

60%

## **Functional Annotation Chart**

Help and Manual

**Current Gene List: condition\_specific\_gene\_list Current Background: Homo sapiens 2052 DAVID IDs** 

## **Options**

Rerun Using Options | Create Sublist

8095 chart records

## March Download File

			44	1, <u>2</u> , <u>3</u>	<u>8, 4, 5, 6, 7, 8</u>	<b>B D D</b>
Sublist	Category	Term	RT Genes	Count	% P-Value	Benjamini
		baculoviral IAP repeat containing 3(BIRC3)	RT	493	24.0 1.9E-164	1 1
	BIOGRID_INTERACTION	pleckstrin homology domain containing A4(PLEKHA4)	RT	750	36.5 1.7E-146	1.6E-142
	BIOGRID_INTERACTION	elongation factor Tu GTP binding domain containing 2(EFTUD2)	RT	479	23.3 4.4E-145	2.9E-141
	BIOGRID_INTERACTION	nuclear receptor subfamily 2 group C member 2(NR2C2)	RT	477	23.2 6.8E-145	3.4E-141
	BIOGRID_INTERACTION	bromodomain containing 4(BRD4)	RT	475	23.1 3.3E-140	1.3E-136
	BIOGRID_INTERACTION	estrogen receptor 1(ESR1)	RT	616	30.0 5.9E-134	2.0E-130
	BIOGRID_INTERACTION	RNA binding motif protein 39(RBM39)	RT	365	17.8 2.8E-131	7.9E-128
	BIOGRID_INTERACTION	Adenomatous polyposis coli 2(Apc2)	RT	335	16.3 1.7E-123	4.2E-120
	BIOGRID_INTERACTION	<u>UFM1 specific ligase 1(UFL1)</u>	RT	369	18.0 9.0E-119	2.0E-115
	BIOGRID_INTERACTION	ORF1a polyprotein;ORF1ab polyprotein(ORF1ab)	RT	751	36.6 6.9E-116	1.4E-112
	BIOGRID_INTERACTION	MYC proto-oncogene, bHLH transcription factor(MYC)	RT	542	26.4 4.3E-114	7.7E-111
	BIOGRID_INTERACTION	RecQ like helicase 4(RECQL4)	RT	441	21.5 5.0E-114	8.3E-111
	BIOGRID_INTERACTION	zinc finger CCCH-type containing 18(ZC3H18)	RT	325	15.8 4.9E-110	7.5E-107
	BIOGRID_INTERACTION	N-alpha-acetyltransferase 40, NatD catalytic subunit(NAA40)	RT	349	17.0 1.3E-108	1.8E-105
	BIOGRID_INTERACTION	neurotrophic receptor tyrosine kinase 1(NTRK1)	RT	526	25.6 7.4E-107	9.8E-104
	BIOGRID_INTERACTION	fizzy and cell division cycle 20 related 1(FZR1)	RT	375	18.3 6.4E-106	7.9E-103
	BIOGRID_INTERACTION	DDRGK domain containing 1(DDRGK1)	RT	392	19.1 2.6E-105	3.1E-102
	BIOGRID_INTERACTION	prohibitin 1(PHB1)	RT	353	17.2 1.9E-101	2.1E-98
	BIOGRID_INTERACTION	kinesin family member 14(KIF14)	RT	485	23.6 4.6E-100	4.8E-97
	BIOGRID_INTERACTION	fibronectin 1(FN1)	RT	299	14.6 6.5E-98	6.5E-95
	BIOGRID_INTERACTION	H4 clustered histone 1(H4C1)	RT	453	22.1 5.1E-97	4.8E-94
	BIOGRID_INTERACTION	anterior gradient 2, protein disulphide isomerase family member(AGR2)	RT	326	15.9 6.5E-97	5.9E-94
	${\tt BIOGRID\_INTERACTION}$	citron rho-interacting serine/threonine kinase(CIT)	RT	418	20.4 1.5E-96	1.3E-93
	${\tt BIOGRID\_INTERACTION}$	cullin 7(CUL7)	RT	302	14.7 3.8E-94	3.1E-91
	${\tt BIOGRID\_INTERACTION}$	AAR2 splicing factor(AAR2)	RT ===	261	12.7 5.1E-93	4.0E-90
	${\tt BIOGRID\_INTERACTION}$	charged multivesicular body protein 4C(CHMP4C)	RT	269	13.1 2.4E-92	1.8E-89
	BIOGRID_INTERACTION	WD repeat domain 5(WDR5)	RT	322	15.7 1.3E-91	9.5E-89
	BIOGRID_INTERACTION	small nuclear ribonucleoprotein U1 subunit 70(SNRNP70)	RT	309	15.1 4.3E-91	3.0E-88
	BIOGRID_INTERACTION	WW domain containing E3 ubiquitin protein ligase 2(WWP2)	RT	288	14.0 4.5E-91	3.0E-88
	BIOGRID_INTERACTION	<u>basic transcription factor 3(BTF3)</u>	RT	282	13.7 5.8E-91	3.8E-88
	BIOGRID_INTERACTION	methylphosphate capping enzyme(MEPCE)	RT	296	14.4 2.2E-89	1.4E-86
	BIOGRID_INTERACTION	cyclin dependent kinase 2(CDK2)	RT	273	13.3 2.0E-88	1.2E-85
	BIOGRID_INTERACTION	ring finger and CCCH-type domains 2(RC3H2)	RT	258	12.6 9.4E-88	5.6E-85
	BIOGRID_INTERACTION	estrogen receptor 2(ESR2)	RT	537	26.2 1.9E-85	1.1E-82
	BIOGRID_INTERACTION	<u>PIH1 domain containing 1(PIH1D1)</u>	RT	264	12.9 3.0E-85	1.7E-82
	BIOGRID_INTERACTION	vascular cell adhesion molecule 1(VCAM1)	RT ===	207	10.1 4.3E-82	2.4E-79
		BRCA1 DNA repair associated(BRCA1)	RT	338	16.5 2.3E-81	1.2E-78
		E1A binding protein p300(EP300)	RT	366	17.8 9.3E-81	4.9E-78
	BIOGRID_INTERACTION	staufen double-stranded RNA binding protein 1(STAU1)	RT	301	14.7 1.5E-80	
	BIOGRID_INTERACTION		RT	365	17.8 4.8E-80	2.4E-77
		integrin alpha FG-GAP repeat containing 1(ITFG1)	RT	222	10.8 5.5E-80	2.6E-77
		ring finger and CCCH-type domains 1(RC3H1)	RT	249	12.1 9.1E-80	4.3E-77
	BIOGRID_INTERACTION	tumor protein p53(TP53)	<u>RT</u>			