



Software for
Business Intelligence

BizInt Smart Charts

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John Willmore

PIUG Combined Annual / Biotech Conference, Chicago, IL

May 7, 2024

Agenda

- What we do
- Templates
- Reference Rows
- Exports
- Database changes
- Roadmap
- Questions and Requests

The problem:

- It's not just about doing the **right query**.
- You need to **deliver the results** in a meaningful format.
- And key pieces of information come from **different databases**.

Your solution:



Software for
Business Intelligence

BizInt Smart Charts

Your solution:

BizInt Smart Charts

for Patents

BizInt Smart Charts

Drug Development Suite

vantage  point
Smart Charts Edition

Your solution:

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for Patents

new!

Patents



Analytics

STN Next

PatBase

Orbit

Innovation

Patents

IP Sequence

Aptean GenomeQuest

Questel



GenomeQuest
CAS Biosequences

Orbit
Biosequence

USGENE
DGENE
PCTGEN

Non-patent
literature



How do I create reports with BizInt Smart Charts?

Export search results to BizInt Smart Charts.

Do your searches on supported databases and hosts...

Export Wizard

EXPORT WIZARD Export - Bizint

Easy search

Menu Filter Explorer

Filter options

Legal status

- Alive (2)
- Dead (1)

1st application year

- After 2015 (0)
- 2011-2015 (3)
- 2006-2010 (0)
- 2001-2005 (0)
- Before 2001 (0)

Assignee

Publication country

You are about to export all 1,500 results.

Selections

- All 1,500 results
- Top 3 results per query (3 total)

Export Cancel

date	Applicant/Assignee	
20	HARVARD CO...	100 %
20	HARVARD CO...	100 %
11	ZYMERGEN	100 %

BizInt Smart Charts is Windows software installed on your desktop.

BizInt Smart Charts extracts the key data elements...

...and builds tabular reports.

PatBase search results for 'EN COMPOSITIONS AND METHODS FOR TARGETED GENE DISRUPTION IN PROKARYOTES'. Title: [EN] COMPOSITIONS AND METHODS FOR TARGETED GENE DISRUPTION IN PROKARYOTES. Abstract: Source: US2010132263 AA [EN] The present disclosure relates to engineered bacteriophage vector compositions comprising nucleic acids that express recombinant nucleases. Also provided are methods of using engineered bacteriophage vectors to effect genomic disruption or targeted gene disruption in prokaryotes. The disclosed compositions and methods are useful for reducing antibiotic resistance in bacteria cells.

PatBase search results for 'EN LANCING GENE DISRUPTION AND INSERTION'. Title: [EN] LANCING GENE DISRUPTION AND INSERTION. Abstract: Source: US2010004087 A1 [EN] Methods of introducing large nucleic acid sequences into a target nucleic acid and inserting large foreign nucleic sequences into the target nucleic acid sequence using a DNA binding protein nucleases are disclosed.

PatBase search results for 'RNA-GUIDED TRANSCRIPTIONAL REGULATION'. Title: [EN] RNA-GUIDED TRANSCRIPTIONAL REGULATION. Abstract: Source: US2014336956 AA [EN] Methods of modulating expression of a target nucleic acid in a cell are provided including introducing into the cell a first foreign nucleic acid encoding one or more RNAs complementary to DNA, wherein the DNA includes the target nucleic acid, introducing into the cell a second foreign nucleic acid encoding a nucleic acid Cas9 protein that binds to the DNA and is guided by the one or more RNAs, introducing into the cell a third foreign nucleic acid encoding a transcriptional regulator protein or domain, wherein the one or more RNAs, the nucleic acid Cas9 protein, and the transcriptional regulator protein or domain are expressed, wherein the one or more RNAs, the nucleic acid Cas9 protein and the transcriptional regulator protein or domain co-localize to the DNA and wherein the transcriptional regulator protein or domain regulates expression of the target nucleic acid.

Export dialog box showing options for format (BizInt Smart Charts, 30,000 records only), include search query, and available fields. A 'Selections' dialog is overlaid, showing 'All 1,500 results' and 'Top 3 results per query (3 total)'. An 'Export' button is visible at the bottom.

Export Wizard interface showing step 1 of 4: Format. The user has selected 'Microsoft Word' as the export format. The 'Records to export' range is from 1 to 3. A 'Patent families (FamPat) - 3 results' table is visible at the bottom.

#	Publication number	1st app. date	Applicant/Assignee	
(2)	US2267135	2014-06-30	HARVARD CO...	100%
(1)	EP3071698	2014-06-30	HARVARD CO...	100%
(0)	Intellixir			
(0)	VantagePoint	2014-11-11	ZYMERGEN	100%
(0)	Ris			

Combine your results from multiple databases...



Title	Patent Family			Image	Abstract	Probable Assignee	Claims	State
	Patent	Kind	Date					
1 COMPOSITIONS AND METHODS FOR TARGETED GENE DISRUPTION IN PROKARYOTES	WO 2015070193	A1	2015-05-14		Source: US2015132293 The present disclosure relates to engineered bacteriophage vector compositions comprising nucleic acids that express recombinant nucleases. Also provided are methods of using engineered bacteriophage vectors to effect genomic disruption or targeted gene disruption in prokaryotes. [CONT.]	RADIANT GENOMICS INC	US2015132293A	DEAD
	US 2015132293	A1	2015-05-14					
	US 2015033901	A1	2015-10-10					
	US 2015070193	A1	2015-05-14					
2 LARGE GENE EXCISION AND INSERTION	US 2015140064	A	2015-05-21		Source: US2015140064 Methods of simultaneously excising large nucleic acid sequences from a target nucleic acid and inserting large foreign nucleic acid sequences into the target nucleic acid sequence using DNA binding protein nucleases are described.	PRESIDENT AND FELLOWS OF HARVARD COLLEGE	US10787848B	ALIVE
	US 1078784	A	2020-09-29					
	WO 2015077290	A2	2015-05-28					
	WO 2015077290	A3	2015-06-06					
	CA2930828	AA	2015-05-15					
	AU 2014331100	AA	2015-05-02					
	KR 20160078502	A	2016-07-04					
	EP 3071698	A2	2016-09-29					
	EP 3071698	A4	2017-01-24					
	EP 3071698	B1	2019-09-04					
	EP 3064543	T1	2020-02-05					
	JP 202002033	A	2020-04-23					
	HK 2229380	A1	2017-11-17					
	DK 3071698	T3	2019-11-18					
ES 2754498	T3	2020-04-17						
3 RNA GUIDED TRANSCRIPTIONAL REGULATION	US 2014356959	A	2014-12-04		Source: US2014356959 Methods of modulating expression of a target nucleic acid in a cell are provided including introducing into the cell a first foreign nucleic acid encoding one or more RNAi complementary to DNA, wherein the DNA includes the target nucleic acid, introducing into the cell a second foreign nucleic acid encoding a nuclease-null Cas9 protein that binds to the DNA and is guided by the [CONT.]	PRESIDENT AND FELLOWS OF HARVARD COLLEGE	US10640798B	ALIVE
	US 2014356959	B	2016-05-23					
	US 2014356959	B	2016-05-23					
	US 2016227456	A	2016-08-18					
	US 2020024618	A	2020-01-29					
	US 10640798	B	2020-05-05					
	US 1078784	B2	2020-09-08					
	US 2020029732	A	2020-09-24					
	WO 2014356959	A2	2014-12-11					
	WO 2014356959	A3	2015-01-15					
	CA2914638	AA	2015-10-24					
	AU 2014274939	AA	2016-01-07					
	AU 2014274939	BB	2020-03-19					
	US 2020029732	AA	2020-02-02					



Title	Patent Family			Patent Assignee	Abstract	Therapeutic Activity	Technology Focus
	Patent	Kind	Date				
1 Altering a target nucleic acid in a cell by introducing into the cell a first foreign nucleic acid encoding a guide RNA, a second foreign nucleic acid complementary to DNA, and a second foreign nucleic acid encoding a Cas9 protein	US 20150140654	A1	2015-05-21	HARVARD COLLEGE BYRNE S M CHURCH G M	Alteration of a target nucleic acid in a cell comprises introducing into the cell a first foreign nucleic acid encoding one or more guide RNA sequences complementary to DNA, where the DNA includes the target nucleic acid, introducing into the cell a second foreign nucleic acid encoding a Cas9 protein that binds to the DNA and is guided by the one or more guide RNA sequences, introducing into the cell a third foreign nucleic acid encoding an exogenous nucleic acid sequence to be included into the target nucleic acid sequence. [CONT.]	Antibacterial, Immunosuppressive, Antiinflammatory, No biological data given.	Preferred Bacteriophage. In the bacteriophage, the prokaryotic host cell is an antibiotic-resistant host cell and the target DNA sequence is within a gene that confers resistance to the antibiotic. The prokaryotic host cell is of a species selected from Escherichia coli, Acinetobacter baumannii, Enterococcus faecalis, Enterococcus faecium, Pseudomonas aeruginosa, Staphylococcus aureus. [CONT.]
	WO 2015077290	A2	2015-05-28				
	WO 2015077290	A3	2015-06-06				
	CA 2930828	AA	2015-05-15				
	AU 2014351100	AA	2015-05-02				
	KR 20160078502	A	2016-07-04				
	EP 3071698	A2	2016-09-29				
	EP 3071698	A4	2017-01-24				
	EP 3071698	B1	2019-09-04				
	EP 3064543	T1	2020-02-05				
	JP 202002033	A	2020-04-23				
	ES 2754498	T3	2020-04-17				
	US 1078784	B2	2020-09-29				
	2 New bacteriophage comprises polynucleotide expressing RNA-directed DNA-binding polypeptide comprising nuclease module, and targeting module comprising guide RNA, for restricting growth of host cell, and for preparing antisense composition	US 2015033901	A1				
US 2015033901		A1	2015-12-10				
3 Modulating expression of a target nucleic acid in a cell comprising providing to the cell a guide RNA complementary to the target nucleic acid sequence including a repressor domain as a fusion protein, and providing to the cell a nuclease null Cas9 protein	US 20140356959	A1	2014-12-04	HARVARD COLLEGE CHURCH G M ESVELT K M MALI P G	Modulating expression of a target nucleic acid in a cell comprises providing to the cell a guide RNA complementary to the target nucleic acid sequence including a transcriptional activator or repressor domain as a fusion protein for modulating target nucleic acid expression in vivo, and the activator is attached to the 3' end of the 5' end of the guide RNA, where the guide RNA is a 5a-DNA-RNA fusion. [CONT.]	GQPAT Gold+ Proteins	US 9267135 US 20140356956 US 2020029732 A1
	US 9267135	B2	2016-05-23				

report.

Title	Pub No.	Kind	Pub Date	Status	Est Expiry	Patent Assignee	Inventor(s)	Abstract
1 RNA guided transcriptional regulation	US 9267135	B2	2016-02-23	ALIVE	2034-06-04	HARVARD COLLEGE	CHURCH GEORGE M MALI PRASHANT G ESVELT KEVIN M	(US9267135) Methods of modulating expression of a target nucleic acid in a cell are provided including introducing into the cell a first foreign nucleic acid encoding one or more RNAi complementary to DNA, wherein the DNA includes the target nucleic acid, introducing into the cell a second foreign nucleic acid encoding a nuclease-null Cas9 protein that binds to the DNA and is guided by the one or [CONT.]
	US 20140356959	A1	2014-12-04					
	US 10640798	B2	2020-05-05	ALIVE	2034-06-04			
	US 2016227456	A1	2016-08-18	ALIVE	2034-06-04			
	US 1078784	B2	2020-09-08	ALIVE	2034-06-04			
	US 2020024618	A1	2020-01-23	ALIVE				
	US 20140356956	A1	2014-12-04	ALIVE	2034-06-04			
	US 2020029732	A1	2020-09-24	ALIVE	2034-06-04			
	US 2020029732	A1	2020-09-24	ALIVE	2034-06-04			
	US 2020029732	A1	2020-09-24	ALIVE	2034-06-04			
2 Large gene excision and insertion	EP 3071698	B1	2019-09-04	ALIVE	2034-11-19	HARVARD COLLEGE	BYRNE SUSAN M CHURCH GEORGE M	(EP3071698) Methods of simultaneously excising large nucleic acid sequences from a target nucleic acid and inserting large foreign nucleic acid sequences into the target nucleic acid sequence using DNA binding protein nucleases are described.
	EP 3071698	A2	2016-09-29	ALIVE	2034-11-19			
	EP 3071698	A4	2017-01-25	ALIVE				
	EP 3064543	A1	2020-02-05	ALIVE	PENDING 2034-11-19			
	WO 2015077290	A2	2015-05-28	DEAD	LAPSED 2017-05-19			
	WO 2015077290	A3	2015-06-06					
	US 1078784	B2	2020-09-29	ALIVE	2034-06-04			
	US 2015014064	A1	2015-05-21					
	JP 2016537982	A	2016-10-28	ALIVE	PENDING 2034-11-19			
	JP 202002033	A	2020-04-23	ALIVE	PENDING 2034-11-19			
	DK 3071698	T3	2019-11-18	ALIVE	GRANTED 2034-11-19			
	ES 2754498	T3	2020-04-17	ALIVE	GRANTED 2034-11-19			
	CA 2930828	A1	2015-05-28	ALIVE	PENDING 2034-11-19			
	AU 2014351100	A1	2015-05-02	ALIVE	PENDING 2034-11-19			
KR 20160078502	A	2016-07-04	ALIVE	PENDING 2034-11-19				
3 Compositions and methods for targeted gene disruption in prokaryotes	WO 2015070193	A1	2015-05-14	DEAD	LAPSED 2017-05-11	ZYMERGEN	LIU OLIVER KIM JEFFREY	(WO2015070193) The present disclosure relates to engineered bacteriophage vector compositions comprising nucleic acids that express recombinant nucleases. Also provided are methods of using engineered bacteriophage vectors to effect genomic disruption or targeted gene disruption in prokaryotes. The disclosed compositions and methods are useful for reducing antibiotic resistance in bacteria cells.
	US 20150132293	A1	2015-05-14	DEAD	LAPSED 2016-10-11			
	US 2015033901	A1	2015-10-10	DEAD	LAPSED 2016-10-10			
	US 2015070193	A1	2015-05-14	DEAD	LAPSED 2016-10-11			



Number	Patent Assignee	Inventor(s)	Priority Information		Priority Date
			Number	Date	
6959 A1 B2	HARVARD COLLEGE CHURCH G M ESVELT K M MALI P G	CHURCH, George M. MALI, Prashant G. ESVELT, Kevin M.	US201383078P	2013-06-04	2013-06-04
			WO2014U540868A	2014-06-04	
			2013US-61830787	2013-06-04	
			2014US-14319289	2014-06-30	
			2014US-14319530	2014-06-30	
			2014WO-US40868	2014-06-04	
			2016US-15049451	2016-02-22	
			2019US-16441209	2019-06-14	
			2020US-16851360	2020-04-17	
			2020US-202029732 A1	2020-09-24	
6959 956 959	HARVARD UNIVERSITY	Church George M. MALI Prashant G. Esvelt Kevin M.	US201361830787	2013-06-04	2013-06-04
			US2014040868	2014-06-04	
			US201414319289	2014-06-30	
			US201361830787	2013-06-04	
			US2014040868	2014-06-04	
			US201414319530	2014-06-30	
			US201361830787	2013-06-04	
			US2014040868	2014-06-04	
			US201414319530	2014-06-30	
			US201414319530	2014-06-30	
664 A 4 B	HARVARD COLLEGE PRESIDENT AND FELLOWS OF HARVARD COLLEGE	BYRNE SUSAN M CHURCH GEORGE M SUSAN M CHURCH GEORGE M BYRNE	US20130906188P	2013-11-19	2013-11-19
			WO2014U566324	2014-11-19	
			EP20140864325	2014-11-19	
			JP20160532531T	2014-11-19	
6959 956 959	HARVARD COLLEGE; President and Fellows of Harvard College	Church George M. MALI Prashant G. Esvelt Kevin M.	US201361830787	2013-06-04	2013-06-04
			US2014040868	2014-06-04	
			US201414319530	2014-06-30	
			US201414319530	2014-06-30	
664 A 4 B	HARVARD COLLEGE PRESIDENT AND FELLOWS OF HARVARD COLLEGE	BYRNE SUSAN M CHURCH GEORGE M SUSAN M CHURCH GEORGE M BYRNE	US20130906188P	2013-11-19	2013-11-19
			WO2014U566324	2014-11-19	
			EP20140864325	2014-11-19	
			JP20160532531T	2014-11-19	
			US20130906188P	2013-11-19	
			WO2014U566324	2014-11-19	
			EP20140864325	2014-11-19	
			JP20160532531T	2014-11-19	
			US20130906188P	2013-11-19	
			WO2014U566324	2014-11-19	
6959 956 959	HARVARD COLLEGE; President and Fellows of Harvard College	Church George M. MALI Prashant G. Esvelt Kevin M.	US201361830787	2013-06-04	2013-06-04
			US2014040868	2014-06-04	
			US201414319530	2014-06-30	
			US201361830787	2013-06-04	
			US2014040868	2014-06-04	
664 A 4 B	HARVARD COLLEGE PRESIDENT AND FELLOWS OF HARVARD COLLEGE	BYRNE SUSAN M CHURCH GEORGE M SUSAN M CHURCH GEORGE M BYRNE	US20130906188P	2013-11-19	2013-11-19
			WO2014U566324	2014-11-19	
			EP20140864325	2014-11-19	
			JP20160532531T	2014-11-19	
			US20130906188P	2013-11-19	
			WO2014U566324	2014-11-19	
			EP20140864325	2014-11-19	
			JP20160532531T	2014-11-19	
			US20130906188P	2013-11-19	
			WO2014U566324	2014-11-19	

the 5' end of the guide RNA, wherein the guide RNA is a tracrRNA-crRNA fusion. [CONT.]

Related records are identified automatically...

	Title	Database	Common Family	Patent Family			State	Patent Assignee
				Patent	Kind	Date		
1	New bacteriophage comprises polynucleotide expressing RNA-directed DNA-binding polypeptide comprising nuclease module, and targeting module comprising guide RNA, for restricting growth of host cell, and for preparing antiseptic composition	Derwent Innovation + DWPI	WO 2015070193	US 20150353901	A1	2015-12-10		RADIANT GENOMICS INC
2	New bacteriophage comprising polynucleotide that expresses RNA-directed DNA-binding polypeptide and targeting module comprising guide RNA, used e.g. for treating autoimmune and inflammatory disease, and disease caused by bacterial infection	Derwent Innovation + DWPI	WO 2015070193	US 20150132263 WO 2015070193	A1 A1	2015-05-14 2015-05-14		KIM J LIU O RADIANT GENOMICS INC
3	Compositions and methods for targeted gene disruption in prokaryotes	FAMPAT	WO 2015070193	WO 201570193 US 20150132263 US 20150353901	A1 A1 A1	2015-05-14 2015-05-14 2015-12-10	DEAD	ZYMERGEN
4	Compositions and Methods for Targeted Gene Disruption in Prokaryotes	GQPAT Gold+ Proteins	WO 2015070193	US20150353901 US20150132263 WO2015070193		20151210		RADIANT GENOMICS, INC.
5	COMPOSITIONS AND METHODS FOR TARGETED GENE DISRUPTION IN PROKARYOTES	GQPAT Gold+ Proteins	WO 2015070193	US20150132263 US20150353901 WO2015070193		20150514		RADIANT GENOMICS; RADIANT GENOMICS INC
6	COMPOSITIONS AND METHODS FOR TARGETED GENE DISRUPTION IN PROKARYOTES	PatBase	WO 2015070193	WO 2015070193 US 2015132263 US 2015353901	A1 A A	2015-05-14 2015-05-14 2015-12-10	DEAD	KIM JEFFREY LIU OLIVER RADIANT GENOMICS INC

Common Patent Family tool assigns a Common Family number to related publications.

Further integrate your data...

	Title	Database	Patent Family			Probable Assignee	FTO Family with Expiry						Sequence Locations				
			Patent	Kind	Date		Pub No.	Kind	Pub Date	State	Status	Est Expiry	Seq. ID #	% Identity	Length	Location	
1 a	COMPOSITIONS AND METHODS FOR TARGETED GENE DISRUPTION IN PROKARYOTES	PatBase	WO 2015070193 US 2015132263 US 2015353901	A1 A A	2015-05-14 2015-05-14 2015-12-10	RADIANT GENOMICS INC											
1 b	Compositions and methods for targeted gene disruption in prokaryotes	FAMPAT	WO 201570193 US 20150132263 US 20150353901	A1 A1 A1	2015-05-14 2015-05-14 2015-12-10	ZYMERGEN	WO 201570193 US 20150132263 US 20150353901	A1 A1 A1	2015-05-14 2015-05-14 2015-12-10	DEAD DEAD DEAD	LAPSED LAPSED LAPSED	2017-05-11 2016-10-11 2016-10-03					
1 c	Compositions and Methods for Targeted Gene Disruption in Prokaryotes	GQPAT Gold+ Proteins	US20150353901 US20150132263 WO2015070193		20151210								US20150353901-0002	100.00	1368	claim: 19; 20	
1 d	COMPOSITIONS AND METHODS FOR TARGETED GENE DISRUPTION IN PROKARYOTES	GQPAT Gold+ Proteins	US20150132263 US20150353901 WO2015070193		20150514								US20150132263-0002	100.00	1368	claim: 19; 20	
1 e	New bacteriophage comprises polynucleotide expressing RNA-directed DNA-binding polypeptide comprising nuclease module, and targeting module comprising guide RNA, for restricting growth of host cell, and for preparing antiseptic composition	Derwent Innovation + DWPI	US 20150353901	A1	2015-12-10												
1 f	New bacteriophage comprising polynucleotide that expresses RNA-directed DNA-binding polypeptide and targeting module comprising guide RNA, used e.g. for treating autoimmune and inflammatory disease, and disease caused by bacterial infection	Derwent Innovation + DWPI	US 20150132263 WO 2015070193	A1 A1	2015-05-14 2015-05-14												

Use the Reference Rows tool to select key data for each set of related records, based on your rules and selections.

And create a single integrated row...

Title	Database	Patent Family			Probable Assignee	FTO Family with Expiry						Sequence Locations					
		Patent	Kind	Date		Pub No.	Kind	Pub Date	State	Status	Est Expiry	Seq. ID #	% Identity	Length	Location		
1. New bacteriophage comprises polynucleotide expressing RNA-directed DNA-binding polypeptide comprising nuclease module, and targeting module comprising guide RNA, for restricting growth of host cell, and for preparing antiseptic composition	1a Patbase link	WO 2015070193	A1	2015-05-14	RADIANT GENOMICS INC	WO 2015070193	A1	2015-05-14	DEAD	LAPSED	2017-05-11	US20150353901-0002	100.00	1368	claim: 19; 20	1c	
	1b FAMPAT link	US 2015132263	A	2015-12-10		US 2015132263	A	2015-05-14	DEAD	LAPSED	2016-10-11	US20150132263-0002	100.00	1368	claim: 19; 20	1d	
	1c GPATPRT link	US 2015353901	A	2015-12-10		US 2015353901	A	2015-12-10	DEAD	LAPSED	2016-10-03						
	1d GPATPRT link																
	1e Innov link						WO 2015070193	A1	2015-05-14	DEAD	LAPSED	2017-05-11					
	1f Innov link						US 20150132263	A1	2015-05-14	DEAD	LAPSED	2016-10-11					
						US 20150353901	A1	2015-12-10	DEAD	LAPSED	2016-10-03						
	1e Innov		1a Patbase		1a Patbase												
2. Modulating expression of a target nucleic acid comprises providing to the cell a guide RNA including a transcriptional	2a Patbase link	US 9267135	B2	2016-02-23	PRESIDENT AND FELLOWS OF HARVARD COLLEGE	US 9267135	B2	2016-02-23	ALIVE	GRANTED	2034-06-04	US20160237456-0001	100.00	1368	probable disclosure (not found by automated parsing)	2c	
	2b FAMPAT link	US 20140356959	A1	2014-12-04		US 20140356959	A1	2014-12-04	ALIVE	GRANTED	2034-06-04	US20140356959-0001	100.00	1368	probable disclosure (not found by automated parsing)	2d	
	2c GPATPRT link	US 10640789	B2	2020-05-05		US 10640789	B2	2020-05-05	ALIVE	GRANTED	2034-06-04	US9267135-0001	100.00	1368	probable disclosure (not found by automated parsing)	2e	
	2d GPATPRT link	US 20160237456	A1	2016-08-18		US 20160237456	A1	2016-08-18	ALIVE	GRANTED	2034-06-04	US20140356956-0001	100.00	1368	probable disclosure (not found by automated parsing)	2f	
	2e Innov link	0767194	B2	2020-09-08		US 10767194	B2	2020-09-08	ALIVE	GRANTED	2034-06-04	US20200024618-0001	100.00	1368	probable disclosure (not found by automated parsing)	2g	
	2f Innov link	0200024618	A1	2020-01-23		US 20200024618	A1	2020-01-23	ALIVE	PENDING	2034-06-04	US20140356956-0001	100.00	1368	probable disclosure (not found by automated parsing)	2h	
	2g Innov link	0140356956	A1	2014-12-04		US 20140356956	A1	2014-12-04	ALIVE	PENDING	2034-06-04	US202000299732-0001	100.00	1368	probable disclosure (not found by automated parsing)	2i	
	2h Innov link	0200299732	A1	2020-09-24		US 20200299732	A1	2020-09-24	ALIVE	PENDING	2034-06-04	US20200024618-0001	100.00	1368	probable disclosure (not found by automated parsing)	2j	
	2i Innov link																
	2j Innov link																
	2h Innov		2b FAMPAT		2a Patbase												
3. Altering a target nucleic acid in a cell by introducing into the cell a first foreign nucleic acid encoding guide RNA sequences complementary to DNA, and introducing into the cell a second foreign nucleic acid encoding a Cas9 protein	3a Patbase link	US 2015140664	A	2015-05-21	PRESIDENT AND FELLOWS OF HARVARD COLLEGE	EP 3071698	B1	2019-09-04				AU2014353100-0001	100.00	1368	probable disclosure (not found by automated parsing)	3c	
	3b FAMPAT link	US 10787684	B	2020-09-29		EP 3071698	A2	2016-09-28	ALIVE	GRANTED	2034-11-19	EP3071698-0001	100.00	1368	probable disclosure (not found by automated parsing)	3d	
	3c GPATPRT link	WO 2015077290	A2	2015-05-28		EP 3071698	A4	2017-06-28	ALIVE	PENDING	2034-11-19	JP2016537982-0001	100.00	1368	probable disclosure (not found by automated parsing)	3e	
	3d GPATPRT link	WO 2015077290	A3	2015-08-06		EP 3604543	A1	2020-02-05	ALIVE	PENDING	2034-11-19	CA2930828-0001	100.00	1368	probable disclosure (not found by automated parsing)	3f	
	3e GPATPRT link	CA 2930828	AA	2016-05-16		WO 201577290	A2	2015-05-28	DEAD	LAPSED	2017-05-19	CA2930828-0001	100.00	1368	probable disclosure (not found by automated parsing)	3g	
	3f GPATPRT link	AU 2014353100	AA	2016-06-02		WO 201577290	A3	2015-08-06	ALIVE	PENDING	2034-11-19	EP3071698-0001	100.00	1368	probable disclosure (not found by automated parsing)	3h	
	3g GPATPRT link	KR 20160078502	A	2016-07-04		US 10787684	B2	2020-09-29	ALIVE	GRANTED	2034-06-30	EP3604543-0001	100.00	1368	probable disclosure (not found by automated parsing)	3i	
	3h GPATPRT link	EP 3071698	A2	2016-09-28		US 20150140664	A1	2015-05-21	ALIVE	PENDING	2034-11-19	US20150140664-0001	100.00	1368	probable disclosure (not found by automated parsing)	3j	
	3i GPATPRT link	EP 3071698	A4	2017-06-28		JP 2016537982	A	2016-12-08	ALIVE	PENDING	2034-11-19	KR1020160078502-0001	100.00	1368	probable disclosure (not found by automated parsing)	3k	
	3j GPATPRT link	EP 3604543	A1	2020-02-05		DK 3071698T	T3	2019-11-18	ALIVE	GRANTED	2034-11-19	WO2015077290-0001	100.00	1368	probable disclosure (not found by automated parsing)	3l	
	3k Innov link	JP 2016537982	T2	2016-12-08		ES 2754498	T3	2020-04-17	ALIVE	GRANTED	2034-11-19						
							CA 2930828	A1	2015-05-28	ALIVE	PENDING	2034-11-19					
							AU 2014353100	A1	2016-06-02	ALIVE	PENDING	2034-11-19					
							KR 20160078502	A	2016-07-04	ALIVE	PENDING	2034-11-19					
							ES 2754498	T3	2020-04-17	ALIVE	PENDING	2034-11-19					
	3k Innov		3a Patbase		3a Patbase												

...for each family in

US20150353901-0002	100.00	1368	claim: 19; 20
US20150132263-0002	100.00	1368	claim: 19; 20

See what is new and changed in updated reports...

	Title	FTO Family				Patent Assignee	Inventor(s)	Abstract
		Pub No.	Kind	Pub Date	Status			
1	Methods and compositions for sequences guiding cas9 targeting	W O2015112896	A2	2015-07-30		NORTH CAROLINA STATE UNIVERSITY	BARRANGOU RODOLPHE SELLE KURT M BRINER ALEXANDRAE	(WO2015112896) The present invention is directed to methods and compositions for genome editing and DNA targeting of proteins.
		W O2015112896	A3	2015-10-29				
		W O2015112896	A9	2015-11-26				
2	Rna modification to engineer cas9 activity	W O2015200555	A2	2015-12-30		CARIBOU BIOSCIENCES	MAY ANDREW PAUL DONOHOUE PAUL NYE CHRISTOPHER SLORACH EUAN HAURWITZ RACHEL	(WO2015200555) The disclosure provides for compositions, methods and kits, for reducing off-target effects of genome engineering. In one aspect, a composition is provided comprising an engineered nucleoprotein complex. [CONT.]
		W O2015200555	A3	2016-03-10				
3	Crispr-cas-related methods, compositions and components for cancer immunotherapy	W O2015161276	A2	2015-10-22		EDITAS MEDICINE	WELSTEAD G GRANT FRIEDLAND ARI E MAEDER MORGAN L BUMCROT DAVID A	(WO2015161276) CRISPR/Cas-related composition and methods for treatment of cancer, in particular by using gRNA molecules comprising a targeting domain which is complementary with a target domain from the FAS, BID, CTLA4, PDCC1, CBLB, PTPN6, TRAC or TRBC gene. In some embodiments, gRNAs are used with Cas9 enzymes to cause a cleavage event in said genes within engineered chimeric antigen receptor (CAR) T cells. [CONT.]
		W O2015161276	A3	2015-12-10				
4	Crisprcas-related methods and compositions for treating cystic fibrosis	W O2015157070	A2	2015-10-15		EDITAS MEDICINE	REYON DEEPAK MAEDER MORGAN L FRIEDLAND ARI E WELSTEAD G GRANT BUMCROT DAVID A	(WO2015157070) CRISPR/CAS-related compositions and methods for treatment of Cystic Fibrosis (CF).
		W O2015157070	A3	2015-12-30				

Update your existing report...

New records and changes in updated records are highlighted.

	Title	Row Status	Patent Assignee	FTO Family				Inventor(s)	New Publications
				Pub No.	Kind	Pub Date	Status		
1	Method for producing genome-edited plants using plant virus vectors	Added	NATIONAL AGRICULTURE & FOOD RESEARCH ORGANIZATION	WO 2018151155	A1	2018-08-23	LAPSED	ISHIBASHI Kazuhiro ARIGA Hirotaka TOKI Seiichi KAYA Hidetaka	WO 2018151155 A1
				US 20190359993	A1	2019-11-28	PENDING		US 20190359993 A1
				JP 2018151155W	A1	2019-12-12	PENDING		JP 2018151155
2	Dna writers, molecular recorders and uses thereof	Added	MIT - MASSACHUSETTS INSTITUTE OF TECHNOLOGY US NAVY	WO 2018152197	A1	2018-08-23	LAPSED	FARZADFARD FAHIM LU TIMOTHY	WO 2018152197 A1
				US 20200063127	A1	2020-02-27	PENDING		US 20200063127 A1
3	RNA-guided transcriptional regulation	Added	HARVARD COLLEGE	US 9267135	B2	2016-02-23	GRANTED	CHURCH GEORGE M MALI PRASHANT G ESVELT KEVIN M	US 9267135 B2
				US 20140356959	A1	2014-12-04			US 20140356959 A1
				US 10640789	B2	2020-05-05	GRANTED		US 10640789 B2
				US 20160237456	A1	2016-08-18			US 20160237456 A1
				US 10767194	B2	2020-09-08	GRANTED		US 10767194 B2
4	Compositions and methods for targeted gene disruption in prokaryotes	Updated	ZYMERGEN	WO 201570193	A1	2015-05-14	LAPSED	LIU OLIVER KIM JEFFREY	
				US 20150132263	A1	2015-05-14	LAPSED		
				US 20150353901	A1	2015-12-10	LAPSED		
5	Large gene excision and insertion	Updated	HARVARD COLLEGE	EP 3071698	B1	2019-09-04		BYRNE SUSAN M CHURCH GEORGE M	EP 3071698 B1
				EP 3071698	A2	2016-09-28	GRANTED		EP 3071698 A2
				EP 3071698	A4	2017-06-28			EP 3071698 A4
				EP 3604543	A1	2020-02-05	PENDING		EP 3604543 A1
				WO 201577290	A2	2015-05-28	LAPSED		US 10787684 B2
				WO 201577290	A3	2015-08-06			JP 2016537982 A
				US 10787684	B2	2020-09-29	GRANTED		JP 2020062033 A
				US 20150140664	A1	2015-05-21			DK 3071698
				JP 2016537982	A	2016-12-08	PENDING		ES 2754498
				JP 2020062033	A	2020-04-23	PENDING		CA 2930828 A1
				DK 3071698T	T3	2019-11-18	GRANTED		AU 2014353100 A1
				ES 2754498	T3	2020-04-17	GRANTED		KR 20160078502 A
				CA 2930828	A1	2015-05-28	PENDING		
				AU 2014353100	A1	2016-06-02	PENDING		
				KR 20160078502	A	2016-07-04	PENDING		

...with new data.

	Title	Patent Assignee	FTO Family				Inventor(s)	International Patent Class
			Pub No.	Kind	Pub Date	Status		
1	RNA-guided transcriptional regulation	HARVARD COLLEGE	US 9267135	B2	2016-02-23	GRANTED	CHURCH GEORGE M MALI PRASHANT G ESVELT KEVIN M	C12N-009/22
			US 20140356959	A1	2014-12-04			C12N-015/01
			US 10640789	B2	2020-05-05	GRANTED		C12N-015/10
			US 20160237456	A1	2016-08-18			C12N-015/11
			US 10767194	B2	2020-09-08	GRANTED		C12N-015/113
			US 20200024618	A1	2020-01-23			C12N-015/115
			US 20140356956	A1	2014-12-04	PENDING		C12N-015/63
			US 20200299732	A1	2020-09-24	PENDING		C12N-015/66
								C12N-015/85
								C12N-015/87
2	Dna writers, molecular recorders and uses thereof	MIT - MASSACHUSETTS INSTITUTE OF TECHNOLOGY US NAVY	WO 2018152197	A1	2018-08-23	LAPSED	FARZADFARD FAHIM LU TIMOTHY	C12N-009/22
			US 20200063127	A1	2020-02-27	PENDING		C12N-009/78
3	Method for producing genome-edited plants using plant virus vectors	NATIONAL AGRICULTURE & FOOD RESEARCH ORGANIZATION	WO 2018151155	A1	2018-08-23	LAPSED	ISHIBASHI Kazuhiro ARIGA Hirotaka TOKI Seiichi KAYA Hidetaka	A01H-001/00
			US 20190359993	A1	2019-11-28	PENDING		C12N-005/10
			JP 2018151155W	A1	2019-12-12	PENDING		C12N-005/14
4	Large gene excision and insertion	HARVARD COLLEGE	EP 3071698	B1	2019-09-04		BYRNE SUSAN M CHURCH GEORGE M	A61K-038/43
			EP 3071698	A2	2016-09-28	GRANTED		C07H-021/02
			EP 3071698	A4	2017-06-28			C07H-021/04
			EP 3604543	A1	2020-02-05	PENDING		C12N-009/14
			WO 201577290	A2	2015-05-28	LAPSED		C12N-009/22
			WO 201577290	A3	2015-08-06			C12N-009/52
			US 10787684	B2	2020-09-29	GRANTED		C12N-015/00
			US 20150140664	A1	2015-05-21			C12N-015/09
			JP 2016537982	A	2016-12-08	PENDING		C12N-015/10
			JP 2020062033	A	2020-04-23	PENDING		C12N-015/63
			DK 3071698T	T3	2019-11-18	GRANTED		C12N-015/64
			ES 2754498	T3	2020-04-17	GRANTED		C12N-015/90
			CA 2930828	A1	2015-05-28	PENDING		C12Q-001/68
			AU 2014353100	A1	2016-06-02	PENDING		
			KR 20160078502	A	2016-07-04	PENDING		

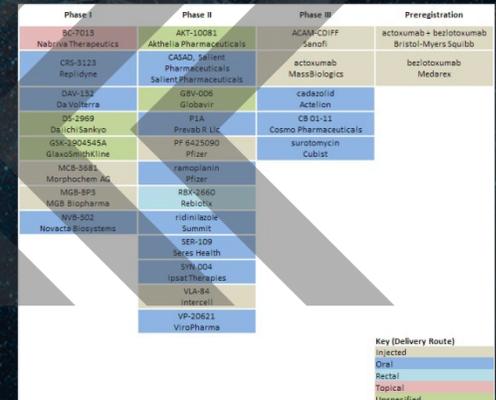
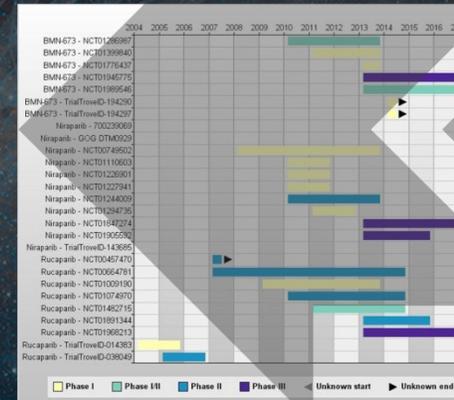
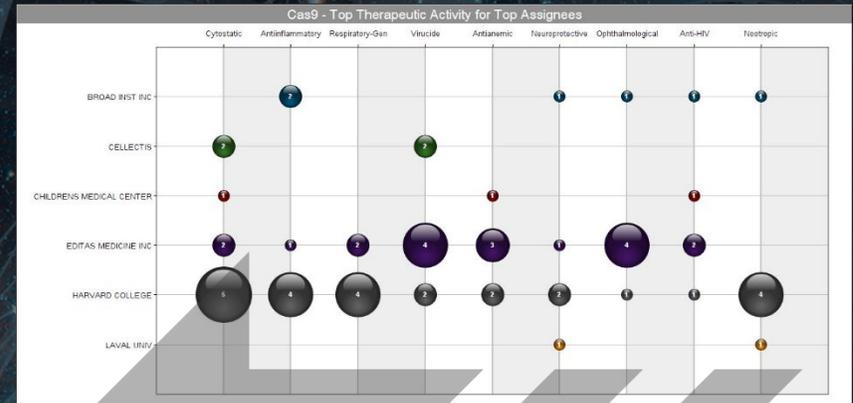
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Title	Patent Family			Probable Assignee	Derwent Class	Therapeutic Activity
	Patent	Kind	Date			
1. CRISPR/CAS-RELATED METHODS AND COMPOSITIONS FOR TREATING HERPES SIMPLEX VIRUS TYPE 1 (HSV-1)	WO 15153789	A1	2015-10-08	EDITAS MEDICINE INC	B04 D16	Virucide
	1.1 GPATPR	1.6 Patbase	1.6 Patbase	1.7 DWPI	1.7 DWPI	
2. DELIVERY, USE AND THERAPEUTIC APPLICATIONS OF THE CRISPR/CAS SYSTEMS AND COMPOSITIONS FOR HIV AND VIRAL DISEASES AND DISORDERS	WO 15089465	A1	2015-06-18	UNIV ROCKEFELLER	A99 B04 D16	Virucide. No biological data given.
	2.1 GPATPR	2.2 Patbase	2.2 Patbase	2.3 DWPI	2.3 DWPI	
3. CONFERRING RESISTANCE TO GEMINIVIRUSES IN PLANTS USING CRISPR/CAS SYSTEMS	WO 15048707	A2	2015-04-02	UNIV MINNESOTA	A97 C06 D16, P13	Plant Protectant. No biological data given.
	3.1 GPATPR	3.2 Patbase	3.2 Patbase	3.3 DWPI	3.3 DWPI	
4. A SOYBEAN U6 POLYMERASE III PROMOTER AND METHODS OF USE	US 2015059010	A	2015-02-26	PIONEER HI BRED INT INC	C06 D16	Plant Protectant.
	4.1 GPATPR	4.2 Patbase	4.2 Patbase	4.3 DWPI	4.3 DWPI	

Title	Patent Family			Probable Assignee	Derwent Class	Therapeutic Activity	Application Category (VP-SCE)
	Patent	Kind	Date				
1. CRISPR/CAS-RELATED METHODS AND COMPOSITIONS FOR TREATING HERPES SIMPLEX VIRUS TYPE 1 (HSV-1)	WO 15153789	A1	2015-10-08	EDITAS MEDICINE INC	B04 D16	Virucide	Virucide
	1.1 GPATPR	1.6 Patbase	1.6 Patbase	1.7 DWPI	1.7 DWPI	1.5 GPATPR	
2. DELIVERY, USE AND THERAPEUTIC APPLICATIONS OF THE CRISPR/CAS SYSTEMS AND COMPOSITIONS FOR HIV AND VIRAL DISEASES AND DISORDERS	WO 15089465	A1	2015-06-18	UNIV ROCKEFELLER	A99 B04 D16	Virucide. No biological data given.	Virucide
	2.1 GPATPR	2.2 Patbase	2.2 Patbase	2.3 DWPI	2.3 DWPI	2.1 GPATPR	
3. CONFERRING RESISTANCE TO GEMINIVIRUSES IN PLANTS USING CRISPR/CAS SYSTEMS	WO 15048707	A2	2015-04-02	UNIV MINNESOTA	A97 C06 D16, P13	Plant Protectant. No biological data given.	Plant Protectant
	3.1 GPATPR	3.2 Patbase	3.2 Patbase	3.3 DWPI	3.3 DWPI	3.1 GPATPR	
4. A SOYBEAN U6 POLYMERASE III PROMOTER AND METHODS OF USE	US 2015059010	A	2015-02-26	PIONEER HI BRED INT INC	C06 D16	Plant Protectant.	Plant Protectant
	4.1 GPATPR	4.2 Patbase	4.2 Patbase	4.3 DWPI	4.3 DWPI	4.1 GPATPR	
5. CRISPR/CAS-RELATED METHODS AND COMPOSITIONS FOR TREATING PRIMARY OPEN ANGLE GLAUCOMA	WO 15153780	A1	2015-10-08	EDITAS MEDICINE INC	B04 D16	Ophthalmological. No biological data given.	Ophthalmological
	5.1 GPATPR	5.0 Patbase	5.0 Patbase	5.7 DWPI	5.7 DWPI	5.2 GPATPR	
6. CRISPR/CAS-RELATED METHODS AND COMPOSITIONS FOR TREATING LEBER'S CONGENITAL AMAUROSIS 10 (LCA10)	US 2015252358	A	2015-09-10	EDITAS MEDICINE INC	B04 D16	Ophthalmological. Test details are described but no results given.	Ophthalmological
	6.1 GPATPR	6.11 Patbase	6.11 Patbase	6.12 DWPI	6.12 DWPI	6.4 GPATPR	



Key (Delivery Route)
 Injected
 Oral
 Rectal
 Topical
 Unspecified

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Drug Name(s)	Database	Enhanced Title	Probable Assignee	Patent Family			Indications
				Patent	Kind	Date	
1. mRNA-1653	1a CortPat link	Vaccines comprising RNA polynucleotides encoding human metapneumovirus or human parainfluenza virus 3 F proteins co-formulated with lipids - useful in treating metapneumovirus and parainfluenza virus infections.	MODERNATX INC	WO 2018107088	A2	2018-06-14	Infection, metapneumovirus (MPV) Infection, parainfluenza virus
	1b CDDI link			WO 2018107088	A3	2018-07-12	
	1c Patbase link			EP 3551193	A2	2019-10-16	
				EP 3551193	A4	2020-08-19	
				US 2020069794	A	2020-03-05	
				HK 40016413	A1	2020-09-11	
1b CDDI		1a CortPat	1c Patbase	1c Patbase			1b CDDI

2. R-6717	2a CortPat link	Stabilized mRNA comprising at least one coding region encoding antigenic peptide derived from glycoprotein precursor or nucleoprotein of Lassa virus useful for treating Lassa virus.	CUREVAC AG	WO 2018115525	A1	2018-06-28	Lassa fever
	2b CDDI link			EP 3558354	A1	2019-10-30	
	2c Patbase link						
2b CDDI		2a CortPat					

Drug Name(s)	Enhanced Title	Probable Assignee	Patent Number	Indications
3. PR/8 HA-DVG	3a CortPat link 3b CDDI link 3c Patbase link	MODERNATX INC {1c Patbase}	WO 2018107088 A2 {1c Patbase}	Infection, metapneumovirus (MPV) Infection, parainfluenza virus {1b CDDI}
	3a CortPat			
3b CDDI	3a CortPat			

4. CV-9202	4a CortPat link 4b CDDI link 4c Patbase link	Stabilized mRNA comprising at least one coding region encoding antigenic peptide derived from glycoprotein precursor or nucleoprotein of Lassa virus useful for treating Lassa virus infection. {2a CortPat}	CUREVAC AG {2c Patbase}	Lassa fever
	4a CortPat			
4b CDDI	4a CortPat			

5. mRNA-1440 mRNA-1851	5a CortPat link 5b CDDI link 5c Patbase link	Nucleic acid encoding H7 formulated w influenza inf	HARVARD COLLEGE {3c Patbase}	In vitro-transcribed RNA molecule encoding an antigen polypeptide (influenza hemagglutinin) and an immunostimulatory RNA activating RIG-1 - useful for treating cancer or pathogenic infections. {3a CortPat}
	5a CortPat			
5b CDDI	5a CortPat			

6. EBOV mature GP (IgK-membrane bound)	6a CortPat link 6b CDDI link 6c Patbase link	Ebola virus (polynucleotide terminal cap EBOV infect)	CUREVAC AG {4c Patbase}	Compositions comprising at least one mRNA encoding a combination of antigens - useful for treating non-small cell lung cancer. {4a CortPat}
	6a CortPat			
6b CDDI	6a CortPat			

5. mRNA-1440 mRNA-1851	5a CortPat link	Nucleic acid vaccine containing an RNA polynucleotide encoding H7N9 and HA10 hemagglutinin antigens formulated within a lipid nanoparticle useful for treating influenza infections. {5a CortPat}	MODERNATX INC {5c Patbase}	Infection, influenza
	5b CDDI			
5b CDDI	5a CortPat			

6. EBOV mature GP (IgK-membrane bound)	6a CortPat link 6b CDDI link 6c Patbase link	Ebola virus (polynucleotide terminal cap EBOV infect)	CUREVAC AG {4c Patbase}	Compositions comprising at least one mRNA encoding a combination of antigens - useful for treating non-small cell lung cancer. {4a CortPat}
	6a CortPat			
6b CDDI	6a CortPat			

5. mRNA-1440 mRNA-1851	5a CortPat link	Nucleic acid vaccine containing an RNA polynucleotide encoding H7N9 and HA10 hemagglutinin antigens formulated within a lipid nanoparticle useful for treating influenza infections. {5a CortPat}	MODERNATX INC {5c Patbase}	Infection, influenza
	5b CDDI			
5b CDDI	5a CortPat			

6. EBOV mature GP (IgK-membrane bound)	6a CortPat link 6b CDDI link 6c Patbase link	Ebola virus (polynucleotide terminal cap EBOV infect)	CUREVAC AG {4c Patbase}	Compositions comprising at least one mRNA encoding a combination of antigens - useful for treating non-small cell lung cancer. {4a CortPat}
	6a CortPat			
6b CDDI	6a CortPat			

1. Title: **New aryl sulfoxide derivatives useful for controlling animal pests in crop protection, material protection and/or in veterinary sector**

Database: Derwent World Patents Index
[PatBase](#)

Use: (I) or the composition is useful for controlling animal pests in crop protection, material protection and/or in the veterinary sector (claimed).

Probable Assignee: BAYER CROSCIENCE AG

Patent Family:

Patent	Kind	Date
WO 2014202510	A1	2014-12-24
TW 201536739	A	2015-10-01

[WoWorldwide](#) | [Sources](#) | [WO 2014202510 A1](#) | [PatDocs Family Tree](#)

1. Title: **Method for reducing overall damage of plants caused by insects, mites, and phytopathogens comprises isolated gouggerotin (I) and at least one which is other than gouggerotin.**

Espacenet Patent search

WO2018107088A2

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1. >

☆ **WO2018107088A2 RESPIRATORY VIRUS NUCLEIC ACID VACCINES** Available in Patent Translate

Bibliographic data

Register Global Dossier

Applicants: MODERNATX INC [US] +

Inventors: CIARAMELLA GIUSEPPE [US]; HIMANSU SUNNY [US] +

Classifications

IPC: A61K31/7105;

CPC: A61K31/7105 (EP,US); A61K31/7115 (EP,US); A61K38/164 (EP,US); A61K39/12 (EP); A61K39/295 (EP,US); A61K47/26 (US); A61K9/0019 (EP); A61K9/0051 (US); A61K9/5146 (US); A61P31/14 (EP); A61P31/16 (EP); C12N15/86 (US);

Front-page drawing from WO2018107088A2

Cotton rat viral load - HMPV challenge

Y-axis: viral load (log scale) from 10¹ to 10⁷. X-axis: Groups 1-7. Legend: Nose (circle), Lung (square). Data points for PBS and FH-HMPV are shown.

damage of insects, mites, or its seed height. Test

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Chart Template Enhancements

Version 5.8.4 - 2024

New Chart Creation Workflow

- No longer asked for a chart template during chart creation.
- A default "Editor's Choice" chart template is applied to all new charts during import.
- New features for applying and managing chart templates, including in Reference Rows.

What are Chart Templates?

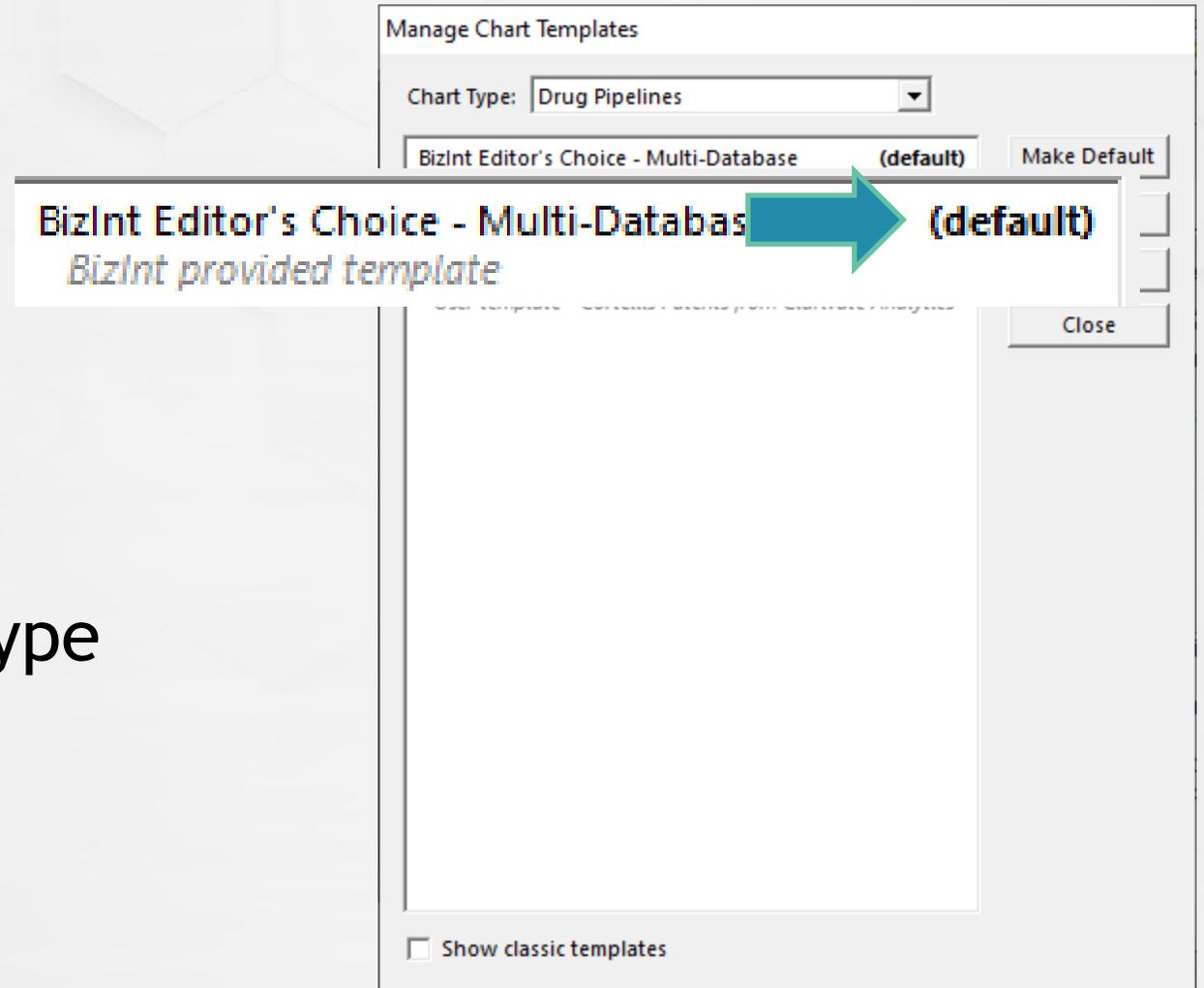
- Pre-defined selection of columns in a chart
- Includes column title, width, sort settings
- Also includes page setup (orientation, margins, etc)
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Why use Chart Templates?

- Quickly format your report the way you want
- Different templates for different clients, exports, etc.

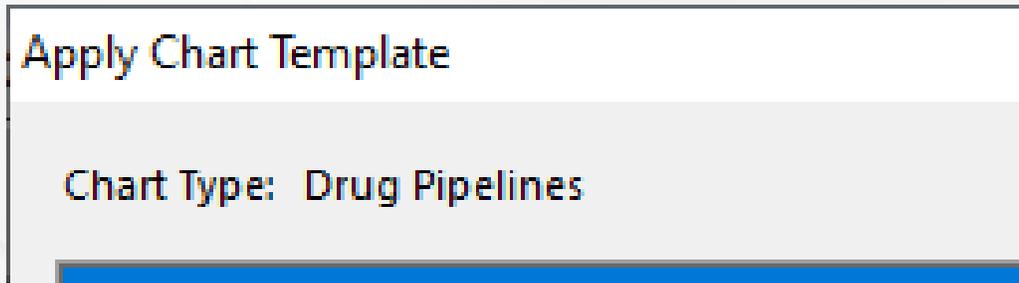
Default templates

- When you import data and create a chart, the default template is applied automatically
- Same template used when creating charts for a chart type

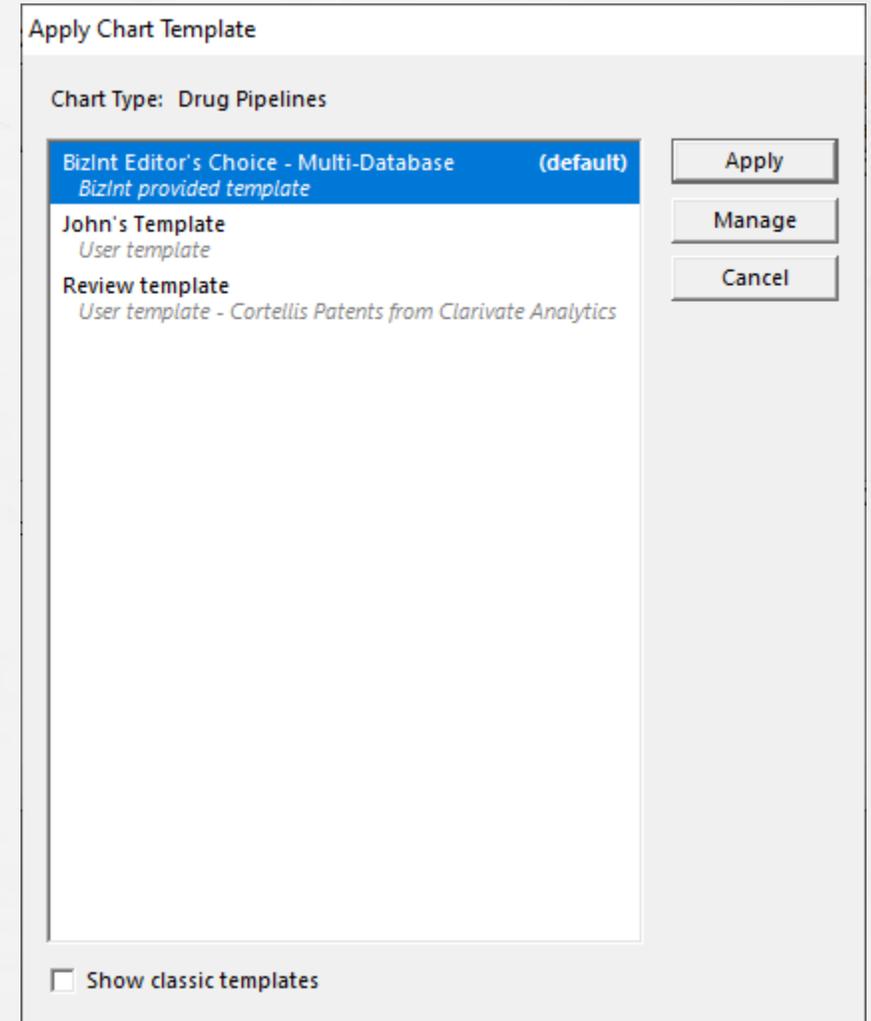


New dialog appearance

- The chart template dialogs have all been re-designed
- Identifies what type of chart this is

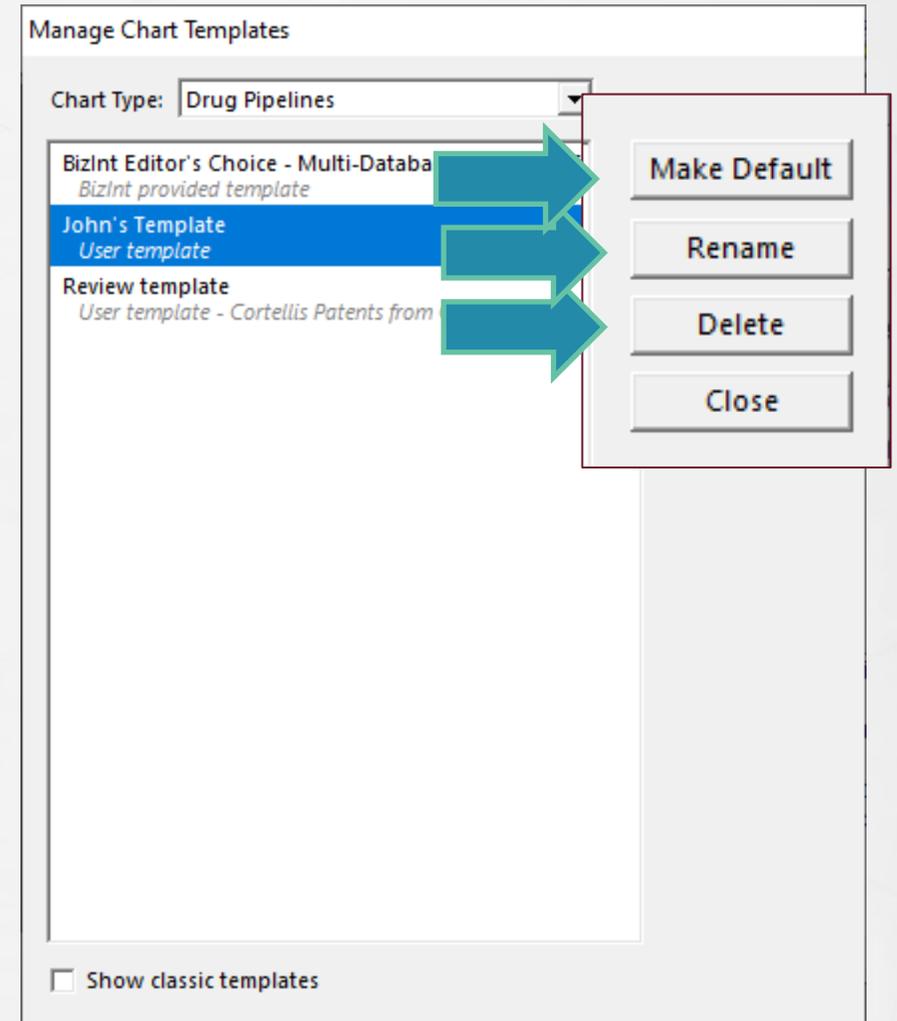


- List of dialogs contains more details



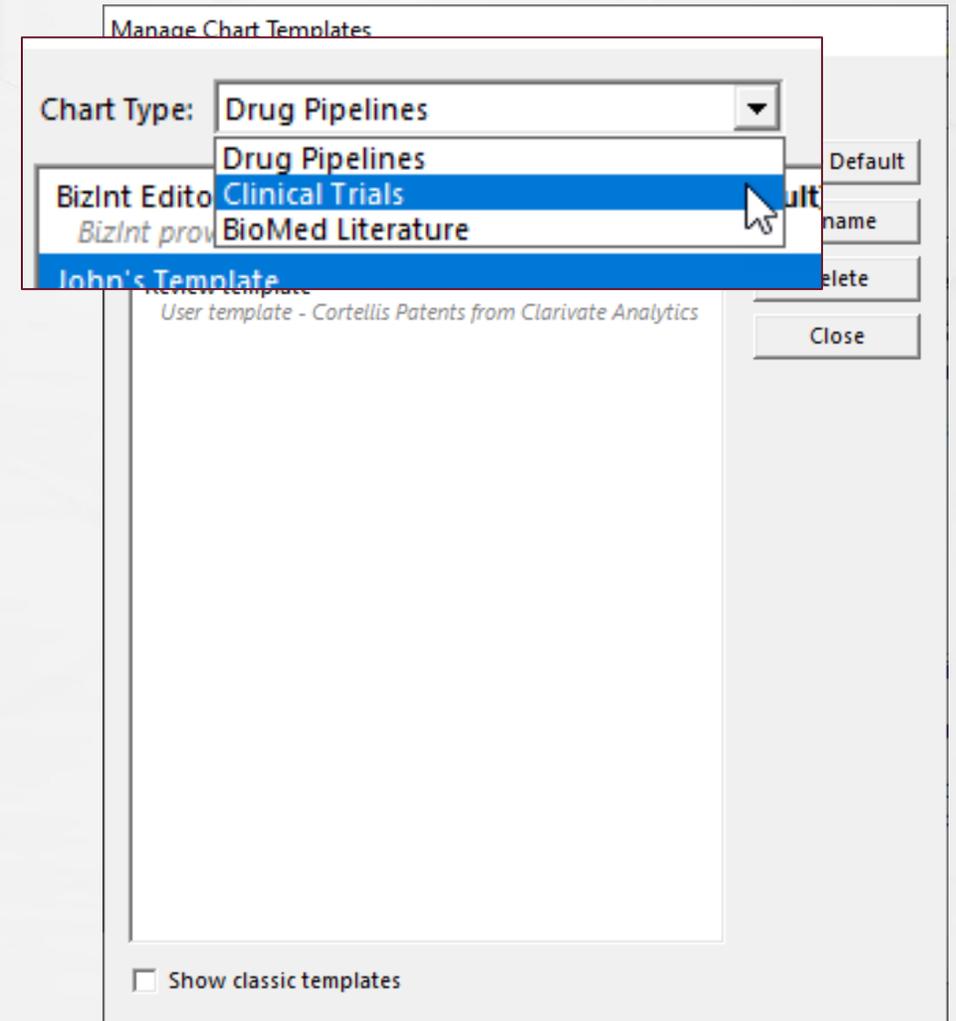
NEW Manage Templates command

- File menu or via Apply Template
- Rename a template*
- Delete a template*
- * user templates only
- Make a template the default template for that chart type



Manage Templates command

- Manage Templates starts with the chart type of the current chart
- You can select and manage templates for other types



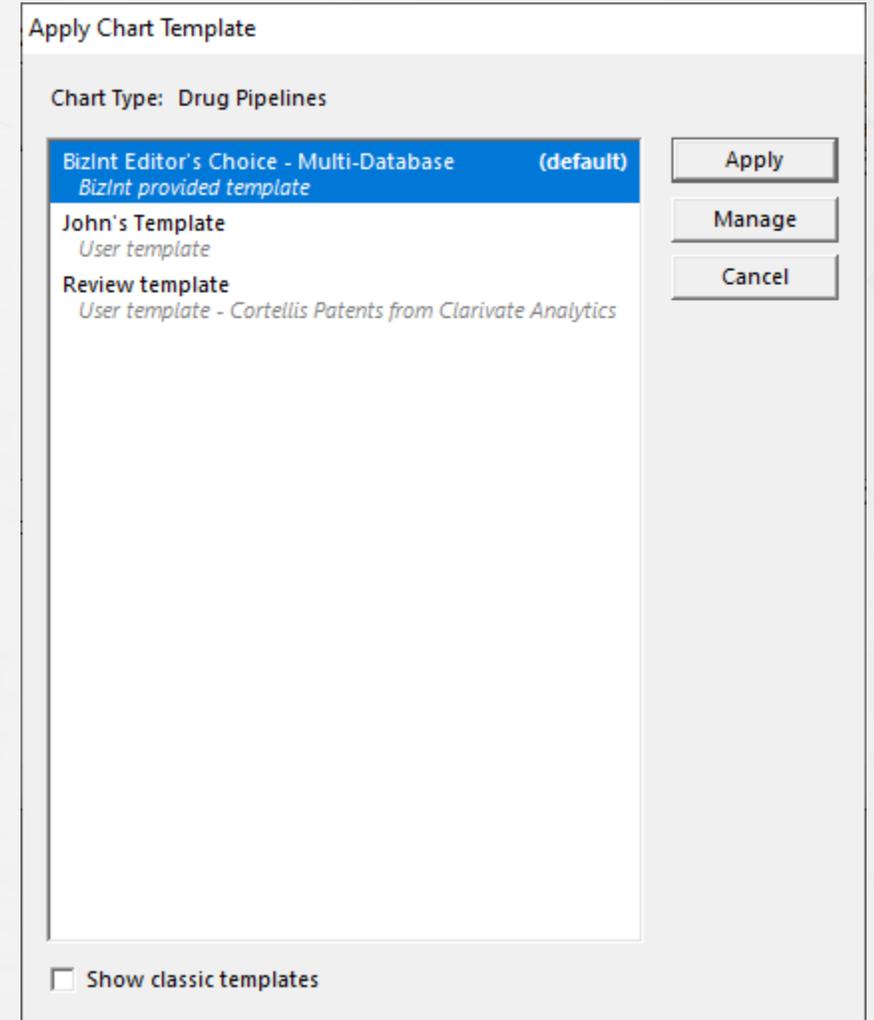
Long file names

- Chart template files now have long, descriptive file names
- Makes it easier to share files with your colleagues
- Find templates in `%appdata%\bizint\template`
- Older templates still have short file names

Name	Date modified	Type
 %CLIN.John_2s Favorite Template.ctt	3/2/2024 3:09 AM	CTT File
 %DRUJohn.ctt	5/29/2018 10:13 AM	CTT File
 %PATjame.ctt	6/7/2018 10:08 AM	CTT File

Use compatible templates

- You can apply any template for the same chart type to a chart
- Example: apply a chart template created from a combined chart to a chart from Cortellis
- Example: apply template from Cortellis to a chart from GlobalData



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Apply it to a chart and save as a new template



Apply Chart Template

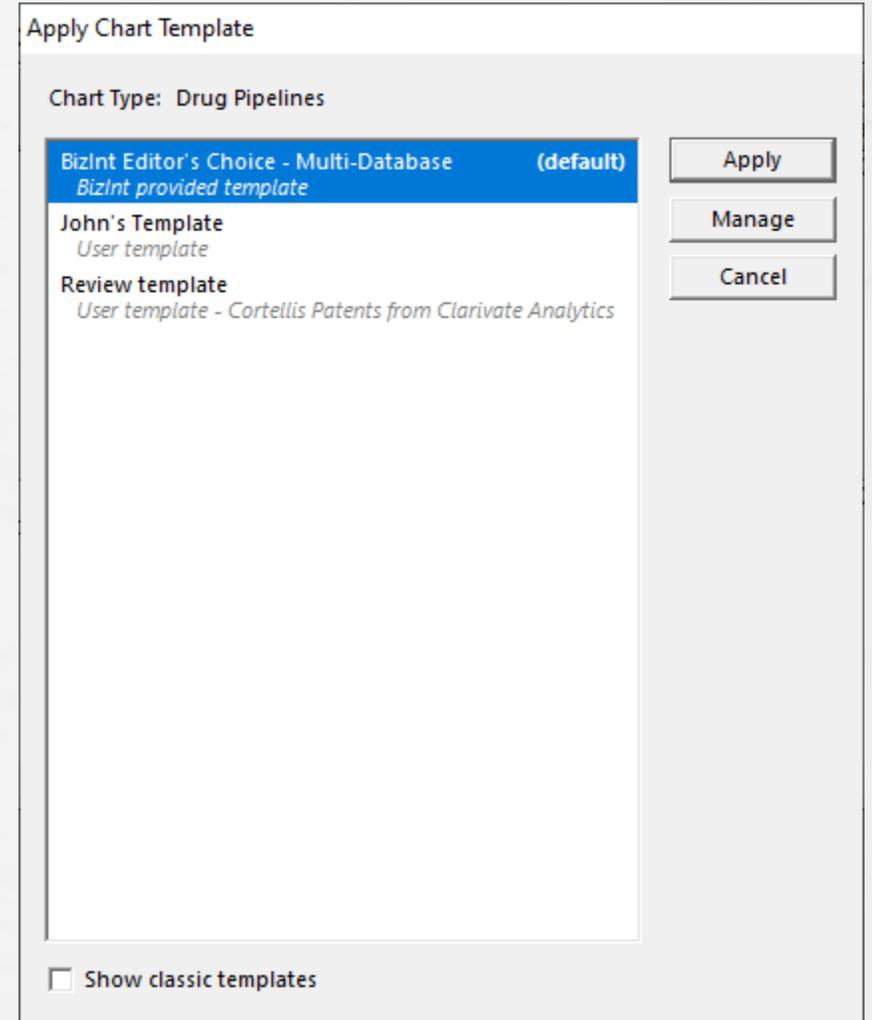
Chart Type: Drug Pipelines

Basic Information <i>BizInt provided template</i>	<input type="button" value="Apply"/>
BizInt Editor's Choice - Multi-Database (default) <i>BizInt provided template</i>	<input type="button" value="Manage"/>
Chemical Information <i>BizInt provided template</i>	<input type="button" value="Cancel"/>
Development History <i>BizInt provided template</i>	
Development Summary with Normalized Phase <i>BizInt provided template</i>	
Drug Names First <i>BizInt provided template</i>	
John's Template <i>User template</i>	
Key Attributes Chart <i>BizInt provided template - GlobalData Drugs</i>	
Latest Information <i>BizInt provided template</i>	
Review template <i>User template - Cortellis Patents from Clarivate Analytics</i>	

Show classic templates

Using compatible templates

- You don't have to design a template over and over again
- Some fields in a template might not be available in the chart
- If you have created templates in the past, you might want to remove some old copies



BizInt Smart Charts

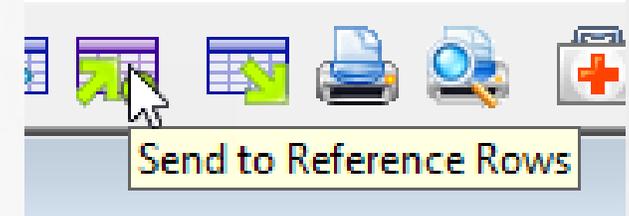
for Patents

Reference Rows Workflow

Version 5.6 - 2021

Reference Rows Workflow Improvements

- No wizard (go directly to the selection view)
- Chart does not need to be saved
- Chart can come from a single database



Combined: MCC Combined - March 2021

	Drug Name	Common Drug Name	Database	Developer	Highest Phase (Normalized)	Therapeutic Activity	Route of Admin	Update Date
1	ADUS-100	ADUS-100	GlobalData Drugs	Chinook Therapeutics Inc	Discontinued	L03AX Other immunostimulants	Intratumor Intravesical	2020-11-26
2	ALRN-6924	ALRN-6924	GlobalData Drugs	Aileron Therapeutics Inc	Phase 2	L01XX Other antineoplastic agents	Intravenous	2021-03-04
3 a	nogapendekin alfa	ALT 803	GlobalData Drugs	Altor Bioscience LLC	Phase 3	J05AR Antivirals for treatment of HIV infections, combinations L03AC Interleukins	Intraperitoneal Intravenous Intravesical Parenteral Subcutaneous	2021-03-25
3 b	Inbakicept - ImmunityBio	ALT 803	Adis R&D Insight	Altor BioScience Corporation (Originator) NantKwest (Originator)	Phase 2/3	J1X (Other Antibacterials) J5 (Antivirals for Systemic Use) L1X (All Other Antineoplastics) L1X9 (All other antineoplastics) L3A (Immunostimulating Agents Excluding Interferons)	Intraperitoneal Intravesicular IV Parenteral SC	2021-03-11
	ALT 803	ALT 803	Citeline	Altor BioScience	Phase 2	Fusion protein	Injectable	2020-12-24

Reference Rows Workflow Improvements (2)

- Quick preview to see how rules work
- Opens an HTML export in your browser using your last export settings



Title	Common Family	Basic Patent Number	Inventor(s)	Patent Assignee	Hit PatentPak	
					RN	Location
1. Benzoxaborole compounds and uses thereof	WO 2016128949	WO 2016128949 A1	Alley, M. R. K. Barros-Aguirre, David Giordano, Ilaria Hernandez, Vincent Li, Xianfeng Plattner, Jacob J.	GlaxoSmithKline Intellectual Property (No.2) Limited, UK Anacor Pharmaceuticals, Inc.	1655492-02-6P	Pg 85
	1 CA	1 CA	1 CA	1 CA		1 CA
2. Tricyclic benzoxaborole compounds and uses thereof	WO 2015021396	WO 2015021396 A2	Alley, M. R. K. Hernandez, Vincent S. Plattner, Jacob J. Li, Xianfeng Barros-Aguirre, David Giordano, Ilaria	Glaxosmithkline Intellectual Property (No.2) Limited, UK Anacor Pharmaceuticals, Inc.	1655492-02-6P	Pg 62
	2 CA	2 CA	2 CA	2 CA		2 CA

Reference Rows Appearance Changes

Combined: MCC Combined - March 2021

New Selection Glyphs

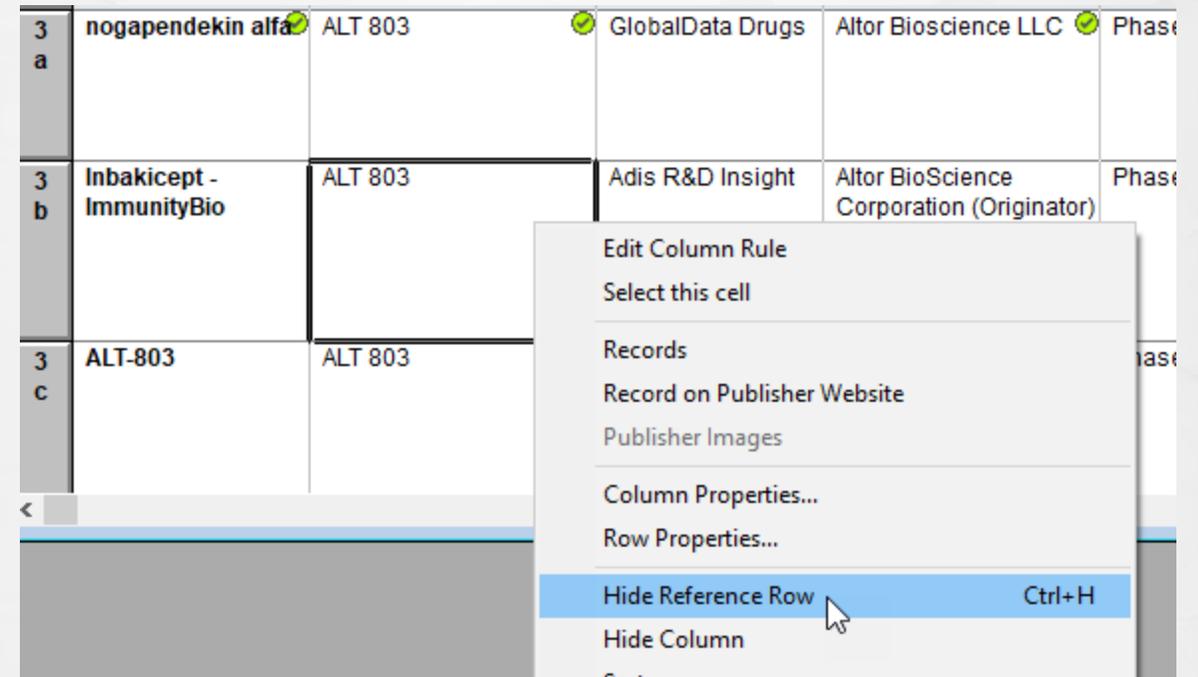
Singleton rows have simple row numbers

Source rows now have a letter instead of a decimal number

	Drug Name	Common Drug Name	Database	Developer
1	ADUS-100	ADUS-100	GlobalData Drugs	Chinook Therapeutics Inc
2	ALRN-6924	ALRN-6924	GlobalData Drugs	Aileron Therapeutics
3 a	nogapendekin alfa	ALT 803	GlobalData Drugs	Altor Biosciences
3 b	Inbakicept - ImmunityBio	ALT 803	Adis R&D Insight	Altor BioSciences Corporation (Orion) NantKwest (Orion)
3 c	ALT 803	ALT 803	Citalin	Altor BioSciences

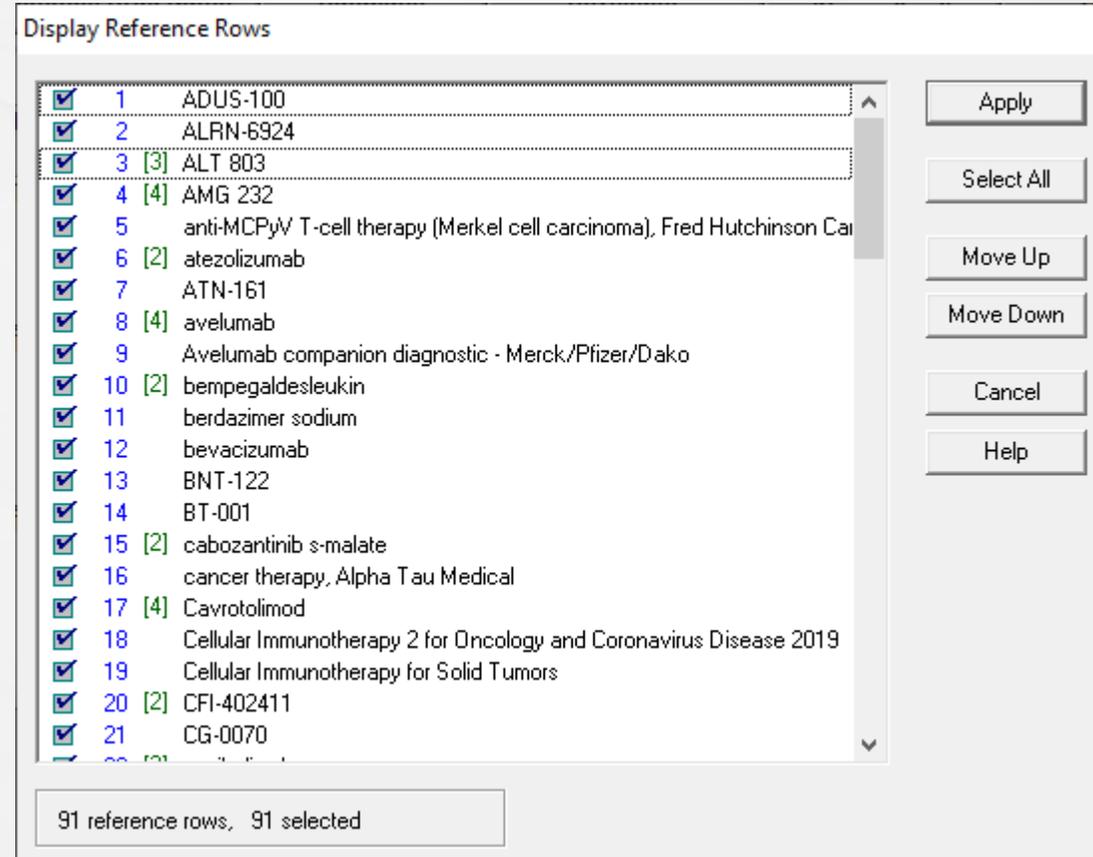
Hide Reference Rows

- The #1 most requested feature in BizInt Smart Charts is now here! **Hide Reference Row**
- Right click on any component row in a Reference Row to hide the entire group.
- All rows are hidden when you return to Smart Charts



View | Reference Rows

- With View | Reference Rows you can **hide**, **show**, and **rearrange** the Reference Rows in your chart
- The green number on some rows is the number of visible source rows in the group.



Display Reference Rows

<input checked="" type="checkbox"/>	1	ADUS-100	
<input checked="" type="checkbox"/>	2	ALRN-6924	
<input checked="" type="checkbox"/>	3	[3] ALT 803	
<input checked="" type="checkbox"/>	4	[4] AMG 232	
<input checked="" type="checkbox"/>	5	anti-MCPyV T-cell therapy (Merkel cell carcinoma), Fred Hutchinson Ca	
<input checked="" type="checkbox"/>	6	[2] atezolizumab	
<input checked="" type="checkbox"/>	7	ATN-161	
<input checked="" type="checkbox"/>	8	[4] avelumab	
<input checked="" type="checkbox"/>	9	Avelumab companion diagnostic - Merck/Pfizer/Dako	
<input checked="" type="checkbox"/>	10	[2] bepegaldesleukin	
<input checked="" type="checkbox"/>	11	berdazimer sodium	
<input checked="" type="checkbox"/>	12	bevacizumab	
<input checked="" type="checkbox"/>	13	BNT-122	
<input checked="" type="checkbox"/>	14	BT-001	
<input checked="" type="checkbox"/>	15	[2] cabozantinib s-malate	
<input checked="" type="checkbox"/>	16	cancer therapy, Alpha Tau Medical	
<input checked="" type="checkbox"/>	17	[4] Cavrotolimod	
<input checked="" type="checkbox"/>	18	Cellular Immunotherapy 2 for Oncology and Coronavirus Disease 2019	
<input checked="" type="checkbox"/>	19	Cellular Immunotherapy for Solid Tumors	
<input checked="" type="checkbox"/>	20	[2] CFI-402411	
<input checked="" type="checkbox"/>	21	CG-0070	

91 reference rows, 91 selected

Apply
Select All
Move Up
Move Down
Cancel
Help

Reference Rows Cell Attribution

- Show Cell Sources... on the Reference Rows menu controls how the source of a cell is shown
- Attributions are in grey (not color)

Show Cell Source Options

Specify how the database source of a cell is shown in exports:

At the bottom of the cell

Following the cell text

Do not show cell source

OK Cancel Help...

Allergen
Immunomodulator

14a COR

Allergen
Immunomodulator
{14a COR}

Allergen
Immunomodulator

Reference Rows - What's Next?

- Add new row
- Fix problems with row shading
- Row numbering, “go to row” command
- Closer integration with BizInt Smart Charts

BizInt Smart Charts

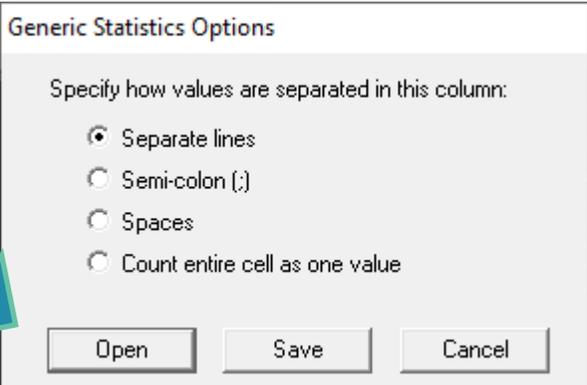
for Patents

Export Changes

Version 5.8 - 2023

Export and Statistics Workflow Improvements

- New option to directly open the export or statistics without having to specify a file name
- Creates a file in your temporary directory
- Excel exports open without warning messages



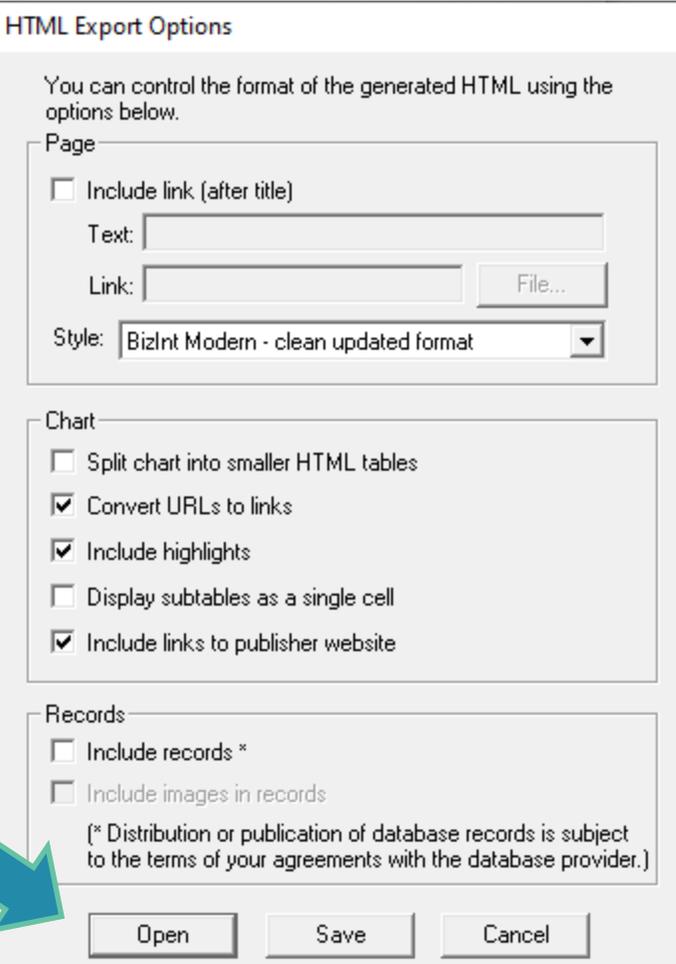
Generic Statistics Options

Specify how values are separated in this column:

- Separate lines
- Semi-colon (,)
- Spaces
- Count entire cell as one value

Open Save Cancel

A blue arrow points to the 'Open' button.



HTML Export Options

You can control the format of the generated HTML using the options below.

Page

- Include link (after title)
Text:
Link: File...
Style: BizInt Modern - clean updated format

Chart

- Split chart into smaller HTML tables
- Convert URLs to links
- Include highlights
- Display subtables as a single cell
- Include links to publisher website

Records

- Include records *
- Include images in records

(* Distribution or publication of database records is subject to the terms of your agreements with the database provider.)

Open Save Cancel

A blue arrow points to the 'Open' button.

Export and Statistics Workflow Improvements

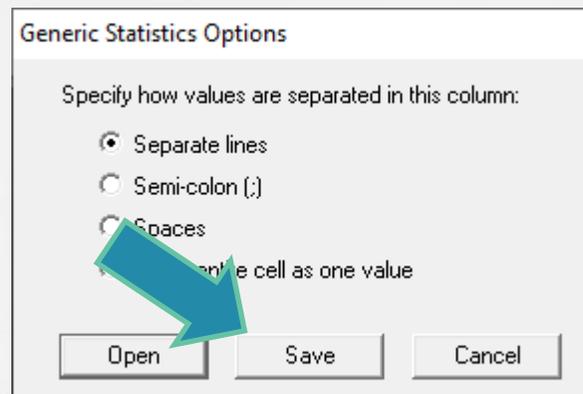
- **The old behavior is still available...**
just hit the middle button
- Asks you for a file name
- File and directory of images created

Generic Statistics Options

Specify how values are separated in this column:

Separate lines
 Semi-colon (;)
 Spaces
 Treat the cell as one value

Open Save Cancel



HTML Export Options

You can control the format of the generated HTML using the options below.

Page

Include link (after title)
Text:
Link: File...
Style: BizInt Modern - clean updated format

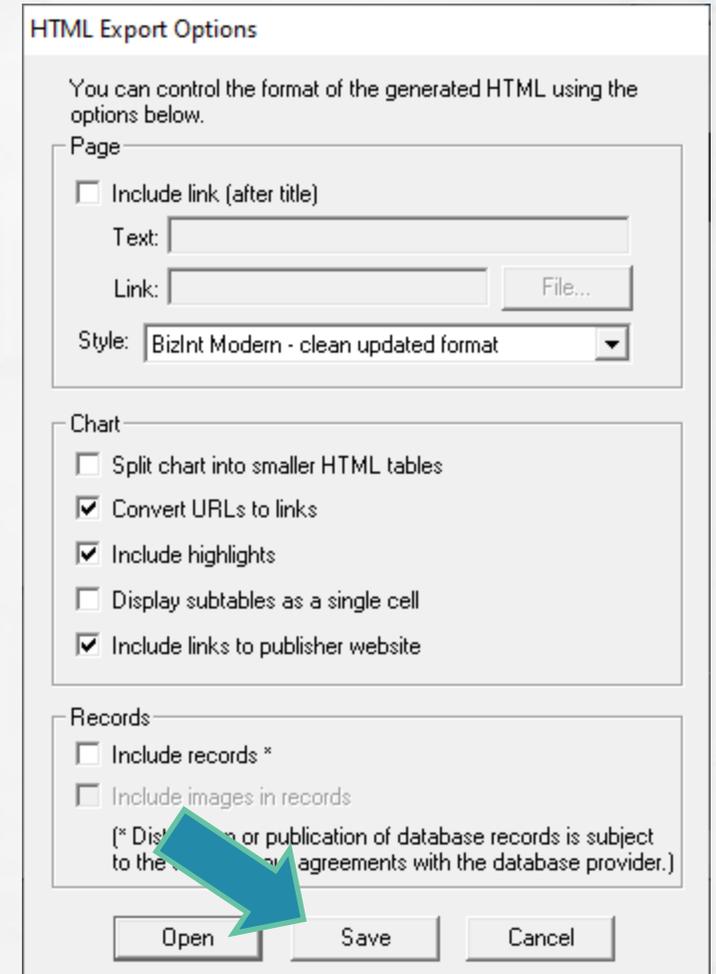
Chart

Split chart into smaller HTML tables
 Convert URLs to links
 Include highlights
 Display subtables as a single cell
 Include links to publisher website

Records

Include records *
 Include images in records
(* Distribution or publication of database records is subject to the terms and conditions of any agreements with the database provider.)

Open Save Cancel



Export changes

VERSION

5.8

- Choice of stylesheet for almost every export type
- Easily customized presentation (colors, fonts, etc)
- More consistent internal link names
- Fixing a LOT of glitches in export to Word
- Excel: alignment formatting, column header options

Export changes

VERSION

5.8

- Export panels have been reorganized
- Some options have been removed (text/link at top of table)
- Option to not include chart title



HTML Export Options

You can control the format of the generated HTML using the options below.

Style: BizInt Plum - plum color scheme

Chart

- Split chart into smaller HTML tables
- Convert URLs to links
- Include highlights
- Display subtables as a single cell
- Include links to publisher website
- Include chart title

Records

- Include records *
- Include images in records

(* Distribution or publication of database records is subject to the terms of your agreements with the database provider.)

Open Save Cancel

Export changes - Excel headers

VERSION

5.8

sequences2019							
Title	Database	Sequence ID	Patent Sequence Location	Score	Patent Family (Patent : Kind : Date)	Patent Assignee	
1 New chitin product active purification chitin	Derwent GeneSeq		Example 1; Page 6	44 2% of query self score 2022	CN 103450352 : A : 20131218	(FEED-N) FEED RES INST CHINESE ACAD AGRIC SCI.	
2 Use for the YwpE protein	Derwent GeneSeq			10 % of query self score 2022	CN 106282079 : A : 20170104	(CAGS) FEED RES INST CHINESE ACAD AGRIC SCI.	
3 New chitin product active purification chitin	Derwent GeneSeq			46 2% of query self score 2022	CN 103450352 : A : 20131218	(FEED-N) FEED RES INST CHINESE ACAD AGRIC SCI.	
4 New chitin binding protein (CBP21) protein or fusion protein useful in preparation of chitin combined functional product, chitinase enzyme activity function product, purified chitin and promoted chitinase enzyme.	Derwent GeneSeq	CN103450352-0002	Disclosure; SEQ ID NO. 2	963 47% of query self score 2022	CN 103450352 : A : 20131218	(FEED-N) FEED RES INST CHINESE ACAD AGRIC SCI.	

More "Excel like"
Filtering works as expected

Include links to publisher website

Include chart title

Export changes

VERSION

5.8

- New (and updated) styles
- Easy to add custom styles
(**we can make them for you**)
- Same styles available in HTML, Word, Excel
- Reference Rows uses same styles

HTML Export Options

You can control the format of the generated HTML using the options below.

Style: BizInt Plum - plum color scheme

Chart

- Split
- Convert links to links
- Include highlights
- Display subtables as a single cell
- Include links to publisher website
- Include chart title

Records

- Include records *
- Include images in records

(* Distribution or publication of database records is subject to the terms of your agreements with the database provider.)

Open Save Cancel

Export changes

VERSION

5.8

- New options for Word exports
- Auto-fit columns to page width (subject to longest word)
- Chart landscape or portrait
Records always portrait
- Paper size, margins
- Use Page Setup to control



Word Export Options

You can control the format of your export using the options below.

Style: BizInt Blue - dark blue color scheme

Chart

- Split chart into smaller HTML tables
- Convert
- Display
- Include
- Include
- Autofit

You can change using File I

Records

- Include
- Include (* Distribute to the t

Page Setup

Orientation

Portrait Landscape

Scaling

- Adjust to: 100 % normal size
- Fit to: 1 page(s) wide

Paper Size: Letter

Measurements: inch cm

Printing

- Print first column on each page
- Print row number on chart
- Page break when main sort value changes

Style: Alternating shaded rows 10 %

- Alternate shading based on sort
- Plain rows separated by lines
- Print lines between columns

Margins

Top: .50" Left: .25"

Bottom: .25" Right: .25"

OK Cancel Help...

Export changes - Excel publisher links

VERSION

5.8

	Title	Patent Number	Patent Assignee	Inventor(s)	Abstract
1	Link Altering a target nucleic acid encoding one or more guide RNA sequences complementary to DNA, where the DNA includes the target nucleic acid, introducing into the cell a second foreign nucleic acid encoding a Cas9 protein that binds to the DNA and is guided by the one or more guide RNA sequences, introducing into the cell a third foreign nucleic acid encoding an exogenous nucleic acid sequence to be included into the target nucleic acid sequence.		HARVARD COLLEGE BYRNE S M CHURCH G M	BYRNE, Susan M. CHURCH, George M.	Alteration of a target nucleic acid in a cell comprises introducing into the cell a first foreign nucleic acid encoding one or more guide RNA sequences complementary to DNA, where the DNA includes the target nucleic acid, introducing into the cell a second foreign nucleic acid encoding a Cas9 protein that binds to the DNA and is guided by the one or more guide RNA sequences, introducing into the cell a third foreign nucleic acid encoding an exogenous nucleic acid sequence to be included into the target nucleic acid sequence. [CONT.]
2	Link COMPOSITIONS AND METHODS FOR TARGETED GENE DISRUPTION IN PROKARYOTES		MERGEN	LIU OLIVER KIM JEFFREY	(WO2015/070193) The present disclosure relates to engineered bacteriophage vector compositions comprising nucleic acids that express recombinant nucleases. Also provided are methods of using engineered bacteriophage vectors to effect genomic disruption or targeted gene disruption in prokaryotes. The disclosed compositions and methods are useful for reducing antibiotic resistance in bacteria cells.
3	Link RNA-guided transcriptional regulation	US 9267135 B2	HARVARD COLLEGE	CHURCH GEORGE M MALI PRASHANT G ESVELT KEVIN M	(US9267135) Methods of modulating expression of a target nucleic acid in a cell are provided including introducing into the cell a first foreign nucleic acid encoding one or more RNAs complementary to DNA, wherein the DNA includes the target nucleic acid, introducing into the cell a second foreign nucleic acid encoding a nuclease-null Cas9 protein that binds to the DNA and is guided by the one or [CONT.]
4	Link COMPOSITIONS AND METHODS FOR TARGETED GENE DISRUPTION IN PROKARYOTES	US 20150132263	RADIANT GENOMICS; RADIANT GENOMICS INC	LIU OLIVER Kim Jeffrey	The present disclosure relates to engineered bacteriophage vector compositions comprising nucleic acids that express recombinant nucleases. Also provided are methods of using engineered bacteriophage vectors to effect genomic disruption or targeted gene disruption in prokaryotes. The disclosed compositions and methods are useful for reducing antibiotic resistance in bacteria cells.

Export changes - sequence alignments

VERSION

5.8

- Sequence alignments display properly in Excel now

Alignment				
Q:	1	GY-Y-HWN	6	
S:	+	4	GYSYMHWN	11
Q:	1	GNIDNSASTNYNPSLKT	17	
		+		
S:	51	GNIFNSGSTNYNPSLKS	67	

Styles for Summary Records

VERSION

5.8

1. Title: **New aryl sulfoxide derivatives useful for controlling animal pests in crop protection and/or in veterinary sector**

Database: Derwent World Patents Index
[PatBase](#)

Use: (I) or the composition is useful for controlling animal pests in crop protection and/or in the veterinary sector (claimed).

Probable Assignee: BAYER CROPSCIENCE AG

Patent Family:	Patent	Kind	Date
	WO 2014202510	A1	2014-12-24
	TW 201536739	A	2015-10-01

Hyperlinks: [Source](#) | [WO 2014202510 A1](#) | [PatDocs Family Tree](#)

Notes

2. Title: **Composition for reducing overall damage of plants caused by insects, mites, nematodes and phytopathogens comprises isolated compounds which is other than gougourotin**

Database: Derwent World Patents Index
[PatBase](#)

Use: The composition is useful: as a fungicide and/or insecticide for reducing overall damage of plants and plant parts and losses in harvested fruits or vegetables caused by insects, mites, nematodes and/or phytopathogens; for treating conventional or transgenic plants or its seed (all claimed); for improving stress tolerance against drought and improving root growth, root size maintenance, root effectiveness, and plant growth details are described but no results given.

Probable Assignee: BAYER CROPSCIENCE LP

Patent Family:	Patent	Kind	Date
	WO2014124373	A1	20140814
	US20140228213	A1	20140814
	CA2899334	A1	20140814

Hyperlinks: [Source](#) | [WO 2014124368 A1](#) | [PatDocs Family Tree](#)

Notes

Summary Record Export Options

The Summary Record export shows the columns (fields) visible in your chart.

Style: Color - original style with colored sections

- Number the records
- Start each record on new page
- Skip empty fields in records
- Include Links section
 - Include PatDocs links
- Include section for Comments
- Include Index of Hit Structures

You can also include:

- Exported Notes
- Claims
- Alignment
- Hit Structures
- Index Terms

Open Save Cancel

1. Title: **New aryl sulfoxide derivatives useful for controlling animal pests in crop protection, material protection and/or in veterinary sector**

Database: Derwent World Patents Index
[PatBase](#)

Use: (I) or the composition is useful for controlling animal pests in crop protection, material protection and/or in the veterinary sector (claimed).

Probable Assignee: BAYER CROPSCIENCE AG

Patent	Kind	Date
WO 2014202510	A1	2014-12-24
TW 201536739	A	2015-10-01

Hyperlinks: [Source](#) | [WO 2014202510 A1](#) | [PatDocs Family Tree](#)

Notes

2. Title: **Composition for reducing overall damage of plants caused by insects, mites, nematodes and phytopathogens comprises isolated compounds which is other than gougourotin**

Database: Derwent World Patents Index
[PatBase](#)

Use: The composition is useful: as a fungicide and/or insecticide for reducing overall damage of plants and plant parts and losses in harvested fruits or vegetables caused by insects, mites, nematodes and/or phytopathogens; for treating conventional or transgenic plants or its seed (all claimed); for improving stress tolerance against drought, and improving root growth, root size maintenance, root effectiveness, and plant growth details are described but no results given.

Probable Assignee: BAYER CROPSCIENCE LP

Patent	Kind	Date
WO2014124373	A1	20140814
US20140228213	A1	20140814
CA2899334	A1	20140814

Hyperlinks: [Source](#) | [WO 2014124368 A1](#) | [PatDocs Family Tree](#)

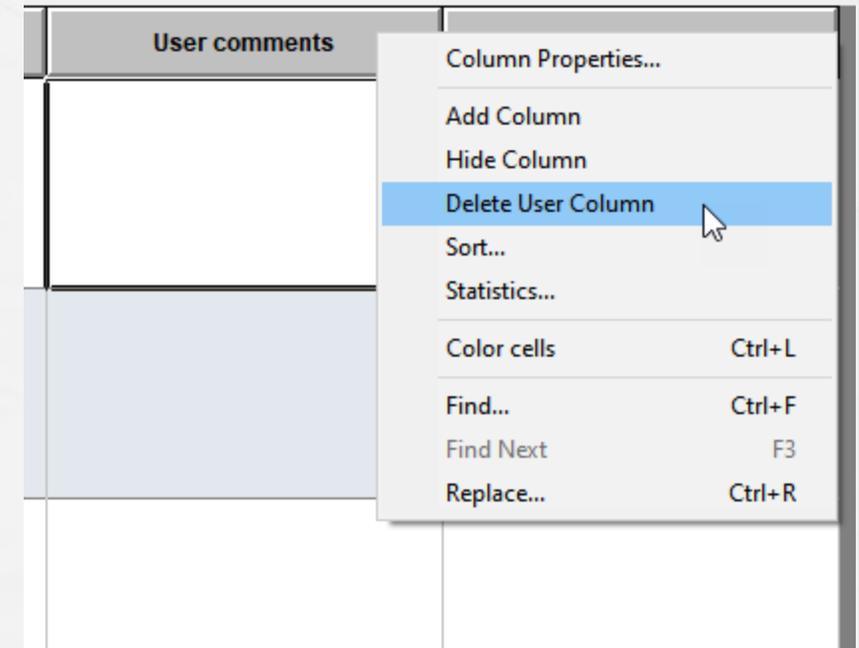
Notes

Customize export stylesheets

- Stylesheets are simply CSS
- Copy an existing style and make your changes
- File name + Description (in the file)
- Can save in the user's profile
- Excel styles in `%appdata%\bizint\css\html_excel`
- Word and HTML in `%appdata%\bizint\css\html`
- Summary Records in `%appdata%\bizint\css\sumrec`

Delete user-added columns

- Delete User Columns command
- Remove user-added and VP-SCE columns
- Can select multiple columns (don't worry - you can't accidentally delete publisher fields)



Hide Multiple Columns

- Select one or more columns
- View | Hide Column

The screenshot shows a table with the following columns: Inventor(s), Abstract, Accession Number, Chemical Name, and Cited Referer Count. A context menu is open over the 'Chemical Name' column, with the 'Hide Column' option highlighted. The menu also includes options like 'Column Properties...', 'Add Column', 'Delete User Column', 'Sort...', 'Statistics...', 'Font...', 'Quick format', 'Color cells', 'Copy', 'Paste', 'Find...', 'Find Next', and 'Replace...'.

ee	Inventor(s)	Abstract	Accession Number	Chemical Name	Cited Referer Count

Database Updates

BizInt Smart Charts

for Patents

STNext BizInt Export

- New BizInt report format available on STNext
- Supported in Version 5.6
- More reliable field extraction
- Includes hit term highlights
- Can select answer sets, display commands, records

- bizint.com/support/create/stnext.php

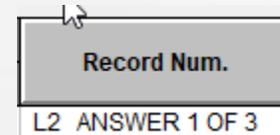
www.bizint.com

STNext Reports - Caveats

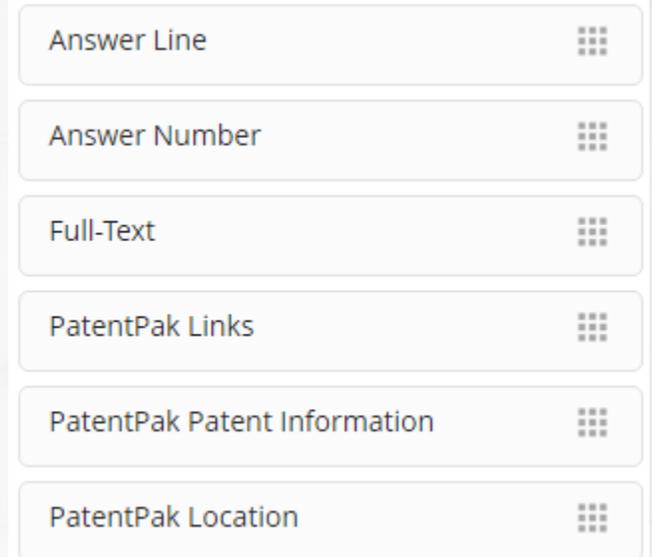
- A field displayed in your transcript will only appear in your BizInt chart if the STNext report template passes it through
- Beware of some common issues:
 - claims are not included in the standard Patent template
 - “Title” template item does not include TIEN, TIDE, TIFR
- RTF transcripts are still supported on STNext
But some future files may only work via the BizInt export

Special Fields in Templates

- In addition to making sure your template includes all of your display fields, there are some additional fields you want to include.
- Answer Line and Answer Number are used to create the Record Num. column
- Full-Text gives you ChemPort links
- PatentPak Links is for the interactive link
- PatentPak Location is for Hit PPAK

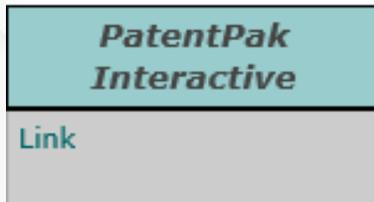


Record Num.
L2 ANSWER 1 OF 3



PatentPak Support

- BizInt export only
- PatentPak Interactive link available as a column or in the summary records link section

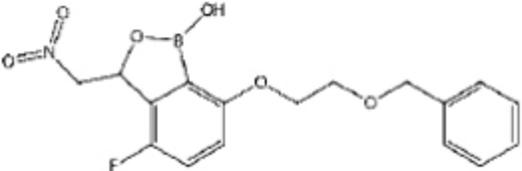
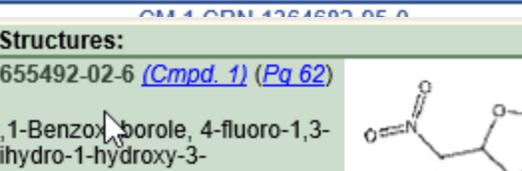


- *Need PDF/PDF+ links?*
- Hit PatentPak available as a column or in several places in the summary records export

PatentPak Support

Hit PatentPak		Hit Index Terms PPAK		
RN	Location	RN	Role	Notes
1655492-02-6P	Pg 85	1655492-02-6P (Pg 85)	RL: RCT (Reactant); SPN (Synthetic preparation);	prepn. and anti-mycobacterial

Index of Hit Structures

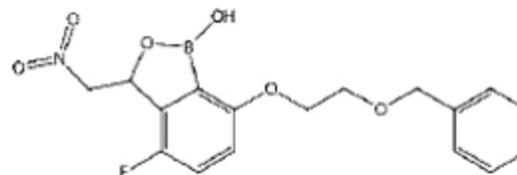
Substance	Structure	Reference
1 1655492-02-6 2,1-Benzoxaborole, 4-fluoro-1,3-dihydro-1-hydroxy-3-(nitromethyl)-7-[2-(phenylmethoxy)ethoxy]- (CA INDEX NAME)		prepn. and anti-mycobacterial activity of benzoxaborole compds. Reference 1 (Pg 85)
2 1364682-96-1 1-Propanol, 3-[[[3-(aminomethyl)-4-fluoro-1,3-dihydro-1-hydroxy-2,1-benzoxaborol-7-yl]oxy]-, 2,2,2-trifluoroacetate (1:2) (CA INDEX NAME)		prepn. and biol. applications of tricyclic benzoxaborole compds. Reference 2 (Pg 62)

1364682-96-1P	Pg 67
1364683-03-3P	Pg 71
1364684-69-4P	Pg 70
1364684-75-2P	Pg 73

Hit Structures:

1655492-02-6 ([Cmpd. 1](#)) ([Pg 62](#))

2,1-Benzoxaborole, 4-fluoro-1,3-dihydro-1-hydroxy-3-(nitromethyl)-7-[2-(phenylmethoxy)ethoxy]- (CA INDEX NAME)



RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

prepn. and biol. applications of tricyclic benzoxaborole compds.

Index Terms:

1655492-02-6P ([Cmpd. 1](#)) ([Pg 62](#)) RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (prepn. and biol. applications of tricyclic benzoxaborole compds.)

Database Changes (STN)

- Added support for PSPI in CAplus and MARPAT

Family Status		Status	Patent Family Status			
Patent	Status		Patent	Kind	Status	Status Date
WO 2021203539 A1	Alive	Alive	WO 2021203539	A1	Alive	20211021
CN 111493266 A	Alive		CN 111493266	A	Alive	20201121
CN 111493266 B	Alive		CN 111493266	B	Alive	20211007

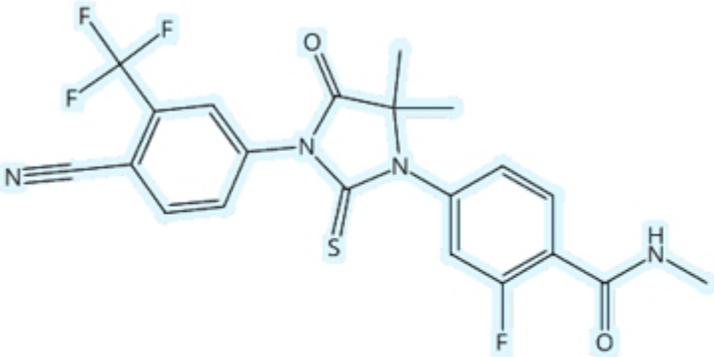
- Support Claims, Ultimate Owner in CAplus
- Added support for INFULL, JPFULL, KRFULL, RUFULL
- Cleaned up handling for all fulltext files (esp. Claims)

Enhanced Chemistry Support (5.8.5 and beyond)

- Adding support for **MARPAT**, REAXYSsub/bib, DCR
- **First HITSTR/QHIT column**
- **Color images with structure highlights (5.8.4)**
- Improved index term handling
- New options for Index of Hit Structures - sections for **Exemplified**, **Markush**, and Non-exemplified structures; option for grid display of index

Enhanced Chemistry Support

- Color structure images

	Substance	Structure	Reference
1	915087-33-1 Benzamide, 4-[3-[4-cyano-3-(trifluoromethyl)phenyl]-5,5-dimethyl-4-oxo-2-thioxo-1-imidazolidinyl]-2-fluoro-N-methyl- (CA INDEX NAME)		<p><u>compn. conta. beauverin in medicine for inhibiting proliferation of human prostate cancer cell</u> <u>Reference 1</u></p> <p>treating metastatic castration-resistant prostate cancer with engineered bispecific PSMA x CD28 antibodies with anti-PD-1 antibodies <u>Reference 2</u></p> <p>engineering of ERBB2/ERBB3 bispecific antibodies for treating castration-resistant prostate cancer <u>Reference 3</u></p>

Enhanced Chemistry Support

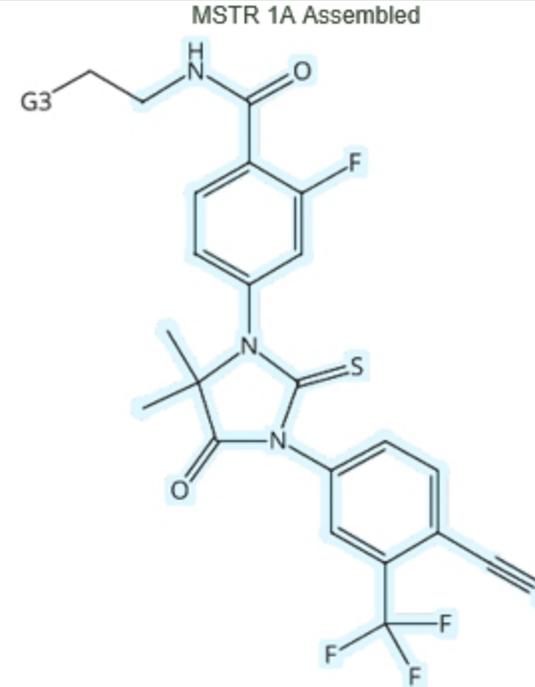
- MARPAT assembled structures

Index of Markush Structures

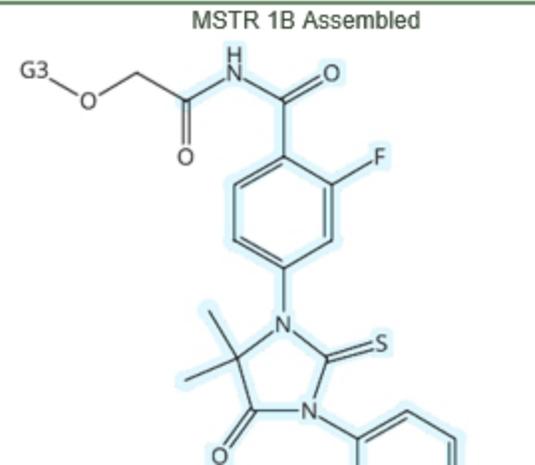


Structure	Structure
<p>MSTR 1B Assembled</p> <p>Reference 1</p>	<p>MSTR 1 Assembled</p> <p>Reference 2</p>

Markush Structures:



Patent location: claim 1
Note: or pharmaceutically acceptable salts
Note: additional derivatization also claimed
[\(Cmpd. 8\)](#)



Patent location: claim 1
Note: or pharmaceutically acceptable salts
Note: additional derivatization also claimed
[\(Cmpd. 9\)](#)

PatBase Exports

- PatBase legacy export to BizInt will be discontinued in June 2024... please use the “5.8” export
- Check your export templates, you may be using the legacy format and not know it
- New export format includes hit highlights
- Support for PatBase Origin in late 2024

PatBase User Fields

- If you have custom fields defined in PatBase, the contents appear in “User” columns with the same field name
- Works for both User Fields and PatKM
- New export requires version 5.8.1,
Legacy export unchanged since version 4.5.1

Selected Columns

	Title
	Image
	Abstract
	International Patent Class
	Patent Assignee
User	Business Area
User	Case Reference
User	Feature
User	Name of Project

PatBase Folder Notes

- Version 5.8 includes an update to how we handle Folder Notes
- Applies to both Legacy and New exports
- Attribution is cleaner, only shows publication number when it changes
- Only show language if MT
- Clean up HTML markup within notes
- No truncation

Notes	Notes (Old)
<p>US2002017181A1 - Claims 1. A woodworking machine having a cutting region for cutting workpieces, comprising: a movable cutting tool for cutting workpieces in the cutting region; a detection system adapted to detect one or more dangerous conditions between a person and the cutting tool; and a reaction system associated with the detection system and the cutting tool, where the reaction system is configured to retract the cutting tool at least partially away from the cutting region upon detection of at least one of the dangerous conditions by the detection system.</p> <p>8. The machine of claim 7, where engagement of the braking component with the cutting tool causes the cutting tool to move out of the cutting region.</p> <p>Abstract The machines include a detection system adapted to detect one or more dangerous conditions between a person and the cutting tools, and a reaction system associated with the detection system.</p>	<p>From US2002017181AA- Claims:
[EN] 1. A woodworking machine having a cutting region for cutting workpieces, comprising:
a movable cutting tool for cutting workpieces in the cutting region;
a detection system adapted to detect one or more dangerous conditions between a person and the cutting tool; and
a reaction system associated with the detection system and the cutting tool, where the reaction system is configured to retract the cutting tool at least partially away from the cutting region upon detection of at least one of the dangerous conditions by the detection system. [CONT.]</p>

Summary Records

- Summary Records include the option to link to the PatDocs family
- Folder Notes are available in a separate block (nicely formatted) using the “Exported Notes” option



Summary Record Export Options

The Summary Record export shows the columns (fields) visible in your chart.

Style: Color - original style with colored sections

- Number the records
- Start each record on new page
- Skip empty fields in records
- Include Links section
 - Include PatDocs links
- Include section for Comments
- Include Index of Hit Structures

You can also include:

- Exported Notes
- Claims
- Alignment
- Hit Structures
- Index Terms

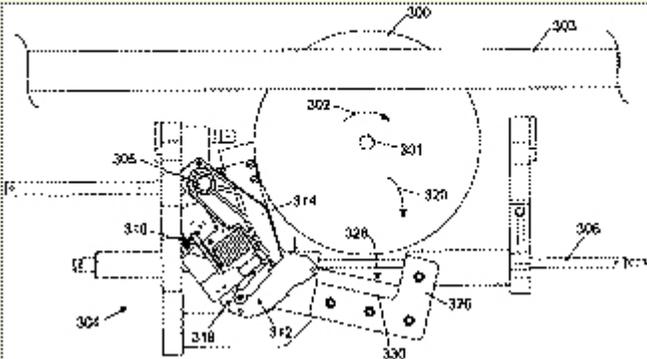
Open Save Cancel

Summary Records with Exported Notes



Abstract: Source: US2002017181; Woodworking machines are disclosed having movable cutting tools for cutting workpieces in a cutting region. The machines include a detection system adapted to detect one or more dangerous conditions between a person and the cutting tools, and a reaction system associated with the detection system. [CONT.]

Image:



Hyperlinks: [Source](#) | [US 2002017181 A1](#) | [PatDocs Family Tree](#)



Comments:

Exported Notes:

US2002017181A1 - Claims

1. A woodworking machine having a cutting region for cutting workpieces, comprising: a movable cutting tool for cutting workpieces in the cutting region; a detection system adapted to detect one or more dangerous conditions between a person and the cutting tool; and a reaction system associated with the detection system and the cutting tool, where the reaction system is configured to retract the cutting tool at least partially away from the cutting region upon detection of at least one of the dangerous conditions by the detection system.
8. The machine of claim 7, where engagement of the braking component with the cutting tool causes the cutting tool to move out of the cutting region.

Abstract

The machines include a detection system adapted to detect one or more dangerous conditions between a person and the cutting tools, and a reaction system associated with the detection system.

Claims:

US2002017181AA

1. A woodworking machine having a cutting region for cutting workpieces, comprising: a movable cutting tool for cutting workpieces in the cutting region; a detection system adapted to detect one or more dangerous conditions between a person and the cutting tool; and a reaction system associated with the detection system and the cutting tool, where the reaction system is

PatBase Independent Claims

- All independent claims now extracted into a column “Claims - Independent”
- Existing claims column now named “Claims - First”
- Available in version 5.8.5

Claims - First	Claims - Independent
US2023000954A1 1. A composition comprising fibronectin (FN), wherein the FN is mesenchymal stem cell (MSC)-derived FN.	US2023000954A1 1. A composition comprising fibronectin (FN), wherein the FN is mesenchymal stem cell (MSC)-derived FN. 23. The composition according to claim 22, wherein the composition does not comprise NaCl and/or MgCl ₂ .
WO23278807A1 1. A system for treating glaucoma, comprising: an intraocular shunt made of a cross-linked gelatin, the intraocular shunt having a shunt outer diameter of between about 170 micro m to about 260 micro m, and the intraocular shunt defining at least one interior flow path having a shunt inner diameter of between about 50 micro m and about 70 micro m; [CONT.]	WO23278807A1 1. A system for treating glaucoma, comprising: an intraocular shunt made of a cross-linked gelatin, the intraocular shunt having a shunt outer diameter of between about 170 micro m to about 260 micro m, and the intraocular shunt defining at least one interior flow path having a shunt inner diameter of between about 50 micro m and about 70 micro m; and a needle having a lumen to connect the intraocular shunt, the lumen having a lumen inner diameter of between about 220 to about 280 micro m. 13. A method to treat glaucoma, the method comprising: advancing a needle through the sclera of the patient to create an opening, wherein the needle has a needle diameter of between about 400 micro m to about 420

Hit Term Highlights

- Added support for hit term highlights in version 5.6.1
- Only available in the BizInt exports from STNext and Orbit.com
- Appear in the **backing records**
- Appear in record exports
(including claims in summary records exports)
- PatBase support **version 5.8 in XML exports**
- bizint.com/support/use/hit_highlight.php

Hit Term Highlights

- Smart Charts records

Records: 5f19a5be-71c2-4b48-bc1a-e...

2: Novel epoxide polyene amphoteric macrolide and process for purifying na

Novel epoxide polyene amphoteric macrolide and process for purifying **natamycin**

Patent Family

Patent	Kind	Date
EP 3837269	A1	2021-06-23
WO 202035553	A1	2020-02-20
US 20210188892	A1	2021-06-24
CN 112585150	A	2021-03-30

- Exports

| Record 2 of 72 | [Publisher Version](#) | [Back to chart](#) |

Novel epoxide polyene amphoteric macrolide and process for purifying **natamycin**

Patent Family

Patent	Kind	Date
EP 3837269	A1	2021-06-23
WO 202035553	A1	2020-02-20
US 20210188892	A1	2021-06-24
CN 112585150	A	2021-03-30

Patsnap Analytics support

- Support for Patsnap Analytics added in v 5.8.3
- Publication level, some fields might not be supported yet (just ask if you'd like additions)
- Adding support for sequence alignments from Patsnap Bio later in 2024

Recent Sequence Database Changes

- Support for Virtual Databases on GenomeQuest
Including full text search results
- Complete rework of sequence databases on STNext
USGENE, GENESEQ, PATGENE
Only in BizInt export from STNext

Upcoming Sequence support

- Automatic handling of sequence results when combining
- Subtable editing
- Sequence summary tables in chart templates
- GenomeQuest is working on exporting annotations from Discovery Browser, hopefully later this year



Software for
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THE JOURNEY CONTINUES...

Questions?
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We make tables

