Tecido normal

Conversion Details

Converted from "GENE_SYMBOL" to "GENE_SYMBOL"

original id	gene symbol	description
DOCK9	DOCK9	dedicator of cytokinesis 9
EPC1	EPC1	enhancer of polycomb homolog 1 (Drosophila)
FLNA	FLNA	filamin A, alpha (actin binding protein 280)
FRMD8	no mapping	
GLTSCR1	GLTSCR1	glioma tumor suppressor candidate region gene 1
IKZF1	IKZF1	IKAROS family zinc finger 1 (Ikaros)
KRT6A	KRT6A	keratin 6A
MAP1B	MAP1B	microtubule-associated protein 1B
MPHOSPH10	MPHOSPH10	M-phase phosphoprotein 10 (U3 small nucleolar ribonucleoprotein)
MYH11	MYH11	myosin, heavy chain 11, smooth muscle
MYL6	MYL6	myosin, light chain 6, alkali, smooth muscle and non-muscle
NME4	NME4	non-metastatic cells 4, protein expressed in
NRXN3	NRXN3	neurexin 3
NUMA1	NUMA1	nuclear mitotic apparatus protein 1
PPAP2A	PPAP2A	phosphatidic acid phosphatase type 2A
PPAP2B	PPAP2B	phosphatidic acid phosphatase type 2B
RAB14	RAB14	RAB14, member RAS oncogene family
TMSB4X	TMSB4X	thymosin, beta 4, X-linked
TTLL3	TTLL3	tubulin tyrosine ligase-like family, member 3

overlap matrix by gene and geneset	V$SRF_Q5_01	SMID_BREAST_CANCER_LUMINAL_B_DN	INTRACELLULAR_NON_MEMBRANE_BOUND_ORGANELLE	NON_MEMBRANE_BOUND_ORGANELLE	MODULE_202	INTRACELLULAR_ORGANELLE_PART	ORGANELLE_PART	CYTOSKELETON	SYSTEM_DEVELOPMENT	GNATENKO_PLATELET_SIGNATURE	Entrez	Source	description
FLNA	■	■	■	■	■			■	■	■		S	filamin A, alpha (actin binding protein 280)
MYH11	■	■			■				■			S	myosin, heavy chain 11, smooth muscle
PPAP2B	■	■										S	phosphatidic acid phosphatase type 2B
MYL6	■		■	■	■	■	■	■	■	■		S	myosin, light chain 6, alkali, smooth muscle and non-muscle
NRXN3	■								■			S	neurexin 3
KRT6A		■	■	■		■	■	■	■			S	keratin 6A
MAP1B		■	■	■		■	■	■				S	microtubule-associated protein 1B
IKZF1		■							■			S	IKAROS family zinc finger 1 (Ikaros)
NUMA1			■	■		■	■	■				S	nuclear mitotic apparatus protein 1
MPHOSPH10			■	■		■	■					S	M-phase phosphoprotein 10 (U3 small nucleolar ribonucleoprotein)
RAB14						■	■					S	RAB14, member RAS oncogene family
EPC1						■	■					S	enhancer of polycomb homolog 1 (Drosophila)
TMSB4X										■		S	thymosin, beta 4, X-linked
TTLL3												S	tubulin tyrosine ligase-like family, member 3
GLTSCR1												S	glioma tumor suppressor candidate region gene 1
PPAP2A												S	phosphatidic acid phosphatase type 2A
NME4												S	non-metastatic cells 4, protein expressed in
DOCK9												S	dedicator of cytokinesis 9

View Gene Families for Selected Genes

The following table provides a functional overview of the MSigDB gene sets by categorizing their genes into a small number of carefully chosen "gene families". To categorize the genes in a gene set, use the gene set page or the Investigate Gene Sets page.

Click on a gene family or gene family intersection to retrieve annotations for those genes.

	cytokines and growth factors	transcription factors	homeodomain proteins	cell differentiation markers	protein kinases	translocated cancer genes	oncogenes	tumor suppressors
tumor suppressors	0	0	0	0	0	0	0	0
oncogenes	0	1	0	0	0	3	3	
translocated cancer genes	0	1	0	0	0	3		
protein kinases	0	0	0	0	0			
cell differentiation markers	0	0	0	0				
homeodomain proteins	0	0	0					
transcription factors	0	1						
cytokines and growth factors	0							

Members of these "gene families" share a common feature such as homology or biochemical activity. They do not necessarily have common origins. For the source of each "gene family" definition, click here.

Tecido Tumoral:

Conversion Details

Converted from "GENE_SYMBOL" to "GENE_SYMBOL"

original id	gene symbol	description
AMACR	AMACR	alpha-methylacyl-CoA racemase
ARF4	ARF4	ADP-ribosylation factor 4
ATP11B	ATP11B	ATPase, Class VI, type 11B
ATP5SL	no mapping	
BSCL2	BSCL2	Bernardinelli-Seip congenital lipodystrophy 2 (seipin)
CCNL2	CCNL2	cyclin L2
FOXA1	FOXA1	forkhead box A1
GAPDH	GAPDH	glyceraldehyde-3-phosphate dehydrogenase
MRFAP1	MRFAP1	Mof4 family associated protein 1
PABPC1	PABPC1	poly(A) binding protein, cytoplasmic 1
PFN1	PFN1	profilin 1
POC5	no mapping	
RPL14	RPL14	ribosomal protein L14
RPS19	RPS19	ribosomal protein S19
RPS4X	RPS4X	ribosomal protein S4, X-linked
SATB1	SATB1	special AT-rich sequence binding protein 1 (binds to nuclear matrix/scaffold-associating DNA's)
SFPQ	SFPQ	splicing factor proline/glutamine-rich (polypyrimidine tract binding protein associated)
SLC25A6	SLC25A6	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 6
SLC37A1	SLC37A1	solute carrier family 37 (glycerol-3-phosphate transporter), member 1
TPT1	TPT1	tumor protein, translationally-controlled 1
ZXDC	ZXDC	ZXD family zinc finger C

overlap matrix by gene and geneset	MORF_ACTG1	MORF_NPM1	HSIAO_HOUSEKEEPING_GENES	MODULE_83	MODULE_32	MORF_TPT1	GNF2_EIF3S6	MODULE_114	MORF_NME2	BILANGES_SERUM_AND_RAPAMYCIN_SENSITIVE_GENES	Entrez	Source	description
RPS19	■	■	■	■	■	■	■	■	■	■		S	ribosomal protein S19
PABPC1	■	■	■	■	■	■	■	■	■			S	poly(A) binding protein, cytoplasmic 1
TPT1	■	■	■	■		■		■		■		S	tumor protein, translationally-controlled 1
RPL14	■	■	■	■			■	■		■		S	ribosomal protein L14
PFN1	■	■	■	■				■	■			S	profilin 1
SLC25A6	■	■	■			■	■		■			S	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 6
RPS4X	■	■		■	■	■	■	■	■	■		S	ribosomal protein S4, X-linked
ARF4			■		■							S	ADP-ribosylation factor 4
GAPDH			■									S	glyceraldehyde-3-phosphate dehydrogenase
SATB1				■	■							S	special AT-rich sequence binding protein 1 (binds to nuclear matrix/scaffold-associating DNA's)
SFPQ					■							S	splicing factor proline/glutamine-rich (polypyrimidine tract binding protein associated)
ATP11B												S	ATPase, Class VI, type 11B
BSCL2												S	Bernardinelli-Seip congenital lipodystrophy 2 (seipin)
FOXA1												S	forkhead box A1
CCNL2												S	cyclin L2
AMACR												S	alpha-methylacyl-CoA racemase
SLC37A1												S	solute carrier family 37 (glycerol-3-phosphate transporter), member 1
MRFAP1												S	Mof4 family associated protein 1
ZXDC												S	ZXD family zinc finger C

View Gene Families for Selected Genes

The following table provides a functional overview of the MSigDB gene sets by categorizing their genes into a small number of carefully chosen "gene families". To categorize the genes in a gene set, use the gene set page or the Investigate Gene Sets page.

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	cytokines and growth factors	transcription factors	homeodomain proteins	cell differentiation markers	protein kinases	translocated cancer genes	oncogenes	tumor suppressors
tumor suppressors	0	0	0	0	0	0	0	0
oncogenes	0	0	0	0	0	1	1	
translocated cancer genes	0	0	0	0	0	1		
protein kinases	0	0	0	0	0			
cell differentiation markers	0	0	0	0				
homeodomain proteins	0	1	1					
transcription factors	0	3						
cytokines and growth factors	0							

Members of these "gene families" share a common feature such as homology or biochemical activity. They do not necessarily have common origins. For the source of each "gene family" definition, click here.