

A. Node Search

Filters

select all

deselect all

Gene

Compound

Anatomy

Disease

Symptom

Side Effect

Biological Process

Cellular Component

Molecular Function

Pathway

Pharmacologic Class

Source Node

D

Alzheimer's disease

Target Node

name or identifier

BP

DNA-templated transcription, initiation

PW

mRNA Processing

BP

transcription initiation from RNA polymerase II promoter

PW

Circadian rythm related genes

MF

protein serine/threonine kinase activity

D

hematologic cancer

C. Paths

425 results, 8 selected, 1 highlighted

.csv

expand

	metapath	path	path score	% of DWPC
	DuGiGpPW	Alzhei... u C1orf... i HOME... p Circad...	35.2	13.3
	DrDaGpPW	Alzhei... r Creutz... a NPAS2 p Circad...	29.3	42.7
	DdGiGpPW	Alzhei... d CDH13 i ADIP... p Circad...	28.3	6.6
	DrDuGpPW	Alzhei... r amyot... u ID4 p Circad...	28.1	26.3
	DdGiGpPW	Alzhei... d CALY i DRD1 p Circad...	27.9	6.5
	DdGpPW	Alzhei... d ARNT2 p Circadi...	27.3	36.4
	DrDuGpPW	Alzhei... r Parkin... u RBM4B p Circad...	24.5	22.9
	DdGiGpPW	Alzhei... d CRY2 i PER3 p Circad...	21.6	5.0
	DaGiGpPW	Alzhei... a PYY i NPY2R p Circad...	19.0	6.5
	DdGiGpPW	Alzhei... d DAB1 i CIART p Circad...	18.5	4.3

10

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B. Metapaths

27 results, 7 selected

.csv

precomputed only

expand

metapath	path count	adjusted p-value
<div><div>✓</div><div>D</div><div>d</div><div>G</div><div>i</div><div>G</div><div>p</div><div>PW</div></div>	343	$4.8 \times 10^{-5}$
<div><div>✓</div><div>D</div><div>a</div><div>G</div><div>i</div><div>G</div><div>p</div><div>PW</div></div>	479	$1.2 \times 10^{-3}$
<div><div>✓</div><div>D</div><div>u</div><div>G</div><div>i</div><div>G</div><div>p</div><div>PW</div></div>	360	$2.3 \times 10^{-3}$
<div><div>✓</div><div>D</div><div>i</div><div>A</div><div>e</div><div>G</div><div>p</div><div>PW</div></div>	997	$2.9 \times 10^{-2}$
<div><div>✓</div><div>D</div><div>u</div><div>G</div><div>r</div><div>G</div><div>p</div><div>PW</div></div>	191	$5.9 \times 10^{-2}$
<div><div>✓</div><div>D</div><div>d</div><div>G</div><div>r</div><div>G</div><div>p</div><div>PW</div></div>	195	$6.6 \times 10^{-2}$
<div><div>✓</div><div>D</div><div>r</div><div>D</div><div>u</div><div>G</div><div>p</div><div>PW</div></div>	7	$8.5 \times 10^{-2}$
<div><div>✓</div><div>D</div><div>d</div><div>G</div><div>p</div><div>PW</div></div>	5	$1.8 \times 10^{-1}$
<div><div>✓</div><div>D</div><div>r</div><div>D</div><div>a</div><div>G</div><div>p</div><div>PW</div></div>	13	$2.1 \times 10^{-1}$
<div><div>✓</div><div>D</div><div>u</div><div>G</div><div>r</div><div>G</div><div>p</div><div>PW</div></div>	181	$2.5 \times 10^{-1}$

10

1 of 3

D. Graph

reset

unpin

pin

fit

grid

.svg

16 nodes, 22 edges

640 × 480

kind

directed

sources

associates

false

GWAS Catalog

neo4j\_id

license

unbiased

2191989

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true