



ARED PLUS Search Engine

General Help & Instructions to use with Examples

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Types of Searches and their Purposes

Basic Search:

The Basic Search functionality allow users to find data by providing basic information about the gene. The system expects user to input following Information

1. Select the ARE Region of Interest, this can either be **3'UTR ARE** or **Intron ARE** records user can select both if user wants to search based on both terms.
2. Selecting the **Cluster Range from dropdown**. Based on the type of ARE selected the system will ask the user to specify the range of cluster, the default value is **All**.
3. Generic Keywords. These keywords can include
 - Gene Symbols
 - Gene Ensembl ID
 - Gene Transcript ID
 - Start Location
 - End Location
 - Chromosome
 - Gene Synonyms (Aliases)
 - Gene Description

Following screen shot shows how the basic search page Looks like when users wants to search **3'UTR ARE** regardless of the Cluster and with Keywords TNF and NEK2

The screenshot displays the BRP Home Basic Search interface. At the top, there is a navigation bar with links for Home, Basic Search, Advance Search, List Search, About, Help, and Older Versions. The main content area is titled 'BASIC SEARCH' and contains an 'INSTRUCTIONS' box with the following text: 'Select the ARE Region(s) of interest. [You can select Both]', 'Select Cluster(s) of interest. [The default value is All]', and 'Specify Keyword(s). [Optional]'. Below the instructions, there are three rows of input fields. The first row has a checked checkbox for '3'UTR ARE' and a dropdown menu for 'Select 3'UTR Cluster:' with 'All' selected. The second row has an unchecked checkbox for 'Intronic ARE'. The third row has a text input field for 'Keyword(s):' containing 'nek2' and 'tnf'. To the right of this field is a note: 'Hit Enter After Adding Keywords. You can also paste excel cells'. At the bottom center, there is a blue 'SEARCH' button.

The Output table for a 3'UTR ARE search displays the following Information:

Gene Symbol, Ensembl Gene ID, definition, Ensembl Transcript ID, ARE Cluster, ARE Sequence, ARE Start and end locations, a link to the ARESite and link to the details of the gene. If the ARE is longer than 20 bases a link to ARE score is provided in the sequence pane.

The screenshot shows the BRP Home website interface. At the top, there are navigation links: Home, Basic Search, Advance Search, List Search, About, Help, and Older Versions. A yellow banner contains the text "HELP & INSTRUCTIONS WHEN YOU OPEN HELP BUTTONS, CLICK THE BUTTONS AGAIN TO HIDE THE HELP". Below this are three orange buttons: "How to use ARE Site", "How to view ARE Scoring", and "How to use General Grid Features". A blue button labeled "SHOW NO. OF INTRONIC RECORDS COLUMN" is positioned on the right. The main section is titled "3'UTR ARE SEARCH RESULTS" and features a table with columns for Gene Symbol, Ensembl Gene ID, Definition, Ensembl Transcript ID, Cluster, Sequence, Start Location, End Location, ARE Site Link, and Details. Two entries are shown: NEK2 and TNF. Below the table, it says "Showing 1 to 2 of 2 entries" and includes "Previous" and "Next" navigation buttons.

Gene Symbol	Ensembl Gene ID	Definition	Ensembl Transcript ID	Cluster	Sequence	Start Location	End Location	ARE Site Link	Details
NEK2	ENSG00000117650	NIMA related kinase 2 [Source:HGNC Symbol;Acc:HGNC:7745]	ENST00000366998	1	CATTATTTATTTT	238	251	Go to ARE Site	DETAILS
TNF	ENSG00000228321	tumor necrosis factor [Source:HGNC Symbol;Acc:HGNC:11892]	ENST00000412275	3	ATTATTTATTTA	482	495	Go to ARE Site	DETAILS

User can also **search Intron ARE Records** by checking Intron ARE Checkbox and specifying Cluster range

The screenshot shows the BRP Home website's "BASIC SEARCH" interface. It includes the same navigation menu as the previous screenshot. A light blue box contains "INSTRUCTIONS":

- Select the ARE Region(s) of interest. [You can select Both]
- Select Cluster(s) of interest. [The default value is All]
- Specify Keyword(s). [Optional]

 Below the instructions, there are three search criteria:

- 3'UTR ARE :
- Intron ARE : Select Intron ARE Cluster (dropdown menu showing "Cluster 3 or More")
- Keyword(s): (text input field containing "C4orf22" and "C4orf45")

 A note next to the keyword field says "Hit Enter After Adding Keywords. You can also paste excel cells". A blue "SEARCH" button is located at the bottom.

The output table for intronic AREs search displays the following Information: Gene Symbol, Ensembl Gene ID, Definition, Ensemble Transcript ID, Start Position, End Position, Sequence, Cluster, Chromosome, Gene Start, Gene End, Intron number, Intron Chr Start, Intron Chr End, ARE Site, Details. If the ARE is larger than 20 bases a link to ARE score is provided in the sequence pane.

Gene Symbol	Ensembl Gene ID	Definition	Ensemble Transcript ID	Start Position	End Position	Sequence	Cluster	Chromosome	Gene Start	Gene End	Intron number	Intron Chr Start	Intron Chr End	ARE Site	Details
C4orf22	ENSG00000197826	chromosome 4 open reading frame 22 [Source:HGNC Symbol;Acc:HGNC:28524]	ENST00000358105	80411578	80411591	ATTATTATTATTA	3	4	80335720	8063756	2	80562885	80583092	Go to ARE Site	DETAILS
C4orf22	ENSG00000197826	chromosome 4 open reading frame 22 [Source:HGNC Symbol;Acc:HGNC:28524]	ENST00000358105	80853055	80853076	ATTATTATTATTATTATTA VIEW SCORE	5	4	80335720	8063756	3	80583184	80869992	Go to ARE Site	DETAILS
C4orf45	ENSG00000164123	chromosome 4 open reading frame 45 [Source:HGNC Symbol;Acc:HGNC:28842]	ENST000000508011	158972342	158972355	ATTATTATTATTA	3	4	158893134	159038760	2	158915380	158973078	Go to ARE Site	DETAILS
C4orf45	ENSG00000164123	chromosome 4 open reading frame 45 [Source:HGNC Symbol;Acc:HGNC:28842]	ENST000000508011	159033953	159033966	ATTATTATTATTA	3	4	158893134	159038760	1	158973312	159038601	Go to ARE Site	DETAILS
C4orf45	ENSG00000164123	chromosome 4 open reading frame 45 [Source:HGNC Symbol;Acc:HGNC:28842]	ENST000000508011	158911351	158911364	ATTATTATTATTATTATTATTATTATTA VIEW SCORE	0	4	158893134	159038760	3	158893718	158915169	Go to ARE Site	DETAILS

When **both 3'UTR ARE and intronic ARE** are selected, the output table is similar 3'UTR ARE output search with an additional column entitled **“Number of ARE(s) Intron(s)”** that contains a number and link to the intronic AREs of the gene. Moreover, in case if a particular gene **only exist in the Intron ARE** then the system displays another grid showing list of Genes that exist in Intron ARE only. In Following screen shot we are searching three Genes using their symbol.

1. **NEK2**: A gene that have one 3'UTR ARE record and 2 Intronic AREs
2. **TNF**: A gene that only have record in 3'UTR ARE and **no record in Intronic ARE**
3. **APITD1**: A gene that have **no record in 3'UTR ARE** and two records in Intronic ARE

BASIC SEARCH

INSTRUCTIONS

- Select the ARE Region(s) of Interest. [You can select Both]
- Select Cluster(s) of interest. [The default value is All]
- Specify Keyword(s). [Optional]

☑ **3'UTR ARE**: Select 3'UTR Cluster: All

☑ **Intronic ARE**: Select Intronic ARE Cluster: All

Keyword(s): NEK2, TNF, APITD1

Hit Enter After Adding Keywords. You can also paste excel cells

SEARCH

The Results will be displayed as follows

BRP Home Home Basic Search Advance Search List Search About Help Older Versions 

HELP & INSTRUCTIONS WHEN YOU OPEN HELP BUTTONS, CLICK THE BUTTONS AGAIN TO HIDE THE HELP

How to use ARE Site How to view ARE Scoring How to use General Grid features

Download both 3'UTR and Intron ARE in Excel Format Hide No. of Intronic Records Column

3'UTR ARE SEARCH RESULTS

Print PDF Excel CSV Column visibility Search:

Gene Symbol	Ensembl Gene ID	Definition	Ensembl Transcript ID	Cluster	Sequence	Start Location	End Location	ARE Site Link	Number of ARE(s) Intron(s)	Details
NEK2	ENSG00000117650	NIMA related kinase 2 [Source:HGNC Symbol;Acc:HGNC:7745]	ENST00000366998	1	CATTATTATTTT	238	251	Go to ARE Site	[Intron Records Matching Criteria: 2] Click Here to View	DETAILS
TNF	ENSG00000228321	tumor necrosis factor [Source:HGNC Symbol;Acc:HGNC:11892]	ENST00000412275	3	ATTATTATTTA	482	495	Go to ARE Site	[Intron Records Matching Criteria: 0] Click Here to View	DETAILS

GENES THAT WERE FOUND ONLY IN INTRON ARE

Print PDF Excel CSV Column visibility Search:

Gene Symbol	Ensembl Gene ID	Number of ARE(s) - Intron(s) Matching Criteria
APITD1	ENSG00000175279	[2] Click Here to View

Showing 1 to 1 of 1 entries Previous 1 Next

As we can see a separate grid is loaded to show the genes that only exist in Intronic ARE. Moreover, the NEK2 is displayed in the 3'UTR Results following with the link to 2 Intron Records while TNF is being displayed in 3'UTR but has zero Intron ARE Records.

Note: If user wants to download records shown in the grid only, user can simply select any export options as highlighted

3'UTR ARE SEARCH RESULTS

Print PDF Excel CSV Column visibility **Export Options with Column Visibility Control** Search:

Gene Symbol	Ensembl Gene ID	Definition	Ensembl Transcript ID	Cluster	Sequence	Start Location	End Location	ARE Site Link	Number of ARE(s) Intron(s)	Details
NEK2	ENSG00000117650	NIMA related kinase 2 [Source:HGNC Symbol;Acc:HGNC:7745]	ENST00000366998	1	CATTATTATTTT	238	251	Go to ARE Site	[Intron Records Matching Criteria: 2] Click Here to View	DETAILS
TNF	ENSG00000228321	tumor necrosis factor [Source:HGNC Symbol;Acc:HGNC:11892]	ENST00000412275	3	ATTATTATTTA	482	495	Go to ARE Site	[Intron Records Matching Criteria: 0] Click Here to View	DETAILS

Showing 1 to 2 of 2 entries Previous 1 Next

If the user wants to download the 3'UTR ARE results as well as Intron ARE then user can download both ARE Records by clicking on the link highlighted in the following screen shot.

Download both 3'UTR and Intron ARE in Excel Format
Hide No. of Intronic Records Column

3'UTR ARE SEARCH RESULTS

Print PDF Excel CSV Column visibility

Search:

Gene Symbol	Ensembl Gene ID	Definition	Ensembl Transcript ID	Cluster	Sequence	Start Location	End Location	ARE Site Link	Number of ARE(s) Intron(s)	Details
NEK2	ENSG00000117650	NIMA related kinase 2 <small>[Source:HGNC Symbol;Acc:HGNC:7745]</small>	ENST00000366998	1	CATTATTATTTT	238	251	Go to ARE Site	[Intron Records Matching Criteria: 2] Click Here to View	DETAILS
TNF	ENSG00000228321	tumor necrosis factor <small>[Source:HGNC Symbol;Acc:HGNC:11892]</small>	ENST00000412275	3	ATTATTATTTA	482	495	Go to ARE Site	[Intron Records Matching Criteria: 0] Click Here to View	DETAILS

Showing 1 to 2 of 2 entries
Previous 1 Next

Advance search option

In the advance search, the user is allowed to enter identifiers in 6 additional specified fields. The output tables are identical to basic search.

Home
Basic Search
Advance Search
List Search
About
Help
Older Versions

INSTRUCTIONS

- Select the ARE Region(s) of interest. [You can select Both if you want]
- Select Cluster(s) of interest. [The default value is All]
- Specify Keyword(s) [Optional]
- Specify Any of the Following fields [Optional]

3'UTR ARE :

Select 3'UTR Cluster:

Intronic ARE :

Keyword(s):

Hit **Enter** After Adding Keywords. You can also paste **excel** cells

Ensembl Gene ID

Ensemble Transcript ID

Gene Symbol

Unigene Gene ID

REFSEQ Accn

GO Term Code

Entrez Gene ID

SEARCH

List Search:

List search allows user to define list of values and get results accordingly. User can specify following types of Identifiers

1. Ensembl Gene ID
2. Ensemble Transcript ID
3. Ref Seq
4. Gene Symbol
5. Gene ID

Before identifying the list it's important for the user to select which ARE records user wants in the results. In following Example user is defining the list of values in identifier list text box and have chosen 3`UTR ARE Type.

BRP Home Home Basic Search Advance Search List Search About Help Older Versions

LIST SEARCH

INSTRUCTIONS

- Select the ARE Region(s) of Interest, [You can select Both]
- Select identifiers
- Add List of Entries. Copy comma separated, space separated or excel column

Select Type of ARE 3`UTR ARE Intron ARE

Select Identifier Type: Gene Symbol

Identifiers' List:
LRRG2
LRRG3
LRP11
LRP12
LRP4
LRP5
LRP5L
LRP6

SEARCH

This is how the results will be displayed

LIST RESULTS

Print PDF Excel CSV Column visibility Search:

Gene Symbol	Ensembl Gene ID	Definition	Ensembl Transcript ID	3`UTR ARE Cluster	3`UTR ARE Sequence	3`UTR ARE Start Location	3`UTR ARE End Location	ARE Site Link	Details
LRRG2	ENSG00000198799	leucine rich repeats and immunoglobulin like domains 2 [Source:HGNC Symbol;Acc:HGNC:20889]	ENST00000361127	1	TTTTATTTAAAGT	766	779	Go to ARE Site	DETAILS
LRRG3	ENSG00000139263	leucine rich repeats and immunoglobulin like domains 3 [Source:HGNC Symbol;Acc:HGNC:30991]	ENST00000320743	1	TTTTATTTAAAG	47	60	Go to ARE Site	DETAILS
LRP11	ENSG00000120256	LDL receptor related protein 11 [Source:HGNC Symbol;Acc:HGNC:16936]	ENST00000239367	1	TATAATTATACA	41	54	Go to ARE Site	DETAILS
LRP12	ENSG00000147650	LDL receptor related protein 12 [Source:HGNC Symbol;Acc:HGNC:31708]	ENST00000424843	1	TCATATTTATTG	1020	1033	Go to ARE Site	DETAILS
LRP4	ENSG00000134569	LDL receptor related protein 4 [Source:HGNC Symbol;Acc:HGNC:6696]	ENST00000378623	1	GATAATTTAATAT	2082	2095	Go to ARE Site	DETAILS

Details Page

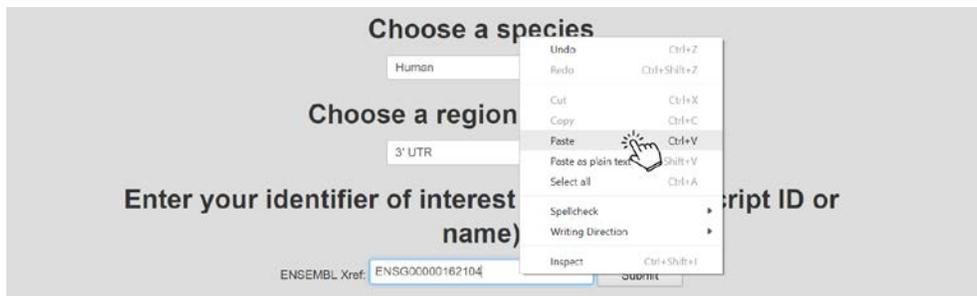
The details page is based on following 4 Sections Basic Gene Details, Refseq, Entrez Gene ID and Uni Gene

How to use ARE Site

- i. User will Click Go to ARE Site based on the Record user is interested in



- ii. When user will click the button, System will automatically Copy Gene Ensembl ID and will redirect user to ARE Site
- iii. On ARE Site, user will select the Motifs of choice with other options and simply paste the Ensembl Gene ID in the Enter your identifier of interest Text Box



How to use ARE Scoring Site

- i. This option is only available where pattern size is greater than or equal to 20
- ii. User will click the view ARE Score and System Will Automatically Copy the Pattern with the Required Format and will redirect user to ARE Scoring site.
- iii. On ARE Scoring site, click on the Textbox and paste it. User can either use **ctrl + v** or right click the mouse and select paste option.

AU-block settings

Minimal at length (20) %AU to start AU-block (80) %AU to end AU-block (55)

Data input (include one empty line at the end)

```
>seq
ATTATTTATTTATTTATTTA
```

Result presentation

download HTML table

Following screen shot shows how the Details Page Looks Like

DETAILS FOR 3'UTR ARE : ENSEMBL GENE ID ENSG00000162104

Ensembl Gene ID	ENSG00000162104
Ensembl Transcript ID	ENST00000294016
Gene Symbol	ADCY9
Ensembl Definition	adenylate cyclase 9 [Source:HGNC Symbol;Acc:HGNC:240]
Aliases	AC9
Cluster	Cluster 5
ARE Sequence	ATTTATTTATTTATTTATTTA <input type="button" value="VIEW SCORE"/> <input type="button" value="Click here to Know how to view ARE Scoring"/>
GO	biosynthetic process, cell, cellular nitrogen compound metabolic process, cellular protein modification process, cytoplasm, cytosol, homeostatic process, intracellular, ion binding, lyase activity, plasma membrane, protein complex, signal transduction, small molecule metabolic process,
Link to ARE Site	<input type="button" value="Go to ARE Site > ENSG00000162104"/> <input type="button" value="Click here to Know How to use ARE Site"/>

Ref Seq mRNA ID	Description
NM_001116	Homo sapiens adenylate cyclase 9 (ADCY9), mRNA

Entrez Gene ID
115

Uni Gene ID	Uni Gene Description
Hs.391860	Adenylate cyclase 9

Results Grid functionalities:

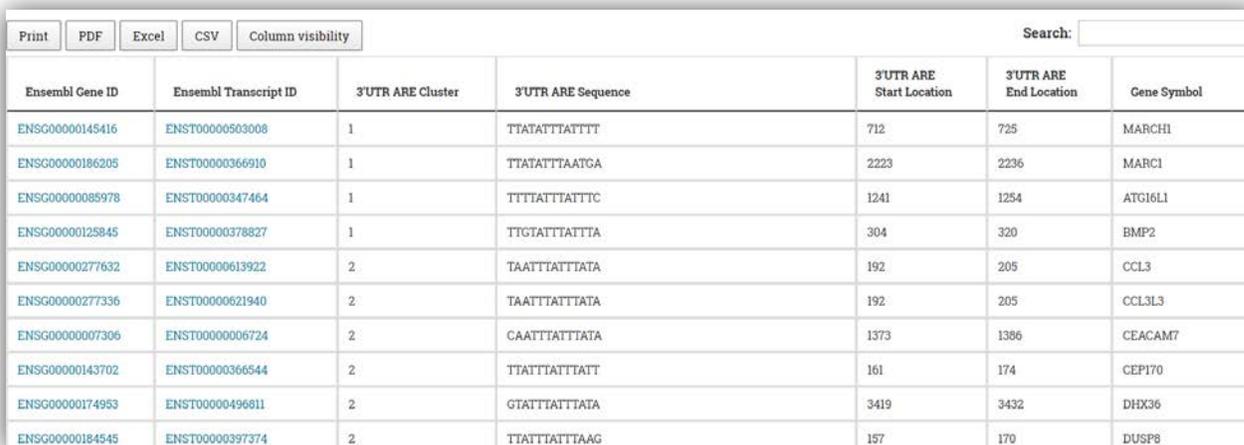
Column Visibility Functionality:

In the output table the user can use the column visibility functionality to customize his column selection. In this example below, the user has un-selected Ensembl Definition, ARE Site link and Details column of the grid and hence these columns will not be displayed.



Ensembl Gene ID	Ensembl Transcript ID	3'UTR ARE Cluster	3'UTR ARE Sequence	3'UTR ARE Start Location	3'UTR ARE End Location	Gene Symbol
ENSG00000145416	ENST00000503008	1	TTATATTATTTT	712	725	MARCH1
ENSG00000186205	ENST00000366910	1	TTATATTTAATGA	2223	2236	MARCI
ENSG00000085978	ENST00000347464	1	TTTTATTATTTC	1241	1254	ATG16L1
ENSG00000125845	ENST00000378827	1	TTGTATTATTTA	304	320	BMP2
ENSG00000277632	ENST00000613922	2	TAATTATTATA	192	205	CCL3
ENSG00000277336	ENST00000621940	2	TAATTATTATA	192	205	CCL3L3
ENSG0000007306	ENST0000006724	2	CAATTATTATA	1373	1386	CEACAM7
ENSG00000143702	ENST00000366544	2	TTATTATTATT	161	174	CEP170
ENSG00000174953	ENST00000496811	2	GTATTATTATA	3419	3432	DHX36
ENSG00000184545	ENST00000397374	2	TTATTATTAAAG	157	170	DUSP8

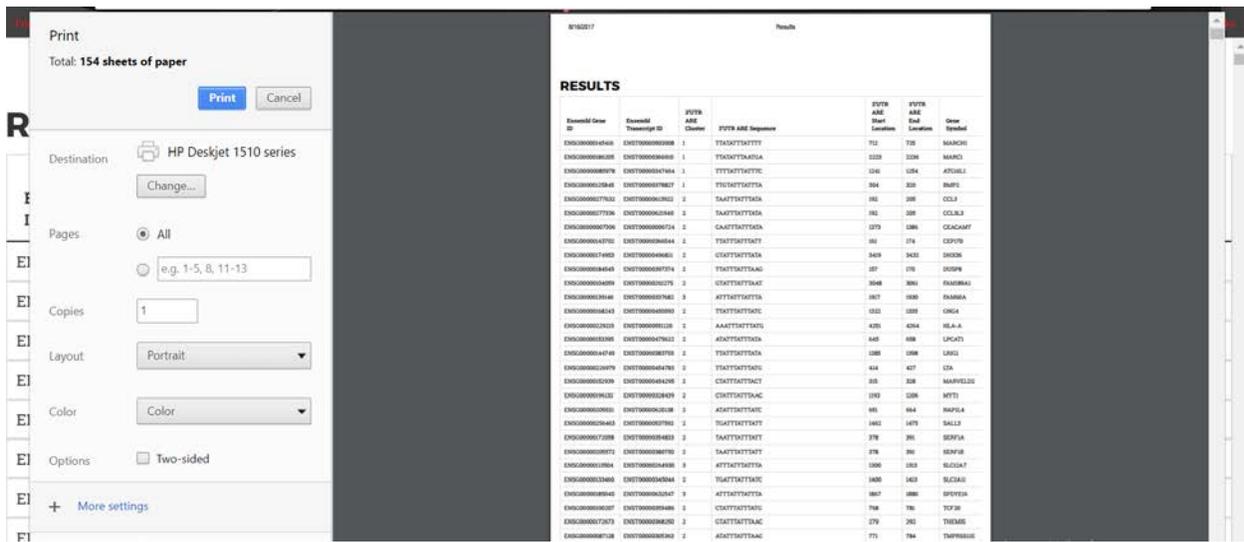
After Selection the following result will appear



Ensembl Gene ID	Ensembl Transcript ID	3'UTR ARE Cluster	3'UTR ARE Sequence	3'UTR ARE Start Location	3'UTR ARE End Location	Gene Symbol
ENSG00000145416	ENST00000503008	1	TTATATTATTTT	712	725	MARCH1
ENSG00000186205	ENST00000366910	1	TTATATTTAATGA	2223	2236	MARCI
ENSG00000085978	ENST00000347464	1	TTTTATTATTTC	1241	1254	ATG16L1
ENSG00000125845	ENST00000378827	1	TTGTATTATTTA	304	320	BMP2
ENSG00000277632	ENST00000613922	2	TAATTATTATA	192	205	CCL3
ENSG00000277336	ENST00000621940	2	TAATTATTATA	192	205	CCL3L3
ENSG0000007306	ENST0000006724	2	CAATTATTATA	1373	1386	CEACAM7
ENSG00000143702	ENST00000366544	2	TTATTATTATT	161	174	CEP170
ENSG00000174953	ENST00000496811	2	GTATTATTATA	3419	3432	DHX36
ENSG00000184545	ENST00000397374	2	TTATTATTAAAG	157	170	DUSP8

As we can see Description, ARE Site and Details Column aren't visible Anymore.

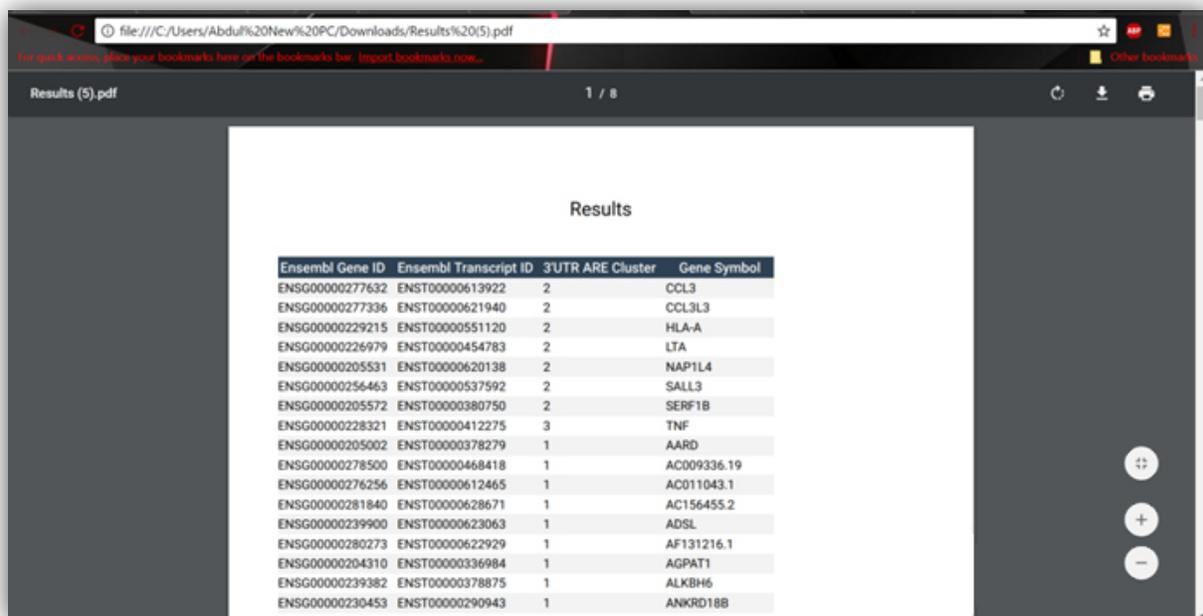
Print Functionality: The Print Functionality will allow user to Print the Records Only. Other part of the web page will be omitted.



In the above screen shot we can see the system is printing only the record section and not the header footer or any other part of the web page

Export to PDF Functionality:

Exporting records to PDF is another key functionality the result Grid Offers to the users. With simple Click of a button users can get the records list in the selected Format as shown below.



Exporting records to Excel:

Ensembl Gene ID	Definition	Ensembl Transcript ID	3'UTR ARE Cluster	3'UTR ARE Sequence
ENSG00000277632	C-C motif chemokine ligand 3 [Source:HGNC Symbol;Acc:HGNC:10627]	ENST00000613922	2	TAATTTATTATA
ENSG00000277336	C-C motif chemokine ligand 3 like 3 [Source:HGNC Symbol;Acc:HGNC:30554]	ENST00000621940	2	TAATTTATTATA
ENSG00000229215	major histocompatibility complex, class I, A [Source:HGNC Symbol;Acc:HGNC:4931]	ENST00000551120	2	AAATTTATTATG
ENSG00000226979	lymphotoxin alpha [Source:HGNC Symbol;Acc:HGNC:6709]	ENST00000454783	2	TTATTTATTATG
ENSG00000205531	nucleosome assembly protein 1 like 4 [Source:HGNC Symbol;Acc:HGNC:7640]	ENST00000620138	2	ATATTTATTATC
ENSG00000256463	spalt like transcription factor 3 [Source:HGNC Symbol;Acc:HGNC:10527]	ENST00000537592	2	TGATTTATTATT
ENSG00000205572	small EDRK-rich factor 1B [Source:HGNC Symbol;Acc:HGNC:10756]	ENST00000380750	2	TAATTTATTATT
ENSG00000228321	tumor necrosis factor [Source:HGNC Symbol;Acc:HGNC:11892]	ENST00000412275	3	ATTTATTATTTA
ENSG00000205002	alanine and arginine rich domain containing protein [Source:HGNC Symbol;Acc:HGNC:33842]	ENST00000378279	1	AGTTATTATTGG
ENSG00000278500		0 ENST00000468418	1	CITTAATTTATATT
ENSG00000276256	uncharacterized protein LOC389831 [Source:RefSeq peptide;Acc:NP_001229409]	ENST00000612465	1	AATAATTTATAAG
ENSG00000281840		0 ENST00000628671	1	TTATATTTATTTT
ENSG00000239900	adenylosuccinate lyase [Source:HGNC Symbol;Acc:HGNC:291]	ENST00000623063	1	TTTTATTTAAAG
ENSG00000280273		0 ENST00000622929	1	AAAAATTTATCCA
ENSG00000204310	1-acylglycerol-3-phosphate O-acyltransferase 1 [Source:HGNC Symbol;Acc:HGNC:324]	ENST00000336984	1	TTTAATTTATTTT
ENSG00000239382	alkB homolog 6 [Source:HGNC Symbol;Acc:HGNC:28243]	ENST00000378875	1	GGTTATTTATTTT
ENSG00000230453	ankyrin repeat domain 18B [Source:HGNC Symbol;Acc:HGNC:23644]	ENST00000290943	1	GTATTTATATATG
ENSG00000276203	ankyrin repeat domain 20 family member A3 [Source:HGNC Symbol;Acc:HGNC:31981]	ENST00000611388	1	GAATTTATATAT
ENSG00000251503	APITD1-CORT readthrough [Source:HGNC Symbol;Acc:HGNC:38843]	ENST00000400900	1	TGTTATTTAAAT
ENSG00000221963	apolipoprotein L6 [Source:HGNC Symbol;Acc:HGNC:14870]	ENST00000409652	1	GATAATTTATTAT
ENSG00000213390	Rho GTPase activating protein 19 [Source:HGNC Symbol;Acc:HGNC:23724]	ENST00000358308	1	GTTTATTTATTGA
ENSG00000214944	Rho guanine nucleotide exchange factor 28 [Source:HGNC Symbol;Acc:HGNC:30322]	ENST00000545377	1	TAATTTAATAT
ENSG00000213214	Rho guanine nucleotide exchange factor 35 [Source:HGNC Symbol;Acc:HGNC:33846]	ENST00000378115	1	GAAAATTTATTAA

Real-Time Search Functionality:

The real-time search functionality will allow users to filter records based on any criteria in real time by simply adding search term in a search box as shown in the screen shot below. For example, if the user is interested in a specific sequence pattern like “CAATTTATTATA”. Simply Input the sequence in the real-time search box.

BRP Home Home Basic Search Advance Search Help Older Versions

Print PDF Excel CSV Column visibility Search: CAATTTATTATA

Ensembl Gene ID	Definition	Ensembl Transcript ID	3'UTR ARE Cluster	3'UTR ARE Sequence	3'UTR ARE Start Location	3'UTR ARE End Location	Gene Symbol	No. of Intronic AREs
ENSG0000007306	carcinoembryonic antigen related cell adhesion molecule 7 [Source:HGNC Symbol;Acc:HGNC:1819]	ENST00000006724	2	CAATTTATTATA	1373	1386	CEACAM7	[0] Click Here to View
ENSG00000171174	ribokinase [Source:HGNC Symbol;Acc:HGNC:30325]	ENST00000302188	2	CAATTTATTATA	172	185	RBKS	[3] Click Here to View
ENSG00000177551	nescient helix-loop-helix 2 [Source:HGNC Symbol;Acc:HGNC:7818]	ENST00000369506	2	CAATTTATTATA	935	948	NHLH2	[0] Click Here to View
ENSG00000198478	SH3 domain binding glutamate rich protein like 2 [Source:HGNC Symbol;Acc:HGNC:15567]	ENST00000369838	2	CAATTTATTATA	856	869	SH3BGL2	[2] Click Here to View

Showing 1 to 4 of 4 entries (filtered from 4,883 total entries) Previous 1 Next

Paging Functionality:

Paging Functionality is one of other essential basic Functionalities available for Users in Result Grid as shown below. It shows the total number of records, number of records shown per page and total number of records following with paging on the right hand side.

ENSG00000277336	C-C motif efferokine ligand 3 like 3 [Source:HGNC Symbol;Acc:HGNC:30554]	ENST00000021940	2	TAATTTATTATA	192	205	CCL3L3	[0] Click Here to View
ENSG00000007306	carcinoembryonic antigen related cell adhesion molecule 7 [Source:HGNC Symbol;Acc:HGNC:1819]	ENST00000006724	2	CAATTTATTATA	1373	1386	CEACAM7	[0] Click Here to View
ENSG00000143702	centrosomal protein 170 [Source:HGNC Symbol;Acc:HGNC:28920]	ENST00000366544	2	TTATTATTATT	161	174	CEP170	[10] Click Here to View
ENSG00000174953	DEAH-box helicase 36 [Source:HGNC Symbol;Acc:HGNC:14410]	ENST00000496811	2	GTATTTATTATA	3419	3432	DHX36	[9] Click Here to View
ENSG00000184545	duka1 specificity phosphatase 8 [Source:HGNC Symbol;Acc:HGNC:3074]	ENST00000397374	2	TTATTTATTAAG	157	170	DUSP8	[0] Click Here to View

Showing 1 to 10 of 4,883 entries

Previous 2 3 4 5 ... 489 Next

[For More Information Contact](#)