



**IMMPORT**  
BIOINFORMATICS FOR THE FUTURE OF IMMUNOLOGY

# ImmPort Pathway Detailed Report

## **Pathway Detailed Report**

The following are the sources of the pathway information presented on this page.

Pathway - KEGG

Gene - NCBI Entrez Gene

To export the detailed records on this page, click on "Export" at the bottom of the screen. For the exported text file to display properly on a PC, use the WordPad text editor program to open the text file.

### **Link(s)**

About Reference Data

For dates of when data were extracted from their original sources, see Reference Data History on the side navigation under the reference data query module.



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**Pathway Detailed Report**

hsa04662    hsa04010

Collapse All:    Expand All:

**Pathway Summary**

Pathway ID: [path:hsa04662](#)  
Pathway Name: B cell receptor signaling pathway  
Organism: *Homo sapiens*  
Data Source: KEGG

**Genes In Pathway**

Entrez Gene ID	Gene Symbol	Gene Name
<a href="#">[Details Build 36.1, hg18]</a> 15	BCL10	B-cell CLL/lymphoma 10
<a href="#">[Details Build 35, hg17]</a> <a href="#">[Details Build 36.1, hg18]</a>	RELA	v-rel reticuloendotheliosis viral oncogene homolog A (a
<a href="#">[Details Build 35, hg17]</a> <a href="#">[Details Build 36.1, hg18]</a>	PRKCB	protein kinase C, beta
5579 <a href="#">[Details Build 35, hg17]</a> <a href="#">[Details Build 36.1, hg18]</a>	IL10RA3	leukocyte immunoglobulin-like receptor, subfamily B (with TM and
2932 <a href="#">[Details Build 35, hg17]</a> <a href="#">[Details Build 36.1, hg18]</a>	NFAT5	nuclear factor of activated T-cells 5, tonicity-responsive
10725 <a href="#">[Details Build 35, hg17]</a> <a href="#">[Details Build 36.1, hg18]</a>	CD79B	CD79b molecule, immunoglobulin-associated beta
974 <a href="#">[Details Build 35, hg17]</a>		

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Click on the Gene ID to get to the gene detail page

Expand the collapsed tabs for detailed information on protein summary



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**Pathway Summary**

Pathway ID: [path:hsa04662](#)  
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Data Source: KEGG

**Genes In Pathway**

Entrez Gene ID	Gene Symbol	Gene Name
<a href="#">[Details Build 36.1, hg18]</a> 8915	BCL10	B-cell CLL/lymphoma 10
<a href="#">[Details Build 35, hg17]</a> <a href="#">[Details Build 36.1, hg18]</a> 5970	RELA	v-rel reticuloendotheliosis viral oncogene homolog A (avian)
<a href="#">[Details Build 36.1, hg18]</a> <a href="#">[Details Build 35, hg17]</a> 5579	PRKCB	protein kinase C, beta
<a href="#">[Details Build 36.1, hg18]</a> <a href="#">[Details Build 35, hg17]</a> 2932	CD80	lymphocyte immunoglobulin-like receptor family B (with TM and Ig-like domains)
<a href="#">[Details Build 36.1, hg18]</a> <a href="#">[Details Build 35, hg17]</a> 10725	NFATC1	nuclear factor of activated T-cells 1, cytoplasmic, calcineurin-dependent
<a href="#">[Details Build 36.1, hg18]</a> <a href="#">[Details Build 35, hg17]</a> 974	CD86	lymphocyte immunoglobulin-like receptor family B (with TM and Ig-like domains)

**Export**

**Opening output\_1241016336854.txt**

You have chosen to open  
 **output\_1241016336854.txt**  
which is a: Text Document  
from: <https://www.immport.net>

What should Firefox do with this file?

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Save to Disk

Do this automatically for files like this from now on.

OK    Cancel

**Click 'Export' to generate a text file which can be used for further analysis**