

## Subject-Organism Summary

This summarizes the subject/organism (human or animal) which was involved in an experiment. The Subject-Organism page provides a summary of various types of subjects within a given research project. Detailed information about specific subjects are viewed by selecting one or more subjects and clicking the 'View Details' button. Search Options are All Subjects/Organisms, By User-Defined ID, By Species, By Strain (non-human). All these are not sortable, do not contain links or pop-ups and not resizable. If you have any questions or comments please contact ImmPort at [helpdesk@immport.org](mailto:helpdesk@immport.org)

**Click on Research Data and select Subjects**

**Research Projects**

- ADVN Varicella 3
- Atopic Dermatitis & Vaccinia Network (ADVN) Clinical Studies Consortium
- IP2.6.1 BUL 2
- ITN019AD - Clinical Trial
- Research Project for ImmPort Version 2.7 - XML
- TESTING: Bioinformatics Integration Support Project
- Test research project for v2.5.2

**Collaborative Projects**

- Test collaborative project for v2.5.2

**Public Workspaces**

- SEMI-PUBLIC WORKSPACE (SPW) PROJECT

**What You Can Do:** Search Data | Visualize Data | Analyze Data

**Genes**  
Access integrated information about genes and their protein products, including structural and functional attributes, biological pathway membership, protein-protein interactions and more.

**MHC Alleles**  
Find complete DNA and protein sequences, sequence features, and population frequencies of MHC, MIC and TAP alleles. Align MHC sequences to visualize extent of polymorphisms.

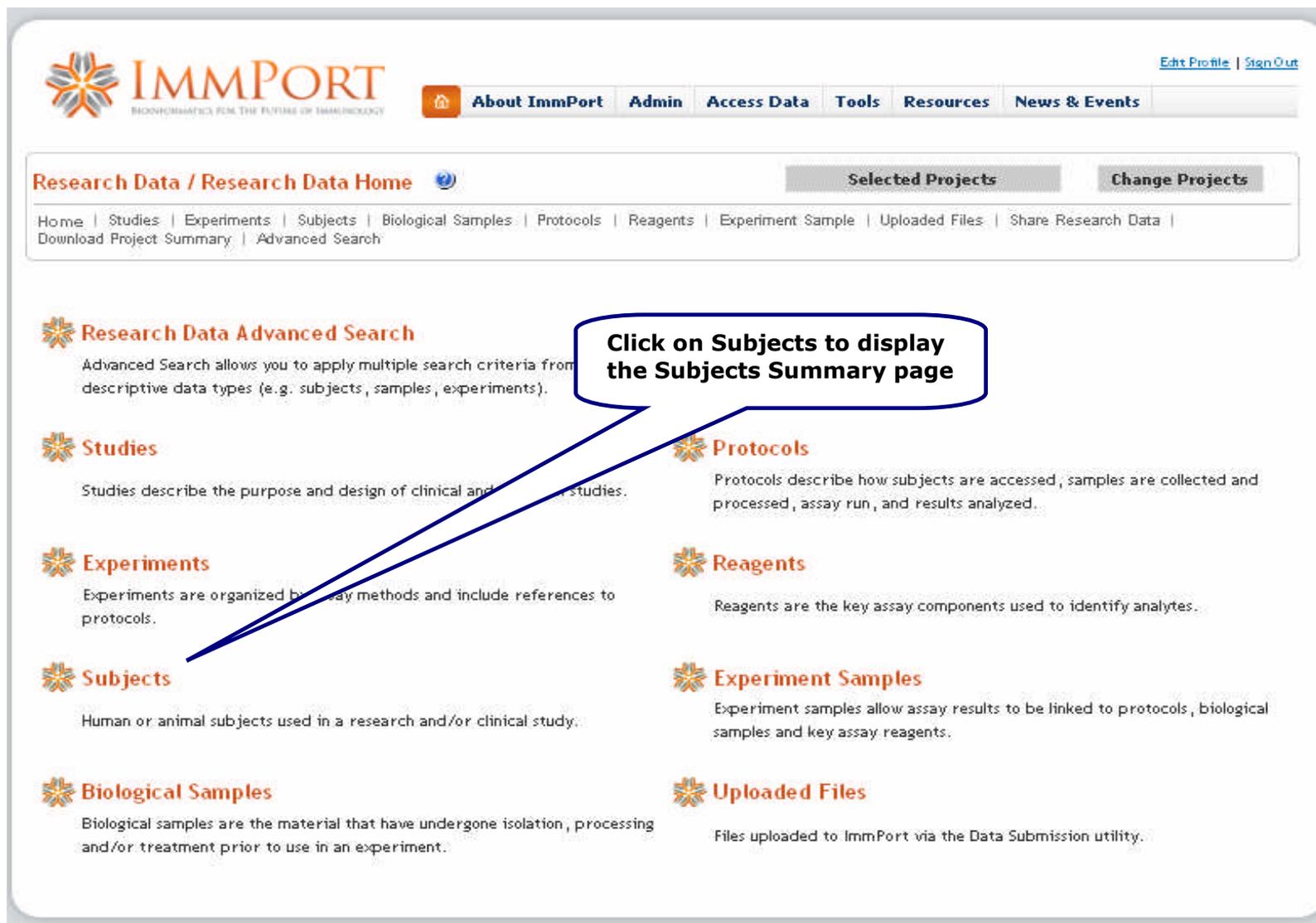
**ImmPort Gene Lists**  
View detailed information about immunologically-relevant genes by category. Examine differential gene expression information from immunologically-relevant microarray data sets.

**Research Spotlight**

Graph showing CD33 cells per 10<sup>6</sup> PMNCs vs Days post-infection. Legend: -Raps (open circles), +Raps (filled circles). Day -1 to 30. P-values: P = 0.0180, P = 0.0166.

Histograms showing gene expression for CD33, CD32L, KLHG1, and Bcl2 at Day -1 and Day 30.

Alternatively, from the Research Data Home, select Subjects to view the search options and the Subjects summary



The screenshot shows the ImmPort Research Data Home page. At the top left is the IMMPORT logo. To the right of the logo is a navigation menu with links: About ImmPort, Admin, Access Data, Tools, Resources, and News & Events. Further right are links for Edit Profile and Sign Out. Below the navigation menu is a breadcrumb trail: Research Data / Research Data Home. To the right of the breadcrumb are buttons for Selected Projects and Change Projects. Below the breadcrumb is a secondary navigation menu with links: Home, Studies, Experiments, Subjects, Biological Samples, Protocols, Reagents, Experiment Sample, Uploaded Files, Share Research Data, Download Project Summary, and Advanced Search. The main content area features a grid of ten categories, each with a flower icon and a title: Research Data Advanced Search, Studies, Experiments, Subjects, Biological Samples, Protocols, Reagents, Experiment Samples, and Uploaded Files. A blue callout box with a white background and a blue border is positioned over the 'Subjects' category. The callout box contains the text 'Click on Subjects to display the Subjects Summary page' and has two lines extending from its bottom-left corner to point directly at the 'Subjects' category title.

**Click on Subjects to display the Subjects Summary page**

**Research Data Advanced Search**  
Advanced Search allows you to apply multiple search criteria from descriptive data types (e.g. subjects, samples, experiments).

**Studies**  
Studies describe the purpose and design of clinical and pre-clinical studies.

**Experiments**  
Experiments are organized by assay methods and include references to protocols.

**Subjects**  
Human or animal subjects used in a research and/or clinical study.

**Biological Samples**  
Biological samples are the material that have undergone isolation, processing and/or treatment prior to use in an experiment.

**Protocols**  
Protocols describe how subjects are accessed, samples are collected and processed, assay run, and results analyzed.

**Reagents**  
Reagents are the key assay components used to identify analytes.

**Experiment Samples**  
Experiment samples allow assay results to be linked to protocols, biological samples and key assay reagents.

**Uploaded Files**  
Files uploaded to ImmPort via the Data Submission utility.

## Subject-Organism Summary

Research Data / Subject-Organism Summary 

Selected Projects Change Projects

Home | Experiments | Subjects | Biological Samples | Protocols | Reagents | Experiment Sample | Uploaded Files | Share Research Data | Download Project Summary

This page provides a summary overview of various types of subjects within your given research project. You may view detailed information about subjects by selecting one or more subjects and clicking the 'View Details' button.

**Search Options**

Subject: User Def Subject Org Id Like

Like  
 Exact Match  
 Starts With  
 Ends With  
 Not Null  
 Not Equal

Subject: Research Project Equal

Subject: Species Equal

Subject: Strain Like

Like  
 Exact Match  
 Starts With  
 Ends With  
 Not Null  
 Not Equal

Subject: Saved List Equal

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Subject: Saved List Equal

Change projects or view list of selected project(s)

Click here to go back and view the selected items or make a new selection

union 1  
 20090813 PO AS subject  
 Subject list #1  
 Subject list #2  
 Inter1  
 Inter1  
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 Sub\_EXP2\_case  
 Sub\_EXP2 ctrl

Research Data / Subject-Organism Summary

Selected Projects

Change Projects

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This page provides a summary overview of various types of subjects within your given research project. You may view detailed information about specific subjects by selecting one or more subjects and clicking the 'View Details' button.

**Search Options**

Subject: User Def Subject Org Id Like

Sub: Like

Subject: Species Equal

Subject: Saved List Equal

User can view the subject details, save items or save all to a list for further analysis

All columns will be exported and all search results will be exported

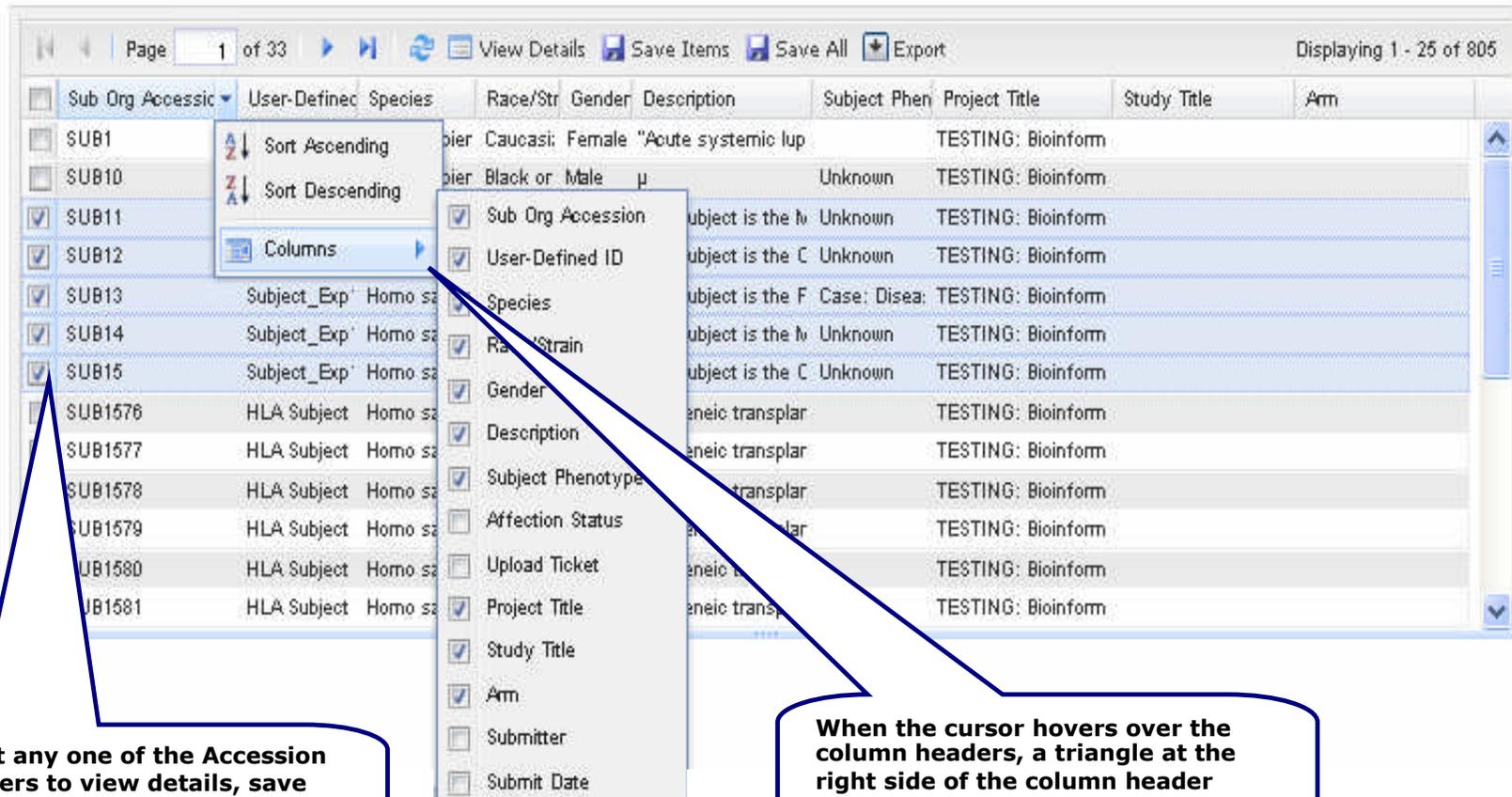
Selected items: SUB11, SUB12

Page 1 of 33 View Details Save Items Save All Export Displaying 1 - 25 of 805

Sub Org	Accession	User-Defined	Species	Race/Str	Gender	Description	Subject Phen	Project Title	Study Title	Arm
<input type="checkbox"/>	SUB1	ELISPOT Sut	Homo sapien	Caucasi	Female	"Acute systemic lup		TESTING: Bioinform		
<input type="checkbox"/>	SUB10	Subject_Exp	Homo sapien	Black or	Male	μ	Unknown	TESTING: Bioinform		
<input checked="" type="checkbox"/>	SUB11	Subject_Exp	Homo sapien	Native	Female	This subject is the N	Unknown	TESTING: Bioinform		
<input checked="" type="checkbox"/>	SUB12	Subject_Exp	Homo sapien	Black or	Female	This subject is the C	Unknown	TESTING: Bioinform		

When the cursor hovers over the column headers, a triangle at the right side of the column header appears indicating sorting ascending and descending as well as the columns that are in the table. Click on the arrow from the columns to display the columns.

Selected items: SUB11, SUB12, SUB13, SUB15, SUB14



<input type="checkbox"/>	Sub Org Accession	User-Defined ID	Species	Race/Strain	Gender	Description	Subject Phenotype	Project Title	Study Title	Arm
<input type="checkbox"/>	SUB1		Homo sapiens	Caucasi	Female	"Acute systemic lup		TESTING: Bioinform		
<input type="checkbox"/>	SUB10		Homo sapiens	Black or African	Male		Unknown	TESTING: Bioinform		
<input checked="" type="checkbox"/>	SUB11		Homo sapiens			subject is the	Unknown	TESTING: Bioinform		
<input checked="" type="checkbox"/>	SUB12		Homo sapiens			subject is the C	Unknown	TESTING: Bioinform		
<input checked="" type="checkbox"/>	SUB13	Subject_Exp	Homo sapiens			subject is the F	Case: Disease	TESTING: Bioinform		
<input checked="" type="checkbox"/>	SUB14	Subject_Exp	Homo sapiens			subject is the	Unknown	TESTING: Bioinform		
<input checked="" type="checkbox"/>	SUB15	Subject_Exp	Homo sapiens			subject is the C	Unknown	TESTING: Bioinform		
<input type="checkbox"/>	SUB1576	HLA Subject	Homo sapiens			eneic transpl		TESTING: Bioinform		
<input type="checkbox"/>	SUB1577	HLA Subject	Homo sapiens			eneic transpl		TESTING: Bioinform		
<input type="checkbox"/>	SUB1578	HLA Subject	Homo sapiens			transpl		TESTING: Bioinform		
<input type="checkbox"/>	SUB1579	HLA Subject	Homo sapiens			lar		TESTING: Bioinform		
<input type="checkbox"/>	SUB1580	HLA Subject	Homo sapiens			eneic		TESTING: Bioinform		
<input type="checkbox"/>	SUB1581	HLA Subject	Homo sapiens			eneic transp		TESTING: Bioinform		

Select any one of the Accession numbers to view details, save items, save all or export the data for further analysis

When the cursor hovers over the column headers, a triangle at the right side of the column header appears. The sorting order and the columns available will be displayed