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SAGExplore web server tutorial for Module III: Library Mapping

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III.- Library Mapping Module:

This module allows the user to map experimental tags against known experimental libraries of SAGE tags.

			Library Mapp
Map your TAGs within a SA	GE library		
This section allows to find TAGs w	vithin a SAGE library.		
Step 1 Organism ?	Step 2 Anchoring-Tagging Enzyme Pair 👔	Step 3 Libraries ?	
Saccharomyces cerevisiae 💌	NlaIII - BsmFI 💌	All libraries	×
Step 4 Input Data ?			
Browse			
OR Fill in TAG list			
Output Display Options			
Show 50 💽 Sort by	User order 💽 Descending ⊻		Submit Reset
	Poptificia Universidad Católica de Chile	MBL Terms of Use	
	Fondhold onlyersidad Catolica de Chile	Liner L terms of ose	

III.- Library Mapping Module Form: The user must follow four sequential steps in this form. Online help with the relevant details is provided for each step.

			Libra	ry Mapping
	Map your TAGs within a SAGE library			
100	This section allows to find TAGs within a SAGE library.			
	Step 1 Organism ? Step 2 Anchoring-Tagging Enzyme Pair ?	Step 3 Libraries ?		
IENON	Saccharomyces cerevisiae 💌 🛛 NlaIII - BsmFI 💌	All libraries		~
9	Step 4 Input Data ?			
NIGAN	Browse			
ME	OR Fill in TAG list			
BEN O				
<u> </u>				
DNIC				
MAPI	Output Display Options			
LARY	Show 50 Sort by User order 💌 Descending 🛩		Submit	Reset
LIBR				
	Pontificia Universidad Católica de Chile M	IBL Terms of Use		
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Step 1: The user must select the organism of interest. Currently, only Saccharomyces cerevisiae is available. In the near future, other organisms will be added.

		Library Mapping
Map your TAGs within a SAGE library		
This section allows to find TAGs within a SAGE library.		
Step 1 Organism ? Step 2 Anchoring-Tagging Enzyme Pair ?	Step 3 Libraries ?	
Saccharomyces cerevisiae 💌 🛛 NlaIII - BsmFI 💌	All libraries	~
Step 4 Input Data Upload text file Browse OR Fill in TAG list		
Output Display Options ? Show 50 Sort by User order Descending		Submit Reset
Pontificia Universidad Católica de Chile MBI	L Terms of Use	
©2007 SAGExplore. All rights rese	erved.	

Step 2: The user must select the anchoring-tagging enzyme pair used in SAGE. Currently, only the pair NIaIII-BsmFI is available. In the near future, other enzyme pairs such as the one used in Long-SAGE will be added.

				Libra	ry Mapping
Map your TAGs within a	SAGE library				
This section allows to find TAC	Ss within a SAGE library.				
Step 1 Organism ?	Step 2 Anchoring-Tagging Enzyn	ne Pair ? Step 3	Libraries ?		
Saccharomyces cerevisiae	NlaIII - BsmFI 💌	All libr	raries		×
Step 4 Input Data ?					
Upload text file Browse					
OR Fill in TAG list	·····				
Output Display Options					
Show 50 Sort t	V User order V Descending V	7		Submit	Reset
				Sabinic	(Keset
	Pontificia Universidad Católica	de Chile MBL Terr	ms of Use		
	©2007 SACEvolor	 All rights recorved 			

Step 3: The user must select an experimental library of SAGE tags. By default, all libraries will be selected. In the case of Saccharomyces cerevisiae, eight independent libraries have been reported and are included in the server.

			Library Mapping
Map your TAGs within a SA	GE library		
This section allows to find TAGs w	vithin a SAGE library.		
Step 1 Organism 🥐	Step 2 Anchoring-Tagging Enzyme Pair	? Step 3 Libraries ?	
Saccharomyces cerevisiae 💌	NIaIII - BsmFI 💌	All libraries	
Ster 4 Input Data 2			
Upload text file			
Browse			
OR Fill in TAG list			
Output Display Options			
Show 50 💽 Sort by	User order 💌 Descending 💌		Submit Reset
	Pontificia Universidad Católica de Chile	MBL Terms of Use	

Step 4: The user must provide a list of experimental tags to map against the known experimental libraries of tags. A text file can be uploaded or the data directly pasted into the textarea. The input format is explained in the help link for this step. The full tag sequences must be provided (ie. including the CATG sequence at the 5' end).

				Librar	y Mapping
Map your TAGs within a SA	GE library				
This section allows to find TAGs w	ithin a SAGE library.				
Step 1 Organism ?	Step 2 Anchoring-Taggi	ng Enzyme Pair ?	Step 3 Libraries ?		
Saccharomyces cerevisiae 💌	NlaIII - BsmFI 💌		All libraries		
Step 4 Input Data ? Upload text file Browse OR Fill in TAG list					
Output Display Options ? Show 50 Sort by	User order 💽 Desc	ending 🖌		Submit	Reset
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	Ponuficia Universida ©2007	SAGExplore, All rights res	served.		

Pre-submit: Before submitting the query, the user can choose the number of rows to display per page and also how to sort the results.

				Library Mapping
Map your TAGs within a SA	AGE library			
This section allows to find TAGs	within a SAGE library.			
Step 1 Organism 🥐	Step 2 Anchoring	g-Tagging Enzyme Pair 💡	Step 3 Libraries	?
Saccharomyces cerevisiae 💌	NlaIII - BsmFI 💌		All libraries	
Sten 4 Input Data 2				
Upload text file				
Browse				
OR Fill in TAG list				
Output Display Options				
Show 50 💉 Sort by	User order	Descending M		Submit Reset
	Pontificia Ur	niversidad Católica de Chile M	1BL Terms of Use	
		©2007 SAGExplore. All rights re	eserved.	

Submit: The user is ready to submit the query to the server.

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Library Mapping

Show	50 💌									Download all	Results
You subm	nitted 1,622 TAGs.										Next
N	Sequence	var-1	var-2	var-3	vel-1	vel-2	vel-3	kal-1	kal-2	Counts	Info
1	CATGAAAAATGAGG	9	0	0	0	5	0	2	0	900	51
2	CATGAGACCAATCC	0	4	3	0	0	0	0	0	043	-
з	CATGAGAGCTTTTA	12	0	76	5	1	1	0	0	12 0 76	
4	CATGAGAGGTGATC	0	0	17	0	0	0	0	0	0017	-
5	CATGATAAGACAGT	0	4	10	1	2	0	0	0	0410	52
6	CATGATATCAAAAA	6	17	0	7	8	0	0	0	6 17 0	-
7	CATGATGGCGAGTA	0	8	10	0	0	0	0	0	0 8 10	51
8	CATGATTCTCTTTT	3	4	0	0	0	0	4	5	340	-
9	CATGCAACTTGTGA	3	0	6	З	2	1	0	0	306	
10	CATECAGATCTEAG	0	0	10	0	0	0	0	0	0010	-
11	CATGCAGCAAAAGA	0	0	10	0	0	0	0	0	0010	
12	CATGAAAAGATCAT	3	4	з	5	19	з	0	0	343	-
13	CATGCCAGGTCGTA	6	17	44	2	2	2	8	1	6 17 44	
14	CATECCATACAGET	6	0	0	0	14	2	0	0	600	-
15	CATGCCTGTTTGAG	3	0	27	42	14	31	5	1	3 0 27	
16	CATGCGAAGTCAAA	6	8	6	1	2	0	з	0	686	-
17	CATGCGTCAGTGTG	9	17	0	0	0	0	0	0	9 17 0	51
18	CATGCTCATTATCT	0	0	6	0	0	0	0	0	006	-
19	CATGCTCTTGCCAA	0	0	20	0	0	2	2	0	0 0 20	
20	CATGGAACTCCACA	3	4	0	0	1	3	0	0	340	-

Query Results: Typical output of the Library Mapping Form.

Map yo	ur TAGs within a SAGI	E library: R	esults								
This secti	ion allows to find TAGs with	nin a SAGE lib	rary.								
Show	50 💌									Download al	l Results
You subm	nitted 1,622 TAGs.		Next								
N	Sequence	var-1	var-2	var-3	vel-1	vel-2	vel-3	kal-1	kal-2	Counts	Info
1	CATGAAAAATGAGG	9	0	0	0	5	0	2	0	900	52
2	CATGAGACCAATCC	0	4	З	0	0	0	0	0	043	-
3	CATGAGAGCTTTTA	12	0	76	5	1	1	0	0	12 0 76	7.1
4	CATGAGAGGTGATC	0	0	17	0	0	0	0	0	0017	-
5	CATGATAAGACAGT	0	4	10	1	2	0	0	0	0 4 10	70
6	CATGATATCAAAAA	6	17	0	7	8	0	0	0	6 17 0	-
7	CATGATGGCGAGTA	0	8	10	0	0	0	0	0	0 8 10	70
8	CATGATTCTCTTT	з	4	0	0	0	0	4	5	340	-
9	CATGCAACTTGTGA	з	0	6	З	2	1	0	0	306	7.1
10	CATGCAGATCTGAG	0	0	10	0	0	0	0	0	0010	-
11	CATGCAGCAAAAGA	0	0	10	0	0	0	0	0	0 0 10	7.0
12	CATGAAAAGATCAT	з	4	З	5	19	3	0	0	343	-
13	CATGCCAGGTCGTA	6	17	44	2	2	2	8	1	6 17 44	70
14	CATGCCATACAGGT	6	0	0	0	14	2	0	0	600	-
15	CATGCCTGTTTGAG	з	0	27	42	14	31	5	1	3 0 27	7.1
16	CATGCGAAGTCAAA	6	8	6	1	2	0	З	0	686	-
17	CATGCGTCAGTGTG	9	17	0	0	0	0	0	0	9 17 0	70
18	CATGCTCATTATCT	0	0	6	0	0	0	0	0	006	-
19	CATGCTCTTGCCAA	0	0	20	0	0	2	2	0	0 0 20	70
20	CATGGAACTCCACA	3	4	0	0	1	3	0	0	340	+ 1

Query Results: The total number of records that matched the query are reported. Also, the total number of tags that did not match any record in the known libraries out of the total number of submitted tags is given.

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Library Mapping

how 5	50 💌									Download al	Results
'ou subm	itted 1,622 TAGs.										Nex
N	Sequence	var-1	var-2	var-3	vel-1	vel-2	vel-3	kal-1	kal-2	Counts	Info
1	CATGAAAAATGAGG	9	0	0	0	5	0	2	0	900	51
2	CATGAGACCAATCC	0	4	З	0	0	0	0	0	043	-
з	CATGAGAGCTTTTA	12	0	76	5	1	1	0	0	12 0 76	
4	CATGAGAGGTGATC	0	0	17	0	0	0	0	0	0017	-
5	CATGATAAGACAGT	0	4	10	1	2	0	0	0	0 4 10	
6	CATGATATCAAAAA	6	17	0	7	8	0	0	0	6 17 0	-
7	CATGATGGCGAGTA	0	8	10	0	0	0	0	0	0 8 10	
8	CATGATTCTCTTTT	3	4	0	0	0	0	4	5	340	-
9	CATGCAACTTGTGA	з	0	6	з	2	1	0	0	306	51
10	CATGCAGATCTGAG	0	0	10	0	0	0	0	0	0010	-
11	CATGCAGCAAAAGA	0	0	10	0	0	0	0	0	0010	51
12	CATGAAAAGATCAT	3	4	З	5	19	з	0	0	343	-
13	CATGCCAGGTCGTA	6	17	44	2	2	2	8	1	6 17 44	51
14	CATGCCATACAGGT	6	0	0	0	14	2	0	0	600	-
15	CATGCCTGTTTGAG	3	0	27	42	14	31	5	1	3 0 27	51
16	CATGCGAAGTCAAA	6	8	6	1	2	0	з	0	686	-
17	CATGCGTCAGTGTG	9	17	0	0	0	0	0	0	9 17 0	-
18	CATGCTCATTATCT	0	0	6	0	0	0	0	0	006	-
19	CATGCTCTTGCCAA	0	0	20	0	0	2	2	0	0 0 20	-
20	CATGGAACTCCACA	3	4	0	0	1	з	0	0	340	-

Query Results: Only a fraction of the results is displayed. This option can be easily changed by selecting a different number of rows to display or the next button used to go to the next page.

ABOUT TUTORIAL HISTORY USEFULLINKS DOWNLOAD

Library Mapping

Show 5	50 💌									Download al	I Results
'ou subm	itted 1,622 TAGs.										Next
N	Sequence	var-1	var-2	var-3	vel-1	vel-2	vel-3	kal-1	kal-2	Counts	Info
1	CATGAAAAATGAGG	9	0	0	0	5	0	2	0	900	51
2	CATGAGACCAATCC	0	4	З	0	0	0	0	0	043	-
3	CATGAGAGCTTTTA	12	0	76	5	1	1	0	0	12 0 76	51
4	CATGAGAGGTGATC	0	0	17	0	0	0	0	0	0017	-
5	CATGATAAGACAGT	0	4	10	1	2	0	0	0	0 4 10	
6	CATGATATCAAAAA	6	17	0	7	8	0	0	0	6 17 0	-
7	CATGATGGCGAGTA	0	8	10	0	0	0	0	0	0 8 10	51
8	CATGATTCTCTTT	3	4	0	0	0	0	4	5	340	-
9	CATGCAACTTGTGA	3	0	6	з	2	1	0	0	306	51
10	CATGCAGATCTGAG	0	0	10	0	0	0	0	0	0010	-
11	CATGCAGCAAAAGA	0	0	10	0	0	0	0	0	0 0 10	51
12	CATGAAAAGATCAT	з	4	3	5	19	З	0	0	343	-
13	CATGCCAGGTCGTA	6	17	44	2	2	2	8	1	6 17 44	-
14	CATGCCATACAGGT	6	0	0	0	14	2	0	0	600	+ :
15	CATGCCTGTTTGAG	3	0	27	42	14	31	5	1	3 0 27	5
16	CATGCGAAGTCAAA	6	8	6	1	2	0	з	0	686	-
17	CATGCGTCAGTGTG	9	17	0	0	0	0	0	0	9 17 0	51
18	CATGCTCATTATCT	0	0	6	0	0	0	0	0	006	-
19	CATGCTCTTGCCAA	0	0	20	0	0	2	2	0	0 0 20	-
20	CATGGAACTCCACA	3	4	0	0	1	3	0	0	340	-

Query Results: The full table can be downloaded as tab-delimited text (compressed file or tar.gzipped).

											Library /	Mapping
Map yo	our TAGs with	in a SAGE	library: Re	esults								
This sect	tion allows to find	d TAGs within	n a SAGE lib	rary.								
Show [50 💌										Download all	Results
You subr	mitted 1,622 TA	Gs.										Next
N N	Seque		- A.		7.F	4.	A.				Counts	Info
9 1	CATGAAAA	SAGExpl	lore								900	52
2	CATGAGAC										043	-
3	CATGAGAG	Downloa	d All Resu	ults							12 0 76	51
4	CATGAGAG										0017	-
5	CATGATAA	SACEVE	OPE-1272	507-2006	May 19+	ar an					0 4 10	51
6	CATGATAT	SAGEAPL	ORE-1275.	507-2000-	-May-10.0	ar .yz					6 17 0	-
0 7	CATGATGG	Note: Thi	s file will st	tay at this	site for 5	brs					0 8 10	51
8	CATGATTC	110001 111	5 1110 11111 5	tay at ano	5100 101 0						340	-
M 9	CATGCAAC										306	51
10 IO	CATGCAGA										0010	-
11	CATGCAGCA.	AAAGA	0	0	10	0	0	0	0	0	0 0 10	-
12	CATGAAAAG	ATCAT	3	4	З	5	19	з	0	0	343	-
13	CATGCCAGG	ICGTA	6	17	44	2	2	2	8	1	6 17 44	
14	CATGCCATA	CAGGT	6	0	0	0	14	2	0	0	600	-
15	CATGCCTGT	TTGAG	з	0	27	42	14	31	5	1	3 0 27	51
16	CATGCGAAG	TCAAA	6	8	6	1	2	0	3	0	686	-
17	CATGOGTCA	GTGTG	9	17	0	0	0	0	0	0	9 17 0	51
18	CATGCTCAT	FATCT	0	0	6	0	0	0	0	0	006	-
19	CATGCTCTT	GCCAA	0	0	20	0	0	2	2	0	0 0 20	-
20	CATGGAACT	CCACA	3	4	0	0	1	3	0	0	340	- 1

Query Results: Compressed files for download are kept for 5 hours at the server and then deleted. By clicking on the filename, the file is downloaded.

how 50 Download all Ro													
N	Sequence	var-1	var-2	var-3	vel-1	vel-2	vel-3	kal-1	kal-2	Counts	Infe		
1	CATGAAAAATGAGG	9	0	0	0	5	0	2	0	900			
2	CATGAGACCAATCC	0	4	3	0	0	0	0	0	043	-		
з	CATGAGAGCTTTTA	12	0	76	5	1	1	0	0	12 0 76	70		
4	CATGAGAGGTGATC	0	0	17	0	0	0	0	0	0017	-		
5	CATGATAAGACAGT	0	4	10	1	2	0	0	0	0410	-		
6	CATGATATCAAAAA	6	17	0	7	8	0	0	0	6 17 0			
7	CATGATGGCGAGTA	0	8	10	0	0	0	0	0	0 8 10	7		
8	CATGATTCTCTTTT	з	4	0	0	0	0	4	5	340	-		
9	CATGCAACTTGTGA	3	0	6	з	2	1	0	0	306	7.0		
10	CATGCAGATCTGAG	0	0	10	0	0	0	0	0	0010	-		
11	CATGCAGCAAAAGA	0	0	10	0	0	0	0	0	0 0 10	7.0		
12	CATGAAAAGATCAT	3	4	3	5	19	з	0	0	343	-		
13	CATGCCAGGTCGTA	6	17	44	2	2	2	8	1	6 17 44	-		
14	CATGCCATACAGGT	6	0	0	0	14	2	0	0	600	-		
15	CATGCCTGTTTGAG	3	0	27	42	14	31	5	1	3027	7		
16	CATGCGAAGTCAAA	6	8	6	1	2	0	з	0	686	-		
17	CATGCGTCAGTGTG	9	17	0	0	0	0	0	0	9 17 0	-		
18	CATGCTCATTATCT	0	0	6	0	0	0	0	0	006			
19	CATGCTCTTGCCAA	0	0	20	0	0	2	2	0	0 0 20	-		
20	CATGGAACTCCACA	3	4	0	0	1	3	0	0	340	-		

Query Results: Online help explaining the meaning of each column is obtained by left-clicking with the mouse over the column headers.

Library Mapping

Show 5	50 💌									Download al	Results
You subm	ou submitted 1,622 TAGs.										
N	Sequence	var-1	var-2	var-3	vel-1	vel-2	vel-3	kal-1	kal-2	Counts	Info
1	CATGAAAAATGAGG	9	0	0	0	5	0	2	0	900	51
2	CATGAGACCAATCC	0	4	з	0	0	0	0	0	043	-
3	CATGAGAGCTTTTA	12	0	76	5	1	1	0	0	12 0 76	51
4	CATGAGAGGTGATC	0	0	17	0	0	0	0	0	0017	-
5	CATGATAAGACAGT	0	4	10	1	2	0	0	0	0 4 10	51
6	CATGATATCAAAAA	6	17	0	7	8	0	0	0	6 17 0	+
7	CATGATGGCGAGTA	0	8	10	0	0	0	0	0	0 8 10	51
8	CATGATTCTCTTT	3	4	0	0	0	0	4	5	340	-
9	CATGCAACTTGTGA	3	0	6	З	2	1	0	0	306	
10	CATGCAGATCTGAG	0	0	10	0	0	0	0	0	0010	-
11	CATGCAGCAAAAGA	0	0	10	0	0	0	0	0	0 0 10	
12	CATGAAAAGATCAT	3	4	3	5	19	З	0	0	343	-
13	CATGCCAGGTCGTA	6	17	44	2	2	2	8	1	6 17 44	
14	CATGCCATACAGGT	6	0	0	0	14	2	0	0	600	-
15	CATGCCTGTTTGAG	3	0	27	42	14	31	5	1	3 0 27	51
16	CATGCGAAGTCAAA	6	8	6	1	2	0	з	0	686	-
17	CATGCGTCAGTGTG	9	17	0	0	0	0	0	0	9 17 0	51
18	CATGCTCATTATCT	0	0	6	0	0	0	0	0	006	+
19	CATGCTCTTGCCAA	0	0	20	0	0	2	2	0	0 0 20	
20	CATGGAACTCCACA	3	4	0	0	1	3	0	0	340	-

Query Results: By clicking on the tag sequence, a query with this tag sequence against the genome is carried out (ie. the Genome Mapping Module is invoked). The results displayed correspond to the same described previously for that module.

Show 5	50									Download al	Results	
rou subm	itted 1,622 TAGs.									()		
N	Sequence	var-1	var-2	var-3	vel-1	vel-2	vel-3	kal-1	kal-2	Counts	Info	
1	CATGAAAAATGAGG	9	0	0	0	5	0	2	0	900	52	
2	CATGAGACCAATCC	0	4	З	0	0	0	0	0	043	-	
3	CATGAGAGCTTTTA	12	0	76	5	1	1	0	0	12 0 76	51	
4	CATGAGAGGTGATC	0	0	17	0	0	0	0	0	0017	-	
5	CATGATAAGACAGT	0	4	10	1	2	0	0	0	0 4 10	51	
6	CATGATATCAAAAA	6	17	0	7	8	0	0	0	6 17 0	-	
7	CATGATGGCGAGTA	0	8	10	0	0	0	0	0	0 8 10	51	
8	CATGATTCTCTTTT	з	4	0	0	0	0	4	5	340	-	
9	CATGCAACTTGTGA	з	0	6	З	2	1	0	0	306	7.1	
10	CATGCAGATCTGAG	0	0	10	0	0	0	0	0	0010	-	
11	CATGCAGCAAAAGA	0	0	10	0	0	0	0	0	0 0 10	7.2	
12	CATGAAAAGATCAT	з	4	3	5	19	3	0	0	343	-	
13	CATGCCAGGTCGTA	6	17	44	2	2	2	8	1	6 17 44	52	
14	CATGCCATACAGGT	6	0	0	0	14	2	0	0	600	-	
15	CATGCCTGTTTGAG	з	0	27	42	14	31	5	1	3 0 27	52	
16	CATGCGAAGTCAAA	6	8	6	1	2	0	з	0	686	-	
17	CATGCGTCAGTGTG	9	17	0	0	0	0	0	0	9 17 0	-	
18	CATGCTCATTATCT	0	0	6	0	0	0	0	0	006	-	
19	CATGCTCTTGCCAA	0	0	20	0	0	2	2	0	0 0 20	-	
20	CATGGAACTCCACA	3	4	0	0	1	3	0	0	340	-	

ABOUT

Query Results: The observed counts of this tag for each known experimental library.are displayed. In those cases where a tag does not match any library, the row is highlighted in red color.

ABOUT TUTORIAL HISTORY USEFULLINKS DOWNLOAD

Library Mapping

Show 5	50									Download all	Results	
rou subm	itted 1,622 TAGs.									Nex		
N	Sequence	var-1	var-2	var-3	vel-1	vel-2	vel-3	kal-1	kal-2	Counts	Info	
1	CATGAAAAATGAGG	9	0	0	0	5	0	2	0	900	51	
2	CATGAGACCAATCC	0	4	З	0	0	0	0	0	043	-	
3	CATGAGAGCTTTTA	12	0	76	5	1	1	0	0	12 0 76	51	
4	CATGAGAGGTGATC	0	0	17	0	0	0	0	0	0017	-	
5	CATGATAAGACAGT	0	4	10	1	2	0	0	0	0 4 10	52	
6	CATGATATCAAAAA	6	17	0	7	8	0	0	0	6 17 0	-	
7	CATGATGGCGAGTA	0	8	10	0	0	0	0	0	0 8 10	51	
8	CATGATTCTCTTTT	3	4	0	0	0	0	4	5	340	+:	
9	CATGCAACTTGTGA	з	0	6	З	2	1	0	0	306	7.1	
10	CATGCAGATCTGAG	0	0	10	0	0	0	0	0	0010	-	
11	CATGCAGCAAAAGA	0	0	10	0	0	0	0	0	0 0 10	51	
12	CATGAAAAGATCAT	3	4	3	5	19	з	0	0	343	÷:	
13	CATGCCAGGTCGTA	6	17	44	2	2	2	8	1	6 17 44	5	
14	CATGCCATACAGGT	6	0	0	0	14	2	0	0	600	+:	
15	CATGCCTGTTTGAG	з	0	27	42	14	31	5	1	3 0 27	5	
16	CATGCGAAGTCAAA	6	8	6	1	2	0	З	0	686	+:	
17	CATGCGTCAGTGTG	9	17	0	0	0	0	0	0	9 17 0	52	
18	CATGCTCATTATCT	0	0	6	0	0	0	0	0	006	-	
19	CATGCTCTTGCCAA	0	0	20	0	0	2	2	0	0 0 20	-	
20	CATGGAACTCCACA	3	4	0	0	1	3	0	0	340	-	

Query Results: The observed counts of this tag provided by the user are shown in this field.

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Library Mapping

Show 5	50 💌									Download al	Results
rou subm	itted 1,622 TAGs.		Nex								
N	Sequence	var-1	var-2	var-3	vel-1	vel-2	vel-3	kal-1	kal-2	Counts	Info
1	CATGAAAAATGAGG	9	0	0	0	5	0	2	0	900	31
2	CATGAGACCAATCC	0	4	З	0	0	0	0	0	043	-
з	CATGAGAGCTTTTA	12	0	76	5	1	1	0	0	12 0 76	
4	CATGAGAGGTGATC	0	0	17	0	0	0	0	0	0017	-
5	CATGATAAGACAGT	0	4	10	1	2	0	0	0	0 4 10	50
6	CATGATATCAAAAA	6	17	0	7	8	0	0	0	6 17 0	-
7	CATGATGGCGAGTA	0	8	10	0	0	0	0	0	0 8 10	52
8	CATGATTCTCTTTT	з	4	0	0	0	0	4	5	340	-
9	CATGCAACTTGTGA	з	0	6	З	2	1	0	0	306	7.1
10	CATGCAGATCTGAG	0	0	10	0	0	0	0	0	0010	-
11	CATGCAGCAAAAGA	0	0	10	0	0	0	0	0	0010	7.1
12	CATGAAAAGATCAT	з	4	3	5	19	з	0	0	343	-
13	CATGCCAGGTCGTA	6	17	44	2	2	2	8	1	6 17 44	52
14	CATGCCATACAGGT	6	0	0	0	14	2	0	0	600	+
15	CATGCCTGTTTGAG	3	0	27	42	14	31	5	1	3 0 27	52
16	CATGCGAAGTCAAA	6	8	6	1	2	0	3	0	686	-
17	CATGCGTCAGTGTG	9	17	0	0	0	0	0	0	9 17 0	
18	CATGCTCATTATCT	0	0	6	0	0	0	0	0	006	-
19	CATGCTCTTGCCAA	0	0	20	0	0	2	2	0	0 0 20	
20	CATGGAACTCCACA	3	4	0	0	1	3	0	0	340	-

Query Results: A custom label for each tag is displayed here, if it was provided by the user.

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Library Mapping

Show 5	50 💌							Download al	Results		
'ou subm	nitted 1,622 TAGs.										Next
N	Sequence	var-1	var-2	var-3	vel-1	vel-2	vel-3	kal-1	kal-2	Counts	Info
1	CATGAAAAATGAGG	9	0	0	0	5	0	2	0	900	51
2	CATGAGACCAATCC	0	4	3	0	0	0	0	0	043	-
3	CATGAGAGCTTTTA	12	0	76	5	1	1	0	0	12 0 76	5
4	CATGAGAGGTGATC	0	0	17	0	0	0	0	0	0017	-
5	CATGATAAGACAGT	0	4	10	1	2	0	0	0	0 4 10	51
6	CATGATATCAAAAA	6	17	0	7	8	0	0	0	6 17 0	-
7	CATGATGGCGAGTA	0	8	10	0	0	0	0	0	0 8 10	
8	CATGATTCTCTTTT	3	4	0	0	0	0	4	5	340	-
9	CATGCAACTTGTGA	3	0	6	З	2	1	0	0	306	5.
10	CATGCAGATCTGAG	0	0	10	0	0	0	0	0	0010	-
11	CATGCAGCAAAAGA	0	0	10	0	0	0	0	0	0 0 10	51
12	CATGAAAAGATCAT	3	4	3	5	19	3	0	0	343	-
13	CATGCCAGGTCGTA	6	17	44	2	2	2	8	1	6 17 44	
14	CATECCATACAGET	6	0	0	0	14	2	0	0	600	-
15	CATGCCTGTTTGAG	3	0	27	42	14	31	5	1	3 0 27	
16	CATGCGAAGTCAAA	6	8	6	1	2	0	з	0	686	-
17	CATGCGTCAGTGTG	9	17	0	0	0	0	0	0	9 17 0	
18	CATGCTCATTATCT	0	0	6	0	0	0	0	0	006	+
19	CATGCTCTTGCCAA	0	0	20	0	0	2	2	0	0 0 20	-
20	CATGGAACTCCACA	3	4	0	0	1	з	0	0	340	-

Query Results: The tags that did not match any known tag in the libraries are highlighted in red. These tags could represent unknown genes.

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This is the end of the SAGExplore web server tutorial for Module III: Library Mapping Any comments or inquiries, please contact us