



BIOSIS with Web of Science Sem-biosis-3-0-0204

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(1)BIOSISの概要

- BIOSIS Previews はライフサイエンス分野で世界最大のデータベースです。
- Biological Abstracts とBiological Abstracts/RRM (Reports, Reviews, and Meetings) (旧名BioResearch Index)の2つのデータベースが統合されています。
- 生物学およびライフサイエンス分野の**5100**タイトル以上のジャーナル、**1500**以上の国際会議、レビュー、単行本、さらに米国特許が情報源となっています。
- 1969年から現在まで、**1400万件**のレコードを収録しています。データ更新は毎週で、年間**56万件**のレコードが追加されています。
- BIOSIS Previews はライフサイエンス分野を幅広くカバーしています。例えば、生物学、生化学、バイオテクノロジー、植物学、臨床医学、薬学、動物学、農学、獣医学などが含まれます。
- ジャーナルは、生物学・ライフサイエンス分野の**2,100** タイトルは全てが索引化されており、残りの**3,000**タイトルについてはBIOSIS の各分野のスペシャリストが選択的に索引化しています。選択の基準は、分野、出版国、ピアレビューされていることなどです。世界最大のライフサイエンス分野のデータベースとなるために、できるだけ多くの国のジャーナルを収録しています。



Accession Number: PREV200400400588

Document Type: Article

Title: Molecular cloning and characterization of rice sedoheptulose-1,7-bisphosphatase gene that regulated by environmental stresses

Author(s): Chen, Xuefeng; Xiong, Jianhua; Yu, Tao; Li, Xiang; Li, Shaoqing; Hua, Yang; Li, Yang; Yingguo (zhuyg@public.wh.hb.cn)

Source: Journal of Plant Biochemistry and Biotechnology 13 (2) : 93-99 July 2004

Language: English **Medium:** print

Abstract: Sedoheptulose-1, 7-bisphosphatase (SBPase, EC 3.1.3.37) regulates the flow of carbon the Calvin cycle. To investigate its regulatory character and expression pattern, the gene encoding in rice has been cloned by RACE. A full-length cDNA with an open reading frame of 1179 bp that a 392 amino acid residues was obtained from an indica rice variety, 93-11. The OsSbp is a single loc the rice genome. It is localized in the region of 8.42-8.59 Mb on the short arm of chromosome 4, markers s288 and S11182. RT-PCR analysis revealed that OsSbp gene is expressed in all the tissue tested, and OsSbp transcript level can be dramatically boosted by light illumination. Its expression regulated by externally applied NaCl, ABA, MeJA and glucose over 24 h, whereas up-regulated by h treatments. These results indicated that OsSbp gene expression is modulated by these factors levels.

Address: Zhu, Yingguo; Coll Life SciKey Lab Minist Educ Dev Biol, Wuhan Univ, Wuhan, 430072, C

ISSN: 0971-7811

MAJOR CONCEPTS: Chemical Coordination and Homeostasis; Enzymology (Biochemistry and Molecular Biophysics); Molecular Genetics (Biochemistry and Molecular Biophysics)

CONCEPT CODE: 03502, Genetics - General; 03504, Genetics - Plant; 10062, Biochemistry studies - Nucleic acids; purines and pyrimidines; 10802, Enzymes - General and comparative studies; Coenzymes; 12802, Physiology - General; 31519, Plant physiology - Enzymes; 31526, Plant physiology - General and

Taxonomic Data:

SUPER TAXA	TAXA NOTES	Organism Classifier	Organism Name
Monocotyledones, Angiospermae, Spermatophyta, Plantae	Angiosperms, Monocots, Plants, Spermatophytes, Vascular Plants	Gramineae [25305]	Oryza s

Chemical Data:

Chemical Name	Variant	CAS Registry No.	Details
cDNA	complementary DNA		

Author(s) には、著者名、編集者名、発明者が、姓 名前の順に書かれます。1993年以降のデータには、オリジナルの論文にフルネームが書かれている場合は、名前もフルネームになります。

Abstracts は、ジャーナルのレコードの90%以上についています。単行本のレコードについては、BIOSISの索引者が抄録を作成しているものもあります。

各レコードは、BIOSISの索引者により複数のMajor Concept Codeと Concept Codeが付与され分類されています。

Biosis Previewsのレコードには1つ以上の表が表示されます。表となるフィールドにはTaxonomic Data, Chemical data, Geographic Data, Time (Geologic), Molecular Sequence Data, Methods and Equipment Used などがあります。

ISI Web of Knowledge [v3.0] - Microsoft Internet Explorer

(2) BIOSIS トップページ

BIOSIS Previews®

検索方法を選択します。General Searchから検索されることをお勧めします。

Select search option:

GENERAL SEARCH Search by subject term, author, source publication, address

ADVANCED SEARCH Search using complex queries including field tags and set con

OPEN SAVED SEARCH Open a previously saved search history.

Select timespan:

BIOSIS Previews--1969-present

Latest 1 week (updated October 22, 2004)

Year 2004

From 1969 to 2004 (default is all years)

SAVE AS MY DEFAULTS

NOTICES TUTORIAL EDUCATIONAL MATERIALS

The Notices file was last updated 6/23/2004

Acceptable Use Policy
Copyright © 2004 The Thomson Corporation

検索対象期間には3つのオプションがあります:

- *チェックボックスをクリックして最新の1,2または4週間のデータを選択します。
- *1年単位で指定したいときは、チェックボックスをクリックしプルダウンメニューから選びます。
- *何年かにわたって指定したいときは、はじめと終わりの年をプルダウンメニューから選びます。
- *デフォルトで契約している全年代が選択されます。

検索対象期間の "Year" は、Web of Scienceに収録された年です。

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(3) General Search

Selected timespan:
Database=BIOSIS Previews; Timespan=1969-2004

Enter terms or phrases. The search will be performed on the selected database(s) or SAME, as shown in the search history.)

検索語を入力しSearch をクリックします。
例) Rice genome

論理演算子と近接演算子などは、Web of Scienceと同じです。

TOPIC: Enter one or more terms. Searches within titles, subject fields, or abstracts.
Example: recycl* AND glass* (More examples)
rice genome Title only

AUTHOR: Enter one or more author, inventor, or book editor names (see [author index](#)).
Example: DaCosta C* OR Da Costa C*

SOURCE PUBLICATION: Enter full journal or book titles (see [source index](#)).
Example: Journal of Wildlife Management OR Wildlife Research

ADDRESS: Enter terms from an author's affiliation.
Example: Howard Univ* OR Merck

TAXONOMIC DATA: Enter taxonomic (see [organism classifiers](#)).
Example: reptiles OR 85404 OR crocodilia

索引のハイパーリンクをクリックすると、Author index source index Organism classifiersなどの索引が開きます。

BIOSISにユニークなフィールド

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MAJOR CONCEPTS: Enter broad subject terms (use [major concept list](#)).
Example: wildlife management

CONCEPT CODE/HEADING: Enter the code or heading (use [concept code list](#)).
Example: 22508 OR veterinary toxicology

CHEMICAL AND BIOCHEMICAL: Enter the chemical, gene name, and sequence terms or CAS Registry Number.
Example: lysine

PATENT ASSIGNEE: Enter the assignee name (available 1986-1989 & 1999 to present).
Example: Scripps

MEETING INFORMATION: Enter words from the meeting title, location, sponsor, or date.
Example: pharmacol* AND Cardiff AND 2000

IDENTIFYING CODES: Enter the accession, ISSN, ISBN, patent, US patent class, or patent date granted number.
Example: 0-12-709861-5

Restrict search by languages, document types, literature types, and Taxa Notes:

All languages	All document types	All literature types	All Taxa Notes
English	Annual Report	Annual Report	Algae
Afrikaans	Article	Bibliography	Amphibians

SEARCH CLEAR

言語あるいは文献のタイプを複数、指定することができます。

Taxa Notesで限定することができます。

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ISI Web of Knowledge [v3.0] - Microsoft Internet Explorer

Summaryを表示 + 並び替え、マーク、分析機能

アドレス http://isi9.isiknowledge.com/portal.cgi?DestApp=BIOSIS&Func=Frame

ISI Web of KnowledgeSM BIOSIS Previews GO Signed In HOME LOG OUT

BIOSIS PreviewsSM

WELCOME HELP GENERAL SEARCH SEARCH HISTORY ADVANCED SEARCH

Search Results -- Summary

TS=(rice genome)
 DocType=All document types; LitType=All literature types; Language=All languages; Taxa Notes=All Taxa Notes; Database=BIOSIS Previews; Timespan=1969-2004

435 results found Go to Page: 1 of 44 GO
 Records 1 -- 10

Use the checkboxes to select individual records to add them to the Marked List.

最新のレコード順

- 1. Chen, Xuefeng; Xiong, Jianhua; Yu, Tao, et al.
 Molecular cloning and characterization of rice sedoheptulose-1,7-bisphosphatase gene that is regulated by environmental stresses
 Journal of Plant Biochemistry and Biotechnology 13 (2) : 93-99 July 2004
- 2. Beijing Genomics Institute
 Being the pioneer of life sciences in China - Introduction to Beijing Genomics Institute
 Genomics Proteomics & Bioinformatics 2 (1) : 59-63 February 2004
- 3. Zhang Wei-Mei; Cheng Zai-Quan; Chen Shan-Na
 Studies on transformation of Bt gene into rice mediated by Agrobacterium (Oryza sativa)
 Acta Botanica Yunnanica 26 (1) : 96-102 February 2004
- 4. Liu, Zhenlan; Wang, Yongming; Shen, Ye, et al.
 Extensive alterations in DNA methylation and transcription in rice caused by introgression from Zizania latifolia
 Plant Molecular Biology 54 (4) : 381-390 August 2004
- 5. Itoh, Hironori; Tatsumi, Tomoko
 A rice semi-dwarf gene, Tan-Gin-oxidase.
 Plant Molecular Biology 54 (4) : 371-380 August 2004
- 6. Hu Xin; Hu Hao; Hong Guo-Fan
 Identification and analysis of a gene for rice resistance to bacterial blight
 Acta Genetica Sinica 31 (8) : 821-828 August 2004

Summary では、下記の機能があります。
 並び替え機能 (Sort by:)
 マーク機能 (Mark:)
 分析機能 (Analyze Results:)

Sort by:
 Latest date

Mark: [0 records marked]
 Selected records
 All records on this page
 Records to

Analyze Results:
 Analyze

ISI Web of Knowledge [v3.0] - Microsoft Internet Explorer

Full Recordを表示 + マーク、フルテキストリンクなど

アドレス http://s9.isiknowledge.com/port.cgi?DestApp=BIOSIS&Func=Frame

ISI Web of KnowledgeSM BIOSIS Previews

Markにより、印刷保存するリストが作成できます。

Citation Alertにより、この論文をその後、新たに引用した文献のアラートを設定できます。

電子ジャーナルのフルテキストにリンクがある場合はVIEW FULL TEXTボタンが表示されます。

他のISI Web of Knowledge製品を契約し、その製品にも同じ文献の記録がある場合には、View record inハイパーリンクが表示されます。

View in Web of Science
[ISI Web of Science for Cited References](#)
[ISI Web of Science for Citing Articles](#)
[ISI Web of Science for Related Records](#)

View record in
[CAB ABSTRACTS](#)
[Current Contents](#)
[Connect](#)
[CC Connect Table of Contents](#)
[ISI Web of Science](#)

Cited Reference, Citing Articles, Related Records をクリックするとWeb of Scienceのデータにリンクします。

Full Record

Record 1 of 67

Accession Number: PREV200400304255

Document Type: Article

Title: New in silico insight into the sytenry between rice (*Oryza sativa* L.) and maize (*Zea mays* L.) highlights reshuffling and identifies new duplications in the rice genome

Author(s): Salse, Jerome; Plegu, Benoit; Cooke, Richard (cooke@univ-perp.fr); Delseny, Michel

Source: Plant Journal 38 (3) : 396-409 May 2004

Language: English Medium: print

Abstract: A unigene set of 1411 contigs was constructed from 2629 redundant maize expressed sequence tags (ESTs) mapped on the maizeDB genetic map. Rice orthologous sequences were identified by blast<small>smallcapitals>blast</small> alignment against the rice genomic set. maize contigs were associated with their corresponding homologues in the rice as potential orthologous relationships. One hundred and seventeen (8%) maize distinct loci on the maize genetic map, reflecting the tetraploid nature of the 7 locus contigs, 344 (484 redundant ESTs) identify collinear blocks between maize single rice chromosome, defining six new collinear regions. Fine-scale analysis chromosomes 1 and 5 with maize chromosomes 3, 6 and 8 shows the presence within collinear regions. Mapping of maize contigs to two distinct loci on the 11 duplication events in rice. Detailed analysis of a duplication between rice chr01 11% of the annotated genes from the chromosome 1 locus are found duplicate paralogous counterpart, indicating a high degree of re-organisations. The impli based cloning in collinear regions are discussed.

Address: Cooke, Richard ; LGDCPCNRSUMR 5096, Univ Perpignan, F-66860, Perp

ISSN: 0960-7412 (ISSN print)

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(4) Web of Scienceへのリンク

Web of Science

Cited References

The following documents are bibliographic references cited by the above article.

Author	Title	Year	Volume	Page	Article	View
AWAKAWA I	3-D Cryst Growth	1989	08	209		View record
BARROTT H	3-D Cryst Growth	1989	08	123-132		View record
BERGMAN D	3-D Cryst Growth	1987	01	4589		View record
CHAKRAVARTY S	3-D Cryst Growth	1986	09	1272		View record
JACOB D	3-D Cryst Growth	1977	02	136		View record
ROTH H	3-D Cryst Growth	1962	06	2045		View record
MATSUOKA T	3-D Cryst Growth	1959	10	181		View record

Citing Articles--Summary

These documents in the database cite the above record:

1,052 results found

Records 1 - 10

1. LAU TY, TRANPT A, SUN YJ, et al. **Characterization of 11-gene DNA sequences grown on gamma-irradiated polyimide-assisted molecular beam epitaxy. PHYSICAL REVIEW LETTERS 84 (7): 435-441 JUL 2000**

2. TALK E, KRZYCZAK A, SKOWRON H, et al. **Characterization of molecular beam epitaxy grown GaAs/AlGaAs heterostructure. JOURNAL OF APPLIED PHYSICS 87 (12): 8111-8115 JUN 15 2000**

3. BAHFIZEN RZ, XUE QZ, XUE QK, et al. **Characterization of molecular beam epitaxy grown GaAs/AlGaAs heterostructure. JOURNAL OF APPLIED PHYSICS 87 (12): 8111-8115 JUN 15 2000**

4. Okamoto K, Niki I, Swartzar A, et al. **Surface of atom-terminated GaAs(111) surface. JOURNAL OF APPLIED PHYSICS 87 (12): 8111-8115 JUN 15 2000**

5. LAU TY, CHANG RW, CHANG SJ, et al. **Characterization of molecular beam epitaxy grown GaAs/AlGaAs heterostructure. JOURNAL OF APPLIED PHYSICS 87 (12): 8111-8115 JUN 15 2000**

Web of Science

Related Records -- Summary

The records below are related to this parent record and are sorted by the most shared references:

NAKAMURA S. CANDELILLA-CLASS HIGH-BRIGHTNESS INGAN/ALGAN DOUBLE-HETEROSTRUCTURE BLUE-LIGHT-EMITTING DIODES. JOURNAL OF CRYSTAL GROWTH 145 (1-4): 911-917 DEC 1994

2. MOROKUCHI, STRITE S, GAO GB, et al. **LARGE-BAND-GAP SiC, TiN, AND TiN/ZNS-BASED SEMICONDUCTOR-DEVICE TECHNOLOGIES. JOURNAL OF APPLIED PHYSICS 76 (3): 1363-1398 AUG 1 1994**

3. Mohammad SN, Morokoch H. **Progress and prospects of group-III nitride semiconductor processes. JOURNAL OF QUANTUM ELECTRONICS 20 (4-5): 361-375 1996**

4. NAKAMURA S, SENOH M, MIYAJI T. **HIGH-POWER INGAN/ALGAN DOUBLE-HETEROSTRUCTURE VIOLET LIGHT-EMITTING DIODES. PHYSICAL REVIEW LETTERS 82 (19): 2389-2392 MAY 10 1999**

Cited Reference, Citing Articles, Related Records をクリックするとWeb of Scienceのデータにリンクします。

Citing Articles をクリックするとWeb of Scienceのデータにリンクします。

Related Records をクリックするとWeb of Scienceのデータにリンクします。

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(5) BIOSISのConcept Codeを索引で確認する

各レコードは5桁のコードが(672種類)が付与されています。

Concept Codes

Use the Browse and Find features to locate Concept Code headings

Click on a letter to browse alphabetically by heading.
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Enter text to find headings containing or related to the text.

Example: musc* to find 17502 Musc
food technology

Food technology

Food technologyは135で始まるコードということが分かります。

Concept Codes -- BIOSIS Previews [v4.0] - Microsoft Intern...

Food technology - General and methods
13502

Studies of foods, their ingredients, and methods that are not characterized by a more specific Food Technology Concept Code.

インターネット

Sをクリックすると概念の説明が表示されます。

- ADD 13508 Food technology - Baking technology
- ADD 13510 Food technology - Cereal chemistry
- ADD 13518 Food technology - Dairy products
- ADD 13530 Food technology - Evaluations of physical and chemical properties
- ADD 13514 Food technology - Fats and oils
- ADD 13522 Food technology - Fish and other marine animals
- ADD 13504 Food technology - Fruits, nuts and vegetables
- ADD 13502 Food technology - General and methods
- ADD 13512 Food technology - Malts, brews and other fermentation products
- ADD 13516 Food technology - Meats and meat by-products

ADDをクリックすると画面下の欄に転送されます。

コードの選択が終わりましたらOKをクリックします。General Search画面に戻り、先ほど選んだコードはConcept Codeの項目に入力されています。

Transfer your selected heading(s) below to the Concept Code/Heading field on the Search page.

Food technology - General "and" methods

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Enter terms or phrases separated by the operators AND, OR, NOT, or SAME and then press SEARCH.
The search will be added to the search history. [[>>View your search history](#)]

TOPIC: Enter one or more terms. Searches within titles, subject headings, and abstracts.
Example: recycl* AND glass* ([More examples](#))

Title

AUTHOR: Enter one or more author, inventor, or book editor name.
Example: DaCosta C* OR Da Costa C*

SOURCE PUBLICATION: Enter full journal or book titles (see [source index](#)).
Example: Journal of Wildlife Management OR Wildlife Research

ADDRESS: Enter terms from an author's affiliation.
Example: Howard Univ* OR Merck

TAXONOMIC DATA: Enter taxonomic (see [organism classifiers](#)).
Example: reptiles OR 85404 OR crocodylia

MAJOR CONCEPTS: Enter broad subject terms (use [major concept list](#)).
Example: wildlife management

CONCEPT CODE/HEADING: Enter the code or heading (use [concept code list](#)).
Example: 22508 OR veterinary toxicology

例えば、特定の食品では無い酸化防止剤について検索する際には、Topicにantioxidant*と入力し、Concept Code 13502 Food Technology General をリストから選びます。

特定の食品では無い酸化防止剤についての検索 (Topicにantioxidant*と入力し、Concept Code 13502 Food Technology General)は、3612件です。コード番号でも結果は同じです。

Search History

Combine Sets		Results
<input type="radio"/> AND <input type="radio"/> OR <input type="button" value="COMBINE"/>		
<input type="checkbox"/> #6	5,482	TS=(antioxidant*) AND CC=(135*) DocType=All document types; LitType=All literature types; Language=A Notes; Database=BIOSIS Previews; Timespan=1969-2004
<input type="checkbox"/> #4	3,612	TS=(antioxidant*) AND CC=(13502) DocType=All document types; LitType=All literature types; Language=A Notes; Database=BIOSIS Previews; Timespan=1969-2004
<input type="checkbox"/> #1	3,612	TS=(antioxidant*) AND CC=(Food technology - General "and" methods) DocType=All document types; LitType=All literature types; Language=A Notes; Database=BIOSIS Previews; Timespan=1969-2004

全ての食品の酸化防止剤について検索するには、Food Technologyのコード135番を全て指定する、135*(アスタリスク)を入力します。検索結果は5482件に増えます。概念がコード化されているので、概念を狭めたり、広げたりするのに便利です。

(6)Taxa Notesを利用する

General Search

Selected timespan:
Database=BIOSIS Previews; Timespan=1969-2004

Enter terms or phrases separated by the operators AND, OR, NOT, or SAME, and the search will be added to the search history. [[>>View your search history](#)]

TOPIC: ⓘ Enter one or more terms. Searches within titles, subject fields, or abstracts.
Example: recycl* AND glass* ([More examples](#))

 Title only

七面鳥の一般名Turkeyを検索する際には、Topic項目にTurkeyと入力するだけでは、土地の名前のTurkeyも検索してきます。

IDENTIFYING CODES: ⓘ Enter the accession number.
Example: 0-12-709861-5

鳥の、七面鳥に限定する為には、Taxa Notesの項目でBirdsに限定します。

Restrict search by languages, document types, literature types, and Taxa Notes

All languages	All document types	All literature types	Bats
English	Annual Report	Annual Report	Birds
Afrikaans	Article	Bibliography	Bryophytes

さらに細かなTaxa Notesを指定したい場合は、Taxonomic Dataのフィールド横にある、Organism Classifiersの索引を使って検索します。

(7) BIOSISのRelational Index について

IFIC

BIOSISは、レコード中の動植物名、病名、器官名など下記の項目につき、索引語とモディファイアーで詳細に索引化されています。生物系統分類 (Super Taxa)やTaxa Notesなどを特定して検索ができます。

Organisms	Methods & Equipment
Major Concepts	Geopolitical Locations
Super Taxa	Time (geologic era)
Taxa Notes	Industry
Parts, Structures, & Systems of Organisms	Institutions & Organizations
Diseases	Persons
Chemicals & Biochemicals	Alternate Indexing
Registry Numbers	Miscellaneous Descriptors
Sequence Data	

Taxonomic Data:

SUPER TAXA	TAXA NOTES	Organism Classifier	Organism Name	Details
Primates, Mammalia, Vertebrata, Chordata, Animalia	Animals, Chordates, Humans, Mammals, Primates, Vertebrates	Hominidae [86215]	human	child, infant; host; Tanzanian, patient
Protozoa, Invertebrata, Animalia	Animals, Invertebrates, Microorganisms, Protozoans	Sporozoa [35400]	Plasmodium falciparum	parasite

例えば、ヒトの場合、Taxa Notesの項目で、Animals (動物), Chordates (脊索動物), Humans (ヒト), Mammals (哺乳類), Primates (霊長類), Vertebrates (脊椎動物)のように索引化されています。その他、Detailsの項目には、Humanのモディファイアーとして、child, infant; Tanzanian, patientが索引されています。

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例えば、タンザニアの子供とヒト・マラリア寄生虫を検索するには、Topicフィールドに Plasmodium falciparum and (child* same tanzania*)と入力します。

General Search

Selected timespan:

Database=BIOSIS Previews; Timespan=1969-2004

Enter terms or phrases separated by the operators AND, OR, NOT, or SAME, and
The search will be added to the search history. [[>>View your search history](#)]

TOPIC: ⓘ Enter one or more terms. Searches within titles, subject fields, or a
Example: recycl AND glass* (More examples)*

 Title only

Topicフィールドで検索すると、Taxonomic Data以外にも、Abstractおよび、Titleからも検索します。

(8)化学情報の検索について

IFIC

CHEMICAL AND BIOCHEMICAL: ⓘ Enter the chemical, gene name, and sequence terms or CAS Registry Number.

Example: lysine

vitamin e or 1406-18-4

化学物質名もしくは、CAS Registration Numberでも検索が可能です。

ビタミンEは 1406-18-4

<input type="checkbox"/> #2	<u>16,222</u>	CB=(1406-18-4) DocType=All document types; LitType=All literature types; Notes; Database=BIOSIS Previews; Timespan=1969-2004
<input type="checkbox"/> #1	<u>16,924</u>	CB=(vitamin e or 1406-18-4) DocType=All document types; LitType=All literature types; Notes; Database=BIOSIS Previews; Timespan=1969-2004

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*

(9)Major Concept Codeについて

IFIC

Major Concept Codeは、168種類あり、1レコードに約1 - 4個付与されています。特定の概念を主として書かれている論文に限定する際に便利です。

また、検索結果の分析などをする際にも、この大きな分類コードを使って全体の傾向を見るのに便利です。

<input type="checkbox"/> #10	<u>9,679</u>	TS=(bovine and Molecular Genetics) DocType=All document types; LitType=All literature types Notes; Database=BIOSIS Previews; Timespan=1969-2004
<input type="checkbox"/> #9	<u>8,942</u>	TS=(bovine) AND MC=(Molecular Genetics) DocType=All document types; LitType=All literature types Notes; Database=BIOSIS Previews; Timespan=1969-2004

Major Concept Codeを使うと、その概念を主として書かれた論文に限定されて、件数も減りました。

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*

16,924 records. CB=(vitamin e or 1406-18-4)

Select field to rank by:	Analyze:	Set display options:	Sort by:
Major Concepts Publication Year Source Title Super Taxa	<input type="radio"/> First 500 records <input checked="" type="radio"/> All (up to 2000 records)	Show the top 10 results. Minimum record count (threshold): 2	<input checked="" type="radio"/> Record count <input type="radio"/> Selected field

ANALYZE Rank results by the selected field.

ビタミンEについて書かれている論文をMajor Concept Codeで分析。

Use the checkboxes below to view the records.

Note: The number of records displayed may be greater than the listed Record Count if the original set contained more records than the number of records analyzed.

VIEW RECORDS	Field: Major Concepts	Record Count	% of 2000	Bar Chart
<input type="checkbox"/>	Nutrition	770	38.5 %	
<input type="checkbox"/>	Biochemistry and Molecular Biophysics	489	24.4 %	
<input type="checkbox"/>	Pharmacology	421	21.1 %	
<input type="checkbox"/>	Metabolism	350	17.5 %	
<input type="checkbox"/>	Toxicology	201	10.1 %	
<input type="checkbox"/>	Foods	188	9.4 %	
<input type="checkbox"/>	Methods and Techniques	151	7.5 %	
<input type="checkbox"/>	Cardiovascular Medicine	145	7.2 %	
<input type="checkbox"/>	Nervous System	145	7.2 %	
<input type="checkbox"/>	Animal Husbandry	130	6.5 %	

VIEW RECORDS



資料1) Organism Classifiers について

Organism Classifiers

Use the Find and Browse features to locate terms to add to your query.

Enter text to find terms containing or related to the text.
Example: *chord* to find Chordata and Protochordata

Browse Super Taxa Hierarchy [Biosystematic Code]

KEY: **ADD** = add to query **VIEW** = view taxa note

- ADD** Organisms [00500]
- ADD** Microorganisms [01000]
 - ADD** Viruses [03000]
 - ADD** Bacteria [05000]
- ADD** Plantae [11000]
 - ADD** Cryptogamiae [12000]
 - ADD** Algae [13000]
 - ADD** Fungi [15000]
 - ADD** Lichenes [19000]
 - ADD** Embryophyta [20000]
 - ADD** Bryophyta [21000]
 - ADD** Tracheophyta [22000]
 - ADD** Pteridophyta [23000]
 - ADD** Spermatophyta [25000]
- ADD** Animalia [33000]
 - ADD** Invertebrata [34000]
 - ADD** Chordata [85000]

- ADD** Mammalia [85700]
- ADD** Artiodactyla [85705]
- ADD** Astrapotheria [85755]
- ADD** Carnivora [85760]
- ADD** Cetacea [85800]
- ADD** Chiroptera [85845]
- ADD** Condylarthra [85935]
- ADD** Dermoptera [85940]
- ADD** Dinocera [85950]
- ADD** Edentata [85955]
- ADD** Embrithopoda [85975]
- ADD** Hyracoidea [85980]
- ADD** Insectivora [85990]
- ADD** Lagomorpha [86035]
- ADD** Litopterna [86050]
- ADD** Marsupialia [86055]
- ADD** Monotremata [86105]
- ADD** Multituberculata [86120]
- ADD** Notoungulata [86125]
- ADD** Pantodonta [86130]
- ADD** Pantotheria [86135]
- ADD** Perissodactyla [86140]
- ADD** Pholidota [86160]
- ADD** Pinnipedia [86170]
- ADD** Primates [86190]
- ADD** Callithricidae [86195]
- ADD** Cebidae [86200]
- ADD** Cercopitheidae [86205]
- ADD** Daubentonidae [86210]
- ADD** Hominidae [86215]

各Classifiersの+をクリックすると更に下位概念が表示されます。人類は、Animalia Chordate Vertebrata Mammalia Primates Hominidae



(資料 2) Major Concept Code について

TIFIC

Browse Major Concepts Hierarchy
 KEY: = add to query = view scope notes

<input type="button" value="ADD"/> Aging <input type="button" value="S"/>	<input type="button" value="ADD"/> Environmental Sciences <input type="button" value="S"/>
<input type="button" value="ADD"/> Agrichemicals <input type="button" value="S"/>	<input type="button" value="ADD"/> Equipment, Apparatus, Devices and Instrumentation <input type="button" value="S"/>
<input type="button" value="ADD"/> Agriculture <input type="button" value="S"/>	<input type="button" value="ADD"/> Evolution and Adaptation <input type="button" value="S"/>
<input type="button" value="ADD"/> Allied Medical Sciences <input type="button" value="S"/>	<input type="button" value="ADD"/> Exobiology <input type="button" value="S"/>
<input type="button" value="ADD"/> Animal Care <input type="button" value="S"/>	<input type="button" value="ADD"/> Foods <input type="button" value="S"/>
<input type="button" value="ADD"/> Anthropology <input type="button" value="S"/>	<input type="button" value="ADD"/> Forensics <input type="button" value="S"/>
<input type="button" value="ADD"/> Aquaculture <input type="button" value="S"/>	<input type="button" value="ADD"/> Forestry <input type="button" value="S"/>
<input type="button" value="ADD"/> Bacteriology <input type="button" value="S"/>	<input type="button" value="ADD"/> General Life Studies <input type="button" value="S"/>
<input type="button" value="ADD"/> Behavior <input type="button" value="S"/>	<input type="button" value="ADD"/> Genetics <input type="button" value="S"/>
<input type="button" value="ADD"/> Biochemistry and Molecular Biophysics <input type="button" value="S"/>	<input type="button" value="ADD"/> Government and Law <input type="button" value="S"/>
<input type="button" value="ADD"/> Biodiversity <input type="button" value="S"/>	<input type="button" value="ADD"/> History <input type="button" value="S"/>
<input type="button" value="ADD"/> Biomaterials <input type="button" value="S"/>	<input type="button" value="ADD"/> Infection <input type="button" value="S"/>
<input type="button" value="ADD"/> Bioprocess Engineering <input type="button" value="S"/>	<input type="button" value="ADD"/> Information Studies <input type="button" value="S"/>
<input type="button" value="ADD"/> Biosynchronization <input type="button" value="S"/>	<input type="button" value="ADD"/> Ingestion and Assimilation <input type="button" value="S"/>
<input type="button" value="ADD"/> Botany <input type="button" value="S"/>	<input type="button" value="ADD"/> Mathematics <input type="button" value="S"/>
<input type="button" value="ADD"/> Business and Industry <input type="button" value="S"/>	<input type="button" value="ADD"/> Medical Sciences <input type="button" value="S"/>
<input type="button" value="ADD"/> Cell Biology <input type="button" value="S"/>	<input type="button" value="ADD"/> Metabolism <input type="button" value="S"/>
<input type="button" value="ADD"/> Chemical Coordination and Homeostasis <input type="button" value="S"/>	<input type="button" value="ADD"/> Methods and Techniques <input type="button" value="S"/>
<input type="button" value="ADD"/> Chemistry <input type="button" value="S"/>	<input type="button" value="ADD"/> Microbiology <input type="button" value="S"/>
<input type="button" value="ADD"/> Communication <input type="button" value="S"/>	<input type="button" value="ADD"/> Miscellaneous Substances <input type="button" value="S"/>
<input type="button" value="ADD"/> Computational Biology <input type="button" value="S"/>	<input type="button" value="ADD"/> Morphology <input type="button" value="S"/>
<input type="button" value="ADD"/> Conservation <input type="button" value="S"/>	<input type="button" value="ADD"/> Movement and Support <input type="button" value="S"/>
<input type="button" value="ADD"/> Cosmetics <input type="button" value="S"/>	<input type="button" value="ADD"/> Mycology <input type="button" value="S"/>
<input type="button" value="ADD"/> Development <input type="button" value="S"/>	<input type="button" value="ADD"/> Neural Coordination <input type="button" value="S"/>
<input type="button" value="ADD"/> Economic Entomology <input type="button" value="S"/>	<input type="button" value="ADD"/> Nutrition <input type="button" value="S"/>
<input type="button" value="ADD"/> Economics <input type="button" value="S"/>	<input type="button" value="ADD"/> Paleobiology <input type="button" value="S"/>
<input type="button" value="ADD"/> Education <input type="button" value="S"/>	<input type="button" value="ADD"/> Parasitology <input type="button" value="S"/>
	<input type="button" value="ADD"/> Pathology <input type="button" value="S"/>
	<input type="button" value="ADD"/> Pest Assessment Control and Management <input type="button" value="S"/>

(資料 2) Major Concept Code について (続)

<input type="button" value="ADD"/> Pesticides <input type="button" value="S"/>
<input type="button" value="ADD"/> Pharmacology <input type="button" value="S"/>
<input type="button" value="ADD"/> Philosophy and Ethics <input type="button" value="S"/>
<input type="button" value="ADD"/> Phycology <input type="button" value="S"/>
<input type="button" value="ADD"/> Physics <input type="button" value="S"/>
<input type="button" value="ADD"/> Physiology <input type="button" value="S"/>
<input type="button" value="ADD"/> Pollution Assessment Control and Management <input type="button" value="S"/>
<input type="button" value="ADD"/> Population Studies <input type="button" value="S"/>
<input type="button" value="ADD"/> Radiation Biology <input type="button" value="S"/>
<input type="button" value="ADD"/> Reproduction <input type="button" value="S"/>
<input type="button" value="ADD"/> Respiration <input type="button" value="S"/>
<input type="button" value="ADD"/> Sanitation <input type="button" value="S"/>
<input type="button" value="ADD"/> Sensory Reception <input type="button" value="S"/>
<input type="button" value="ADD"/> Soil Science <input type="button" value="S"/>
<input type="button" value="ADD"/> Systematics and Taxonomy <input type="button" value="S"/>
<input type="button" value="ADD"/> Toxicology <input type="button" value="S"/>
<input type="button" value="ADD"/> Transport and Circulation <input type="button" value="S"/>
<input type="button" value="ADD"/> Tumor Biology <input type="button" value="S"/>
<input type="button" value="ADD"/> Vector Biology <input type="button" value="S"/>
<input type="button" value="ADD"/> Virology <input type="button" value="S"/>
<input type="button" value="ADD"/> Zoology <input type="button" value="S"/>

Concept Codes

Use the Browse and Find features to locate Concept Code headings to add to your query.

Click on a letter to browse alphabetically by heading.
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Enter text to find headings containing or related to the text.
Example: musc* to find 17502 Muscle - Anatomy and 22022 Pharmacology - Muscle system
musc*

Results Page 1 (Terms 1 - 5 of 5)
|<< << [2] >> >>|

KEY: = add to query = view scope notes

- § 17502 Muscle - Anatomy
- § 17501 Muscle - General and methods
- § 17506 Muscle - Pathology
- § 17504 Muscle - Physiology and biochemistry
- § 22022 Pharmacology - Muscle system

Results Page 1 (Terms 1 - 5 of 5)
|<< << [2] >> >>|

Concept Codes -- BIOSIS Previews [v4.0] - ...

Pharmacology - Muscle system

22022

Studies of drugs acting on or treating conditions of skeletal or smooth muscle.

このページが表示されました インターネット

[Back to top](#)

その他のコードについては別表をご参照ください。

Parts, Structures, and Systems

- digestive system
- circulatory system
- blood and lymphatics
- excretory system
- respiratory system
- reproductive system
- endocrine system
- muscular system
- skeletal system
- integumentary system
- dental and oral system
- sensory system
- nervous system
- embryonic structure
- immune system

DISEASE MODIFIERS

algal disease
 bacterial disease
 behavioral and mental disorders
 blood and lymphatic disease
 bone disease
 congenital disease
 connective tissue disease
 dental and oral disease
 digestive system disease
 ear disease
 endocrine disease
 endocrine disease/adrenal
 endocrine disease/gonads
 endocrine disease/pancreas
 endocrine disease/parathyroid
 endocrine disease/pineal
 endocrine disease/pituitary
 endocrine disease/thymus
 endocrine disease/thyroid
 eye disease
 fungal disease

genetic disease
 heart disease
 immune system disease
 infectious disease
 injury
 integumentary system disease
 joint disease
 metabolic disease
 muscle disease
 neoplastic disease
 nervous system disease
 nutritional disease
 parasitic disease
 prion disease
 reproductive system disease
 reproductive system disease/female
 reproductive system disease/male
 respiratory system disease
 toxicity
 urologic disease
 vascular disease
 viral disease
 disease-miscellaneous

ありがとうございました。ご質問は下記まで

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