

SequenceBase 最新情報

新インターフェース 強化情報

Clarivate Analytics
IP solutions
2020年 1月



SequenceBase

強化情報

- アジェンダ

- 新しいインターフェースのご案内
- 2019年11 – 12月の強化
 - 収録強化
 - Derwent InnovationからSequenceBaseへ連携強化
 - SequenceBaseからDerwent Innovationへ連携強化
 - MSS検索後のFiltering強化
 - 検索結果のFiltering強化
 - 検索結果のソート強化

SequenceBase 新しいインターフェース

Documentation

Derwent[™]SequenceBase

PROJECTS MY PATENTS MY QUERIES

Selected Project: Searching by SBN (created on: 29-May-2018); Current Folder: default

Summary

Search

Evaluate 15

Documents

Reports

Search a nucleotide database using the Smith–Waterman algorithm by a nucleotide query

BLAST

Smith-Waterman Nucleotide

MOTIF

MSS

Keyword

BESTSeq[®]

New search name:

Query

Enter sequence(s) [upload from file](#), [select project](#)

>medicago|09v1|AA660909
CAAGCTAATTAACATCACTCCAATGGCCACCATTT

Target Sequence Length Min:

Algorithm parameters

Additional search options

Search

2019年、クラリベイト・アナリティクスはSequenceBaseを買収し、知財ポートフォリオを強化しました。2020年はSequenceBaseとDerwent Innovationの連携を強化します。強化のフェーズ1として、2020年2月にSequenceBaseのインターフェースをDerwent Innovationと同様のデザインに変更いたします。

Documentation

Derwent[™]SequenceBase

PROJECTS MY PATENTS MY QUERIES MONITOR ACCOUNT

Selected Project: SRF (created on: 24-Jul-2017); Current Folder: default

Summary

Search

Evaluate

Documents

Reports

Current folder: default [Create new](#)

Manage and export project results

Selected documents: 0 of 532 [Select all](#) | [Deselect all](#)

Sequences: 791 Redundant: 2529 Documents: 532 Families: 264 [Details](#)

Generate report

Add to My Patents

Delete

Toggle visible columns

Showing 1 to 25 of 532 entries

☐	DB	FAMILY	DOCUMENT	AUTHORITY	APPLICATION	TITLE	ASSIGNEE(S)	PUBLISHED	FILED	EARLIEST PRIORITY	SEQUENCES	QUERIES	EXPAND ALL
☐		486709	WO2017120750	WIPO	Not provided	DNA CHIP OF SNPS INNON-CODING REGION WITHIN THE WHOLE GENOME RANGE OF EAST ASIAN POPULATION	INSTITUTE OF BIOPHYSICS, CHINESE ACADEMY OF SCIENCES	20-Jul-2017	Not provided	20-Jul-2017	2	3	Less
INCLUDE TO EXPORT?	SEQUENCE NUMBER	SEQUENCE KEY	LOCATION	SEARCH	LENGTH	SCORE	IDENTITIES	SUBJECT COVERAGE	POSITIVES	QUERY COVERAGE	EXPECT	EXPAND ALL	
☐	WO2017120750.1360	SBNN003OOH1J	SEQ ID NO 1360	CDR-151 [MSS: SWN]	30	88.0	24	N/A	24	17.06%	N/A	Alignment	
☐	WO2017120750.1360	SBNN003OOH1J	SEQ ID NO 1360	CDR-151 [MSS: SWN]	30	88.0	24	N/A	24	17.06%	N/A	Alignment	
☐	WO2017120750.2048	SBNN003OOHKN	SEQ ID NO 2048	CDR-151 [MSS: SWN]	30	91.0	26	N/A	26	10.11%	N/A	Alignment	
☐		446038	WO2017109757	WIPO	Not provided	MATERIALS AND METHODS FOR TREATMENT OF AMYOTROPHIC LATERAL SCLEROSIS AND/OR FRONTAL TEMPORAL LOBULAR DEGENERATION	CRISPR Therapeutics AG; Cowen, Chad A; Kabadi, Ami M; Lundberg, Ante S	29-Jun-2017	Not provided	29-Jun-2017	5	3	More
☐		445456	WO2017112738	WIPO	Not provided	METHODS FOR IDENTIFYING MICROSATELLITE INSTABILITY	Myriad Genetics, Inc.; Perry, Michael	29-Jun-2017	Not provided	29-Jun-2017	1	2	More
☐		446038	WO2017109757	WIPO	Not provided	MATERIALS AND METHODS FOR TREATMENT OF AMYOTROPHIC LATERAL SCLEROSIS AND/OR FRONTAL TEMPORAL LOBULAR DEGENERATION	CRISPR THERAPEUTICS AG	29-Jun-2017	Not provided	23-Dec-2015	5	3	More

収録強化：中国特許とカナダ特許の配列データ収録強化

- 中国特許の配列データ収録：
 - 対象期間：2017～2019年
 - 対象データベース：WOGENE
 - 100万件以上の配列（44,000件以上の特許）
- カナダ特許の配列データ：
 - 対象期間：2003～
 - 対象データベース：WOGENE
 - 2.7万件以上の配列（164件以上の特許）

更に過去分の遡及や最新データの追加収録を検討しています。

Add filter Select Field Add or Select saved filter

Database: Equals WOGENE
Remove

Patent authority: Equals China
Remove

Apply Save filter parameters

Add selected Add all Download

Showing 1 to 45 of 45 entries

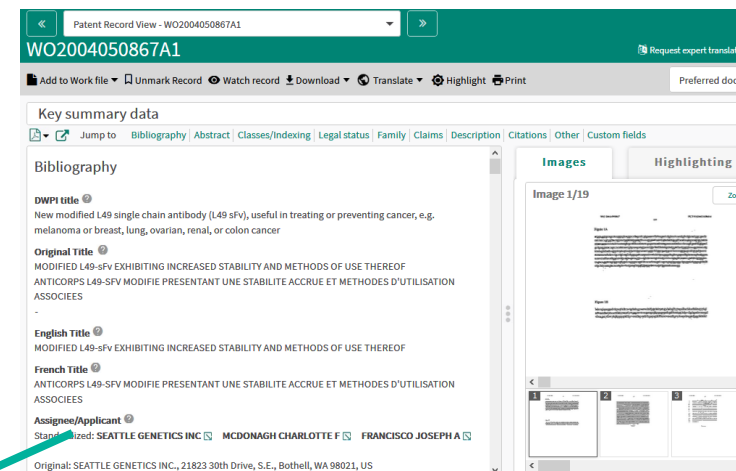
	DB	Family	Document	Title	Authority	Assignee(s)	Priority	Published	Score	Sequences	Expand all
☐		438804	CN106279411	Targeted RegIV single-chain antibody	China	CHINA PHARMACEUTICAL UNIVERSITY	January 4, 2017	January 4, 2017		1	More
☐		427513	CN106282133	Application of RNFB in breast cancer promotion	China	CHINA MEDICAL UNIVERSITY	January 4, 2017	January 4, 2017		1	More
☐		448788	CN106318953	Phalaenopsis flowering gene PhalFY and application thereof	China	SOUTH CHINA BOTANICAL GARDEN, CHINESE ACADEMY OF SCIENCES	January 11, 2017	January 11, 2017		1	More
☐		428833	CN106350523	Human epididymis protein 4 (HE4) gene sequence, HE4 protein and preparation method	China	UPSTREAM (CHINA) CO., LTD.	January 25, 2017	January 25, 2017		1	More
☐		428441	CN106370638	NO TITLE OF INVENTION AVAILABLE	China	MATERIAL INST. OF CHINA ACADEMY OF ENGINEERING PHYSICS	February 1, 2017	February 1, 2017		1	More
☐		439928	CN106367458	Application of recombinant sucrose phosphotransferase in preparation of functional oligosaccharides	China	SOUTH CHINA AGRICULTURAL UNIVERSITY	February 1, 2017	February 1, 2017		1	More
☐		429092	CN106367521	Soybean detection primer based on loop-mediated isothermal amplification extinction technology, detection method and kit	China	CHINA AGRICULTURAL UNIVERSITY	February 1, 2017	February 1, 2017		1	More

配列コンテンツを拡張し、配列検索のグローバル性が高まりました。

Derwent InnovationからSequeneceBaseへ連携強化：

- Derwent Innovationの種別付きの公報番号でもインポートできるようになりました。以前は、種別を含む公報番号はインポートできませんでした。
 - Before : WO2004050867 (検索可)
WO2004050867A1 (検索不可)
 - After : WO2004050867 (検索可)
WO2004050867A1 (検索可)
- これより、Derwent Innovationで検索した特許の公報番号に対応する配列データや生物学的な注釈情報にアクセスし易くなりました。

Derwent Innovation



Import patent or published application numbers							
Add Patent				Add Patents from file			
Patent ID: WO2004050867A1			Add	File: Choose File No file chosen Upload			
	DB	Number	Title	Sequences	Download links	External links	Date added
☐		WO2004050867	MODIFIED L49-sFv EXHIBITING INCREASED STABILITY AND METHODS OF USE THEREOF	23	XML; ASCII; FASTA (nucleotides, proteins or both)	DERWENT INNOVATION; Espacenet; WIPO	October 23, 2019 14:51
☐		WO2004050867	New modified L49 single chain antibody (L49 sFv), useful in treating or preventing cancer, e.g. melanoma or breast, lung, ovarian, renal, or colon cancer.	29	XML; ASCII; FASTA (nucleotides, proteins or both)	DERWENT INNOVATION; Espacenet; WIPO	October 23, 2019 14:51

SequenceBaseからDerwent Innovationへ連携強化：

- 種別付きの公報番号は種別と番号の間のスペースなしでエクスポートできるようになりました。
 - Before : WO2004050867 A1 (スペースあり⇒ Derwet Innovationで検索不可)
 - After : WO2004050867A1 (スペースなし⇒ Derwet Innovationで検索可)
- これより、SequenceBaseで検索した特許の公報番号を基にDerwet Innovationの特許データを検索し易くなりました。

	A	B	C	D	E	F	
1	Database	No. of Seq	Legal Statu	Inventor(s)	Family	Document	Au
2	WOGENE	86	Application	Not provided	4350888	WO2020013170	MI
3	WOGENE	337	Application	Not provided	4343598	WO2020006516	MI
4	WOGENE	337	Application	Not provided	4343598	WO2020006516	MI
5	FAST-ALERT	106	Application	Not provided	4350888	WO2020013170	MI
6	USGENE	337	Application	SHENG Jackie (Thousand Oaks, CA);	4343785	US20200002417A1	Jr
7	FAST-ALERT	337	Application	Not provided	4346157	US20200002417	Jr
8	USGENE	337	Application	SHENG Jackie (Thousand Oaks, CA);	4343785	US20200002417A1	Jr
9	FAST-ALERT	337	Application	Not provided	4346157	US20200002417	Jr
10	USGENE	217	Application	GEUIJEN Cecilia Anna Wilhelmina (Utn	515764	US20200017595A1	Jr
11	USGENE	539	Application	POGUE Sarah Lee (Redwood City, CA)	511217	US20200010544A1	Jr
12	USGENE	61526	Application	FOTIN-MLECZEK Mariola (Sindelfinger	495102	US20200023076A1	Jr
13	USGENE	61526	Application	FOTIN-MLECZEK Mariola (Sindelfinger	495102	US20200023076A1	Jr
14	USGENE	61526	Application	FOTIN-MLECZEK Mariola (Sindelfinger	495102	US20200023076A1	Jr
15	USGENE	61526	Application	FOTIN-MLECZEK Mariola (Sindelfinger	495102	US20200023076A1	Jr
16	USGENE	61526	Application	FOTIN-MLECZEK Mariola (Sindelfinger	495102	US20200023076A1	Jr

Derwent Innovation



MSS検索後のFiltering強化：必須の配列、ヒット配列数で絞り込み

- 必須の配列を含むものだけに絞り込むことができるようになりました。

例：3つのクエリー配列で検索した際、クエリー1と3を含む配列に絞り込む。

The screenshot shows the MSS search results interface. The 'Filters' section on the left has a 'Mandatory Query' filter set to 'Equals' with a list of queries: Q1 MSS Test 2, Q2 MSS Test 2, Q3 MSS Test 2, and Q4 SequenceBase|SBNP0001F63. The 'Apply' button is highlighted. The table below shows the results, with the 'Queries' column highlighting the queries used in the filter.

Queries List	Sequence Key	Molecule Type	Organism	Length	Score	Query % ID	Query Coverage	Documents	Families	Queries	Expand all	Expand all
Q1 Q3	SBNP0002Z9G5	Protein	Artificial Sequence; Homo sapiens; Synthetic; synthetic construct; Unknown.	668	780	39.67%	40.40%	10	4	2	Documents	Alignment
Q1 Q3	SBNP00008RH5	protein	Artificial Sequence; synthetic construct; unidentified; Unknown; Unknown.	491	778	38.57%	41.71%	6	4	2	Documents	Alignment
Q1 Q3	SBNP0000DUPV	protein	Synthetic	650	778	38.57%	41.71%	1	1	2	Documents	Alignment
Q1 Q3	SBNP0000DWJ0	protein	Homo sapiens; Synthetic	698	777	39.12%	41.71%	1	1	2	Documents	Alignment

- 特許一件当たりのヒットクエリー配列数で絞り込むことができるようになりました。

例：4つのクエリー配列で検索した際、少なくとも2つの配列が記載された特許に絞り込む。

The screenshot shows the MSS search results interface. The 'Filters' section on the left has a 'Queries per document' filter set to 'Greater than or equals' with a value of 2. The 'Apply' button is highlighted. The table below shows the results, with the 'Queries' column highlighting the queries used in the filter.

DB	Family	Document	Title	Authority	Assignee(s)	Filed	Priority	Published	Score	Align % ID	Positives %	Query Coverage	Sequences	Queries	Expand all
	487661	US20190233517 A1	FABS-IN-TANDEM IMMUNOGLOBULIN AND USES THEREOF	United States	EpimAb Biotherapeutics, Inc. (Shanghai, CN)	February 6, 2017	February 6, 2016	August 1, 2019	1647	80.74%	86.22%	98.63%	26	4	More
	487661	WO2017136820	FABS-IN-TANDEM IMMUNOGLOBULIN AND USES THEREOF	WIPO	Epimab BioTherapeutics; Wu, Chengbin	Not provided	August 10, 2017	August 10, 2017	1647	80.74%	86.22%	98.63%	26	4	More
	531703	EP3411412 A2	FABS-IN-TANDEM IMMUNOGLOBULIN AND USES THEREOF	EPO	WU CHENGBIN	Not provided	February 6, 2016	December 12, 2018	1647	80.74%	86.22%	98.63%	26	4	More

検索結果のFiltering強化：よく使用するFilter設定の保存・利用

- よく使用するFilter設定を保存しておく、他の検索結果にも簡単に適用できるようになりました。

使用例：Humanの配列に絞り込む設定を保存しておき、次回検索する際に直ちにHumanに絞り込む。

①Filter設定

▼ Filters

Show available filters

Reset

Add filter

Select Field

Add

or

Select saved filter

Organism:

Equals

3 selected

Remove

Check all

Uncheck all

Homo sapiens

Homo sapiens; Mus sp

Homo; sapiens

②Filter設定：条件選択

▼ Filters

Show available filters

Reset

Add filter

Select Field

Add

or

Select saved filter

Organism:

Equals

3 selected

Remove

Apply

Save filter parameters

③Filter保存

Save filter parameters

Name

Human

④名前付けてSave

Save

Cancel

次回の検索結果

▼ Filters

Show available filters

Reset

Add filter

Select Field

Add

or

Select saved filter

①Filter選択

Add selected

Add all

Download

Showing 1 to 50 of 915 entries

Saved filter

Saved filters for project: 20191225

There will be Created At as "N/A", if the filter was created before 16/12/2019. Please note, you can find all saved filters when following 'View all saved filters'.

View all saved filters

Search:

Name

Project

Created at

Actions

Human

20191225

January 28,

②適用

Apply

First

Previous

1

Next

Last

▼ Filters

Show available filters

Reset

Add filter

Select Field

Add

or

Select saved filter

Organism:

Equals

3 selected

Remove

Apply

Save filter parameters

③Filter保存

Save filter parameters

Name

Human

④名前付けてSave

Save

Cancel

▼ Filters

Show available filters

Reset

Add filter

Select Field

Add

or

Select saved filter

Organism:

Equals

3 selected

Remove

Apply

Save filter parameters

③Filter保存

Save filter parameters

Name

Human

④名前付けてSave

Save

Cancel

▼ Filters

Show available filters

Reset

Add filter

Select Field

Add

or

Select saved filter

Organism:

Equals

3 selected

Remove

Apply

Save filter parameters

③Filter保存

Save filter parameters

Name

Human

④名前付けてSave

Save

Cancel

Humanに
絞り込み

	Sequence Key	Molecule Type	Organism	Length	Score	Query % ID	Ali % ID
☐	SBNP000JH4W9	protein	Homo sapiens	214	436	100.00%	100.
☐	SBNP0003JA07	protein	Mus sp; Homo sapiens; Chimeric	236	417	96.26%	96.

検索結果のソート強化：優先権主張日でソート

- 優先権主張日でソートできるようになりました。

使用例：FTO調査の際、先行特許の権利期間を優先権主張日で限定する。

Add selectedAdd allDownload ▼

Display mode: grouped by document ▼Toggle visible columns ▼

Showing 1 to 50 of 531 entries

	DB	Family	Document	Title	Authority	Assignee(s)	Priority	Published	Score	Sequences	Expand all
☐		439404	WO2017062253	ANTIBODIES WITH IMPROVED STABILITY TO INTESTINAL DIGESTION	WIPO	CIRCLE33 LLC	October 25, 2018	April 13, 2017	331	11	More
☐		530668	EP3359190 A2	ANTIBODIES WITH IMPROVED STABILITY TO INTESTINAL DIGESTION	EPO	BURTON RANDALL EDWARD	October 5, 2015	August 15, 2018	331	11	More

サービス全般に関するお問い合わせ

Tel: 03-4589-3101

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赤坂パークビル18階

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Tel (フリーコール) : 0800-170-5577

Tel : 03-4589-3107

Email: ts.support.jp@clarivate.com

サービス時間：月～金（祝祭日を除く）
午前9時30分～午後5時30分