

BizInt Smart Charts
for Patents 3.4

Using BizInt Smart Charts
with Gene Sequence Databases

PIUG Biotech 2012
John Willmore, VP Product Development
February 7, 2012 – Boston, MA

BizInt Smart Charts 2012

**BizInt Smart Charts software helps you create, customize and distribute tabular reports...
... combining data from patents, drug pipeline, clinical trials, and gene sequence searches.**

Search results
or alerts

Easy-to-read
summary table

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Sample sequence data report

GQPAT Proteins: Antibodies_GenomeQuest

	Title	Patent Assignee	Seq. ID Number	Organism Species	Alignment	Percent
1	Nucleic acid sequences relating to <i>Bacteroides fragilis</i> for diagnostics and therapeutics	OSCIENT PHARMACEUTICALS CORPORATION WALTHAM, MA	US7090973-6862	<i>Bacteroides fragilis</i>	Q: 1 KY--SNR-LY 7 S: 340 KYDMSRRLY 349	70.00
2	Expression of microbial proteins in plants for production of plants with improved properties	MONSANTO TECHNOLOGY, LLC ST LOUIS, MO	US7314974-14121	<i>Pseudomonas fluorescens</i>	Q: 1 K-VS--NRLY 7 S: 597 KLVSDLNRLY 606	70.00
3	Production and use of novel peptide-based agents for use with bi-specific antibodies	IMMUNOMEDICS INC. MORRIS PLAINS, NJ	US6962702-0008	Artificial Sequence	Q: 1 RSSQSIVHSMGMTYLQ 16 S: 24 RSSQSIVHSMGMTYLE 39	93.75
4	Chimeric, human and humanized anti-CSAP monoclonal antibodies	IMMUNIMEDICS, INC. MORRIS PLAINS, NJ	US7387772-0032	Murine sp.	Q: 1 RSSQSIVHSMGMTYLQ 16 S: 24 RSSQSIVHSMGMTYLE 39	93.75
5	Chimeric, human and humanized anti-CSAP monoclonal antibodies	IMMUNIMEDICS, INC. MORRIS PLAINS, NJ	US7414121-0032	Murine sp.	Q: 1 RSSQSIVHSMGMTYLQ 16 S: 24 RSSQSIVHSMGMTYLE 39	93.75
6	Production and use of novel peptide-based agents for use with bi-specific antibodies	IMMUNOMEDICS, INC. MORRIS PLAINS, NJ	US6962702-0008	Artificial Sequence	Q: 1 RSSQSIVHSMGMTYLQ 16 S: 24 RSSQSIVHSMGMTYLE 39	93.75
7	Production and use of novel peptide-based agents for use with bi-specific antibodies	IMMUNOMEDICS, INC. MORRIS PLAINS, NJ	US6962702-0012	Artificial Sequence	Q: 1 RSSQSIVHSMGMTYLQ 16 S: 24 RSSQSIVHSMGMTYLE 39	93.75
8	Production and use of novel peptide-based agents for use with bi-specific antibodies	IMMUNOMEDICS, INC. MORRIS PLAINS, NJ	US7429381-0012	Artificial Sequence	Q: 1 RSSQSIVHSMGMTYLQ 16 S: 24 RSSQSIVHSMGMTYLE 39	93.75
9	Covalently reactive transition state analogs and methods of use thereof	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM AUSTIN, TX	US6855804-0042	<i>Mus musculus domesticus</i>	Q: 1 RSSQSIVHSMGMTYLQ 16 S: 24 RSSQSIVHSMGMTYLE 39	93.75
	Covalently reactive transition state analogs and methods of use thereof	ADLER, BENJAMIN	US7524663-0042	<i>Mus musculus</i>	Q: 1 RSSQSIVHSMGMTYLQ 16 S: 24 RSSQSIVHSMGMTYLE 39	93.75

Bibliographic Data


Sequence Data

Query Results

BizInt Smart Charts

for Patents

3.4



- Patent databases: STN, PatBase, MicroPatent, Questel (QPAT, Qweb, **Orbit**), Delphion, IDdb, Integrity, Thomson Pharma IP, **TotalPatent**, **Thomson Innovation**
- Non-patent literature databases: Embase, Biosis, Medline, Chemical Abstracts, etc.

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Gene sequence databases:

- GenomeQuest: GQPAT, GeneSeq
- STN: USGENE, **DGENE**, **PCTGEN**

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Generating Sequence IDs from Source Data

- Different ways to present Sequence ID
- Combine sequence number and publication number to create Sequence IDs
- Improves ability to find “duplicates” across databases and queries
- **TIP:** Include AN in USGENE/PCTGEN
Include PSL and DESC in DGENE

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Generating Sequence IDs from Source Data

Database	Patent Sequence Location	Sequence ID	Sequence #
GQPAT Nucleotides	disclosure	US7244585-0013	13
Derwent GeneSeq	Disclosure; SEQ ID NO 13; 47pp; English.	US7244585-0013	13

BizInt Smart Charts 2012

Combining without removing duplicates

- BizInt Smart Charts usually keeps only one copy of each record when combining charts
- A sequence may be retrieved by several queries, and you want to keep each result
- New option to combine without removing duplicate records

Duplicate row handling

Remove duplicate rows when combining

BizInt Smart Charts 2012

From February 2010 "Tips and Tricks"

GQPAT Proteins: Sample Sequence Chart						
	Title	Seq. ID Number	Patent Sequence Location	Alignment	Query ID	Query Results
110	Monoclonal antibody 1A7 and use for the treatment of melanoma and small cell carcinoma	US7517967-0066	disclosure	Q: 1 RSSQSIVHSNCHNTYLQ 16 S: 175 RSSQSIVHSNCHNTYLE 190	CDR1	Align len= 16 nt, Errors= 1, Identity= 93.75%, Similarity= 100.00% Query len= nt, pos= 1- 16 nt (fwd), Identity query= 93.75%, Nb gaps query= 0 Subject len= nt, pos= 175- 190 nt (fwd), Identity subj= 5.70%, Nb gaps subj= 0
111	Monoclonal antibody 1A7 and use for the treatment of melanoma and small cell carcinoma	US60509016-0066	disclosure	Q: 1 RSSQSIVHSNCHNTYLQ 16 S: 175 RSSQSIVHSNCHNTYLE 190	CDR1	Align len= 16 nt, Errors= 1, Identity= 93.75%, Similarity= 100.00% Query len= nt, pos= 1- 16 nt (fwd), Identity query= 93.75%, Nb gaps query= 0 Subject len= nt, pos= 175- 190 nt (fwd), Identity subj= 5.70%, Nb gaps subj= 0
112	Polynucleotides related to monoclonal antibody 1A7 and use for the treatment of melanoma and small cell carcinoma	US6935821-0066	disclosure	Q: 1 RSSQSIVHSNCHNTYLQ 16 S: 175 RSSQSIVHSNCHNTYLE 190	CDR1	Align len= 16 nt, Errors= 1, Identity= 93.75%, Similarity= 100.00% Query len= nt, pos= 1- 16 nt (fwd), Identity query= 93.75%, Nb gaps query= 0 Subject len= nt, pos= 175- 190 nt (fwd), Identity subj= 5.70%, Nb gaps subj= 0
113	Anti-IGF-1R antibodies and uses thereof	US7241444-0065	claim: 10, 11, 12	Q: 1 KVSRLLY 7 S: 55 KVSRLLY 61	CDR2	Align len= 7 nt, Errors= 0, Identity= 100.00%, Similarity= 100.00% Query len= nt, pos= 1- 7 nt (fwd), Identity query= 100.00%, Nb gaps query= 0 Subject len= nt, pos= 1- 7 nt (fwd), Identity subj= 100.00%, Nb gaps subj= 0
114	Anti-IGF-1R antibodies and uses thereof	US7241444-0054	claim: 5	Q: 1 KVSRLLY 7 S: 55 KVSRLLY 61	CDR2	Align len= 7 nt, Errors= 0, Identity= 100.00%, Similarity= 100.00% Query len= nt, pos= 1- 7 nt (fwd), Identity query= 100.00%, Nb gaps query= 0 Subject len= nt, pos= 55- 61 nt (fwd), Identity subj= 6.25%, Nb gaps subj= 0

TIP: Select Column Change for New 8pt

Better "Fixed Width" text handling for Alignment

- New text property "Fixed Width"
- Changes font to fixed width
- Preserves spaces when exporting to HTML

Fixed Width (e.g. Alignment)

Alignment	Alignment
Q: 1 KV--SNR-LY 7 S: 340 KVDSNRILY 349	Q: 1 KV--SNR-LY 7 S: 340 KVDSNRILY 349
Q: 1 K-VS--NRLY 7 S: 597 KLVSDLNRLY 606	Q: 1 K-VS--NRLY 7 S: 597 KLVSDLNRLY 606

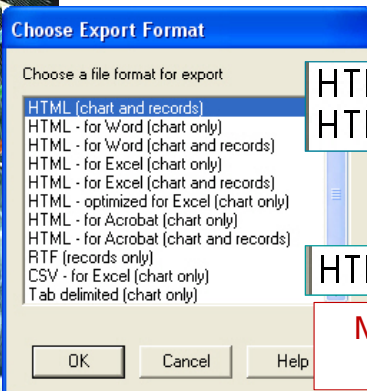
Fixed Width Alignment in Microsoft Word

GQPAT Proteins: Antibodies_GenomeQuest

	Title	Seq. ID Number	Patent Sequence Location	Organism Species	Alignment
1 Link	Nucleic acid sequences relating to <i>Bacteroides fragilis</i> for diagnostics and therapeutics	US7090973-6862	disclosure	<i>Bacteroides fragilis</i>	Q: 1 KV--SNR-LY 7 S: 340 KVDHNSNRILY 349
2 Link	Expression of microbial proteins in plants for production of plants with improved properties	US7314974-14121	disclosure	<i>Pseudomonas fluorescens</i>	Q: 1 K-VS--NRLY 7 S: 597 KLVSDLMRLY 606
3 Link	Anti-IGF-IR antibodies and uses thereof	US7241444-0002	claim: 1		Q: 1 RSSQSIVHSNGNTYLQ 16 S: 1 RSSQSIVHSNGNTYLQ 16
4 Link	Anti-IGF-IR antibodies and uses thereof	US7241444-0065	claim: 10; 11; 12		Q: 1 RSSQSIVHSNGNTYLQ 16 S: 24 RSSQSIVHSNGNTYLQ 39
5 Link	Anti-IGF-IR antibodies and uses thereof	US7241444-0054	claim: 5		Q: 1 RSSQSIVHSNGNTYLQ 16 S: 24 RSSQSIVHSNGNTYLQ 39

BizInt Smart Charts 2012

New Acrobat and Excel exports in Version 3.4



HTML - for Acrobat (chart only)
HTML - for Acrobat (chart and records)

HTML - optimized for Excel (chart only)

Note: Fixed Width doesn't work well in the optimized export (we're working on it)

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BizInt Smart Charts

Reference Rows™



- Version 1.0 released in late 2011.
- Information from related records is displayed in a **single "Reference Row"**.
- A representative value is chosen from among all cells in a group.
- Available as a separate utility working with patent, drug pipeline, and clinical trial reports.

BizInt Smart Charts 2012

Reference Rows: key features

Combined: Mousetraps (2005-2007)

Title	Database	Patent Family			Patent Assignee	Claims	Image
		Patent	Kind	Date			
1. Mouse trap used at home has enclosure which is provided with top and base having aperture and indentation that can be aligned to open enclosure for entry of mouse, such that contra-rotation of top relative to base is enabled to trap mouse.	1.1 DWPI	US 20070017149	A1	2007-01-25	RECKITT BENCKISER AUSTRALIA PTY LTD RECKITT BENCKISER UK LTD	1. A mousetrap comprising: an enclosure comprised of a top, a base and apertures located on each of the top and the base, wherein the enclosure is in an open position upon substantial alignment of the apertures; and a trigger mechanism comprising a lever arrangement and a biasing means operably connected to the top and the base, wherein the lever arrangement defines a gap, wherein the enclosure, [CONT]	
	1.2 Innov	AU 2004292376	A1				
	1.3 Innov	BR P104160762	A1				
	1.4 Innov	BR P10416076	A				
	1.5 TOTALPAT	EP 1691603	A1				
	1.6 TOTALPAT	GB 0325446	D0				
	1.7 TOTALPAT	GB 325446	D0				
	1.8 FAMPAT	KR 1020060110287	A				
	1.9 Patbase	KR 20060110287	A				
2. Animal e.g. mouse, trap for use in e.g. house, has safety arm attached to top portion of screw attachment and maneuvered over bow, where safety arm is rotated by user with use of lever.	2.1 DWPI	US 20060064922	A1	20060330	CRIDER J B CRISPENS J R	What is claimed is: 1. A safety device comprising: (a) a screw attachment having a plurality of threads; (b) a lever located on the screw attachment; and (c) a safety arm located on the screw attachment;	
	2.2 Innov	WO 200639767	A2	20060406			
	2.3 TOTALPAT						
	2.4 FAMPAT						
	2.5 Patbase						
3. Mousetrap comprises box-shaped lower housing	3.1 TOTALPAT	DE 202004016935	U1	2005-03-31	Haffner, Heino, 12045 Berlin, DE	1. Case for catching mice and similar small animals,	

Reference Row

Reference Rows: a sample patent report

Combined: Mousetraps (2005-2007)

Title	Database	Patent Family			Patent Assignee	Claims	Image
		Patent	Kind	Date			
1. Mouse trap uses enclosure provided with top base having an indentation that aligned to open for entry of mouse that contra-rotates relative to base to trap mouse.	1.1 DWPI	US 20070017149	A1	2007-01-25	RECKITT BENCKISER AUSTRALIA PTY LTD RECKITT BENCKISER UK LTD	1. A mousetrap comprising: an enclosure comprised of a top, a base and apertures located on each of the top and the base, wherein the enclosure is in an open position upon substantial displacement of the enclosure;	
	1.2 Innov	AU 2004292376	A1				
	1.3 Innov	BR P104160762	A1				
	1.4 Innov	BR P10416076	A				
	1.5 TOTALPAT	EP 1691603	A1				
	1.6 TOTALPAT	GB 0325446	D0				
	1.7 TOTALPAT	GB 325446	D0				
	1.8 FAMPAT	KR 1020060110287	A				
	1.9 Patbase	KR 20060110287	A				
	2.1 DWPI	US 20090288332	A1				
	2.2 Innov	US 7506471	B2				
	2.3 TOTALPAT	WO 2005051079	A1				
	2.4 FAMPAT	00603453	A				
	2.5 Patbase						
	2.6 TOTALPAT						
	2.7 FAMPAT						
	2.8 FAMPAT						
	2.9 Patbase						
	2. Animal e.g. mouse, trap for use in e.g. house, has safety arm attached to top portion of screw attachment and maneuvered over where safety arm is rotated by user with lever.	2.1 DWPI	US 20060064922	A1			
2.2 Innov		WO 200636767	A2	20060406			
2.3 TOTALPAT		WO 200636767	A3	20060914			
2.4 FAMPAT		US 20070151140	A1	20070705			
2.5 Patbase							
3. Mousetrap comprises box-shaped lower housing	3.1 TOTALPAT	DE 202004016935	U1	2005-03-31	Haffner, Heino, 12045 Berlin, DE	1. Case for catching mice and similar small animals,	
	3.2 Innov						



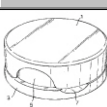
A Reference Row summarizes related records from several sources.

Each representative cell in a Reference Row is selected from one of the source documents.




Reference Rows: a sample patent report

Combined: Mousetraps (2005-2007)

Title	Database	Patent Family			Patent Assignee	Claims	Image
		Patent	Kind	Date			
1. Mouse trap used at home has enclosure which is provided with top and base having aperture and indentation that can be aligned to open enclosure for entry of mouse, such that contra-rotation of top relative to base is enabled to trap mouse.	1.1 DWPI	US 20070017149	A1	2007-01-25	RECKITT	1. A mousetrap comprising:	
	1.2 Innov	AU 2004292376	A1				
	1.3 Innov	BR P104160762	A1				
	1.4 Innov	BR P10416076	A				
	1.5 TOTALPAT	EP 1691603	A1				
	1.6 TOTALPAT	GB 0325446	D0				
	1.7 TOTALPAT	GB 325446	D0				
	1.8 FAMPAT	KR 1020060110287	A				
	1.9 Patbase	KR 20060110287	A				
	2.1 DWPI	US 20090288332	A1				
	2.2 Innov	US 7506471	B2				
	2.3 TOTALPAT	WO 2005051079	A1				
	2.4 FAMPAT	00603453	A				
	2.5 Patbase						
	2.6 TOTALPAT						
	2.7 FAMPAT						
	2.8 FAMPAT						
	2.9 Patbase						
	2. Animal e.g. mouse, trap for use in e.g. house, has safety arm attached to top portion of screw attachment and maneuvered over bow, where safety arm is rotated by user with use of lever.	2.1 DWPI	US 20060064922	A1			
2.2 Innov		WO 200636767	A2	20060406			
2.3 TOTALPAT		WO 200636767	A3	20060914			
2.4 FAMPAT		US 20070151140	A1	20070705			
2.5 Patbase							
3. Mousetrap comprises box-shaped lower housing	3.1 TOTALPAT	DE 202004016935	U1	2005-03-31	Haffner, Heino, 12045 Berlin, DE	1. Case for catching mice and similar small animals,	
	3.2 Innov						

Combined: Mousetraps (2005-2007)								
	Title	Database	Patent Family			Patent Assignee	Claims	Image
			Patent	Kind	Date			
1.1	Mouse trap used at home has enclosure which is provided with top and base having aperture and indentation that can be aligned to open enclosure for entry of mouse, such that contra-rotation of top relative to base is enabled to trap mouse.	Derwent World Patents Index	W/O 2005051079 EP 1691603	A1 A1	20050609 20060823	RECKITT BENCKISER AUSTRALIA PTY LTD RECKITT BENCKISER UK LTD		
1.2	MOUSETRAP	FAMPAT	GB 200325446 W/O 200551079 AU 2004292376 EP 1691603 KR 20060110287 BR 2004110287 US 20070017149 IN 200601914 ZA 200603453 US 7506471 US 200902883	D0 A1 A1 A1 A A A1 A P4 A B2 A1	20031203 20050609 20050609 20060823 20061024 20070102 20070125 20070125 20070125 20070125	AU RECKITT BENCKISER PTY LTD RECKITT BENCKISER AUSTRALIA PTY LTD RECKITT BENCKISER (AUSTRALIA) PTY LIMITED RECKITT BENCKISER AU PTY LTD RECKITT BENCKISER PTY LTD RECKITT BENCKISER		
1.3	Mouse trap used at home has enclosure which is provided with top and base having aperture and indentation that can be aligned to open enclosure for entry of mouse, such that contra-rotation of top relative to base is enabled to trap mouse	Thomson Innovation + DWPI	W/O 2005051079 EP 1691603 AU 2004292376 BR 200416076 US 20070017149 KR 2006110287 IN 200601914 ZA 200603453 US 7506471 US 200902883	A1 A1 A1 A A1 A P4 A B2 A1	2006-08-23	RECKITT BENCKISER AUSTRALIA PTY LTD RECKITT BENCKISER UK LTD		
1.4	Mouse trap used at home has enclosure which is provided with top and base having aperture and indentation that can be aligned to open enclosure for entry of mouse, such that contra-rotation of top relative to base is enabled to trap mouse	Thomson Innovation + DWPI	W/O 2005051079 EP 1691603 AU 2004292376 BR 200416076 US 20070017149 KR 2006110287	A1 A1 A1 A A1 A	2007-01-25	RECKITT BENCKISER AUSTRALIA PTY LTD RECKITT BENCKISER UK LTD	1. A mousetrap comprising: an enclosure comprised of a top, a base and apertures located on each of the top and the base, wherein the enclosure is in an open position upon substantial alignment of the apertures; and a trigger mechanism comprising a	

The check marks indicated the selected cell in the software.

Combined: Mousetraps (2005-2007)								
	Title	Database	Patent Family			Patent Assignee	Claims	Image
			Patent	Kind	Date			
1.1	Mouse trap used at home has enclosure which is provided with top and base having aperture and indentation that can be aligned to open enclosure for entry of mouse, such that contra-rotation of top relative to base is enabled to trap mouse.	Derwent World Patents Index	W/O 2005051079 EP 1691603	A1 A1	20050609 20060823	RECKITT BENCKISER AUSTRALIA PTY LTD RECKITT BENCKISER UK LTD		
1.2	MOUSETRAP	FAMPAT	GB 200325446 W/O 200551079 AU 2004292376 EP 1691603 KR 20060110287 BR 2004110287 US 20070017149 IN 200601914 ZA 200603453 US 7506471 US 200902883	D0 A1 A1 A1 A A A1 A P4 A B2 A1	20031203 20050609 20050609 20060823 20061024 20070102 20070125 20070125 20070125	AU RECKITT BENCKISER PTY LTD RECKITT BENCKISER AUSTRALIA PTY LTD RECKITT BENCKISER (AUSTRALIA) PTY LIMITED RECKITT BENCKISER AU PTY LTD RECKITT BENCKISER PTY LTD RECKITT BENCKISER		
1.3	Mouse trap used at home has enclosure which is provided with top and base having aperture and indentation that can be aligned to open enclosure for entry of mouse, such that contra-rotation of top relative to base is enabled to trap mouse	Thomson Innovation + DWPI	W/O 2005051079 EP 1691603 AU 2004292376 BR 200416076 US 20070017149 KR 2006110287	A1 A1 A1 A A1 A	2007-01-25	RECKITT BENCKISER AUSTRALIA PTY LTD RECKITT BENCKISER UK LTD	1. A mousetrap comprising: an enclosure comprised of a top, a base and apertures located on each of the top and the base, wherein the enclosure is in an open position upon substantial alignment of the apertures; and a trigger mechanism comprising a	

Database Ranking

Data in cells will be chosen according to the Database Ranking if no other rule is present or if there is a tie in the rules.

Rank the databases in your preferred order

- Derwent World Patents Index
- Thomson Innovation + DWPI
- TotalPatent
- FAMPAT
- PatBase

Move Up

OK Cancel

A cell is selected based on your ranking of the databases... skipping empty cells until a value is found (as in Claims here).

Combined: Mousetraps (2005-2007)

	Title	Database	Patent Family			Patent Assignee	Claims	Image
			Patent	Kind	Date			
1.1	Mouse trap used at home has enclosure which is provided with top and base having aperture and indentation that can be aligned to	Derwent World Patents Index	WO 2005051079 EP 1691603	A1 A1	20050609 20060823	RECKITT BENCKISER AUSTRALIA PTY LTD RECKITT BENCKISER UK LTD		
1.2								
1.3								
1.4	Mouse trap used at home has enclosure which is provided with top and base having aperture and indentation that can be aligned to open enclosure for entry of mouse, such that contra-rotation of top relative to base is enabled to trap mouse	Derwent World Patents Index DWPI	WO 2005051079 AU 2004292376 BR 200416076 US 20070017149 KR 2006110287	A1 A1 A A1 A	20050609 2007-01-25	RECKITT BENCKISER AUSTRALIA PTY LTD RECKITT BENCKISER UK LTD	1. A mousetrap comprising: an enclosure comprised of a top, a base and apertures located on each of the top and the base, wherein the enclosure is in an open position upon substantial alignment of the apertures; and a trigger mechanism comprising a	

Cell Selection Rule - Patent Assignee

Patent Assignee

Choose how Reference Rows will select data for this column.

Selection Rule: Most Recently Updated

Match column: Use database ranking, Earliest Date, Latest Date, Most Content (characters), Most Content (lines), Highest Development Phase, **Most Recently Updated**, Match Column

Database Ranking for this column: Derwent World Patents Index, MicroPatent, TotalPatent, PatBase, FAMPAT, Thomson Innovation + DWPI

OK Cancel

You can specify a more specific rule to select the representative cell, including a database ranking just for a particular column.

Combined: Mousetraps (2005-2007)

	Title	Database	Patent Family			Patent Assignee	Claims	Image
			Patent	Kind	Date			
1.1	Mouse trap used at home has enclosure which is provided with top and base having aperture and indentation that can be aligned to	Derwent World Patents Index	WO 2005051079 EP 1691603	A1 A1	20050609 20060823	RECKITT BENCKISER AUSTRALIA PTY LTD RECKITT BENCKISER UK LTD		
1.2	MOUSETRAP					AU RECKITT BENCKISER PTY LTD RECKITT BENCKISER (AUSTRALIA) PTY LIMITED RECKITT BENCKISER AU PTY LTD RECKITT BENCKISER PTY RECKITT BENCKISER		
1.3	Mouse trap used at home has enclosure which is provided with top and base having aperture and indentation that can be aligned to open enclosure for entry of mouse, such that contra-rotation of top relative to base is enabled to trap mouse	Thomson Innovation + DWPI	WO 2005051079 EP 1691603 AU 2004292376 BR 200416076 US 20070017149 KR 2006110287	A1 A1 A1 A A1 A	20050609 2007-01-25	RECKITT BENCKISER AUSTRALIA PTY LTD RECKITT BENCKISER UK LTD	1. A mousetrap comprising: an enclosure comprised of a top, a base and apertures located on each of the top and the base, wherein the enclosure is in an open position upon substantial alignment of the apertures; and a trigger mechanism comprising a	
1.4	Mouse trap used at home has enclosure which is provided with top and base having aperture and indentation that can be aligned to open enclosure for entry of mouse, such that contra-rotation of top relative to base is enabled to trap mouse	Thomson Innovation + DWPI	WO 2005051079 EP 1691603 AU 2004292376 BR 200416076 US 20070017149 KR 2006110287	A1 A1 A1 A A1 A	20050609 2007-01-25	RECKITT BENCKISER AUSTRALIA PTY LTD RECKITT BENCKISER UK LTD	1. A mousetrap comprising: an enclosure comprised of a top, a base and apertures located on each of the top and the base, wherein the enclosure is in an open position upon substantial alignment of the apertures; and a trigger mechanism comprising a	

Edit Column Rule

Select this cell

Records

Record on Publisher Website

Publisher Images

View Image

Column Properties...

Row Properties...

Hide Column

Highlight cells Ctrl+L

Highlight rows Ctrl+Shift+L

Cut Ctrl+X

Copy Ctrl+C

Paste Ctrl+V

And you can always override the rules and select a specific cell.

Reference Rows: sequence report issues

Title	Common Family	Database	Accession Number	Sequence ID	Patent Sequence Location	Organism Species	
5. Composition comprising the monoclonal antibody 8H9 useful for reducing tumor cells in a subject, evaluating the tumor bearing potential of a subject or screening new anti-tumor compounds.	US7737258	5.1	GENESEQ	ABM78999	EP1572077-0002	Disclosure; Fig 34; 190pp; English.	Mus sp. Synthetic
		5.2	GENESEQ				
		5.3	GENESEQ				
		5.4	GENESEQ				
		5.5	GPATPRT				
		5.6	GPATPRT				
		5.7	GPATPRT				
		5.8	GPATPRT				
		5.9	GPATPRT				
		5.10	GPATPRT				
		5.11	GPATPRT				
		5.12	GPATPRT				
		5.13	GPATPRT				
		5.14	GPATPRT				
		5.15	GPATPRT				
		5.16	GPATPRT				
		5.17	GPATPRT				
		5.18	GPATPRT				
		5.19	GPATPRT				
		5.20	GPATPRT				
		5.21	GPATPRT				
		5.22	GPATPRT				
		5.23	GPATPRT				
		5.24	GPATPRT				

Problem 1: This family has 48 sequence records in the report!

Proposed solution: Group based on publication or sequence ID

Reference Rows: sequence report issues

	Database	Accession Number	Sequence ID	Patent Sequence Location	Organism Species	Query ID	Percentage Identity	Subject Alignment
16.1	GQPAT Proteins	EP2287190-017	EP2287190-0017	probable disclosure (not found by automated parsing)	Mus musculus (house mouse)	Seq-A	80.00	27
16	GQPAT Proteins	EP2287190-017			Mus musculus (house mouse)	Seq-B	70.00	55
16.1	GPATPRT				Mus musculus (house mouse)	Seq-A	80.00	27
16.2	GPATPRT							
16.3	GPATPRT							
16.4	GPATPRT							
16.5	GPATPRT							
16.6	GPATPRT							
16.7	GPATPRT							
16.8	GPATPRT							
.6		7-0038	8	not in GQ-Pat	(house mouse)			
16.7	GQPAT Proteins	WO0185797-017	WO0185797-0017	probable disclosure (not found by automated parsing)	Mus musculus (house mouse)	Seq-A	80.00	27
16.8	GQPAT Proteins	WO0185797-017	WO0185797-0017	probable disclosure (not found by automated parsing)	Mus musculus (house mouse)	Seq-B	70.00	55

Problem 2: Selecting a representative value loses meaningful information

Reference Rows: sequence report issues

Proposed Solution 2:
New rule to summarize
values in a Reference Row

Summarized Data			
Query ID	Percentage Identity	Subject Alignment Start	
Seq-A	80.00	27	16.1
Seq-B	70.00	55	16.2
Seq-A	80.00	27	16.3
Seq-B	70.00	55	16.4
Seq-A	80.00	27	16.5
Seq-B	70.00	55	16.6
Seq-A	80.00	27	16.7
Seq-B	70.00	55	16.8

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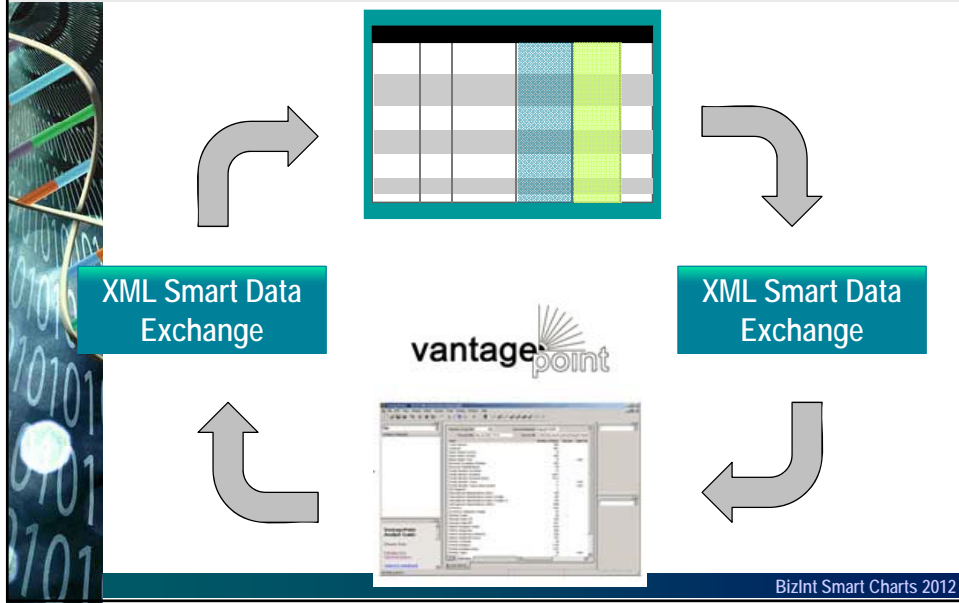
Vantage Point – Smart Charts Edition



- Provides Vantage Point tools to normalize and enhance BizInt Smart Charts reports.
- Scheduled for release in mid 2012; many features are working now.
- *Combined with Reference Rows*, helps you create **deduplicated** & **normalized** multi-database reports.
- Key is the XML Smart Data Exchange

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XML Smart Data Exchange



BizInt Smart Charts 2012

Enhance reports – normalize, filter & cluster

Mousetraps 2005-2007 (DWPI, MP, PatBase, TP, Orbit, Innov) with Vantage Point enhanced data

	Title	Database	Technology Clusters (Vantage Point)	Patent Assignee	Assignees - Companies Only (Vantage Point)	Inventor(s)	Inventor(s) - Normalized (Vantage Point)
1	Mousetrap	PatBase	Capture	RECKITT BENCKISER AU PTY LTD RECKITT BENCKISER UK LTD RODGERS BRENDYN MURRAY WATSON DUNCAN MCLEOD WEST JEFFREY	RECKITT BENCKISER	RODGERS BRENDYN M RODGERS BRENDYN MURRAY WATSON DUNCAN M WATSON DUNCAN MCLEOD WATSON DUNCAN MCLEOD WEST JEFFREY	RODGERS BRENDYN MURRAY WATSON, Duncan, McLeod WEST, Jeffrey WATSON DUNCAN MCLEOD
2	Mouse trap used at home has enclosure which is provided with top and base having aperture and indentation that can be aligned to open enclosure for entry of mouse, such that contra rotation of top relative to base is enabled to trap mouse	Thomson Innovation + DWPI	Capture	RECKITT BENCKISER RECKITT BENCKISER AUSTRALIA PTY LTD RECKITT BENCKISER UK LTD	RECKITT BENCKISER	RODGERS, Brendyn, Murray WATSON, Duncan, McLeod WEST, Jeffrey	RODGERS BRENDYN MURRAY WATSON, Duncan, McLeod WEST, Jeffrey
3	Portable electrical mouse trap	TotalPatent	Kill	JORDAN, SR, CHARLES			
4	Safety disposable mouse trap	FAMPAT	Kill			CRISPENS JACQUELYN R CRIDER JACK B SR	CRIDER, Jack B Sr Crispens, Jacquelyn, R.
5	Mousetrap	PatBase	Capture	RECKITT BENCKISER NV RECKITT BENCKISER AU PTY LTD	RECKITT BENCKISER	WATSON DUNCAN MCLEOD WATSON DUNCAN M RODGERS BRENDYN MURRAY RODGERS BRENDYN M	RODGERS BRENDYN MURRAY WATSON, Duncan, McLeod
6	Mousetrap for use in garden, has catch container designed as bottle and is twistably supported on a plate of support with a vertical axis through center of container	TotalPatent	Capture	Wenk, Karl-Heinz, 58455 Witten, DE		Wenk, Karl-Heinz, 58455 Witten, DE	WENK KARL HEINZ
7	High voltage electronic rat eradication equipment	FAMPAT	Kill	XIANGMING HIGH SCHOOL SHANGHAI	SHANGHAI XIANGMING HIGH SCHOOL	HUANG ZENGXIN YAN	HUANG ZENGXIN YAN

Normalized names

Filtered Assignees

Technology clusters

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