



ImmPort List Management

Introduction

List Management enables you to save lists from search and analysis results and enable their reuse in other functional modules within ImmPort. The lists may be created in under Data Management and the details are accessed from 'My Saved List' within Administration module. The summary list gives the Saved list ID, List description, Total items, Created by, and Date created. The goals of List Management is to save queries and make them reusable. ImmPort also has the capability to have a union and intersection of the lists across query results

This capability is available for the following experimental attributes of the research data:

- Subjects
- Biological Sample
- Experiment
- Experiment Sample
- Reagents
- Protocol

And also for the following Reference Data:

- Genes
- MHC Alleles
- Proteins
- SNPs

List management is accessed from 'My Saved List' from the ImmPort homepage at <https://www.immport.org/immportWeb/home/home.do>. If you have any questions or comments, please contact helpdesk at helpdesk@immport.org.

ImmPort List Management – Lists Sources

Lists Sources: Under Access Data module, select Research Advanced Search and Reference Advanced Search. Under Analyze Data tab: Select MHC Sequence Feature Variant Type (SFVT) Analysis and ImmPort Microarray Analysis Component (IMAC)

HLA SFVT Genetic Association Analysis

Beta Release

Select Subjects from ImmPort Select HLA Loci Display submitted request

ONE

Select Subjects and Experiment Samples from ImmPort projects or saved lists

The subject saved lists displayed in the table below contains at least one experiment sample whose has HLA typing results*.

If you don't have qualified experiment sample saved list, please go to [Advance Search](#).

The subjects displayed for SFVT generation has excluded the entries without parsed HLA typing results.

Accessible Projects with HLA Typing Results			
ProjectID	Project Title	Project Type	
<input type="checkbox"/>	9	BISC Development Project	RP

Load from selected project(s)

Saved Subject List having HLA Typing Result			
ListID	List Name	List Description	Project ID
<input type="checkbox"/>	697	jo test sfvt sav	9
<input type="checkbox"/>	699	jo test sfvt sav	9
<input type="checkbox"/>	702	tsmith test sfvt Testing saving list	9
<input type="checkbox"/>	703	tsmith test sfvt Testing saving items	9

Load from selected list(s)

Subject and Experimental Sample Data Having HLA Typing Results

Page 1 of 1 Save Items Save All

Subject	Subject Org User ID	Gender	Ethnicity	Race	Pop Nam	Affection Phenoty	Affection Stz	Exp Sample Acc N	Exp Sample User C	Original Proj Title
[Empty table body]										

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About Immport Admin Access Data Tools Resources News & Events

Submit Data Submission History Submission Resources Research Data Research Advanced Search Reference Data Reference Advanced Search

Search / Research Advanced Search

Using Advanced Search:

- Choose the type of data you want to find (e.g. subjects, samples) from the drop down list.
- Choose a folder to refine your search. It can be the same or different data type from the d
- Click on the data feature(s) you want to search.
- Enter search terms for one or more features.

THREE

Advanced Search - Selected Return Data Type : Subject

Tip: You can select a range of rows by holding down the 'Shift' key and then clicking the first and last rows you wish to select. This works best if you do not click on the check boxes. [More tips.](#)

Selected items: SUB10, SUB1

Page 1 of 4 View Details Save Items Save All Export

Sub_Org	Accession	User-Defined ID	Species	Race/Strain	Gender	Description	Project Title
<input checked="" type="checkbox"/>	SUB1	ELISPOT_Subject	Homo sapiens	Caucasian	Female	*Acute systemic lupus erythematosus TESTING: Bioinformatics I	
<input checked="" type="checkbox"/>	SUB10	Subject_Exp13_2	Homo sapiens	Black or African A	Male	This subject is the Father of Subject_	TESTING: Bioinformatics I

ImmPort Microarray Analysis Component (IMAC)

Select Experiment Samples from ImmPort projects or saved lists

TWO

Research Project to Save the Result: Research Project 3

The experiment sample saved lists displayed in the table below contains at least one experiment sample whose measurement technique is "Array" and the experiment type is "Transcript_Quantification".

If you don't have qualified experiment sample saved list, please go to [Advance Search](#).

The experiment samples displayed for GDS generation has excluded the entries without valid reagent or parsed results.

Accessible Projects with Gene Expression data			
ProjectID	Project Title	Project Type	
<input type="checkbox"/>	0	SBMI-PUBLIC WORKSPACE (SPW) SPW	
<input type="checkbox"/>	3	ZP2	RP
<input type="checkbox"/>	9	BISC Development Project	RP
<input type="checkbox"/>	16	Collaborative Project 3	CP
<input type="checkbox"/>	24	UT Demo CW	CP

Load from selected project(s)

Saved Experiment Sample List having Gene Expression data			
ListID	List Name	List Description	Project ID
<input type="checkbox"/>	133	saveESAll2	2
<input type="checkbox"/>	288	GE exp sample	9
<input type="checkbox"/>	292	jo test new gds	15
<input type="checkbox"/>	293	jo test ge 10/3	15
<input type="checkbox"/>	294	ic test new ods	15

Load from selected list(s)

Experiment Sample List for GDS Generation

Page 1 of 1 Save Items Save All

Exp Sample ID	Exp Sample Name	Exp Sample User Def	Bio Sample A	Bio Sample Name	Bio Sample U	Exp Sample Reagent Name	Exp Result Set Name
[Empty table body]							



Search / Reference Advanced Search

Using Advanced Search:

- Choose the type of data you want to find (e.g. genes, proteins) from the drop down list.
- Choose a folder to refine your search. It can be the same or different data type from the d you want to find.
- Click on the data feature(s) you want to search.
- Enter search terms for one or more features.

FOUR

Advanced Search - Selected Return Data Type : Gene

Tip: You can select a range of rows by holding down the 'Shift' key and then clicking the first and last rows you wish to select. This works best if you do not click on the check boxes. [More tips.](#)

Selected items: 1, 10, 100

Page 1 of 4324 View Details Save Items Save All Export

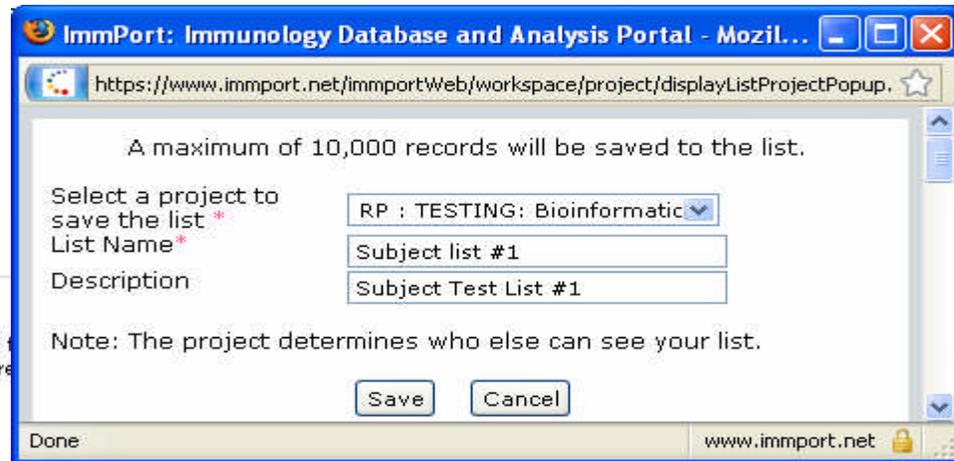
Entrez Gene Id	Symbol	Synonyms	Name	Taxonomy Name	Immport Gene
<input checked="" type="checkbox"/>	1	A1B	A1B[ABQ]DKFZP686F097C	alpha-1-B glycoprotein	Homo sapiens
<input checked="" type="checkbox"/>	10	NAT2	AAC2[PNAT]	N-acetyltransferase 2 (aryl)	Homo sapiens

From the homepage click on Access module and select 'Research Advanced Search'. Select Subject as an attribute to search and click submit. Name and describe the list generated.

Research Advanced Search

Using Advanced Search:

1. Choose the type of data you want to find (e.g. subjects, samples) (1)
2. Choose a folder to refine your search. It can be the same or different (1)
3. Click on the data feature(s) you want to search. (1)
4. Enter search terms for one or more features. (1)



Advanced Search - Selected Return Data Type : Subject

Tip: You can select a range of rows by holding down the 'Shift' key and the clicking the first and last rows you wish to select. [More tips.](#)

Selected items: SUB1, SUB10, SUB11, SUB12, SUB13

Sub Org Accession	User-Defined ID	Species	Race/Strain	Gender	Affection Phenotyp	Affection Stati	Project Title	
<input checked="" type="checkbox"/>	SUB1	ELISPOT Subject	Homo sapiens	Caucasian	Female	2	TESTING: Bioinformatics Inte	
<input checked="" type="checkbox"/>	SUB10	Subject_Exp13_38	Homo sapiens	Black or African Am	Male	Unknown	0	TESTING: Bioinformatics Inte
<input checked="" type="checkbox"/>	SUB11	Subject_Exp13_40	Homo sapiens	Native Hawaiians o	Female	Unknown	0	TESTING: Bioinformatics Inte
<input checked="" type="checkbox"/>	SUB12	Subject_Exp13_35	Homo sapiens	Black or African Am	Female	Unknown	0	TESTING: Bioinformatics Inte
<input checked="" type="checkbox"/>	SUB13	Subject_Exp13_22	Homo sapiens	Native Hawaiians o	Male	Case: Disease Affec	2	TESTING: Bioinformatics Inte
<input type="checkbox"/>	SUB14	Subject_Exp13_20	Homo sapiens	Black or African Am	Female	Unknown	0	TESTING: Bioinformatics Inte
<input type="checkbox"/>	SUB15	Subject_Exp13_43	Homo sapiens	Black or African Am	Male	Unknown	0	TESTING: Bioinformatics Inte

Click on 'My Saved Lists' from the home page to get to 'My Saved Lists Summary'

This page provides a summary overview of various types of saved lists within your selected research project by selecting one or more saved lists and clicking the 'View Details' button. Please note that the items

Page 1 of 6 | View Details | List Union | List Intersection | Displaying 1 - 25 of 133

List Name	List Description	List Type	Total Items	Accessible Items	Created By
<input type="checkbox"/> 20090710 AS Gene RP	total - 215715	GENE	10000	9993	yuench
<input type="checkbox"/> 20090710 AS protein all	total - 2848	PROTEIN	2803	2854	yuench
<input type="checkbox"/> 20090710 AS protein all -	total - 2848	PROTEIN	2803	2854	yuench
<input type="checkbox"/> 20090710 AS protein item	5th and 6th items	PROTEIN	2	2	yuench
<input type="checkbox"/> 20090710 AS gene PW	Test save to Public Data	GENE	10000	9993	yuench
<input type="checkbox"/> 20090710 AS protein union	Test	PROTEIN	10000	10234	yuench
<input type="checkbox"/> 20090710 save	copy of list 55	PROTEIN	10000	10234	yuench
<input type="checkbox"/> 20090710 subject		SUBJECT	1	0	yuench

Select items and click view details, check list union or list intersection. The List is generated from items of the same "List Type"

Click on 'My Saved Lists' from the home page to get to 'My Saved Lists Summary'

This page provides a summary overview of various types of saved lists within your selected research project by selecting one or more saved lists and clicking the 'View Details' button. Please note that the items

Page 1 of 6 | View Details | List Union | List Intersection | Displaying 1 - 25 of 133

<input type="checkbox"/>	List Name	List Description	List Type	Total Items	Accessible Items	Created By
<input type="checkbox"/>	20090710 AS Gene RP	total - 215715	GENE	10000	9993	yuench
<input type="checkbox"/>	20090710 AS protein all	total - 2848	PROTEIN	2803	2854	yuench
<input type="checkbox"/>	20090710 AS protein all -	total - 2848	PROTEIN	2803	2854	yuench
<input type="checkbox"/>	20090710 AS protein item	5th and 6th items	PROTEIN	2	2	yuench
<input type="checkbox"/>	20090710 gene PW	Test save to Public Data	GENE	10000	9993	yuench
<input type="checkbox"/>	20090710 protein union E	Test	PROTEIN	10000	10234	yuench
<input type="checkbox"/>	20090710 save all - 2 item	copy of list 55	PROTEIN	10000	10234	yuench
<input type="checkbox"/>	20090710 subject SUB14K	1 item - SUB1455	SUBJECT	1	0	yuench

Click on 'My Saved Lists' from the home page 'Access Data' tab to get to 'My Saved Lists Summary'

My Saved Lists Summary

This page provides a summary overview of various types of saved lists within your collaborative projects. You may view detailed information about specific saved lists by clicking on the 'View Details' button. Please note that the items displayed in a list are dependent on the projects you selected.

Selected items: 87, 88, 163

Page 1 of 2 | View Details | List Union | List Intersection | Displaying 1 - 25 of 32

List Name	List Description	List Type	Total Items	Accessible Items	Created By
<input checked="" type="checkbox"/> 20090710 gene PW	Test save to Public Data	GENE	10000	993	yuenc
<input checked="" type="checkbox"/> 20090710 protein union E Test		PROTEIN	10000	854	yuenc
<input checked="" type="checkbox"/> 20090722 SFVT sub PUB total - 4		SUBJECT	4	854	yuenc
<input type="checkbox"/> 20090722 SFVT sub SPW total - 106		SUBJECT	106		
<input type="checkbox"/> 20090722 SFVT sub SPW all - total - 3 thomsli		SUBJECT	3		
<input type="checkbox"/> 20090813 SFVT sub SPW all - 2		SUBJECT	2		
<input type="checkbox"/> 20090813 SFVT sub SPW total - 3470		MHC_ALLELE	3470		

Columns: List Name, List Description, List Type, Total Items, Accessible Items, Created By

My Save Lists Summary

List Intersection – Lists of the same type are required for this operation. If different types are selected a warning message is shown

Selected items: 51, 52

List Name	List Description	List Type	Total Items	Accessible Items	Created By
<input type="checkbox"/> test		BIO SAMPLE	18	13	kadalma
<input type="checkbox"/> 20090710 AS Gene RP	total - 215715		10000	9993	yuench
<input checked="" type="checkbox"/> 20090710 AS protein all	total - 2848	PROTEIN	2803	2854	yuench
<input checked="" type="checkbox"/> 20090710 AS protein all -	total - 2848	PROTEIN	2803	2854	yuench
<input type="checkbox"/> 20090710 AS protein item	5th and 6th items	PROTEIN	2	2	yuench
<input type="checkbox"/> 20090710 gene PW	Test save to Publ	GENE	10000	9993	yuench
<input type="checkbox"/> 20090710 protein union E	Test	PROTEIN	10000	10234	yuench

List Union – Lists of the same type are required for the union operation



Total items indicates the items coming from ALL projects

Accessible items are items accessible to user based on projects which the user has permission. The other reason for the difference in number from total items is that some items in the project could be deleted or deprecated hence indicating a difference in the count number.

List intersection saved list detail

Saved List Detail

72

Delete List

List ID: 72
 List Name: Inter1
 List Description: Inter1 info
 Project Name: RP : TESTING: Bioinforma
 List Type: SUBJECT
 Total Unique Items Saved: 2
 Number of accessible Items: 2
 Created By: kilelbe
 Date Created: 2009-07-10 11:58:59.0

List Union

A maximum of 10,000 records will be saved to the list.

Select a project to save the list * RP : TESTING: Bioinforma
 List Name* Inter1
 Description inter1 info

Note: The project determines who else can see your list.

Continue Cancel

List Items

Page 1 of 1 | View Details | Save Items | Save All | Export | Displaying 1 - 2 of 2

Sub Org Accession	User-Defined ID	Species	Race/Strain	Gender	Affection Phen	Affection Stat	Project Title
SUB15	Subject_Exp15	Homo sapiens	Black or African	Male	Unknown	0	TESTING: Bioinforma
SUB16	Subject_Exp16	Homo sapiens	Native Hawaii	Male	Case: Disease	2	TESTING: Bioinforma

Click on each tab to see the detailed information of list information

The user can delete list and go back to reselect items

The user can view details, save items, save all, or export pdf or xls files for further analysis

Selecting a Subject accession and view details to show the subject-organism information and the linked files such as treatments, protocols, biological samples etc

From the home page, click on 'My Projects' and to Get a list of 'My Saved Lists Summary'

This page provides a summary overview of various types of saved lists within your selected research and collaborative projects. You may view detailed information about specific saved lists by selecting one or more saved lists and clicking the 'View Details' button. Please note that the items displayed in a list are dependent on the projects you selected.

Selected items: 232, 42, 51

List of available saved items from the Administration module to view summary of the list

List Name	List Description	List Type	Total Items	Accessible Items	Created By
<input checked="" type="checkbox"/> test		BIO_SAMPLE	18	13	kadalma
<input checked="" type="checkbox"/> 20090710 AS Gene RP	total - 215715	GENE	10000	9993	yuench
<input checked="" type="checkbox"/> 20090710 AS protein all	total - 2848	PROTEIN	2803	2854	yuench
<input type="checkbox"/> 20090710 AS protein all - total - 2848		PROTEIN	2803	2854	yuench

Saved List details

Click on a Saved List ID to view the details and the name of the Items Saved.

Saved List Detail

Selected Projects

41

Delete List

Click on each tab to see the detailed information of list information

List ID: 41

List Name: Subject list

List Description: Subject List

Project Name: SUBJECT

List Type: SUBJECT

Total Unique Items Saved: 8

Number of accessible Items: 8

Created By: kilelbe

Date Created: 2009-07-10 09:41

The user can delete list and go back to reselect items

View details, or Save Selected items to a list

Export by downloading as pdf or xls files

List Items

Page 1 of 1 | View Details | Save Items | Save All | Export | Displaying 1 - 8 of 8

Sub Org Accession	User-Defined ID	Species	Race/Strain	Gender	Affection Phen	Affection Stat	Project Title
SUB1	ELISPOT Subj	Homo sapiens	Caucasian	Female		2	TESTING: Bioinforma
SUB10	Subject_Exp13	Homo sapiens	Black or Africar	Male	Unknown	0	TESTING: Bioinforma
SUB11	Subject_Exp13	Homo sapiens	Native Hawaiia	Female	Unknown	0	TESTING: Bioinforma
SUB12	Subject_Exp13	Homo sapiens	Black or Africar	Female	Unknown	0	TESTING: Bioinforma