

Old Interface

Landing search interface

Candidate Cancer Gene Database

AboutSearchDownloadHelpTutorialLinksContact

Search

Cancer

(All cancers)
Blood Cancer
Colorectal Cancer
Liver Cancer
Mixed
Nervous System Cancer
Pancreatic Cancer
Prostate Cancer

Study

(All studies)
Bard-Chapeau 2013-01
Berquam Vrieze 2011-01
Berquam Vrieze 2011-02
Berquam Vrieze 2011-03
Collier 2005-01
Collier 2009-01
Dupuy 2005-01

Gene
(optional)

Each gene entered above is a

Human

symbol

Search

Separate search results table

Search Results

Export

Mouse Symbol	Mouse ID	Human Symbol	Cancer Type	Rank
Pten	19211	PTEN	Blood Cancer	A
Pten	19211	PTEN	Blood Cancer	A
Pten	19211	PTEN	Blood Cancer	A
Pten	19211	PTEN	Blood Cancer	B
Pten	19211	PTEN	Blood Cancer	C
Pten	19211	PTEN	Blood Cancer	Not Ranked
Pten	19211	PTEN	Blood Cancer	Not Ranked
Pten	19211	PTEN	Colorectal Cancer	A
Pten	19211	PTEN	Colorectal Cancer	D
Pten	19211	PTEN	Liver Cancer	A
Pten	19211	PTEN	Mixed	Not Ranked
Pten	19211	PTEN	Nervous System Cancer	A
Pten	19211	PTEN	Nervous System Cancer	A
Pten	19211	PTEN	Nervous System Cancer	B
Pten	19211	PTEN	Nervous System Cancer	B
Pten	19211	PTEN	Nervous System Cancer	B
Pten	19211	PTEN	Nervous System Cancer	C
Pten	19211	PTEN	Nervous System Cancer	D
Pten	19211	PTEN	Nervous System Cancer	Not Ranked
Pten	19211	PTEN	Pancreatic Cancer	A
Pten	19211	PTEN	Pancreatic Cancer	A
Pten	19211	PTEN	Skin Cancer	D
Crebbp	12914	CREBBP	Blood Cancer	B

Records 1 to 25 of 12725

Separate gene page

Mouse gene Pten

Mouse Gene Symbol	Pten (COSMIC @ GeneCards @)	Total Studies	20
Mouse Gene ID	19133 (MGI @)		
Human Gene Symbol(s)	PTEN (COSMIC @ GeneCards @)	COSMIC Mutation	Yes
Human Gene ID(s)	2748 (NCBI @)	CGC	Yes
HomoloGene	265 (UniProt @)		
CIS Address	15q30R04R05-30R04R05 (NCBI @ Ensembl @)		
Study	Bard-Chapeau 2013-01 @ (Ensembl @)		
Cancer Type	Pancreatic Cancer		
Relative Rank	A		
Predicted Effect	Not Determined		
Rat Gene Symbol(s)	Pten (COSMIC @ GeneCards @)		
Rat Gene ID(s)	10592 (MGI @)		
Drosophila Gene Symbol(s)	Pten (COSMIC @ GeneCards @)		
Drosophila Gene ID(s)	43995 (NCBI @)		
Zebrafish Gene Symbol(s)	ptenb (UniProt @ GeneCards @)		
Zebrafish Gene ID(s)	365415 (NCBI @)		
Yeast Gene Symbol(s)			
Yeast Gene ID(s)			

New Interface

Fully contained search-results interface

Search

The table below is the heart of the CCGD. These instructions are intended to be a brief overview for using the table. If further detail is necessary, please visit the **help** page.

Filters

There are 4 parameters to filter the dataset by:

- Species*: This table contains gene homology derived from mouse genes for several species. Mouse and Human are shown by default. You can search for genes from others, and the equivalent homologs will still appear.
 - Options: Mouse, Human, Rat, Drosophila, Zebra Fish, S. Cerevisiae
- Study*: Select for results of a specific study in this field.
- Cancer*: Narrow results according to the reported disease model.
- Genes*: Filter using NCBI gene names or IDs. Case sensitivity isn't an issue, and names can be comma or line separated.

- **Visibility** - include hidden columns in the table view
- **Download** - export table contents with filtered results in csv format

Species

Study

Cancer

Genes

Mouse

All studies

All cancers

pten

Download

Column visibility

Previous

1

2

3

4

5

Next

Showing 1 to 10 of 45 entries

MouseName	HumanName	homologId	Study	Effect	Rank	Cancer	Studies
Pten	PTEN	265	Bard-Chapeau 2014-01	N/A	A	Liver Cancer	45
Pten	PTEN	265	Been 2014-01	Loss	B	Blood Cancer	45
Pten	PTEN	265	Berquam Vrieze 2011-02	Loss	B	Blood Cancer	45
Pten	PTEN	265	Chen 2017-01	N/A	A	Breast Cancer	45
Pten	PTEN	265	Collier 2009-01	N/A	A	Blood Cancer	45
Pten	PTEN	265	Friedel 2013-01	N/A	N/A	Mixed	45
Pten	PTEN	265	Genovesi 2013-01	N/A	B	Nervous System Cancer	45
Pten	PTEN	265	Giotopoulos 2016-01	N/A	A	Blood Cancer	45
Pten	PTEN	265	Guo 2016-01	N/A	D	Blood Cancer	45
Pten	PTEN	265	Kodama 2016-01	N/A	A	Liver Cancer	45