopy
51. data:: model → Collects data models
52. data:: model:: 3D → Collects 3 dimensional models of single entities, such as protein 3D structures or DNA 3D structures (eg, hairpin loops)
53. data:: model:: interactions → Collects models of interactions, such as pathways (eg, SBML metabolic rate models) or enzymatic rates (eg, Michaelis-Menten equations)
54. data:: inferred → Data inferred from other primary data sources (secondary data sources), or used primary data sources to make predictions, calculations, or inferences

2.4 System

1. system:: organelles → Data concerning specific organelles
2. system:: nucleus → Data concerning nucleus
3. system:: cytoplasm → Data concerning cytoplasm
4. system:: mitochondria → Data concerning mitochondria
5. system:: chloroplast → Data concerning chloroplast
6. system:: ribosome → Data concerning ribosome
7. system:: extracellular → Data concerning extracellular, microscopic compartments, such as extracellular matrix
8. system:: whole cell → Data concerning entire cell

9. system:: tissues → Data concerning specific tissues
10. system:: organs → Data concerning specific organs
11. system:: organ systems → Data concerning specific organ systems, such as nervous system
12. system:: organism → Data concerning on the entire organism
13. system:: population → Data concerning populations

2.5 Access

1. access:: web forms/applications → Data access via web form or web applications
2. access:: programmatic → Data access via programmatic interface. For example, the database/application provides an interface for users to query it using a program/script.
3. access:: data download → Data files can be downloaded from the website
4. access:: submission → Allows user to submit data

2.6 Status

1. status:: alive → The database is accessible
2. status:: dead → The database is not accessible over a period of 3 months and/or URL is no longer active
3. status:: unknown → The database is not accessible over a period of less than 3 months

3 Summary of Cataloguing

A total of 379 database papers were listed. Of which, only 290 database papers presented URL links to the respective databases (see Appendix B for database papers list). A complete catalog of each database with URL links is given in Appendix C.

Of the 290 databases cataloged, 67 (23.10%) were updated versions of previously published databases and the remaining 223 (76.90%) were new databases.

Of the 290 databases cataloged, 47 (16.21%) of the databases did not contain conclusive information with regards to taxonomy. There are about 1.6 databases on multi-species for every single species database (Table 1). In addition, eukaryotes present the largest group of databases. Only 1 database, PRIDE database [8], contained data across every taxonomical category.

Of the 290 databases cataloged, 2 (<0.01%) of the databases did not contain conclusive information with regards to data type. Majority of the databases (n = 245, 84.48%) contained either information related to DNA,

RNA or proteins, with 26 databases (8.97%) containing information for all three. Our cataloguing showed that 77.59% of the databases contained literature citations as supportive information (Table 2).

Taxonomy Descriptors	Percentage
taxonomy:: single strain	0.00
taxonomy:: single species	32.07
taxonomy:: multi-species	51.03
taxonomy:: virus	2.41
taxonomy:: eubacteria	9.31
taxonomy:: archaeobacteria	2.76
taxonomy:: eukaryotes	52.41
taxonomy:: mammals	32.41
taxonomy:: model organism	12.07
taxonomy:: human	29.66
taxonomy:: invertebrate	6.21
taxonomy:: vertebrate	33.45
taxonomy:: unicellular eukaryotes	5.52
taxonomy:: plants	16.90
taxonomy:: fungi	3.45

Table 1: Distribution of Taxonomy Descriptors.

Data Descriptors	Percentage
data:: single molecule type	25.86
data:: DNA	57.59
data:: RNA	26.90
data:: protein	42.76
data:: lipids	1.38
data:: carbohydrates	1.38
data:: chemicals and small molecules	13.79
data:: genes	62.76
data:: genome	30.69
data:: transcriptome	17.93
data:: proteome	7.24
data:: metabolome	2.76
data:: structure	28.28
data:: sequence	69.31
data:: short tandem repeats	0.69
data:: intron/exon	2.07
data:: coding/non-coding DNA	1.38
data:: complements	0.34
data:: transposons	1.03
data:: promoters and regulators	4.83
data:: metal ion binding/ interactions	0.69
data:: enzymatic sites/ complexes	6.21
data:: localization	1.38
data:: motif	3.79

data:: classification	5.17
data:: genetic similarity and/or conservation	4.48
data:: properties and annotation	30.34
data:: enzymes	8.97
data:: ribozymes	0.34
data:: pathways	12.07
data:: protein-nucleic acid interactions	4.83
data:: protein-protein interactions	12.07
data:: post-translational modifications	2.76
data:: diseases	12.76
data:: mutations and polymorphisms	18.62
data:: probes and primers	3.79
data:: antibodies	1.03
data:: ligand activity and pairs	6.55
data:: drugs and drug targets	6.55
data:: clinical	7.93
data:: literature	77.59
data:: statistics	4.14
data:: ancient	0.34
data:: comparative	0.69
data:: high-throughput	7.93
data:: microarray	5.17
data:: NGS	0.00
data:: crystallography	0.69
data:: mass spectrometry	2.07
data:: images	3.10
data:: images:: microscopic	0.34
data:: model	1.03
data:: model:: 3D	5.17
data:: model:: interactions	2.07
data:: inferred	11.72

Table 2: Distribution of Data Descriptors.

Of the 290 databases cataloged, only 58 (20.00%) databases contained sufficient information for system cataloguing (Table 3).

Of the 290 databases cataloged, 19 (6.55%) databases did not present any means to query the data nor to download the data; thus, rendering the databases not usable. However, 2 of the 19 databases presented a means for users to submit new data to update the database. Most of the database cataloged either presented a means to query the database or to download the data for offline use (Table 4). Of which, 253 (87.24%) databases presented means of querying, as well as the ability to download the entire data set for offline use. Only 4 databases (1.38%) allowed for all four means of access and submission.

System Descriptors	Percentage
system:: organelles	1.72
system:: nucleus	1.38
system:: cytoplasm	0.00
system:: mitochondria	0.34
system:: chloroplast	0.34
system:: ribosome	0.69
system:: extracellular	0.00
system:: whole cell	4.14
system:: tissues	1.38
system:: organs	0.69
system:: organ systems	1.03
system:: organism	7.59
system:: population	3.79

Table 3: Distribution of System Descriptors.

Access Descriptors	Percentage
access:: web forms/applications	90.00
access:: programmatic	5.17
access:: data download	90.69
access:: submission	15.86

Table 4: Distribution of Access Descriptors.

272 (93.79%) databases were accessible at the time of cataloguing and deemed to be alive. However, 2 (0.69%) databases were not accessible for 3 months and deemed to be dead while the remaining 16 (5.52%) were of unknown status as they were intermittently accessible.

8 Discussion

Designing and collating information into a database is a large undertaking and the resulting database can be valuable in many cases [1, 4]. For example, databases had been used as standards to evaluate the accuracy of computational systems, such as PubGene [5]. Our study suggests that a significant number of databases are created rather than maintained as our results suggest that 3.33 databases are created for every updating of existing database. Although this may be an upper boundary as our study is based on publications and many routine database updates may not be published, it does not negate the likelihood of significant database creation. To enable better database usage, each database should be cataloged. Previous efforts, such as DBcat [2, 7] and Bio-

WareDB [6], had not been continued and a decade had lapsed since BioWareDB [6].

In this study, we borrowed the idea of software classification and modified for use in biological and biomedical database cataloguing. This study acts as a benchmark to monitor database releases and to track the direction of biological and biomedical database research.

We aim to catalogue published biological and biomedical databases on an annual basis. Future work will include presenting the entire catalogue as a web application and database in its own rights for ease of searching

across different classifiers, as well as allowing authors to catalog their own databases. It will also be a means to allow for routine monitoring of databases for accessibility. Hence, this study presents the groundwork towards this direction by presenting an initial set of classifiers and using it to catalog databases published in 2013. Due to limitation of time, we cannot assume completeness in the catalog as it is inevitable that some databases published in 2013 will be missed.

Appendix A: Hierarchical Map of Descriptors

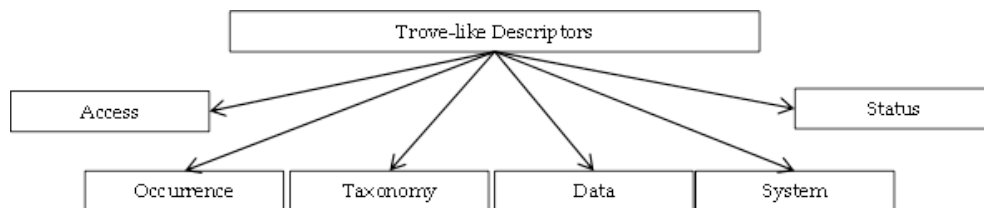


Figure A1: High-Level View of Descriptors.

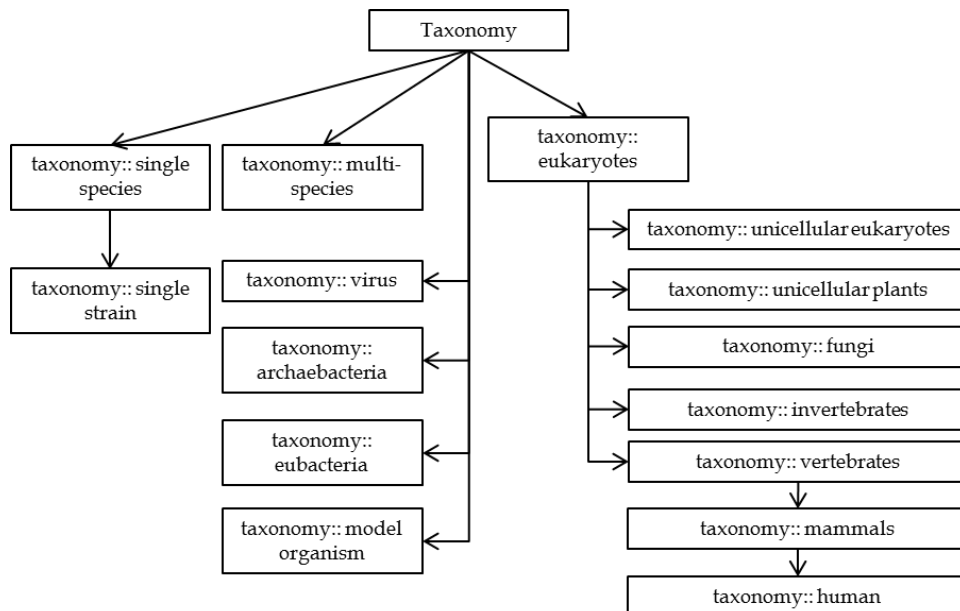


Figure A2: Descriptor Hierarchy for Taxonomy.

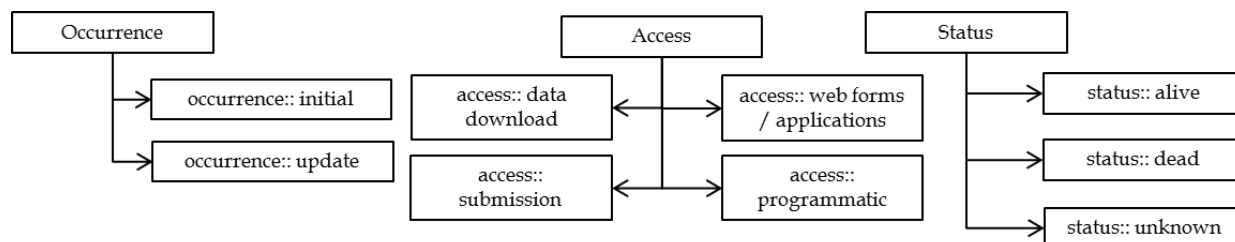


Figure A3: Descriptor Hierarchy for Occurrence, Access, and Status.

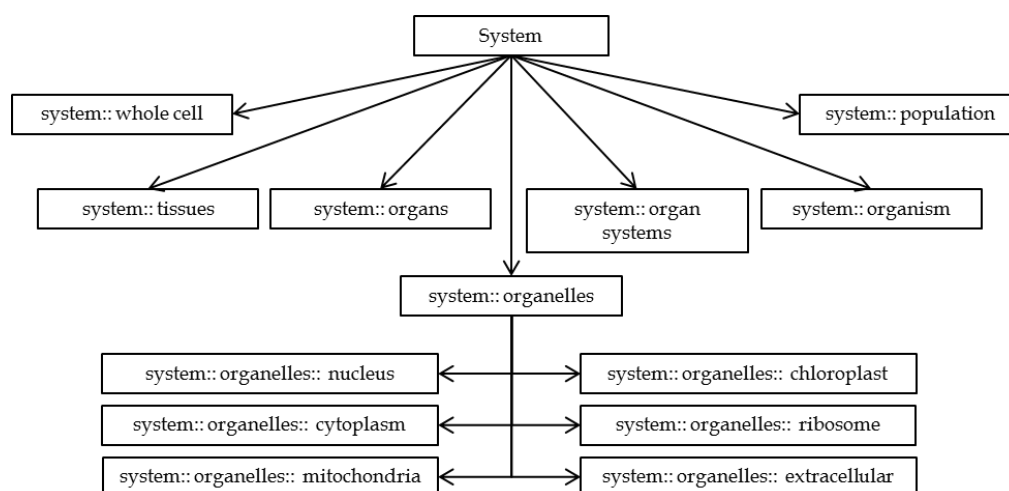


Figure A4: Descriptor Hierarchy for System.

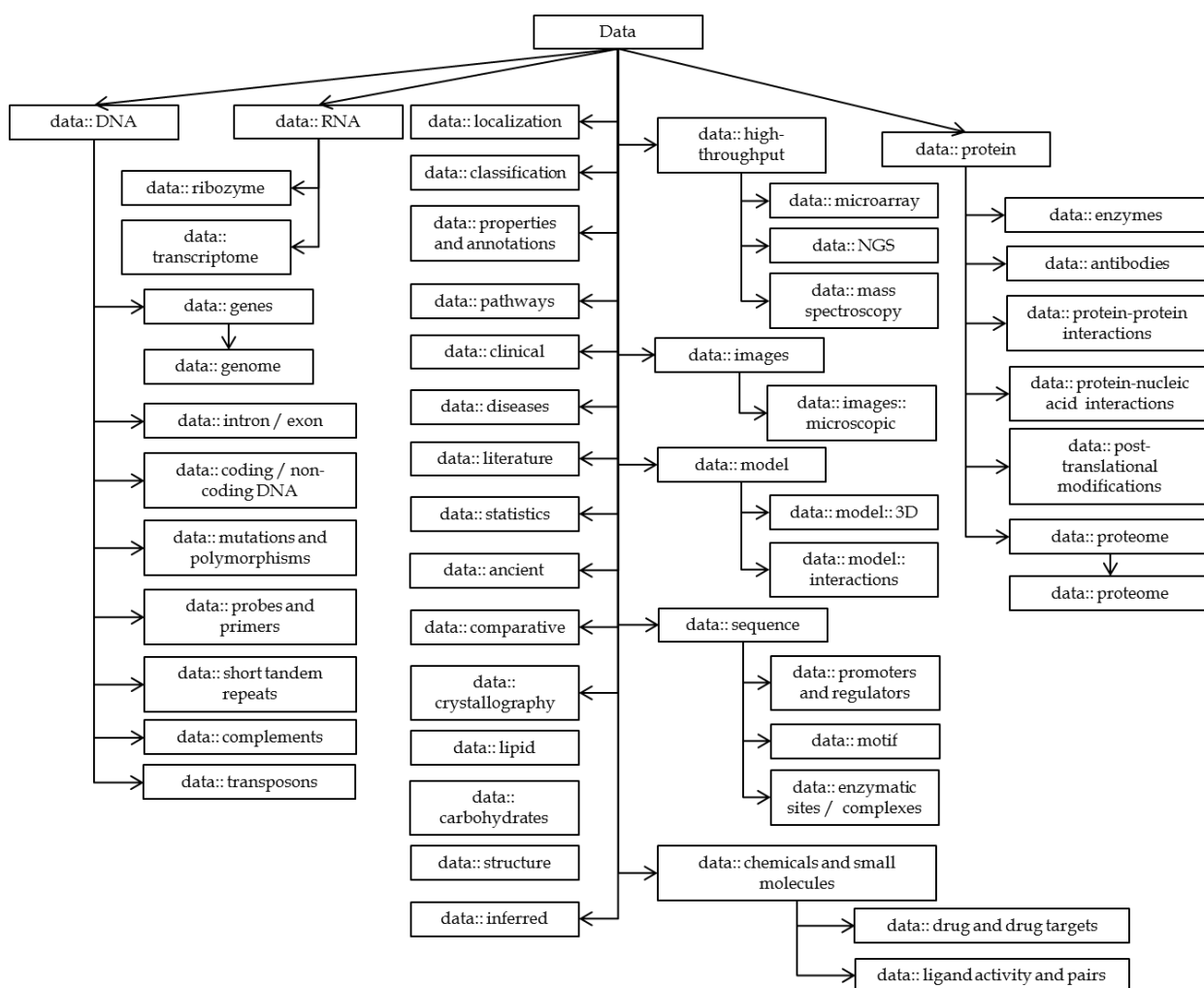


Figure A5: Descriptor Hierarchy for Data.

Appendix B: Listing of Database Papers

Serial Number	Manuscript Title	PubMed ID	URL Listed
1	Global Database on donation and transplantation: Goals, methods and critical issues (www.transplant-observatory.org)	23477800	Y
2	The ERA-EDTA database on recurrent glomerulonephritis following renal transplantation	23986077	Y
3	The plant phenological online database (PPODB): an online database for long-term phenological data	23512285	Y
4	POND4Kids: A Global Web-based Database for Pediatric Hematology and Oncology Outcome Evaluation and Collaboration	23388293	Y
5	The PhosphoGRID <i>Saccharomyces cerevisiae</i> protein phosphorylation site database: version 2.0 update	23674503	Y
6	MetlDB: A Publicly Accessible Database of Predicted and Experimental H NMR Spectra of Flavonoids	23930710	Y
7	IL-12Rbeta1 deficiency: mutation update and description of the IL12RB1 variation database	23864330	Y

8	FLT4/VEGFR3 and Milroy Disease: Novel Mutations, a Review of Published Variants and Database Update	23074044	Y
9	iRootHair: A Comprehensive Root Hair Genomics Database	23129204	Y
10	iPPI-DB: a manually curated and interactive database of small non-peptide inhibitors of protein-protein interactions	23688585	Y
11	The InSiGHT database: utilizing 100 years of insights into Lynch Syndrome	23443670	Y
12	HMDB 3.0--The Human Metabolome Database in 2013	23161693	Y
13	FlyPrimerBank: An Online Database for <i>Drosophila melanogaster</i> Gene Expression Analysis and Knockdown Evaluation of RNAi Reagents	23893746	Y
14	eChickAtlas: An introduction to the database	23355415	Y
15	A database of chromatographic properties and mass spectra of fatty acid methyl esters from omega-3 products	23773584	Y
16	Database of T cell-defined human tumor antigens: the 2013 update	23882160	Y
17	BLAD: A comprehensive database of widely circulated beta-lactamases	23943635	Y
18	dbWFA: a web-based database for functional annotation of <i>Triticum aestivum</i> transcripts	23660284	Y
19	Database resources for the tuberculosis community	23332401	Y
20	A curated public database for multilocus sequence typing (MLST) and analysis of <i>Haemophilus parasuis</i> based on an optimized typing scheme	23218953	Y
21	MScDB: A Mass Spectrometry-centric Protein Sequence Database for Proteomics	23627461	Y
22	DECIPHER: database for the interpretation of phenotype-linked plausibly pathogenic sequence and copy-number variation	24150940	Y
23	Zinc Finger Database (ZiFDB) v2.0: a comprehensive database of C2H2 zinc fingers and engineered zinc finger arrays	23203887	Y
24	BioLiP: a semi-manually curated database for biologically relevant ligand-protein interactions	23087378	Y
25	ZFIN, the Zebrafish Model Organism Database: increased support for mutants and transgenics	23074187	Y
26	Xenbase: expansion and updates of the <i>Xenopus</i> model organism database	23125366	Y
27	An accessible database for mouse and human whole transcriptome qPCR primers	23539303	Y
28	KLIFS: A knowledge-based structural database to navigate kinase-ligand interaction space	23941661	Y
29	A comprehensive SNP and indel imputability database	23292738	Y
30	SymbioGBR: a web-based database of Symbiodinium associated with cnidarian hosts on the Great Barrier Reef	23497177	Y
31	SwissSidechain: a molecular and structural database of non-natural sidechains	23104376	Y
32	SwissBioisostere: a database of molecular replacements for ligand design	23161688	Y
33	The Society of Thoracic Surgeons National Database	23335498	Y
34	Addition of a breeding database in the Genome Database for Rosaceae	24247530	Y
35	A Portable Database of Adverse Reactions and Drug Interactions with Radiopharmaceuticals	23857419	Y
36	An online database for plant image analysis software tools	24107223	Y
37	Standardization in generating and reporting genetically modified rodent malaria parasites: the RMgmDB database	22990775	Y
38	The 2013 Nucleic Acids Research Database Issue and the online Molecular Biology Database Collection	23203983	Y
39	HippDB: a database of readily targeted helical protein-protein interactions	23958730	Y
40	Deep sequencing for de novo construction of a marine fish (<i>Sparus aurata</i>) transcriptome database with a large coverage of protein-coding transcripts	23497320	Y
41	RiceSRTFDB: a database of rice transcription factors containing comprehensive expression, cis-regulatory element and mutant information to facilitate gene function analysis	23660286	Y
42	FmMDb: A Versatile Database of Foxtail Millet Markers for Millets and Bioenergy Grasses Research	23951158	Y
43	The National Neurosurgery Quality and Outcomes Database (N(2)QOD): general overview and pilot-year project description	23278267	Y

44	The National Neurosurgery Quality and Outcomes Database and NeuroPoint Alliance: rationale, development, and implementation	23278263	Y
45	TUMIR: an experimentally supported database of microRNA deregulation in various cancers	23594715	Y
46	The NIH genetic testing registry: a new, centralized database of genetic tests to enable access to comprehensive information and improve transparency	23193275	Y
47	Current status and new features of the Consensus Coding Sequence database	24217909	Y
48	The Microbial Database for Danish wastewater treatment plants with nutrient removal (MiDas-DK) - a tool for understanding activated sludge population dynamics and community stability	23752384	Y
49	TCMID: traditional Chinese medicine integrative database for herb molecular mechanism analysis	23203875	Y
50	CellMinerHCC: a microarray-based expression database for hepatocellular carcinoma cell lines	24016071	Y
51	Investigation of realistic PET simulations incorporating tumor patient's specificity using anthropomorphic models: Creation of an oncology database	24320465	Y
52	BloodChIP: a database of comparative genome-wide transcription factor binding profiles in human blood cells	24185696	Y
53	ESCAPE: database for integrating high-content published data collected from human and mouse embryonic stem cells	23794736	Y
54	LNCipedia: a database for annotated human lncRNA transcript sequences and structures	23042674	Y
55	Adverse Drug Events: Database Construction and In Silico Prediction	23521697	Y
56	Laminin-database v.2.0: an update on laminins in health and neuromuscular disorders	24106090	Y
57	Library of Apicomplexan Metabolic Pathways: a manually curated database for metabolic pathways of apicomplexan parasites	23193253	Y
58	DIACAN: Integrated Database for Antidiabetic and Anticancer Medicinal Plants	24307774	Y
59	IUPHAR-DB: updated database content and new features	23087376	Y
60	The Mouse Genome Database: Genotypes, Phenotypes, and Models of Human Disease	23175610	Y
61	InDiaMed: A Comprehensive Database of Indian Medicinal plants for Diabetes	23750084	Y
62	HypoxiaDB: a database of hypoxia-regulated proteins	24178989	Y
63	Review of studies mapping from quality of life or clinical measures to EQ-5D: an online database	24010873	Y
64	Glycan fragment database: a database of PDB-based glycan 3D structures	23104379	Y
65	GenomeRNAi: a database for cell-based and in vivo RNAi phenotypes, 2013 update	23193271	Y
66	Phyto diab care: Phytoremedial database for antidiabetics	23750083	Y
67	G4LDB: a database for discovering and studying G-quadruplex ligands	23161677	Y
68	Developments in FINDBase worldwide database for clinically relevant genomic variation allele frequencies	24234438	Y
69	EADB: An Estrogenic Activity Database for Assessing Potential Endocrine Activity	23897986	Y
70	DEG 10, an update of the database of essential genes that includes both protein-coding genes and noncoding genomic elements	24243843	Y
71	LSD 2.0: an update of the leaf senescence database	24185698	Y
72	EMAGE mouse embryo spatial gene expression database: 2014 update	24265223	Y
73	ECMDB: The E. coli Metabolome Database	23109553	Y
74	The Proteomics Identifications (PRIDE) database and associated tools: status in 2013	23203882	Y
75	IPD--the Immuno Polymorphism Database	23180793	Y
76	The IMGT/HLA database	23080122	Y
77	Expression Atlas update--a database of gene and transcript expression from microarray- and sequencing-based functional genomics experiments	24304889	Y
78	The ChEBI reference database and ontology for biologically relevant chemistry: enhancements for 2013	23180789	Y
79	ArrayExpress update--trends in database growth and links to data analysis tools	23193272	Y

80	LipidHome: a database of theoretical lipids optimized for high throughput mass spectrometry lipidomics	23667450	Y
81	Update on allele nomenclature for human cytochromes P450 and the Human Cytochrome P450 Allele (CYP-allele) Nomenclature Database	23475683	Y
82	Comprehensive database of Chorismate synthase enzyme from shikimate pathway in pathogenic bacteria	23697663	Y
83	CottonGen: a genomics, genetics and breeding database for cotton research	24203703	Y
84	CMAP: Complement Map Database	23661693	Y
85	CoDNAS: a database of Conformational Diversity in the Native State of proteins	23846747	Y
86	ClusterMine360: a database of microbial PKS/NRPS biosynthesis	23104377	Y
87	Expansion of the enzymatic repertoire of the CAZy database to integrate auxiliary redox enzymes	23514094	Y
88	CathaCyc, a Metabolic Pathway Database Built from Catharanthus roseus RNA-Seq Data	23493402	Y
89	SpliceAid-F: a database of human splicing factors and their RNA-binding sites	23118479	Y
90	CamMedNP: building the Cameroonian 3D structural natural products database for virtual screening	23590173	Y
91	SurfaceomeDB: a cancer-orientated database for genes encoding cell surface proteins	23390370	Y
92	RCpedia: a database of retrocopied genes	23457042	Y
93	The SAAP pipeline and database: tools to analyze the impact and predict the pathogenicity of mutations	23819919	Y
94	HGPGD: the human gene population genetic difference database	23717556	Y
95	DoBISCUIT: a database of secondary metabolite biosynthetic gene clusters	23185043	Y
96	A Database for Mycobacterium Secretome Analysis: 'Mycosec' to Accelerate Global Health Research	23952586	Y
97	The SILVA ribosomal RNA gene database project: improved data processing and web-based tools	23193283	Y
98	Animal QTLdb: an improved database tool for livestock animal QTL/association data dissemination in the post-genome era	23180796	Y
99	A database for curating the associations between killer cell immunoglobulin-like receptors and diseases in worldwide populations	23584834	Y
100	Three-dimensional structure database of natural metabolites (3DMET): A novel database of curated 3D-structures	23293959	Y
101	TIMBAL v2: update of a database holding small molecules modulating protein-protein interactions	23766369	Y
102	CREDO: a structural interactomics database for drug discovery	23868908	Y
103	PEpiD: a prostate epigenetic database in mammals	23696878	Y
104	PIECE: a database for plant gene structure comparison and evolution	23180792	Y
105	VAMMPIRE: A Matched Molecular Pairs Database for Structure-Based Drug Design and Optimization	23734609	Y
106	UUCD: a family-based database of ubiquitin and ubiquitin-like conjugation	23172288	Y
107	UniVIO: a multiple omics database with hormone and transcriptome data from rice	23314752	Y
108	DoriC 5.0: an updated database of oriC regions in both bacterial and archaeal genomes	23093601	Y
109	TreeTFDB: An Integrative Database of the Transcription Factors from Six Economically Important Tree Crops for Functional Predictions and Comparative and Functional Genomics	23284086	Y
110	GeneTack database: genes with frameshifts in prokaryotic genomes and eukaryotic mRNA sequences	23161689	Y
111	TIARA genome database: update 2013	23515433	Y
112	The BioGRID interaction database: 2013 update	23203989	Y
113	H2DB: a heritability database across multiple species by annotating trait-associated genomic loci	23193255	Y
114	Tetrahymena Functional Genomics Database (TetraFGD): an integrated resource for Tetra-	23482072	Y

	hymena functional genomics		
115	T4SP: A Novel Tool and Database for Type IV Secretion Systems in Bacterial Genomes	23895709	Y
116	DPRP: a database of phenotype-specific regulatory programs derived from transcription factor binding data	24302579	Y
117	SymGRASS: a database of sugarcane orthologous genes involved in arbuscular mycorrhiza and root nodule symbiosis	23368899	Y
118	Development of an integrated transcript sequence database and a gene expression atlas for gene discovery and analysis in switchgrass (<i>Panicum virgatum</i> L.)	23289674	Y
119	SwissRegulon, a database of genome-wide annotations of regulatory sites: recent updates	23180783	Y
120	dcGO: database of domain-centric ontologies on functions, phenotypes, diseases and more	23161684	Y
121	SugarBind database (SugarBindDB): a resource of pathogen lectins and corresponding glycan targets	23836470	Y
122	SUBA3: a database for integrating experimentation and prediction to define the SUBcellular location of proteins in Arabidopsis	23180787	Y
123	EVpedia: an integrated database of high-throughput data for systemic analyses of extracellular vesicles	24009897	Y
124	VariBench: A Benchmark Database for Variations	22903802	Y
125	StemCellDB: the human pluripotent stem cell database at the National Institutes of Health	23117585	Y
126	The Protist Ribosomal Reference database (PR2): a catalog of unicellular eukaryote Small Sub-Unit rRNA sequences with curated taxonomy	23193267	Y
127	The Arabidopsis stress responsive gene database	23573074	Y
128	Spliceosome Database: a tool for tracking components of the spliceosome	23118483	Y
129	WDDD: Worm Developmental Dynamics Database	23172286	Y
130	A reference methylome database and analysis pipeline to facilitate integrative and comparative epigenomics	24324667	Y
131	dbNSFP v2.0: A Database of Human Non-synonymous SNVs and Their Functional Predictions and Annotations	23843252	Y
132	SINEBase: a database and tool for SINE analysis	23203982	Y
133	NURBS: a database of experimental and predicted nuclear receptor binding sites of mouse	23196988	Y
134	HemaExplorer: a database of mRNA expression profiles in normal and malignant haematopoiesis	23143109	Y
135	Construction of a rice glycoside hydrolase phylogenomic database and identification of targets for biofuel research	23986771	Y
136	The Rice Genome Knowledgebase (RGKbase): an annotation database for rice comparative genomics and evolutionary biology	23193278	Y
137	Rat Genome Database: A unique resource for rat, human and mouse quantitative trait locus (QTL) Data	23881287	Y
138	PhenoMiner: quantitative phenotype curation at the rat genome database	23603846	Y
139	The Rat Genome Database 2013--data, tools and users	23434633	Y
140	Clinical genomic database	23696674	Y
141	RegTransBase--a database of regulatory sequences and interactions based on literature: a resource for investigating transcriptional regulation in prokaryotes	23547897	Y
142	Rice Annotation Project Database (RAP-DB): An integrative and interactive database for rice genomics	23299411	Y
143	Quorumpeps database: chemical space, microbial origin and functionality of quorum sensing peptides	23180797	Y
144	PTMcode: a database of known and predicted functional associations between post-translational modifications in proteins	23193284	Y
145	Voronia4RNA--a database of atomic packing densities of RNA structures and their complexes	23161674	Y
146	PRIMOS: An Integrated Database of Reassessed Protein-Protein Interactions Providing Web-	23772554	Y

	Based Access to In Silico Validation of Experimentally Derived Data		
147	PRGdb 2.0: towards a community-based database model for the analysis of R-genes in plants	23161682	Y
148	PMTED: a plant microRNA target expression database	23725466	Y
149	PlantRNA, a database for tRNAs of photosynthetic eukaryotes	23066098	Y
150	PLANEX: the plant co-expression database	23688397	Y
151	PhenDisco: phenotype discovery system for the database of genotypes and phenotypes	23989082	Y
152	PeroxiBase: a database for large-scale evolutionary analysis of peroxidases	23180785	Y
153	The comprehensive peptaibiotics database	23681723	Y
154	PepBind: A Comprehensive Database and Computational Tool for Analysis of Protein-peptide Interactions	23896518	Y
155	Protein co-migration database (PCoM -DB) for thylakoids and cells	23667806	Y
156	Orchidstra: an Integrated Orchid Functional Genomics Database	23324169	Y
157	Permanent genetic resources added to Molecular Ecology Resources Database 1 August 2012 - 30 September 2012	23176377	Y
158	NPIDB: nucleic acid--protein interaction database	23193292	Y
159	Non-B DB v2.0: a database of predicted non-B DNA-forming motifs and its associated tools	23125372	Y
160	YM500: a small RNA sequencing (smRNA-seq) database for microRNA research	23203880	Y
161	DriverDB: an exome sequencing database for cancer driver gene identification	24214964	Y
162	The TissueNet database of human tissue protein-protein interactions	23193266	Y
163	MonarchBase: the monarch butterfly genome database	23143105	Y
164	MODOMICS: a database of RNA modification pathways--2013 update	23118484	Y
165	MitoFish and MitoAnnotator: A Mitochondrial Genome Database of Fish with an Accurate and Automatic Annotation Pipeline	23955518	Y
166	miRCancer: a microRNA-cancer association database constructed by text mining on literature	23325619	Y
167	HSC-Explorer: A Curated Database for Hematopoietic Stem Cells	23936191	Y
168	HoPaCI-DB: host-Pseudomonas and Coxiella interaction database	24137008	Y
169	The Moroccan Genetic Disease Database (MGDD): a database for DNA variations related to inherited disorders and disease susceptibility	23860041	Y
170	MetalPDB: a database of metal sites in biological macromolecular structures	23155064	Y
171	In Silico Enzymatic Synthesis of a 400 000 Compound Biochemical Database for Nontargeted Metabolomics	23991755	Y
172	MBGD update 2013: the microbial genome database for exploring the diversity of microbial world	23118485	Y
173	MAPs: a database of modular antibody parts for predicting tertiary structures and designing affinity matured antibodies	23718826	Y
174	MabsBase: a Mycobacterium abscessus genome and annotation database	23658631	Y
175	hLGDB: a database of human lysosomal genes and their regulation	23584836	Y
176	Lynx: a database and knowledge extraction engine for integrative medicine	24270788	Y
177	LiverAtlas: a unique integrated knowledge database for systems-level research of liver and hepatic disease	23601370	Y
178	ERISdb: a Database of Plant Splice Sites and Splicing Signals	23299413	Y
179	KNAPsACK-3D: A three-dimensional structure database of plant metabolites	23292603	Y
180	dbPSHP: a database of recent positive selection across human populations	24194603	Y
181	The Flat Cat: 2. The emergency database and management of common metabolic abnormalities	23422363	Y
182	JASPAR 2014: an extensively expanded and updated open-access database of transcription factor binding profiles	24194598	Y
183	FORMIDABEL: The Belgian Ants Database	23794918	Y
184	iPfam: a database of protein family and domain interactions found in the Protein Data Bank	24297255	Y
185	The Online Protein Processing Resource (TOPPR): a database and analysis platform for protein processing events	23093603	Y

186	InvFEST, a database integrating information of polymorphic inversions in the human genome	24253300	Y
187	FSRD: fungal stress response database	23757396	Y
188	INTERFEROME v2.0: an updated database of annotated interferon-regulated genes	23203888	Y
189	CTCFBSDB 2.0: a database for CTCF-binding sites and genome organization	23193294	Y
190	INstruct: a database of high-quality 3D structurally resolved protein interactome networks	23599502	Y
191	An integrative clinical database and diagnostics platform for biomarker identification and analysis in ion mobility spectra of human exhaled air	23545212	Y
192	RNApathwaysDB--a database of RNA maturation and decay pathways	23155061	Y
193	DEBDOM: Database Exploring Banana Diversity of Manipur	23516335	Y
194	PASmiR: a literature-curated database for miRNA molecular regulation in plant response to abiotic stress	23448274	Y
195	HEXEvent: a database of Human EXon splicing Events	23118488	Y
196	CSGRqtl, a Comparative Quantitative Trait Locus Database for Saccharinae Grasses	23370713	Y
197	HBVdb: a knowledge database for Hepatitis B Virus	23125365	Y
198	LIPS database with LIPService: a microscopic image database of intracellular structures in Arabidopsis guard cells	23679342	Y
199	GMOMETHODS: the European Union database of reference methods for GMO analysis	23451388	Y
200	LongevityMap: a database of human genetic variants associated with longevity	23998809	Y
201	GenomewidePDB, a Proteomic Database Exploring the Comprehensive Protein Parts List and Transcriptome Landscape in Human Chromosomes	23252913	Y
202	General Olfactory Sensitivity Database (GOSdb): Candidate Genes and their Genomic Variations	22936402	Y
203	The UCSC Genome Browser database: extensions and updates 2013	23155063	Y
204	YeastIP: a database for identification and phylogeny of Saccharomycotina yeasts	23110448	Y
205	BmTedb: a collective database of transposable elements in the silkworm genome	23886610	Y
206	KIDFamMap: a database of kinase-inhibitor-disease family maps for kinase inhibitor selectivity and binding mechanisms	23193279	Y
207	The GAG database: A new resource to gather genomic annotation cross-references	23872200	Y
208	FunCoup 3.0: database of genome-wide functional coupling networks	24185702	Y
209	FlyAtlas: database of gene expression in the tissues of Drosophila melanogaster	23203866	Y
210	footprintDB: a database of transcription factors with annotated cis elements and binding interfaces	24234003	Y
211	The Finnish Disease Heritage Database (FinDis) Update-A Database for the Genes Mutated in the Finnish Disease Heritage Brought to the Next-Generation Sequencing Era	23904198	Y
212	Factorbook.org: a Wiki-based database for transcription factor-binding data generated by the ENCODE consortium	23203885	Y
213	HASP server: a database and structural visualization platform for comparative models of influenza A hemagglutinin proteins	23777206	Y
214	EuPathDB: The Eukaryotic Pathogen database	23175615	Y
215	EPITRANS: A database that integrates epigenome and transcriptome data	24213601	Y
216	EKPD: a hierarchical database of eukaryotic protein kinases and protein phosphatases	24214991	Y
217	EENdb: a database and knowledge base of ZFNs and TALENs for endonuclease engineering	23203870	Y
218	LUCApedia: a database for the study of ancient life	23193296	Y
219	Research Resource: The Endometrium Database Resource (EDR)	23340253	Y
220	Dfam: a database of repetitive DNA based on profile hidden Markov models	23203985	Y
221	Microbial Variome Database: Point Mutations, Adaptive or Not, in Bacterial Core Genomes	23493258	Y
222	ChIPBase: a database for decoding the transcriptional regulation of long non-coding RNA and microRNA genes from ChIP-Seq data	23161675	Y
223	KONAGAbase: a genomic and transcriptomic database for the diamondback moth, Plutella xylostella	23837716	Y

224	Database of Vascular Plants of Canada (VASCAN): a community contributed taxonomic checklist of all vascular plants of Canada, Saint Pierre and Miquelon, and Greenland	24198712	Y
225	BGDB: a database of bivalent genes	23894186	Y
226	D2P2: database of disordered protein predictions	23203878	Y
227	CyanoLyase: a database of phycobilin lyase sequences, motifs and functions	23175607	Y
228	TIPdb: A Database of Anticancer, Antiplatelet, and Antituberculosis Phytochemicals from Indigenous Plants in Taiwan	23766708	Y
229	The Comparative Toxicogenomics Database: update 2013	23093600	Y
230	The Zebrafish CreZoo: An Easy-to-Handle Database for Novel CreER-Driver Lines	23668932	Y
231	HIPdb: A Database of Experimentally Validated HIV Inhibiting Peptides	23359817	Y
232	AVPdb: a database of experimentally validated antiviral peptides targeting medically important viruses	24285301	Y
233	NPACT: Naturally Occurring Plant-based Anti-cancer Compound-Activity-Target database	23203877	Y
234	Hemolytik: a database of experimentally determined hemolytic and non-hemolytic peptides	24174543	Y
235	CancerDR: Cancer Drug Resistance Database	23486013	Y
236	CPLM: a database of protein lysine modifications	24214993	Y
237	COXPRESdb: a database of comparative gene coexpression networks of eleven species for mammals	23203868	Y
238	The ConsensusPathDB interaction database: 2013 update	23143270	Y
239	SomamIR: a database for somatic mutations impacting microRNA function in cancer	23180788	Y
240	CR Cistrome: a ChIP-Seq database for chromatin regulators and histone modification linkages in human and mouse	24253304	Y
241	LipidGO: Database for lipid-related GO terms and applications	24297518	Y
242	[COMMODE] A Large-Scale Database of Molecular Descriptors using compounds from PubChem	24225386	Y
243	CollectF: a database of experimentally validated transcription factor-binding sites in Bacteria	24234444	Y
244	LncRNADisease: a database for long-non-coding RNA-associated diseases	23175614	Y
245	CircaDB: a database of mammalian circadian gene expression profiles	23180795	Y
246	PLncDB: plant long non-coding RNA database	23476021	Y
247	ChiTaRS: a database of human, mouse and fruit fly chimeric transcripts and RNA-sequencing data	23143107	Y
248	PGDD: a database of gene and genome duplication in plants	23180799	Y
249	Cell Death Proteomics database: consolidating proteomics data on cell death	23537399	Y
250	CentrosomeDB: a new generation of the centrosomal proteins database for Human and Drosophila melanogaster	24270791	Y
251	CEG: a database of essential gene clusters	24209780	Y
252	A dynamic database of microarray-characterized cell lines with various cytogenetic and genomic backgrounds	23665875	Y
253	UCNEbase--a database of ultraconserved non-coding elements and genomic regulatory blocks	23193254	Y
254	The CARLSBAD database: a confederated database of chemical bioactivities	23794735	Y
255	STIFDB2: An updated version of plant Stress-responsive Transcription Factor DataBase with additional stress signals, stress-responsive transcription factor binding sites and stress-responsive genes in Arabidopsis and rice	23314754	Y
256	LenVarDB: database of length-variant protein domains	24194591	Y
257	PIPEMicroDB: microsatellite database and primer generation tool for pigeonpea genome	23396298	Y
258	T-HOD: a literature-based candidate gene database for hypertension, obesity and diabetes	23406793	Y
259	The DEER database: A bridge connecting drugs, environmental effects, and regulations	23500449	Y
260	BrassiBase: Introduction to a Novel Knowledge Database on Brassicaceae Evolution	24259684	Y
261	DoSA: Database of Structural Alignments	23846594	Y
262	bNAber: database of broadly neutralizing HIV antibodies	24214957	Y

263	ESTHER, the database of the alpha/beta-hydrolase fold superfamily of proteins: tools to explore diversity of functions	23193256	Y
264	LAMP: A Database Linking Antimicrobial Peptides	23825543	Y
265	eProS—a database and toolbox for investigating protein sequence-structure-function relationships through energy profiles	23161695	Y
266	EvoSNP-DB: A database of genetic diversity in East Asian populations	23977990	Y
267	FUNGALOXPHOS: an integrated database for oxidative phosphorylation in fungi	23628689	Y
268	SoyProDB: A database for the identification of soybean seed proteins	23423175	Y
269	BBGD454: A database for transcriptome analysis of blueberry using 454 sequences	24250117	Y
270	The Xeno-glycomics database (XDB): a relational database of qualitative and quantitative pig glycome repertoire	24013926	Y
271	pico-PLAZA, a genome database of microbial photosynthetic eukaryotes	23826978	Y
272	mpMoRFsDB: a database of molecular recognition features in membrane proteins	23894139	Y
273	LepChorionDB, a database of Lepidopteran chorion proteins and a set of tools useful for the identification of chorion proteins in Lepidopteran proteomes	23262288	Y
274	DBATE: database of alternative transcripts expression	23842462	Y
275	CpGislandEVO: A Database and Genome Browser for Comparative Evolutionary Genomics of CpG Islands	24205506	Y
276	HRAp: database of occurrence of HomoRepeats and patterns in proteomes	24150944	Y
277	SM2miR: a database of the experimentally validated small molecules' effects on microRNA expression	23220571	Y
278	TiPs: a database of therapeutic targets in pathogens and associated tools	23698860	Y
279	MicrobPad MD: Microbial pathogen diagnostic methods database	23178820	Y
280	PrePPI: a structure-informed database of protein-protein interactions	23193263	Y
281	BDgene: A Genetic Database for Bipolar Disorder and Its Overlap With Schizophrenia and Major Depressive Disorder	23764453	Y
282	Integrated database of information from structural genomics experiments	23633602	Y
283	BacMet: antibacterial biocide and metal resistance genes database	24304895	Y
284	The Biotinidase Gene Variants Registry: A Paradigm Public Database	23550138	Y
285	The comprehensive antibiotic resistance database	23650175	Y
286	Database of protein complexes with multivalent binding ability: Bival-bind	24264865	Y
287	AgeFactDB—the JenAge Ageing Factor Database—towards data integration in ageing research	24217911	Y
288	HIM-herbal ingredients in-vivo metabolism database	23721660	Y
289	2P2ldb: a structural database dedicated to orthosteric modulation of protein-protein interactions	23203891	Y
290	HMDD v2.0: a database for experimentally supported human microRNA and disease associations	24194601	Y
291	Forensic DNA profiling and database	23386793	N
292	The FoodCast research image database (FRIDa)	23459781	N
293	[A population-based database to study malignancies in HIV-infected patients in the Local Health Unit of Brescia (Northern Italy), period 1999-2009]	23851245	N
294	[QualiPRO: online database to facilitate study participation for investigators, study sites and coordinating centers]	23549035	N
295	A Database of Alkaline-Earth-Coordinated Peptide Cross Sections: Insight into General Aspects of Structure	23512423	N
296	A database of Caenorhabditis elegans behavioral phenotypes	23852451	N
297	A global public incentive database for human subjects research	23672146	N
298	A national database of incidence and treatment outcomes of status epilepticus in Thailand	24102237	N
299	A Phylum-level Bacterial Phylogenetic Marker Database	23519313	N
300	A sharable cloud-based pancreaticoduodenectomy collaborative database for physicians: Emphasis on security and clinical rule supporting	23706526	N

301	A web-based audiometry database system	24262921	N
302	ACA "Sunshine Act & controlled substance database	23617033	N
303	AgeLine: a database of social gerontology literature	23869638	N
304	An EST database of the Caribbean fruit fly, <i>Anastrepha suspensa</i> (Diptera: Tephritidae)	23296060	N
305	Arabidopsis database and stock resources	24057361	N
306	BAC Transgenic Mice and the GENSAT Database of Engineered Mouse Strains	23457350	N
307	Benchmarking framework for myocardial tracking and deformation algorithms: An open access database	23708255	N
308	Bibliometrics: Database differences not citation errors	24256797	N
309	BioFNet: biological functional network database for analysis and synthesis of biological systems	23894104	N
310	BioModels Database: a repository of mathematical models of biological processes	23715986	N
311	Characterization and specification of microsatellite markers in the HLA-DRB1 gene region: A revision to major histocompatibility complex database	23628393	N
312	Clostridium-DT(DB): A comprehensive database for potential drug targets of <i>Clostridium difficile</i>	23415847	N
313	Construction of the integrated multicentre discharge summary database	23920838	N
314	Continuous innovation: developing and using a clinical database with new technology for patient-centred care--the case of the Swedish quality register for arthritis	23360809	N
315	Creation and Evaluation of a Multi-layered Maternal and Child Health Database for Comparative Effectiveness Research	23778693	N
316	Creation and utilization of a digital database for nasal prosthesis models	23429325	N
317	CYP2C9 polymorphism analysis in Han Chinese populations: building the largest allele frequency database	23400009	N
318	Data Resource Profile: Adult cardiac surgery database of the Netherlands Association for Cardio-Thoracic Surgery	23396848	N
319	Database integration of 4923 publicly-available samples of breast cancer molecular and clinical data	24303324	N
320	Database of meteorological and radiation measurements made in Belarus during the first three months following the Chernobyl accident	23103580	N
321	Database of normal japanese gray matter volumes in the default mode network	23857823	N
322	Developing a heme iron database for meats according to meat type, cooking method and doneness level	23459329	N
323	Developing a national database for metastatic colorectal cancer management: Perspectives and challenges	23834128	N
324	Development of a food compositional database for the estimation of dietary intake of phyto-oestrogens in a group of postmenopausal women previously treated for breast cancer and validation with urinary excretion	23286459	N
325	Development of an amino acid composition database and estimation of amino acid intake in Japanese adults	23635361	N
326	Development of web based database on biochemical characteristics of rapeseed-mustard	23861571	N
327	DIOS - database of formalized chemotherapeutic regimens	23542990	N
328	EMEN2: An Object Oriented Database and Electronic Lab Notebook	23360752	N
329	Eukaryotic DNAJ/K Database: A Comprehensive Phylogenomic Analysis Platform for the DNAJ/K Family	23613683	N
330	European database for mechanical circulatory support gets into its stride	24057345	N
331	Existing data sources for clinical epidemiology: the Danish Quality Database of Mammography Screening	23526262	N
332	FACE-R-A 3D Database of 400 Living Individuals' Full Head CT- and Face Scans and Preliminary GMM Analysis for Craniofacial Reconstruction	24020394	N
333	FaceWarehouse: A 3D Facial Expression Database for Visual Computing	24166613	N

334	Fracture rate in patients with myasthenia gravis: the general practice research database	22531999	N
335	From ClinicalTrials.gov trial registry to an analysis-ready database of clinical trial results	23539114	N
336	Funding: Database to counter duplication	23486050	N
337	Genetic Databases in Pharmacogenomics: The Frequency of Inherited Disorders Database (FINDbase)	23824866	N
338	Genetic Networks of Complex Disorders: from a Novel Search Engine for PubMed Article Database	24303309	N
339	Hepatitis C database will provide information and tissue samples for researchers	23341565	N
340	High-Resolution MS, MS/MS, and UV Database of Fungal Secondary Metabolites as a Dereplication Protocol for Bioactive Natural Products	23947912	N
341	Implementing the brazilian database on orofacial clefts	23577250	N
342	Implementing the National Hip Fracture Database: An audit of care	23680283	N
343	Institutional charges and disparities in outpatient brain biopsies in four US States: The State Ambulatory Database (SASD)	23959834	N
344	Joanna briggs institute: an evidence-based practice database	24180651	N
345	KNAPSAcK Metabolite Activity Database for Retrieving the Relationships between Metabolites and Biological Activities	24285751	N
346	LipidBlast in silico tandem mass spectrometry database for lipid identification	23817071	N
347	MALDI-TOF MS analysis of human and animal Brachyspira species and benefits of database extension	23036724	N
348	MerCASBA: an updated and refined database of caspase substrates	23334582	N
349	NeuPAT: An intranet database supporting translational research in neuroblastic tumors	23290604	N
350	Neuroinformatics Database (NiDB) - A Modular, Portable Database for the Storage, Analysis, and Sharing of Neuroimaging Data	23912507	N
351	Niemann-pick disease type C clinical database: cognitive and coordination deficits are early disease indicators	23433426	N
352	Occupational exposure to silica in construction workers: a literature-based exposure database	23252413	N
353	Outcome-driven thresholds for home blood pressure measurement: international database of home blood pressure in relation to cardiovascular outcome	23129700	N
354	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 April 2013-31 May 2013	23937578	N
355	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 December 2012-31 January 2013	23521844	N
356	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 February 2013-31 March 2013	23693143	N
357	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 October 2012-30 November 2012	23356940	N
358	Phytophthora Database 2.0: Update and future direction	23961810	N
359	Privacy protection and public goods: building a genetic database for health research in Newfoundland and Labrador	22859644	N
360	Progress with a global branded food composition database	23601391	N
361	Proteogenomic Database Construction Driven from Large Scale RNA-seq Data	23802565	N
362	Roadmap for the development of the University of North Carolina at Chapel Hill Genitourinary OncoLogy Database-UNC GOLD	23434424	N
363	Setting up an intronic miRNA database	23007499	N
364	Share and enjoy: anatomical models database-generating and sharing cardiovascular model data using web services	23436208	N
365	The ChEMBL database as linked open data	23657106	N
366	The CHROMEVALOA Database: A Resource for the Evaluation of Okadaic Acid Contamination in the Marine Environment Based on the Chromatin-Associated Transcriptome of the Mussel Mytilus galloprovincialis	23481679	N

367	The Collaborative Drug Discovery (CDD) database	23568469	N
368	The development and application of a Mycoplasma gallisepticum sequence database	23889487	N
369	The dronedarone shared-care clinical model and database: a coordinated paradigm to optimize management of evolving clinical recommendations	23775593	N
370	The Establishment of K-CaP (the Multicenter Korean Prostate Cancer Database)	23614058	N
371	The European Association for Cardio-Thoracic Surgery (EACTS) database: an introduction	23786918	N
372	The generalized invariom database (GID)	23719696	N
373	The LUCAS topsoil database and derived information on the regional variability of cropland topsoil properties in the European Union	23371251	N
374	The National Database of Hospital-based Cancer Registries: A Nationwide Infrastructure to Support Evidence-based Cancer Care and Cancer Control Policy in Japan	23448800	N
375	Towards a database for genotype-phenotype association research: mining data from encyclopaedia	23777176	N
376	Veterinary Clinical Research Database for Homeopathy: Placebo-controlled trials	23497815	N
377	Welcome (bienvenida, bienvenue, willkommen, przywitanie, accoglienza, welkom) to the new EACTS cardiac surgery database	23786915	N
378	Western Database of Lipid Variants (WDLV): A Catalogue of Genetic Variants in Monogenic Dyslipidemias	23623477	N
379	XLink-DB: database and software tools for storing and visualizing protein interaction topology data	23413830	N

Appendix C: Catalog of Database with URL Link(s)

Serial Number: 1

PubMed ID: 23477800

URL(s): www.transplant-observatory.org

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: statistics | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 2

PubMed ID: 23986077

URL(s): www.recurrentgn.net

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: diseases | data:: clinical | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 3

PubMed ID: 23512285

URL(s): www.ppodb.de

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: plants | system:: population | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 4

PubMed ID: 23388293

URL(s): www.pond4kids.org

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: diseases |

data:: clinical | access:: web forms/applications | status:: alive

Serial Number: 5

PubMed ID: 23674503

URL(s): www.phosphogrid.org

Categories: occurrence:: update | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: fungi | data:: single molecule type | data:: protein | data:: genes | data:: sequence | data:: properties and annotation | data:: enzymes | data:: post-translational modifications | data:: literature | data:: high-throughput | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 6

PubMed ID: 23930710

URL(s): www.metidb.org

Categories: occurrence:: initial | data:: single molecule type | data:: chemicals and small molecules | data:: structure | data:: properties and annotation | data:: mass spectrometry | data:: model:: 3D | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 7

PubMed ID: 23864330

URL(s): www.LOVD.nl/IL12RB1

Categories: occurrence:: update | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: genes | data:: sequence | data:: mutations and polymorphisms | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 8

PubMed ID: 23074044

URL(s): www.lovd.nl/flt4

Categories: occurrence:: update | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: genes | data:: sequence | data:: mutations and polymorphisms | data:: clinical | data:: literature | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 9

PubMed ID: 23129204

URL(s): www.iroothair.org

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: plants | data:: DNA | data:: protein | data:: genes | data:: genome | data:: sequence | data:: properties and annotation | data:: pathways | data:: mutations and polymorphisms | data:: literature | system:: tissues | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 10

PubMed ID: 23688585

URL(s): www.ipdib.cdithem.fr

Categories: occurrence:: initial | data:: chemicals and small molecules | data:: structure | data:: classification | data:: protein-protein interactions | data:: literature | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 11

PubMed ID: 23443670

URL(s): www.insight-group.org/mutations

Categories: occurrence:: update | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: genes | data:: sequence | data:: mutations and polymorphisms | data:: literature | status:: unknown

Serial Number: 12

PubMed ID: 23161693

URL(s): www.hmdb.ca

Categories: occurrence:: update | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: protein | data:: chemicals and small molecules | data:: genes | data:: metabolome | data:: structure | data:: sequence | data:: properties and annotation | data:: enzymes | data:: pathways | data:: clinical | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 13

PubMed ID: 23893746

URL(s): www.flyrnai.org/flyprimerbank

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: model organism | taxonomy:: invertebrate | data:: DNA | data:: RNA | da-

ta:: genes | data:: genome | data:: sequence | data:: probes and primers | data:: high-throughput | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 14

PubMed ID: 23355415

URL(s): www.echickatlas.org/ecap/home.html

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: model organism | taxonomy:: vertebrate | data:: RNA | data:: transcriptome | system:: organism | access:: web forms/applications | access:: submission | status:: alive

Serial Number: 15

PubMed ID: 23773584

URL(s): www.chrombox.org/data

Categories: occurrence:: initial | data:: lipids | data:: structure | data:: mass spectrometry | access:: data download | status:: alive

Serial Number: 16

PubMed ID: 23882160

URL(s): www.cancerimmunity.org/peptide

Categories: occurrence:: update | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: single molecule type | data:: protein | data:: structure | data:: sequence | data:: post-translational modifications | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 17

PubMed ID: 23943635

URL(s): www.blad.co.in

Categories: occurrence:: initial | data:: DNA | data:: protein | data:: genes | data:: genome | data:: structure | data:: sequence | data:: enzymes | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 18

PubMed ID: 23660284

URL(s): urgi.versailles.inra.fr/dbWFA/

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: plants | data:: DNA | data:: RNA | data:: genes | data:: genome | data:: sequence | data:: properties and annotation | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 19

PubMed ID: 23332401

URL(s): tuberculist.epfl.ch | www.patricbrc.org

Categories: occurrence:: update | taxonomy:: multi-species | taxonomy:: eubacteria | data:: DNA | data:: RNA | data:: protein | data:: genes | data:: genome | data:: transcriptome | data:: proteome | data:: structure | data:: sequence | data:: properties and annotation | data:: pathways | data:: diseases | data:: clinical | data:: literature | data::

high-throughput | data:: microarray | system:: whole cell
| system:: organism | access:: web forms/applications |
access:: data download | status:: alive

Serial Number: 20

PubMed ID: 23218953

URL(s): pubmlst.org

Categories: occurrence:: update | taxonomy:: single species |
taxonomy:: eubacteria | data:: DNA | data:: genes | data::
genome | data:: sequence | data:: probes and primers |
system:: organism | access:: web forms/applications | ac-
cess:: programmatic | access:: data download | access::
submission | status:: alive

Serial Number: 21

PubMed ID: 23627461

URL(s): <https://sourceforge.net/projects/mscldb/> |
<https://www.wzw.tum.de/proteomics/>

Categories: occurrence:: initial | taxonomy:: multi-species | da-
ta:: single molecule type | data:: protein | data:: genes |
data:: sequence | data:: literature | data:: mass spectrome-
try | access:: programmatic | access:: data download |
status:: alive

Serial Number: 22

PubMed ID: 24150940

URL(s): <https://decipher.sanger.ac.uk/>

Categories: occurrence:: update | taxonomy:: single species |
taxonomy:: eukaryotes | taxonomy:: mammals | taxono-
my:: human | taxonomy:: invertebrate | data:: single mol-
ecule type | data:: DNA | data:: genes | data:: genome |
data:: sequence | data:: properties and annotation | data::
diseases | data:: mutations and polymorphisms | data::
clinical | access:: web forms/applications | access:: data
download | access:: submission | status:: alive

Serial Number: 23

PubMed ID: 23203887

URL(s): <http://zifdb.msi.umn.edu>

Categories: occurrence:: update | taxonomy:: multi-species |
data:: single molecule type | data:: protein | data:: struc-
ture | data:: sequence | data:: motif | data:: protein-
protein interactions | data:: literature | access:: web
forms/applications | access:: submission | status:: alive

Serial Number: 24

PubMed ID: 23087378

URL(s): <http://zhanglab.ccmb.med.umich.edu/BioLiP/>

Categories: occurrence:: initial | taxonomy:: multi-species | da-
ta:: protein | data:: chemicals and small molecules | data::
genes | data:: structure | data:: sequence | data:: metal ion
binding/ interactions | data:: enzymatic sites/ complexes
| data:: enzymes | data:: protein-nucleic acid interactions
| data:: protein-protein interactions | data:: ligand activity
and pairs | data:: literature | access:: web
forms/applications | access:: data download | status::
alive

Serial Number: 25

PubMed ID: 23074187

URL(s): <http://zfin.org>

Categories: occurrence:: initial | taxonomy:: single species |
taxonomy:: eukaryotes | taxonomy:: model organism |
taxonomy:: vertebrate | data:: DNA | data:: RNA | data::
protein | data:: genes | data:: genome | data:: transcrip-
tome | data:: proteome | data:: sequence | system:: organ-
ism | access:: web forms/applications | access:: data
download | access:: submission | status:: alive

Serial Number: 26

PubMed ID: 23125366

URL(s): <http://www.xenbase.org>

Categories: occurrence:: update | taxonomy:: multi-species |
taxonomy:: eukaryotes | taxonomy:: model organism |
taxonomy:: vertebrate | data:: DNA | data:: protein | da-
ta:: genes | data:: genome | data:: proteome | data:: se-
quence | data:: probes and primers | data:: antibodies |
system:: organism | access:: web forms/applications | ac-
cess:: data download | access:: submission | status:: alive

Serial Number: 27

PubMed ID: 23539303

URL(s):

[http://www.weizmann.ac.il/complex/compphys/softwa-
re/Amit/primers/batch_query_qpcr_primers.htm](http://www.weizmann.ac.il/complex/compphys/software/Amit/primers/batch_query_qpcr_primers.htm)

Categories: occurrence:: initial | taxonomy:: multi-species |
taxonomy:: eukaryotes | taxonomy:: mammals | taxono-
my:: model organism | taxonomy:: human | taxonomy::
vertebrate | data:: DNA | data:: transcriptome | data:: se-
quence | data:: probes and primers | data:: literature | ac-
cess:: web forms/applications | status:: alive

Serial Number: 28

PubMed ID: 23941661

URL(s): <http://www.vu-compmedchem.nl/klifs>

Categories: occurrence:: initial | data:: protein | data:: chemi-
cals and small molecules | data:: structure | data:: se-
quence | data:: enzymes | data:: ligand activity and pairs
| data:: literature | access:: data download | status:: alive

Serial Number: 29

PubMed ID: 23292738

URL(s): <http://www.unc.edu/?yunmli/imputability.html>

Categories: occurrence:: initial | taxonomy:: multi-species | da-
ta:: DNA | data:: genome | data:: genetic similarity
and/or conservation | data:: literature | status:: dead

Serial Number: 30

PubMed ID: 23497177

URL(s): <http://www.SymbioGBR.org>

Categories: occurrence:: initial | taxonomy:: multi-species |
taxonomy:: eukaryotes | taxonomy:: unicellular eukary-
otes | data:: DNA | data:: genes | data:: sequence | data::
classification | data:: literature | access:: web
forms/applications | access:: data download | status::
alive

Serial Number: 31

PubMed ID: 23104376

URL(s): <http://www.swissidechain.ch>

Categories: occurrence:: initial | data:: protein | data:: chemicals and small molecules | data:: model:: 3D | data:: inferred | access:: web forms/applications | access:: programmatic | access:: data download | status:: alive

Serial Number: 32

PubMed ID: 23161688

URL(s): <http://www.swissbioisostere.ch>

Categories: occurrence:: initial | data:: chemicals and small molecules | data:: ligand activity and pairs | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 33

PubMed ID: 23335498

URL(s): <http://www.sts.org/quality-research-patient-safety/research/publications-and-research/access-data-sts-national-database>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: diseases | data:: clinical | data:: statistics | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 34

PubMed ID: 24247530

URL(s): http://www.rosaceae.org/breeders_toolbox

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: plants | data:: DNA | data:: genes | data:: genome | data:: sequence | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 35

PubMed ID: 23857419

URL(s): <http://www.radiopharmacy.net/datinrad.html>

Categories: occurrence:: initial | data:: chemicals and small molecules | data:: literature | access:: data download | status:: alive

Serial Number: 36

PubMed ID: 24107223

URL(s): <http://www.plant-image-analysis.org>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: plants | data:: images | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 37

PubMed ID: 22990775

URL(s): <http://www.pberghei.eu/>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: unicellular eukaryotes | data:: DNA | data:: RNA | data:: genes | data:: genome | data:: transcriptome | data:: mutations and polymorphisms | data:: literature | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 38

PubMed ID: 23203983

URL(s): <http://www.oxfordjournals.org/nar/database/a/>

Categories: occurrence:: update | taxonomy:: multi-species | data:: DNA | data:: RNA | data:: protein | data:: genes | data:: genome | data:: structure | data:: sequence | access:: web forms/applications | status:: alive

Serial Number: 39

PubMed ID: 23958730

URL(s): <http://www.nyu.edu/projects/arora/hippdb>

Categories: occurrence:: initial | data:: single molecule type | data:: protein | data:: structure | data:: sequence | data:: protein-protein interactions | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 40

PubMed ID: 23497320

URL(s): <http://www.nutrigroup-iats.org/seabreamdb>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: vertebrate | data:: DNA | data:: RNA | data:: genes | data:: genome | data:: transcriptome | data:: sequence | data:: properties and annotation | data:: literature | data:: high-throughput | data:: microarray | system:: organism | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 41

PubMed ID: 23660286

URL(s): <http://www.nipgr.res.in/RiceSRTFDB.html>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: plants | data:: protein | data:: sequence | data:: promoters and regulators | data:: literature | status:: unknown

Serial Number: 42

PubMed ID: 23951158

URL(s): <http://www.nipgr.res.in/foxtail.html>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: plants | data:: single molecule type | data:: DNA | data:: genome | data:: sequence | data:: probes and primers | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 43

PubMed ID: 23278267

URL(s):

<http://www.neuropoint.org/NPA%20N2QOD%20Current%20Modules.html>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: diseases | data:: clinical | data:: literature | data:: statistics | system:: organ systems | access:: submission | status:: unknown

Serial Number: 44

PubMed ID: 23278263

URL(s): <http://www.neuropoint.org/NPA%20N2QOD.html>
 Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: diseases | data:: clinical | data:: literature | data:: statistics | system:: organ systems | access:: submission | status:: unknown

Serial Number: 45
 PubMed ID: 23594715
 URL(s): <http://www.ncrnalab.com/TUMIR/>
 Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: RNA | data:: sequence | data:: diseases | data:: clinical | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 46
 PubMed ID: 23193275
 URL(s): <http://www.ncbi.nlm.nih.gov/gtr/>
 Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: protein | data:: genes | data:: genome | data:: sequence | data:: intron/exon | data:: diseases | data:: clinical | data:: literature | system:: organism | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 47
 PubMed ID: 24217909
 URL(s): <http://www.ncbi.nlm.nih.gov/CCDS/>
 Categories: occurrence:: update | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: model organism | taxonomy:: human | taxonomy:: vertebrate | data:: single molecule type | data:: DNA | data:: genes | data:: genome | data:: coding/non-coding DNA | data:: properties and annotation | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 48
 PubMed ID: 23752384
 URL(s): <http://www.midas-dk.dk/>
 Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eubacteria | status:: unknown

Serial Number: 49
 PubMed ID: 23203875
 URL(s): <http://www.megabionet.org/tcmid/>
 Categories: occurrence:: initial | data:: diseases | data:: drugs and drug targets | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 50
 PubMed ID: 24016071
 URL(s): <http://www.medicalgenomics.org/cellminerhcc>
 Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxono-

my:: human | taxonomy:: vertebrate | data:: DNA | data:: RNA | data:: genes | data:: genome | data:: transcriptome | data:: sequence | data:: microarray | system:: whole cell | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 51
 PubMed ID: 24320465
 URL(s): <http://www.med.upatras.gr/oncibase/>
 Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: clinical | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 52
 PubMed ID: 24185696
 URL(s): <http://www.med.unsw.edu.au/CRCWeb.nsf/page/BloodChIP>
 Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: genes | data:: genome | data:: transcriptome | data:: protein-nucleic acid interactions | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 53
 PubMed ID: 23794736
 URL(s): <http://www.maayanlab.net/ESCAPE>
 Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: model organism | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: RNA | data:: protein | data:: genes | data:: genome | data:: transcriptome | data:: proteome | data:: sequence | data:: literature | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 54
 PubMed ID: 23042674
 URL(s): <http://www.lncipedia.org>
 Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: single molecule type | data:: RNA | data:: transcriptome | data:: sequence | data:: properties and annotation | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 55
 PubMed ID: 23521697
 URL(s): http://www.lmmd.org/online_services/metaadddb/
 Categories: occurrence:: initial | data:: chemicals and small molecules | data:: properties and annotation | data:: drugs and drug targets | data:: clinical | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 56

PubMed ID: 24106090

URL(s): <http://www.lm.lncc.br/>

Categories: occurrence:: update | data:: single molecule type | data:: protein | data:: genes | data:: sequence | data:: classification | data:: properties and annotation | data:: pathways | data:: diseases | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 57

PubMed ID: 23193253

URL(s): <http://www.llamp.net>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: unicellular eukaryotes | data:: DNA | data:: protein | data:: genes | data:: metabolome | data:: pathways | data:: literature | system:: whole cell | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 58

PubMed ID: 24307774

URL(s): <http://www.kaubic.in/diacan>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: plants | data:: chemicals and small molecules | data:: drugs and drug targets | data:: literature | data:: statistics | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 59

PubMed ID: 23087376

URL(s): <http://www.iuphar-db.org>

Categories: occurrence:: update | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: model organism | taxonomy:: human | taxonomy:: vertebrate | data:: protein | data:: chemicals and small molecules | data:: genes | data:: sequence | data:: protein-protein interactions | data:: post-translational modifications | data:: ligand activity and pairs | data:: drugs and drug targets | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 60

PubMed ID: 23175610

URL(s): <http://www.informatics.jax.org>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: model organism | taxonomy:: vertebrate | data:: DNA | data:: RNA | data:: protein | data:: genes | data:: genome | data:: transcriptome | data:: proteome | data:: sequence | data:: pathways | data:: diseases | data:: mutations and polymorphisms | data:: images | system:: organism | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 61

PubMed ID: 23750084

URL(s): <http://www.indiamed.info>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: plants | data:: chemicals and small molecules | data:: structure | data:: pathways | data:: diseases | data:: ligand activity and pairs | data:: drugs and drug targets | data:: literature | data:: model:: 3D | status:: unknown

Serial Number: 62

PubMed ID: 24178989

URL(s): <http://www.hypoxiadb.com>

Categories: occurrence:: initial | data:: DNA | data:: RNA | data:: protein | data:: genes | data:: transcriptome | data:: sequence | data:: genetic similarity and/or conservation | data:: properties and annotation | data:: pathways | data:: protein-protein interactions | data:: literature | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 63

PubMed ID: 24010873

URL(s):

<http://www.herc.ox.ac.uk/downloads/mappingdatabase>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: clinical | data:: statistics | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 64

PubMed ID: 23104379

URL(s): <http://www.glycanstructure.org>

Categories: occurrence:: initial | data:: protein | data:: carbohydrates | data:: post-translational modifications | data:: literature | data:: model:: 3D | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 65

PubMed ID: 23193271

URL(s): <http://www.genomernai.org>

Categories: occurrence:: update | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: model organism | taxonomy:: human | taxonomy:: invertebrate | taxonomy:: vertebrate | data:: RNA | data:: genes | data:: transcriptome | data:: sequence | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 66

PubMed ID: 23750083

URL(s): <http://www.gbpuat-cbsh.ac.in/departments/bi/database/phytodiabcare/HOME%20PAGE/Home%20page.html>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: plants | data:: chemicals and small molecules | data:: structure | data:: pathways | data:: diseases | data:: ligand activity and pairs | data:: drugs and drug targets | data:: literature | data:: model:: 3D | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 67
 PubMed ID: 23161677
 URL(s): <http://www.g4ldb.org>
 Categories: occurrence:: initial | data:: ligand activity and pairs | data:: literature | data:: model:: 3D | data:: model:: interactions | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 68
 PubMed ID: 24234438
 URL(s): <http://www.findbase.org>
 Categories: occurrence:: update | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: single molecule type | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: mutations and polymorphisms | data:: literature | data:: statistics | system:: population | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 69
 PubMed ID: 23897986
 URL(s): <http://www.fda.gov/ScienceResearch/BioinformaticsTools/EstrogenicActivityDatabaseEADB/default.htm>
 Categories: occurrence:: initial | taxonomy:: multi-species | data:: chemicals and small molecules | data:: drugs and drug targets | data:: literature | access:: data download | status:: alive

Serial Number: 70
 PubMed ID: 24243843
 URL(s): <http://www.essentialgene.org>
 Categories: occurrence:: update | taxonomy:: multi-species | taxonomy:: eubacteria | taxonomy:: archaeobacteria | taxonomy:: eukaryotes | data:: DNA | data:: RNA | data:: genes | data:: genome | data:: sequence | data:: coding/non-coding DNA | data:: properties and annotation | data:: literature | data:: high-throughput | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 71
 PubMed ID: 24185698
 URL(s): <http://www.eplantsenescence.org/>
 Categories: occurrence:: update | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: plants | data:: single molecule type | data:: DNA | data:: genes | data:: sequence | data:: properties and annotation | data:: mutations and polymorphisms | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 72
 PubMed ID: 24265223
 URL(s): <http://www.emouseatlas.org/emage/>
 Categories: occurrence:: update | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxono-

my:: model organism | taxonomy:: vertebrate | data:: DNA | data:: RNA | data:: genes | data:: genome | data:: transcriptome | data:: sequence | data:: properties and annotation | data:: pathways | data:: images | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 73
 PubMed ID: 23109553
 URL(s): <http://www.ecmdb.ca>
 Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eubacteria | data:: DNA | data:: protein | data:: chemicals and small molecules | data:: genes | data:: metabolome | data:: structure | data:: sequence | data:: enzymatic sites/ complexes | data:: enzymes | data:: pathways | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 74
 PubMed ID: 23203882
 URL(s): <http://www.ebi.ac.uk/pride>
 Categories: occurrence:: update | taxonomy:: multi-species | taxonomy:: virus | taxonomy:: eubacteria | taxonomy:: archaeobacteria | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: model organism | taxonomy:: human | taxonomy:: invertebrate | taxonomy:: vertebrate | taxonomy:: unicellular eukaryotes | taxonomy:: plants | taxonomy:: fungi | data:: single molecule type | data:: protein | data:: proteome | data:: sequence | system:: whole cell | system:: organism | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 75
 PubMed ID: 23180793
 URL(s): <http://www.ebi.ac.uk/ipd/>
 Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: protein | data:: genes | data:: sequence | data:: properties and annotation | data:: mutations and polymorphisms | data:: literature | system:: organ systems | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 76
 PubMed ID: 23080122
 URL(s): <http://www.ebi.ac.uk/imgt/hla/>
 Categories: occurrence:: update | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: single molecule type | data:: DNA | data:: genes | data:: sequence | data:: intron/exon | data:: mutations and polymorphisms | data:: clinical | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 77
 PubMed ID: 24304889
 URL(s): <http://www.ebi.ac.uk/gxa>

Categories: occurrence:: update | taxonomy:: multi-species | data:: DNA | data:: RNA | data:: genes | data:: genome | data:: transcriptome | data:: properties and annotation | data:: literature | data:: high-throughput | data:: microarray | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 78

PubMed ID: 23180789

URL(s): <http://www.ebi.ac.uk/chebi>

Categories: occurrence:: update | data:: drugs and drug targets | data:: literature | access:: web forms/applications | access:: programmatic | access:: data download | access:: submission | status:: alive

Serial Number: 79

PubMed ID: 23193272

URL(s): <http://www.ebi.ac.uk/arrayexpress>

Categories: occurrence:: update | taxonomy:: multi-species | data:: DNA | data:: RNA | data:: genes | data:: genome | data:: sequence | data:: literature | data:: high-throughput | data:: microarray | access:: web forms/applications | access:: programmatic | access:: data download | access:: submission | status:: alive

Serial Number: 80

PubMed ID: 23667450

URL(s): <http://www.ebi.ac.uk/apweiler-srv/lipidhome>

Categories: occurrence:: initial | data:: single molecule type | data:: lipids | data:: structure | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 81

PubMed ID: 23475683

URL(s): <http://www.cypalleles.ki.se>

Categories: occurrence:: update | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: protein | data:: genes | data:: structure | data:: sequence | data:: classification | data:: properties and annotation | data:: enzymes | data:: mutations and polymorphisms | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 82

PubMed ID: 23697663

URL(s): <http://www.csdb.in>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eubacteria | data:: DNA | data:: protein | data:: genes | data:: structure | data:: sequence | data:: classification | data:: properties and annotation | data:: enzymes | data:: pathways | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 83

PubMed ID: 24203703

URL(s): <http://www.cottongen.org>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: plants | data:: single molecule type | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: properties and annotation | data:: literature | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 84

PubMed ID: 23661693

URL(s): <http://www.complement.us/cmap>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: single molecule type | data:: protein | data:: genes | data:: complements | data:: classification | data:: pathways | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 85

PubMed ID: 23846747

URL(s): <http://www.codnas.com.ar/>

Categories: occurrence:: initial | data:: single molecule type | data:: protein | data:: structure | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 86

PubMed ID: 23104377

URL(s): <http://www.clustermine360.ca/>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eubacteria | taxonomy:: archaeobacteria | taxonomy:: eukaryotes | taxonomy:: unicellular eukaryotes | data:: DNA | data:: chemicals and small molecules | data:: genes | data:: structure | data:: sequence | data:: classification | data:: enzymes | data:: pathways | data:: literature | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 87

PubMed ID: 23514094

URL(s): <http://www.cazy.org>

Categories: occurrence:: update | taxonomy:: multi-species | data:: DNA | data:: protein | data:: genes | data:: structure | data:: sequence | data:: enzymatic sites/ complexes | data:: enzymes | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 88

PubMed ID: 23493402

URL(s): <http://www.cathacyc.org>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: plants | data:: DNA | data:: RNA | data:: chemicals and small molecules | data:: genes | data:: metabolome | data:: sequence | data:: enzymatic sites/ complexes | data:: enzymes | data:: pathways | data:: high-throughput | system:: organism | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 89

PubMed ID: 23118479

URL(s): <http://www.caspar.it/SpliceAidF/>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: protein | data:: genes | data:: proteome | data:: sequence | data:: protein-protein interactions | data:: ligand activity and pairs | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 90

PubMed ID: 23590173

URL(s): <http://www.biomedcentral.com/1472-6882/13/88/suppl/S2>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: plants | data:: chemicals and small molecules | data:: structure | data:: literature | data:: model:: 3D | access:: programmatic | access:: data download | status:: alive

Serial Number: 91

PubMed ID: 23390370

URL(s): <http://www.bioinformatics-brazil.org/surfaceome/home>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | data:: RNA | data:: protein | data:: genes | data:: structure | data:: sequence | data:: properties and annotation | data:: protein-protein interactions | data:: mutations and polymorphisms | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 92

PubMed ID: 23457042

URL(s): <http://www.bioinfo.mochsl.org.br/rcpedia>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: vertebrate | data:: DNA | data:: RNA | data:: genes | data:: transcriptome | data:: sequence | data:: literature | status:: unknown

Serial Number: 93

PubMed ID: 23819919

URL(s): <http://www.bioinf.org.uk/saap/db/>

Categories: occurrence:: update | taxonomy:: multi-species | data:: DNA | data:: protein | data:: genes | data:: genome | data:: structure | data:: sequence | data:: mutations and polymorphisms | data:: literature | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 94

PubMed ID: 23717556

URL(s): <http://www.bioapp.org/hgpgd>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: classifica-

tion | data:: genetic similarity and/or conservation | data:: properties and annotation | data:: pathways | data:: mutations and polymorphisms | data:: literature | data:: inferred | system:: population | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 95

PubMed ID: 23185043

URL(s): <http://www.bio.nite.go.jp/pks/>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: DNA | data:: protein | data:: chemicals and small molecules | data:: genes | data:: metabolome | data:: structure | data:: sequence | data:: enzymes | data:: pathways | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 96

PubMed ID: 23952586

URL(s): <http://www.bicnbi.in/mycosec>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eubacteria | data:: DNA | data:: protein | data:: genes | data:: structure | data:: sequence | data:: literature | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 97

PubMed ID: 23193283

URL(s): <http://www.arb-silva.de>

Categories: occurrence:: update | taxonomy:: multi-species | taxonomy:: eubacteria | taxonomy:: archaeobacteria | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: invertebrate | taxonomy:: vertebrate | taxonomy:: unicellular eukaryotes | taxonomy:: fungi | data:: single molecule type | data:: RNA | data:: sequence | system:: ribosome | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 98

PubMed ID: 23180796

URL(s): <http://www.animalgenome.org/QTLdb>

Categories: occurrence:: update | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: model organism | taxonomy:: vertebrate | data:: single molecule type | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: properties and annotation | data:: literature | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 99

PubMed ID: 23584834

URL(s): <http://www.allelefrequencies.net/diseases/>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: genes | data:: sequence | data:: diseases | data:: mutations and polymorphisms | data:: clinical | data:: literature | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 100
PubMed ID: 23293959

URL(s): <http://www.3dmet.dna.affrc.go.jp/>

Categories: occurrence:: initial | data:: chemicals and small molecules | data:: structure | data:: literature | data:: model:: 3D | status:: unknown

Serial Number: 101
PubMed ID: 23766369

URL(s): <http://www-cryst.bioc.cam.ac.uk/timbal>

Categories: occurrence:: update | data:: protein | data:: chemicals and small molecules | data:: genes | data:: structure | data:: sequence | data:: protein-protein interactions | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 102
PubMed ID: 23868908

URL(s): <http://www-cryst.bioc.cam.ac.uk/credo>

Categories: occurrence:: initial | data:: DNA | data:: RNA | data:: protein | data:: carbohydrates | data:: chemicals and small molecules | data:: structure | data:: sequence | data:: protein-nucleic acid interactions | data:: protein-protein interactions | data:: ligand activity and pairs | data:: drugs and drug targets | data:: literature | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 103
PubMed ID: 23696878

URL(s): <http://wukong.tongji.edu.cn/pepid>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: model organism | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: RNA | data:: genes | data:: transcriptome | data:: sequence | data:: post-translational modifications | data:: literature | data:: inferred | system:: organs | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 104
PubMed ID: 23180792

URL(s): <http://wheat.pw.usda.gov/piece>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: plants | data:: single molecule type | data:: DNA | data:: genes | data:: genome | data:: structure | data:: sequence | data:: properties and annotation | access:: web forms/applications | access:: programmatic | access:: data download | status:: alive

Serial Number: 105
PubMed ID: 23734609

URL(s): <http://vammpire.pharmchem.uni-frankfurt.de>

Categories: occurrence:: initial | data:: structure | data:: ligand activity and pairs | data:: literature | data:: model:: interactions | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 106

PubMed ID: 23172288

URL(s): <http://uucd.biocuckoo.org>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: model organism | taxonomy:: human | taxonomy:: invertebrate | taxonomy:: vertebrate | taxonomy:: unicellular eukaryotes | taxonomy:: plants | taxonomy:: fungi | data:: single molecule type | data:: protein | data:: proteome | data:: sequence | data:: enzymatic sites/ complexes | data:: enzymes | data:: protein-protein interactions | data:: literature | system:: whole cell | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 107

PubMed ID: 23314752

URL(s): <http://univio.psc.riken.jp/>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: plants | data:: DNA | data:: RNA | data:: protein | data:: genes | data:: transcriptome | data:: proteome | data:: metabolome | data:: structure | data:: sequence | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 108

PubMed ID: 23093601

URL(s): <http://tubic.tju.edu.cn/doric/>

Categories: occurrence:: update | taxonomy:: multi-species | taxonomy:: eubacteria | taxonomy:: archaeobacteria | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: enzymatic sites/ complexes | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 109

PubMed ID: 23284086

URL(s): <http://treetfdb.bmep.riken.jp/index.pl>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: plants | data:: DNA | data:: RNA | data:: protein | data:: genes | data:: transcriptome | data:: structure | data:: sequence | data:: promoters and regulators | data:: literature | status:: unknown

Serial Number: 110

PubMed ID: 23161689

URL(s): <http://topaz.gatech.edu/GeneTack/db.html>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: DNA | data:: genes | data:: genetic similarity and/or conservation | data:: mutations and polymorphisms | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 111

PubMed ID: 23515433

URL(s): <http://tiara.gmi.ac.kr>

Categories: occurrence:: update | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: RNA | data:: genes | data:: genome | data:: transcriptome

| data:: sequence | data:: properties and annotation | data:: mutations and polymorphisms | data:: high-throughput | data:: microarray | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 112

PubMed ID: 23203989

URL(s): <http://thebiogrid.org>

Categories: occurrence:: update | taxonomy:: multi-species | data:: DNA | data:: protein | data:: genes | data:: sequence | data:: protein-protein interactions | data:: mutations and polymorphisms | data:: literature | access:: web forms/applications | access:: programmatic | access:: data download | access:: submission | status:: alive

Serial Number: 113

PubMed ID: 23193255

URL(s): <http://tga.nig.ac.jp/h2db/>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: genetic similarity and/or conservation | data:: properties and annotation | data:: mutations and polymorphisms | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 114

PubMed ID: 23482072

URL(s): <http://tfgd.ihb.ac.cn/>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: unicellular eukaryotes | data:: DNA | data:: RNA | data:: genes | data:: genome | data:: transcriptome | data:: sequence | data:: intron/exon | data:: properties and annotation | data:: microarray | system:: whole cell | system:: organism | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 115

PubMed ID: 23895709

URL(s): <http://T4SS.bioinfo-icdc.org>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eubacteria | data:: single molecule type | data:: DNA | data:: genes | data:: pathways | data:: literature | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 116

PubMed ID: 24302579

URL(s): <http://syslab.nchu.edu.tw/DPRP/>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: protein | data:: genes | data:: sequence | data:: promoters and regulators | data:: protein-nucleic acid interactions | data:: literature | data:: high-throughput | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 117

PubMed ID: 23368899

URL(s): <http://symgrass.dyndns.org/>

Categories: occurrence:: initial | taxonomy:: single species | data:: DNA | data:: protein | data:: genes | data:: proteome | data:: sequence | data:: literature | status:: dead

Serial Number: 118

PubMed ID: 23289674

URL(s): <http://switchgrassgenomics.noble.org/>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: plants | data:: DNA | data:: RNA | data:: genes | data:: genome | data:: transcriptome | data:: sequence | data:: enzymes | data:: mutations and polymorphisms | data:: high-throughput | data:: microarray | system:: population | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 119

PubMed ID: 23180783

URL(s): <http://swissregulon.unibas.ch>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: DNA | data:: promoters and regulators | data:: motif | data:: properties and annotation | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 120

PubMed ID: 23161684

URL(s): <http://supfam.org/SUPERFAMILY/dcGO>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: DNA | data:: protein | data:: genes | data:: genome | data:: structure | data:: sequence | data:: properties and annotation | data:: pathways | data:: protein-protein interactions | data:: diseases | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 121

PubMed ID: 23836470

URL(s): <http://sugarbind.expasy.org/sugarbind/>

Categories: occurrence:: update | taxonomy:: multi-species | taxonomy:: eubacteria | data:: single molecule type | data:: carbohydrates | data:: structure | data:: diseases | data:: ligand activity and pairs | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 122

PubMed ID: 23180787

URL(s): <http://suba.plantenergy.uwa.edu.au>

Categories: occurrence:: update | taxonomy:: multi-species | taxonomy:: plants | data:: single molecule type | data:: protein | data:: localization | data:: protein-protein interactions | data:: literature | data:: images | data:: inferred | system:: organelles | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 123

PubMed ID: 24009897

URL(s): <http://student4.postech.ac.kr/evpedia/>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: RNA | data:: protein | data:: lipids | data:: structure | data:: literature | data:: high-throughput | system:: organelles | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 124

PubMed ID: 22903802

URL(s): <http://structure.bmc.lu.se/VariBench>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: RNA | data:: protein | data:: genes | data:: genome | data:: structure | data:: sequence | data:: mutations and polymorphisms | data:: literature | data:: model: 3D | system:: whole cell | system:: organism | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 125

PubMed ID: 23117585

URL(s): <http://stemcelldb.nih.gov>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: single molecule type | data:: DNA | data:: genes | data:: genome | system:: whole cell | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 126

PubMed ID: 23193267

URL(s): <http://ssu-rrna.org/>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eubacteria | taxonomy:: eukaryotes | taxonomy:: unicellular eukaryotes | taxonomy:: plants | taxonomy:: fungi | data:: DNA | data:: RNA | data:: genes | data:: sequence | data:: probes and primers | system:: nucleus | system:: mitochondria | system:: chloroplast | system:: ribosome | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 127

PubMed ID: 23573074

URL(s): <http://srgdb.bicpu.edu.in/>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: plants | data:: DNA | data:: RNA | data:: protein | data:: genes | data:: structure | data:: sequence | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 128

PubMed ID: 23118483

URL(s): <http://spliceosomedb.ucsc.edu>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: RNA | data:: protein | data:: protein-protein interactions | data:: literature | system:: organelles | access:: web

forms/applications | access:: data download | status:: alive

Serial Number: 129

PubMed ID: 23172286

URL(s): <http://so.qbic.riken.jp/wddd/>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: model organism | taxonomy:: invertebrate | data:: DNA | data:: protein | data:: genes | data:: sequence | data:: images:: microscopic | system:: nucleus | system:: whole cell | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 130

PubMed ID: 24324667

URL(s): <http://smithlab.usc.edu/methbase/>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | data:: DNA | data:: sequence | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 131

PubMed ID: 23843252

URL(s): <http://sites.google.com/site/jpopgen/dbNSFP>

Categories: occurrence:: update | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: genes | data:: sequence | data:: properties and annotation | data:: mutations and polymorphisms | data:: literature | access:: data download | status:: alive

Serial Number: 132

PubMed ID: 23203982

URL(s): <http://sines.eimb.ru>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: DNA | data:: sequence | data:: transposons | data:: literature | data:: statistics | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 133

PubMed ID: 23196988

URL(s): <http://shark.abl.ku.edu/nurbs/>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: model organism | taxonomy:: vertebrate | data:: protein | data:: enzymatic sites/ complexes | data:: protein-protein interactions | data:: high-throughput | data:: inferred | system:: nucleus | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 134

PubMed ID: 23143109

URL(s): <http://servers.binf.ku.dk/hemaexplorer>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: model organism | taxonomy:: human | taxonomy:: vertebrate | data:: RNA | data:: genes | data:: transcrip-

tome | data:: sequence | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 135

PubMed ID: 23986771

URL(s): <http://ricephylogenomics.ucdavis.edu/cellwalls/gh/>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: plants | data:: DNA | data:: RNA | data:: protein | data:: genes | data:: transcriptome | data:: structure | data:: sequence | data:: enzymatic sites/ complexes | data:: enzymes | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 136

PubMed ID: 23193278

URL(s): <http://rgkbase.big.ac.cn/RGKbase/>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: plants | data:: DNA | data:: RNA | data:: protein | data:: genes | data:: genome | data:: transcriptome | data:: proteome | data:: sequence | data:: mutations and polymorphisms | data:: literature | data:: comparative | system:: organism | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 137

PubMed ID: 23881287

URL(s): <http://rgd.mcw.edu/>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: model organism | taxonomy:: human | taxonomy:: vertebrate | data:: single molecule type | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: properties and annotation | data:: pathways | data:: diseases | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 138

PubMed ID: 23603846

URL(s): <http://rgd.mcw.edu>

Categories: occurrence:: update | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: model organism | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: localization | data:: motif | data:: properties and annotation | data:: pathways | data:: diseases | data:: literature | data:: model | system:: organism | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 139

PubMed ID: 23434633

URL(s): <http://rgd.mcw.edu>

Categories: occurrence:: update | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: model organism | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: RNA | data:: protein | data:: genes | data:: genome | data:: transcriptome | data:: structure | data:: sequence | data:: motif | data:: proper-

ties and annotation | data:: pathways | data:: diseases | data:: mutations and polymorphisms | data:: drugs and drug targets | data:: literature | system:: organism | access:: web forms/applications | access:: programmatic | access:: data download | status:: alive

Serial Number: 140

PubMed ID: 23696674

URL(s): <http://research.nhgri.nih.gov/CGD/>

Categories: occurrence:: update | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: single molecule type | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: properties and annotation | data:: diseases | data:: mutations and polymorphisms | data:: literature | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 141

PubMed ID: 23547897

URL(s): <http://regtransbase.lbl.gov>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eubacteria | taxonomy:: archaeobacteria | data:: DNA | data:: RNA | data:: protein | data:: genes | data:: structure | data:: sequence | data:: promoters and regulators | data:: properties and annotation | data:: protein-nucleic acid interactions | data:: mutations and polymorphisms | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 142

PubMed ID: 23299411

URL(s): <http://rapdb.dna.affrc.go.jp/>

Categories: occurrence:: update | taxonomy:: multi-species | taxonomy:: plants | data:: DNA | data:: RNA | data:: protein | data:: genes | data:: genome | data:: transcriptome | data:: sequence | data:: genetic similarity and/or conservation | data:: properties and annotation | data:: mutations and polymorphisms | data:: literature | status:: unknown

Serial Number: 143

PubMed ID: 23180797

URL(s): <http://quorumpeps.ugent.be>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eubacteria | data:: protein | data:: sequence | data:: protein-protein interactions | data:: literature | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 144

PubMed ID: 23193284

URL(s): <http://ptmcode.embl.de>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: protein | data:: post-translational modifications | data:: literature | data:: high-throughput | data:: mass spectrometry | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 145

PubMed ID: 23161674

URL(s): <http://proteininformatics.charite.de/voronoia4rna/>

Categories: occurrence:: initial | data:: RNA | data:: protein | data:: structure | data:: model | data:: model: 3D | data:: model: interactions | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 146

PubMed ID: 23772554

URL(s): <http://primos.fh-hagenberg.at>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: single molecule type | data:: protein | data:: sequence | data:: protein-protein interactions | data:: diseases | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 147

PubMed ID: 23161682

URL(s): <http://prgdb.org>

Categories: occurrence:: update | taxonomy:: multi-species | taxonomy:: plants | data:: DNA | data:: genes | data:: sequence | data:: properties and annotation | data:: literature | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 148

PubMed ID: 23725466

URL(s): <http://pmted.agrinome.org>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: plants | data:: RNA | data:: genes | data:: sequence | data:: promoters and regulators | data:: properties and annotation | data:: literature | data:: microarray | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 149

PubMed ID: 23066098

URL(s): <http://plantna.ibmp.cnrs.fr/>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: plants | data:: RNA | data:: genes | data:: genome | data:: sequence | data:: promoters and regulators | data:: properties and annotation | data:: enzymes | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 150

PubMed ID: 23688397

URL(s): <http://planex.plantbioinformatics.org>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: plants | data:: DNA | data:: protein | data:: genes | data:: sequence | data:: properties and annotation | data:: protein-protein interactions | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 151

PubMed ID: 23989082

URL(s): <http://pfindr.net>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: single molecule type | data:: DNA | data:: genes | data:: genome | data:: properties and annotation | data:: diseases | data:: clinical | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 152

PubMed ID: 23180785

URL(s): <http://peroxibase.toulouse.inra.fr/>

Categories: occurrence:: update | taxonomy:: multi-species | data:: DNA | data:: protein | data:: genes | data:: genetic similarity and/or conservation | data:: enzymes | access:: web forms/applications | access:: programmatic | access:: data download | status:: alive

Serial Number: 153

PubMed ID: 23681723

URL(s): <http://peptaibiotics-database.boku.ac.at>

Categories: occurrence:: update | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: plants | data:: single molecule type | data:: protein | data:: structure | data:: sequence | data:: classification | data:: literature | access:: programmatic | access:: data download | status:: alive

Serial Number: 154

PubMed ID: 23896518

URL(s): <http://pepbinding.bicpu.edu.in/>

Categories: occurrence:: initial | data:: single molecule type | data:: protein | data:: genes | data:: structure | data:: sequence | data:: protein-protein interactions | data:: literature | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 155

PubMed ID: 23667806

URL(s): <http://pcomdb.lowtem.hokudai.ac.jp/proteins/top>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: single molecule type | data:: protein | data:: genes | data:: sequence | data:: protein-protein interactions | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 156

PubMed ID: 23324169

URL(s): <http://orchidstra.abrc.sinica.edu.tw>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: plants | data:: DNA | data:: RNA | data:: genes | data:: genome | data:: transcriptome | data:: sequence | data:: coding/non-coding DNA | data:: properties and annotation | data:: literature | data:: high-throughput | data:: microarray | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 157

PubMed ID: 23176377

URL(s):

[http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1755-0998](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1755-0998)

Categories: occurrence:: update | taxonomy:: multi-species | data:: probes and primers | status:: alive

Serial Number: 158

PubMed ID: 23193292

URL(s): <http://npidb.belothersky.msu.ru/>

Categories: occurrence:: update | taxonomy:: multi-species | data:: DNA | data:: protein | data:: enzymatic sites/ complexes | data:: protein-nucleic acid interactions | data:: literature | access:: web forms/applications | access:: programmatic | access:: data download | status:: alive

Serial Number: 159

PubMed ID: 23125372

URL(s): <http://nonb.abcc.ncifcrf.gov>

Categories: occurrence:: update | taxonomy:: multi-species | data:: single molecule type | data:: DNA | data:: structure | data:: sequence | data:: short tandem repeats | data:: motif | data:: properties and annotation | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 160

PubMed ID: 23203880

URL(s): <http://ngs.ym.edu.tw/ym500/>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: model organism | taxonomy:: human | taxonomy:: vertebrate | data:: single molecule type | data:: RNA | data:: transcriptome | data:: sequence | system:: organism | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 161

PubMed ID: 24214964

URL(s): <http://ngs.ym.edu.tw/driverdb/>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: single molecule type | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: intron/exon | data:: properties and annotation | data:: mutations and polymorphisms | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 162

PubMed ID: 23193266

URL(s): <http://netbio.bgu.ac.il/tissuenet/>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: single molecule type | data:: protein | data:: proteome | data:: protein-protein interactions | system:: tissues | access:: web forms/applications | status:: alive

Serial Number: 163

PubMed ID: 23143105

URL(s): <http://monarchbase.umassmed.edu>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: invertebrate | data:: DNA | data:: RNA | data:: genes | data:: genome | data:: transcriptome | data:: proteome | data:: sequence | data:: properties and annotation | system:: organism | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 164

PubMed ID: 23118484

URL(s): <http://modomics.genesilico.pl>

Categories: occurrence:: update | taxonomy:: multi-species | data:: RNA | data:: protein | data:: pathways | data:: post-translational modifications | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 165

PubMed ID: 23955518

URL(s): <http://mitofish.aori.u-tokyo.ac.jp/>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: vertebrate | data:: single molecule type | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: properties and annotation | data:: literature | system:: organelles | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 166

PubMed ID: 23325619

URL(s): <http://mircancer.ecu.edu/>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: RNA | data:: sequence | data:: diseases | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 167

PubMed ID: 23936191

URL(s): <http://mips.helmholtz-muenchen.de/HSC/>

Categories: occurrence:: initial | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 168

PubMed ID: 24137008

URL(s): <http://mips.helmholtz-muenchen.de/HoPaCI/>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eubacteria | data:: protein | data:: genes | data:: structure | data:: sequence | data:: properties and annotation | data:: pathways | data:: protein-protein interactions | data:: images | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 169

PubMed ID: 23860041

URL(s): <http://mgdd.pasteur.ma>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: single molecule type | data:: DNA | data:: genes | data:: sequence | data:: diseases | data:: mutations and polymorphisms | data:: literature | system:: population | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 170

PubMed ID: 23155064

URL(s): <http://metalweb.cerm.unifi.it>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: DNA | data:: RNA | data:: protein | data:: structure | data:: metal ion binding/ interactions | data:: enzymes | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 171

PubMed ID: 23991755

URL(s): <http://metabolomics.pharm.uconn.edu/iimdb/>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: chemicals and small molecules | data:: metabolome | data:: structure | data:: literature | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 172

PubMed ID: 23118485

URL(s): <http://mbgd.genome.ad.jp/>

Categories: occurrence:: update | taxonomy:: multi-species | taxonomy:: eubacteria | taxonomy:: archaeobacteria | taxonomy:: eukaryotes | taxonomy:: invertebrate | taxonomy:: unicellular eukaryotes | taxonomy:: fungi | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: motif | data:: genetic similarity and/or conservation | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 173

PubMed ID: 23718826

URL(s): <http://maranas.che.psu.edu/>

Categories: occurrence:: initial | data:: protein | data:: structure | data:: antibodies | data:: literature | data:: inferred | status:: unknown

Serial Number: 174

PubMed ID: 23658631

URL(s): <http://mabscensus.um.edu.my>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eubacteria | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: properties and annotation | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 175

PubMed ID: 23584836

URL(s): <http://lysosome.unipg.it/>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: genes | data:: mutations and polymorphisms | data:: literature | system:: population

my:: human | taxonomy:: vertebrate | data:: DNA | data:: genes | data:: transcriptome | data:: proteome | data:: sequence | data:: promoters and regulators | data:: motif | data:: properties and annotation | data:: literature | data:: inferred | system:: organelles | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 176

PubMed ID: 24270788

URL(s): <http://lynx.ci.uchicago.edu>

Categories: occurrence:: initial | data:: DNA | data:: RNA | data:: genes | data:: transcriptome | data:: sequence | data:: properties and annotation | data:: pathways | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 177

PubMed ID: 23601370

URL(s): <http://liveratlas.hupo.org.cn>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: RNA | data:: protein | data:: chemicals and small molecules | data:: genes | data:: genome | data:: transcriptome | data:: proteome | data:: metabolome | data:: structure | data:: sequence | data:: properties and annotation | data:: enzymes | data:: pathways | data:: diseases | data:: mutations and polymorphisms | data:: clinical | data:: literature | system:: organs | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 178

PubMed ID: 23299413

URL(s): <http://lemur.amu.edu.pl/share/ERISdb/>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: plants | data:: DNA | data:: RNA | data:: genes | data:: sequence | data:: intron/exon | data:: motif | data:: literature | data:: high-throughput | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 179

PubMed ID: 23292603

URL(s): <http://kanaya.naist.jp/knapsack3d/>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: plants | data:: chemicals and small molecules | data:: structure | data:: literature | data:: model:: 3D | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 180

PubMed ID: 24194603

URL(s): <http://jjwanglab.org/dbpshp>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: invertebrate | data:: single molecule type | data:: DNA | data:: genes | data:: mutations and polymorphisms | data:: literature | system:: population

tion | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 181

PubMed ID: 23422363

URL(s): <http://jfm.sagepub.com/content/15/3/189.long>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: vertebrate | data:: diseases | data:: clinical | system:: organism | access:: web forms/applications | status:: alive

Serial Number: 182

PubMed ID: 24194598

URL(s): <http://jaspar.genereg.net>

Categories: occurrence:: update | taxonomy:: multi-species | data:: DNA | data:: protein | data:: genes | data:: genome | data:: sequence | data:: properties and annotation | data:: protein-nucleic acid interactions | data:: literature | data:: high-throughput | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 183

PubMed ID: 23794918

URL(s): <http://ipt.biodiversity.be/resource.do?r=formidabel>

Categories: occurrence:: update | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: invertebrate | data:: literature | data:: statistics | system:: population | access:: data download | status:: alive

Serial Number: 184

PubMed ID: 24297255

URL(s): <http://ipfam.org>

Categories: occurrence:: initial | data:: single molecule type | data:: protein | data:: genes | data:: structure | data:: sequence | data:: protein-protein interactions | data:: ligand activity and pairs | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 185

PubMed ID: 23093603

URL(s): <http://iomics.ugent.be/toppr/>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: model organism | taxonomy:: human | taxonomy:: vertebrate | data:: single molecule type | data:: protein | data:: enzymatic sites/ complexes | data:: motif | data:: enzymes | data:: inferred | system:: organism | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 186

PubMed ID: 24253300

URL(s): <http://invfestdb.uab.cat>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: single molecule type | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: mutations and polymorphisms | data:: literature | data:: ancient | system:: population | access:: data download | status:: alive

cess:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 187

PubMed ID: 23757396

URL(s): <http://internal.med.unideb.hu/fsrd>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: fungi | data:: DNA | data:: protein | data:: genes | data:: sequence | data:: properties and annotation | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 188

PubMed ID: 23203888

URL(s): <http://interferome.its.monash.edu.au/interferome/>

Categories: occurrence:: update | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: model organism | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: genes | data:: transcriptome | data:: proteome | data:: sequence | data:: literature | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 189

PubMed ID: 23193294

URL(s): <http://insulatordb.uthsc.edu/>

Categories: occurrence:: update | taxonomy:: multi-species | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: promoters and regulators | data:: literature | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 190

PubMed ID: 23599502

URL(s): <http://instruct.yulab.org>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: single molecule type | data:: protein | data:: genes | data:: structure | data:: sequence | data:: protein-protein interactions | data:: literature | data:: model:: 3D | data:: model:: interactions | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 191

PubMed ID: 23545212

URL(s): <http://imsdb.mpi-inf.mpg.de>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: chemicals and small molecules | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 192

PubMed ID: 23155061

URL(s): <http://iimcb.genesilico.pl/rnapathwaysdb>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: DNA | data:: RNA | data:: protein | data:: genes | data:: sequence | data:: promoters and regulators | data:: enzymatic sites/ complexes | data:: enzymes | data:: ribo-

zymes | data:: pathways | data:: literature | data:: model::
3D | access:: web forms/applications | access:: data
download | status:: alive

Serial Number: 193

PubMed ID: 23516335

URL(s): <http://ibsd.gov.in/debdom/>

Categories: occurrence:: initial | taxonomy:: multi-species |
taxonomy:: eukaryotes | taxonomy:: plants | data:: classi-
fication | data:: literature | data:: statistics | data:: images
| system:: population | access:: web forms/applications |
access:: data download | status:: alive

Serial Number: 194

PubMed ID: 23448274

URL(s): <http://hi.ustc.edu.cn:8080/PASmiR>

Categories: occurrence:: initial | taxonomy:: multi-species |
taxonomy:: eukaryotes | taxonomy:: plants | data:: RNA |
data:: genes | data:: transcriptome | data:: sequence | da-
ta:: literature | status:: unknown

Serial Number: 195

PubMed ID: 23118488

URL(s): <http://hexevent.mmg.uci.edu>

Categories: occurrence:: initial | taxonomy:: single species |
taxonomy:: eukaryotes | taxonomy:: mammals | taxono-
my:: human | taxonomy:: vertebrate | data:: DNA | data::
sequence | data:: intron/exon | data:: literature | access::
web forms/applications | access:: data download | sta-
tus:: alive

Serial Number: 196

PubMed ID: 23370713

URL(s): <http://helos.pgml.uga.edu/ctl/>

Categories: occurrence:: initial | taxonomy:: multi-species |
taxonomy:: plants | data:: DNA | data:: genes | data:: ge-
nome | data:: sequence | data:: genetic similarity and/or
conservation | data:: properties and annotation | data::
mutations and polymorphisms | data:: literature | access::
web forms/applications | access:: data download | sta-
tus:: alive

Serial Number: 197

PubMed ID: 23125365

URL(s): <http://hbvdb.ibcp.fr>

Categories: occurrence:: initial | taxonomy:: single species |
taxonomy:: virus | data:: DNA | data:: RNA | data:: pro-
tein | data:: genes | data:: genome | data:: sequence | da-
ta:: properties and annotation | data:: mutations and pol-
ymorphisms | data:: literature | access:: web
forms/applications | access:: data download | status::
alive

Serial Number: 198

PubMed ID: 23679342

URL(s): <http://hasezawa.ib.k.u-tokyo.ac.jp/lips/images.html>

Categories: occurrence:: initial | taxonomy:: multi-species |
taxonomy:: eukaryotes | taxonomy:: plants | data:: images
| access:: web forms/applications | access:: data down-
load | status:: alive

Serial Number: 199

PubMed ID: 23451388

URL(s): <http://gmo-crl.jrc.ec.europa.eu/gmomethods/>

Categories: occurrence:: initial | taxonomy:: multi-species | da-
ta:: DNA | data:: genes | data:: sequence | data:: probes
and primers | data:: literature | access:: web
forms/applications | access:: data download | status::
alive

Serial Number: 200

PubMed ID: 23998809

URL(s): <http://genomics.senescence.info/longevity/>

Categories: occurrence:: initial | taxonomy:: single species |
taxonomy:: eukaryotes | taxonomy:: mammals | taxono-
my:: human | taxonomy:: vertebrate | data:: single mole-
cule type | data:: DNA | data:: genes | data:: genome |
data:: sequence | data:: properties and annotation | data::
mutations and polymorphisms | data:: literature | access::
web forms/applications | access:: data download | ac-
cess:: submission | status:: alive

Serial Number: 201

PubMed ID: 23252913

URL(s): <http://genomewidepdb.proteomix.org/>

Categories: occurrence:: initial | taxonomy:: single species |
taxonomy:: eukaryotes | taxonomy:: mammals | taxono-
my:: human | taxonomy:: vertebrate | data:: DNA | data::
RNA | data:: protein | data:: genes | data:: genome | da-
ta:: transcriptome | data:: proteome | data:: structure |
data:: sequence | data:: properties and annotation | data::
protein-protein interactions | data:: diseases | data:: muta-
tions and polymorphisms | data:: literature | access:: web
forms/applications | access:: data download | status::
alive

Serial Number: 202

PubMed ID: 22936402

URL(s): <http://genome.weizmann.ac.il/GOSdb>

Categories: occurrence:: initial | taxonomy:: single species |
taxonomy:: eukaryotes | taxonomy:: mammals | taxono-
my:: human | taxonomy:: vertebrate | data:: DNA | data::
RNA | data:: genes | data:: genome | data:: transcriptome
| data:: sequence | data:: properties and annotation | da-
ta:: mutations and polymorphisms | data:: literature | ac-
cess:: web forms/applications | access:: data download |
status:: alive

Serial Number: 203

PubMed ID: 23155063

URL(s): <http://genome.ucsc.edu>

Categories: occurrence:: update | taxonomy:: multi-species |
taxonomy:: virus | taxonomy:: eubacteria | taxonomy:: ar-
chaebacteria | taxonomy:: eukaryotes | taxonomy:: mam-
mals | taxonomy:: model organism | taxonomy:: human |
taxonomy:: invertebrate | taxonomy:: vertebrate | taxon-
omy:: unicellular eukaryotes | data:: single molecule type
| data:: DNA | data:: genes | data:: genome | data:: se-
quence | data:: mutations and polymorphisms | data:: lit-
erature | system:: whole cell | system:: organism | access::

web forms/applications | access:: data download | status:: alive

Serial Number: 204

PubMed ID: 23110448

URL(s): <http://genome.jouy.inra.fr/yeastip>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: model organism | taxonomy:: unicellular eukaryotes | taxonomy:: fungi | data:: single molecule type | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: probes and primers | system:: whole cell | system:: organism | access:: web forms/applications | status:: alive

Serial Number: 205

PubMed ID: 23886610

URL(s): <http://gene.cqu.edu.cn/BmTEdb/>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: invertebrate | data:: single molecule type | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: transposons | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 206

PubMed ID: 23193279

URL(s): <http://gemdock.life.nctu.edu.tw/KIDFamMap/>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: protein | data:: structure | data:: sequence | data:: enzymes | data:: protein-protein interactions | data:: diseases | data:: mutations and polymorphisms | data:: ligand activity and pairs | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 207

PubMed ID: 23872200

URL(s): <http://gag.genouest.org>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: DNA | data:: protein | data:: genes | data:: genome | data:: sequence | data:: properties and annotation | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 208

PubMed ID: 24185702

URL(s): <http://FunCoup.sbc.su.se>

Categories: occurrence:: update | data:: DNA | data:: protein | data:: genes | data:: genome | data:: structure | data:: sequence | data:: enzymatic sites/ complexes | data:: properties and annotation | data:: pathways | data:: protein-nucleic acid interactions | data:: protein-protein interactions | data:: ligand activity and pairs | data:: literature | status:: unknown

Serial Number: 209

PubMed ID: 23203866

URL(s): <http://flyatlas.gla.ac.uk/>

Categories: occurrence:: update | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: model organism | taxonomy:: invertebrate | data:: DNA | data:: RNA | data:: genes | data:: genome | data:: transcriptome | data:: sequence | data:: literature | data:: high-throughput | data:: microarray | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 210

PubMed ID: 24234003

URL(s): <http://floresta.eead.csic.es/footprintdb>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: DNA | data:: protein | data:: genes | data:: structure | data:: sequence | data:: promoters and regulators | data:: enzymatic sites/ complexes | data:: motif | data:: properties and annotation | data:: protein-nucleic acid interactions | data:: literature | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 211

PubMed ID: 23904198

URL(s): <http://findis.org>

Categories: occurrence:: update | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: single molecule type | data:: DNA | data:: genes | data:: sequence | data:: properties and annotation | data:: diseases | data:: mutations and polymorphisms | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 212

PubMed ID: 23203885

URL(s): <http://factorbook.org>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: RNA | data:: protein | data:: promoters and regulators | data:: enzymatic sites/ complexes | data:: protein-nucleic acid interactions | data:: ligand activity and pairs | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 213

PubMed ID: 23777206

URL(s): <http://exon.niaid.nih.gov/HASP.html>

Categories: occurrence:: initial | taxonomy:: virus | data:: protein | data:: structure | data:: sequence | data:: literature | data:: model: 3D | access:: data download | status:: alive

Serial Number: 214

PubMed ID: 23175615

URL(s): <http://eupathdb.org>

Categories: occurrence:: update | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: unicellular eukaryotes | data:: DNA | data:: RNA | data:: protein | data:: genes | data:: genome | data:: transcriptome | data:: proteome | data:: sequence | data:: classification | data:: properties and annotation | data:: mutations and poly-

morphisms | data:: literature | data:: high-throughput |
access:: web forms/applications | access:: data download
| status:: alive

Serial Number: 215

PubMed ID: 24213601

URL(s): <http://epitrans.org>

Categories: occurrence:: initial | data:: DNA | data:: RNA |
data:: genes | data:: genome | data:: transcriptome | data::
sequence | data:: classification | data:: properties and annotation | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 216

PubMed ID: 24214991

URL(s): <http://ekpd.biocuckoo.org>

Categories: occurrence:: initial | data:: DNA | data:: protein |
data:: genes | data:: sequence | data:: enzymatic sites/
complexes | data:: classification | data:: properties and
annotation | data:: enzymes | data:: literature | access::
web forms/applications | access:: data download | status:: alive

Serial Number: 217

PubMed ID: 23203870

URL(s): <http://eendb.zfgenetics.org/>

Categories: occurrence:: initial | data:: DNA | data:: protein |
data:: structure | data:: sequence | data:: enzymatic sites/
complexes | data:: enzymes | data:: protein-nucleic acid
interactions | data:: literature | access:: web
forms/applications | access:: data download | status::
alive

Serial Number: 218

PubMed ID: 23193296

URL(s): <http://eeb.princeton.edu/lucapedia>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: single molecule type | data:: protein | data:: genes | data:: sequence | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 219

PubMed ID: 23340253

URL(s): <http://edr.research.bcm.edu>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: model organism | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: RNA | data:: protein | data:: genes | data:: genome | data:: transcriptome | data:: sequence | data:: properties and annotation | data:: literature | data:: microarray | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 220

PubMed ID: 23203985

URL(s): <http://dfam.janelia.org>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: transposons | data:: properties and annotation |

data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 221

PubMed ID: 23493258

URL(s): <http://depts.washington.edu/sokurel/variome>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eubacteria | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: mutations and polymorphisms | data:: literature | system:: population | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 222

PubMed ID: 23161675

URL(s): <http://deepbase.sysu.edu.cn/chipbase/>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: DNA | data:: RNA | data:: genes | data:: transcriptome | data:: sequence | data:: coding/non-coding DNA | data:: promoters and regulators | data:: properties and annotation | data:: literature | data:: high-throughput | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 223

PubMed ID: 23837716

URL(s): <http://dbm.dna.affrc.go.jp/px/>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: invertebrate | data:: DNA | data:: RNA | data:: genes | data:: genome | data:: transcriptome | data:: sequence | data:: properties and annotation | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 224

PubMed ID: 24198712

URL(s): <http://data.canadensys.net/vascan>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: plants | data:: classification | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 225

PubMed ID: 23894186

URL(s): <http://dailab.sysu.edu.cn/bgdb/>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: model organism | taxonomy:: human | taxonomy:: vertebrate | data:: single molecule type | data:: DNA | data:: genes | data:: sequence | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 226

PubMed ID: 23203878

URL(s): <http://d2p2.pro>

Categories: occurrence:: initial | data:: DNA | data:: protein | data:: genes | data:: genome | data:: structure | data:: se-

quence | data:: literature | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 227

PubMed ID: 23175607

URL(s): <http://cyanolyase.genouest.org/>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: DNA | data:: protein | data:: genes | data:: genome | data:: structure | data:: sequence | data:: enzymatic sites/complexes | data:: motif | data:: properties and annotation | data:: enzymes | data:: literature | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 228

PubMed ID: 23766708

URL(s): <http://cwtung.kmu.edu.tw/tipdb>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: plants | data:: chemicals and small molecules | data:: structure | data:: drugs and drug targets | data:: literature | data:: model:: 3D | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 229

PubMed ID: 23093600

URL(s): <http://ctdbase.org/>

Categories: occurrence:: update | taxonomy:: multi-species | data:: DNA | data:: protein | data:: chemicals and small molecules | data:: genes | data:: drugs and drug targets | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 230

PubMed ID: 23668932

URL(s): <http://crezoo.crt-dresden.de>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: model organism | taxonomy:: vertebrate | data:: DNA | data:: RNA | data:: genes | data:: localization | data:: images | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 231

PubMed ID: 23359817

URL(s): <http://crdd.osdd.net/servers/hipdb>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: protein | data:: genes | data:: structure | data:: sequence | data:: protein-protein interactions | data:: clinical | data:: literature | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 232

PubMed ID: 24285301

URL(s): <http://crdd.osdd.net/servers/avpdb>

Categories: occurrence:: initial | taxonomy:: virus | data:: single molecule type | data:: protein | data:: sequence | data::

ta:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 233

PubMed ID: 23203877

URL(s): <http://crdd.osdd.net/raghava/npact/>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: plants | data:: chemicals and small molecules | data:: drugs and drug targets | data:: literature | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 234

PubMed ID: 24174543

URL(s): <http://crdd.osdd.net/raghava/hemolytik/>

Categories: occurrence:: initial | data:: single molecule type | data:: protein | data:: structure | data:: sequence | data:: properties and annotation | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 235

PubMed ID: 23486013

URL(s): <http://crdd.osdd.net/raghava/cancerdr/>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: chemicals and small molecules | data:: genes | data:: structure | data:: sequence | data:: mutations and polymorphisms | data:: drugs and drug targets | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 236

PubMed ID: 24214993

URL(s): <http://cplm.biocuckoo.org>

Categories: occurrence:: initial | data:: single molecule type | data:: protein | data:: genes | data:: sequence | data:: post-translational modifications | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 237

PubMed ID: 23203868

URL(s): <http://coxpresdb.jp>

Categories: occurrence:: update | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: invertebrate | taxonomy:: vertebrate | taxonomy:: unicellular eukaryotes | data:: DNA | data:: genes | data:: genome | data:: transcriptome | data:: sequence | data:: properties and annotation | data:: literature | data:: microarray | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 238

PubMed ID: 23143270

URL(s): <http://ConsensusPathDB.org>

Categories: occurrence:: update | taxonomy:: multi-species | data:: DNA | data:: protein | data:: genes | data:: proteo-

me | data:: pathways | data:: protein-protein interactions | data:: drugs and drug targets | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 239

PubMed ID: 23180788

URL(s): <http://compbio.uthsc.edu/SomamiR/>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: DNA | data:: RNA | data:: genes | data:: pathways | data:: mutations and polymorphisms | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 240

PubMed ID: 24253304

URL(s): <http://compbio.tongji.edu.cn/cr>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: model organism | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: protein | data:: protein-nucleic acid interactions | data:: statistics | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 241

PubMed ID: 24297518

URL(s):

<http://compbio.ddns.comp.nus.edu.sg/~lipidgo/index.php>

Categories: occurrence:: initial | data:: DNA | data:: lipids | data:: genes | data:: structure | data:: sequence | data:: properties and annotation | access:: web forms/applications | access:: programmatic | access:: data download | status:: alive

Serial Number: 242

PubMed ID: 24225386

URL(s): <http://commode.i-med.ac.at>

Categories: occurrence:: initial | data:: chemicals and small molecules | data:: structure | data:: literature | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 243

PubMed ID: 24234444

URL(s): <http://collectf.umbc.edu>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eubacteria | data:: DNA | data:: protein | data:: genes | data:: protein-nucleic acid interactions | data:: literature | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 244

PubMed ID: 23175614

URL(s): <http://cmbi.bjmu.edu.cn/Incrnadisease>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: single molecule type | data:: RNA | data:: diseases | data:: ligand ac-

tivity and pairs | data:: clinical | data:: literature | status:: unknown

Serial Number: 245

PubMed ID: 23180795

URL(s): <http://circadb.org>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: model organism | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: RNA | data:: genes | data:: genome | data:: transcriptome | data:: sequence | data:: properties and annotation | data:: literature | data:: statistics | data:: inferred | access:: web forms/applications | access:: programmatic | access:: data download | status:: alive

Serial Number: 246

PubMed ID: 23476021

URL(s):

<http://chualab.rockefeller.edu/gbrowse2/homepage.html>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: plants | data:: DNA | data:: RNA | data:: genes | data:: genome | data:: transcriptome | data:: sequence | data:: literature | data:: microarray | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 247

PubMed ID: 23143107

URL(s): <http://chitars.bioinfo.cnio.es/>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: model organism | taxonomy:: human | taxonomy:: invertebrate | taxonomy:: vertebrate | data:: single molecule type | data:: RNA | data:: transcriptome | data:: sequence | data:: localization | data:: literature | data:: mass spectrometry | system:: tissues | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 248

PubMed ID: 23180799

URL(s): <http://chibba.agtec.uga.edu/duplication/>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: plants | data:: single molecule type | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: genetic similarity and/or conservation | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 249

PubMed ID: 23537399

URL(s): <http://celldeathproteomics.uio.no>

Categories: occurrence:: initial | data:: protein | data:: genes | data:: proteome | data:: sequence | data:: properties and annotation | data:: pathways | data:: literature | system:: whole cell | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 250

PubMed ID: 24270791

URL(s): <http://cefg.uestc.edu.cn/cefg/home.html>

Categories: occurrence:: update | taxonomy:: multi-species | data:: single molecule type | data:: protein | data:: genes | data:: sequence | data:: properties and annotation | data:: protein-protein interactions | data:: literature | system:: nucleus | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 251

PubMed ID: 24209780

URL(s): <http://cefg.uestc.edu.cn/cefg>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: single molecule type | data:: DNA | data:: genes | data:: genetic similarity and/or conservation | data:: literature | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 252

PubMed ID: 23665875

URL(s): <http://ccr.coriell.org/Sections/Collections/NIGMS/?SsId=8>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: RNA | data:: genes | data:: genome | data:: transcriptome | data:: sequence | data:: pathways | data:: diseases | data:: mutations and polymorphisms | data:: literature | data:: microarray | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 253

PubMed ID: 23193254

URL(s): <http://cvg.vital-it.ch/UCNEbase>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: model organism | taxonomy:: human | taxonomy:: vertebrate | data:: single molecule type | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: comparative | system:: organism | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 254

PubMed ID: 23794735

URL(s): <http://carlsbad.health.unm.edu/carlsbad/>

Categories: occurrence:: update | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: model organism | taxonomy:: human | taxonomy:: vertebrate | data:: protein | data:: chemicals and small molecules | data:: structure | data:: sequence | data:: ligand and activity and pairs | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 255

PubMed ID: 23314754

URL(s): <http://caps.ncbs.res.in/stifdb2>

Categories: occurrence:: update | taxonomy:: multi-species | taxonomy:: plants | data:: DNA | data:: RNA | data:: protein | data:: genes | data:: genome | data:: transcriptome | data:: structure | data:: sequence | data:: promoters and regulators | data:: properties and annotation | data:: protein-nucleic acid interactions | data:: literature | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 256

PubMed ID: 24194591

URL(s): <http://caps.ncbs.res.in/lenvardb/>

Categories: occurrence:: initial | data:: single molecule type | data:: protein | data:: genes | data:: structure | data:: sequence | data:: mutations and polymorphisms | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 257

PubMed ID: 23396298

URL(s): <http://cabindb.iasri.res.in/pigeonpea/>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: plants | data:: single molecule type | data:: DNA | data:: sequence | data:: short tandem repeats | data:: probes and primers | status:: unknown

Serial Number: 258

PubMed ID: 23406793

URL(s): <http://bws.iis.sinica.edu.tw/THOD>

Categories: occurrence:: initial | data:: DNA | data:: genes | data:: sequence | data:: protein-protein interactions | data:: diseases | data:: mutations and polymorphisms | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 259

PubMed ID: 23500449

URL(s): <http://bsb.kiz.ac.cn:90/DEER/>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: chemicals and small molecules | data:: pathways | data:: drugs and drug targets | data:: literature | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 260

PubMed ID: 24259684

URL(s): <http://brassibase.cos.uni-heidelberg.de>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: plants | data:: single molecule type | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: classification | data:: properties and annotation | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 261

PubMed ID: 23846594

URL(s): <http://bo-protscience.fr/dosa/>

Categories: occurrence:: initial | data:: single molecule type | data:: protein | data:: structure | data:: sequence | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 262

PubMed ID: 24214957

URL(s): <http://bNAber.org>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: virus | data:: single molecule type | data:: protein | data:: structure | data:: sequence | data:: antibodies | data:: literature | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 263

PubMed ID: 23193256

URL(s): <http://bioweb.ensam.inra.fr/esther>

Categories: occurrence:: update | data:: protein | data:: structure | data:: sequence | data:: enzymes | data:: mutations and polymorphisms | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 264

PubMed ID: 23825543

URL(s): <http://biotechlab.fudan.edu.cn/database/lamp>

Categories: occurrence:: update | data:: protein | data:: structure | data:: sequence | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 265

PubMed ID: 23161695

URL(s): <http://bioservices.hs-mittweida.de/Epros/>

Categories: occurrence:: initial | data:: protein | data:: structure | data:: sequence | data:: properties and annotation | data:: literature | data:: model | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 266

PubMed ID: 23977990

URL(s): <http://biomi.cdc.go.kr/EvoSNP/>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: single molecule type | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: mutations and polymorphisms | data:: literature | system:: population | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 267

PubMed ID: 23628689

URL(s):

http://bioinformatics.unavarra.es:1000/FUNGALOXPHOS_CSS/main.html

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: fungi | data:: DNA | data:: protein | data:: genes | status:: unknown

Serial Number: 268

PubMed ID: 23423175

URL(s):

http://bioinformatics.towson.edu/Soybean_Seed_Proteins_2D_Gel_DB/Home.aspx

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: plants | data:: protein | data:: genes | data:: mass spectrometry | data:: images | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 269

PubMed ID: 24250117

URL(s): <http://bioinformatics.towson.edu/BBGD454/>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: plants | data:: DNA | data:: RNA | data:: genes | data:: genome | data:: transcriptome | data:: sequence | data:: high-throughput | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 270

PubMed ID: 24013926

URL(s): <http://bioinformatics.snu.ac.kr/xdh>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: vertebrate | data:: carbohydrates | data:: structure | data:: high-throughput | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 271

PubMed ID: 23826978

URL(s): <http://bioinformatics.psb.ugent.be/pico-plaza/>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: unicellular eukaryotes | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: classification | data:: genetic similarity and/or conservation | data:: properties and annotation | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 272

PubMed ID: 23894139

URL(s): <http://bioinformatics.biol.uoa.gr/mpMoRFsDB>

Categories: occurrence:: initial | data:: single molecule type | data:: protein | data:: structure | data:: sequence | data:: protein-protein interactions | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 273

PubMed ID: 23262288

URL(s): <http://bioinformatics.biol.uoa.gr/LepChorionDB>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: invertebrate | data:: protein | data:: sequence | data:: literature | access:: web

forms/applications | access:: data download | status:: alive

Serial Number: 274

PubMed ID: 23842462

URL(s): <http://bioinformatica.uniroma2.it/DBATE/>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: single molecule type | data:: RNA | data:: transcriptome | data:: sequence | data:: properties and annotation | data:: high-throughput | system:: tissues | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 275

PubMed ID: 24205506

URL(s): <http://bioinfo2.ugr.es/NGSmethDB/database.php>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: single molecule type | data:: DNA | data:: genes | data:: genome | data:: sequence | data:: genetic similarity and/or conservation | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 276

PubMed ID: 24150944

URL(s): <http://bioinfo.protres.ru/hrap/>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eubacteria | taxonomy:: eukaryotes | data:: single molecule type | data:: protein | data:: genes | data:: proteome | data:: sequence | data:: properties and annotation | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 277

PubMed ID: 23220571

URL(s): <http://bioinfo.hrbmu.edu.cn/SM2miR/>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: RNA | data:: chemicals and small molecules | data:: transcriptome | data:: sequence | data:: literature | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 278

PubMed ID: 23698860

URL(s): <http://biocomputing.it/tips>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: protein | data:: chemicals and small molecules | data:: genes | data:: structure | data:: sequence | data:: properties and annotation | data:: drugs and drug targets | data:: literature | data:: crystallography | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 279

PubMed ID: 23178820

URL(s): <http://bidd.nus.edu.sg/group/MicrobPad/MicrobPad.asp>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: virus | taxonomy:: eubacteria | taxonomy:: eukaryotes | taxonomy:: unicellular eukaryotes | taxonomy:: fungi | data:: DNA | data:: RNA | data:: protein | data:: chemicals and small molecules | data:: genes | data:: genome | data:: sequence | data:: diseases | data:: probes and primers | data:: clinical | data:: literature | access:: web forms/applications | access:: programmatic | access:: data download | status:: alive

Serial Number: 280

PubMed ID: 23193263

URL(s): <http://bhapp.c2b2.columbia.edu/PrePPI>

Categories: occurrence:: initial | taxonomy:: multi-species | data:: protein | data:: structure | data:: sequence | data:: protein-protein interactions | data:: literature | data:: model:: interactions | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 281

PubMed ID: 23764453

URL(s): <http://bdgene.psych.ac.cn>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: genes | data:: sequence | data:: pathways | data:: diseases | data:: mutations and polymorphisms | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 282

PubMed ID: 23633602

URL(s): <http://bacpedia.harima.riken.jp>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eubacteria | data:: single molecule type | data:: protein | data:: genes | data:: properties and annotation | data:: mutations and polymorphisms | data:: crystallography | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 283

PubMed ID: 24304895

URL(s): <http://bacmet.biomedicine.gu.se>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eubacteria | data:: single molecule type | data:: DNA | data:: genes | data:: sequence | data:: properties and annotation | data:: literature | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 284

PubMed ID: 23550138

URL(s): http://arup.utah.edu/database/BTD/BTD_welcome.php

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: genes | data:: structure | data:: sequence | data:: diseases | data:: mutations and polymorphisms | data:: clinical |

data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 285

PubMed ID: 23650175

URL(s): <http://arpcard.mcmaster.ca>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eubacteria | data:: DNA | data:: chemicals and small molecules | data:: genes | data:: sequence | data:: properties and annotation | data:: pathways | data:: mutations and polymorphisms | data:: drugs and drug targets | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 286

PubMed ID: 24264865

URL(s): <http://agknapp.chemie.fu-berlin.de/bivalbind>

Categories: occurrence:: initial | data:: single molecule type | data:: protein | data:: genes | data:: structure | data:: sequence | data:: ligand activity and pairs | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 287

PubMed ID: 24217911

URL(s): <http://agefactdb.jenage.de>

Categories: occurrence:: initial | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: DNA | data:: chemicals and small molecules | data:: genes | data:: literature | access:: web forms/applications | access:: data download | access:: submission | status:: alive

Serial Number: 288

PubMed ID: 23721660

URL(s): <http://58.40.126.120/him/>

Categories: occurrence:: initial | taxonomy:: multi-species | taxonomy:: eukaryotes | taxonomy:: plants | data:: chemicals and small molecules | data:: structure | data:: drugs and drug targets | data:: literature | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 289

PubMed ID: 23203891

URL(s): <http://2p2idb.cnrs-mrs.fr>

Categories: occurrence:: initial | data:: protein | data:: chemicals and small molecules | data:: enzymatic sites/complexes | data:: protein-protein interactions | data:: ligand activity and pairs | data:: literature | data:: model:: interactions | data:: inferred | access:: web forms/applications | access:: data download | status:: alive

Serial Number: 290

PubMed ID: 24194601

URL(s): <http://202.38.126.151/hmdd/tools/hmdd2.html>

Categories: occurrence:: update | taxonomy:: single species | taxonomy:: eukaryotes | taxonomy:: mammals | taxonomy:: human | taxonomy:: vertebrate | data:: single molecule type | data:: RNA | data:: sequence | data:: proper-

ties and annotation | data:: diseases | data:: literature | access:: web forms/applications | access:: data download | access:: submission | status:: alive

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