#pathway ID

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pathway description

response to stress
response to stimulus
single-multicellular organism process
wound healing
blood coagulation
regulation of biological quality
single-organism developmental process
cell activation
single-organism transport
anatomical structure development
localization
single-organism localization
transport
platelet activation
regulation of localization
establishment of localization
cellular developmental process
movement of cell or subcellular component
cell differentiation
cell adhesion
vesicle-mediated transport
establishment of localization in cell
cell surface receptor signaling pathway
secretion by cell
regulation of cellular component movement
response to external stimulus
cellular localization
exocytosis
regulation of cell migration

immune system process
platelet degranulation
tissue development
regulation of cellular component organization
single organismal cell-cell adhesion
locomotion
protein complex subunit organization
cell development
actin filament-based process
chemotaxis
cell morphogenesis involved in differentiation
cell morphogenesis
homotypic cell-cell adhesion
platelet aggregation
actin cytoskeleton organization
neuron projection morphogenesis
neuron projection development
cell migration
organophosphate metabolic process
neuron development
cytoskeleton organization
localization of cell
regulation of anatomical structure morphogenesis
cell projection organization
cell-substrate adhesion
positive regulation of cell migration
axon guidance
axonogenesis
axon development
cell morphogenesis involved in neuron differentiation
tissue morphogenesis
extracellular matrix organization

regulation of cell morphogenesis
NAD metabolic process
integrin-mediated signaling pathway
cell-matrix adhesion
regulation of cellular component size
regulation of actin filament-based process
regulation of cytoskeleton organization
nucleotide metabolic process
canonical glycolysis
pyruvate metabolic process
regulation of actin polymerization or depolymerization
regulation of epithelial cell migration
cell junction assembly
actin filament organization
ATP metabolic process
leukocyte migration
regulation of actin cytoskeleton organization
gluconeogenesis
phagocytosis
muscle contraction
negative regulation of cellular component movement
positive regulation of epithelial cell migration
regulation of endothelial cell migration
regulation of leukocyte migration
ameboidal-type cell migration
substrate adhesion-dependent cell spreading
cell-substrate junction assembly
regulation of actin filament depolymerization
 de novo protein folding
entry into host cell
positive regulation of endothelial cell migration
establishment of Golgi localization

response to gravity
thrombin receptor signaling pathway
positive regulation of actin filament depolymerization
extracellular fibril organization

observed gene count	% total	false discovery rate
33	56	6.07E-11
31	53	0.00593
28	47	0.00214
27	46	3.00E-22
25	42	3.31E-22
25	42	2.35E-06
25	42	0.00372
24	41	1.79E-19
23	39	2.14E-05
23	39	0.00522
23	39	0.00939
22	37	0.000232
22	37	0.00121
21	36	4.58E-23
21	36	1.16E-05
21	36	0.00527
19	32	0.0162
18	31	6.15E-07
18	31	0.0265
17	29	6.56E-08
17	29	5.58E-07
17	29	0.000136
17	29	0.000938
16	27	4.76E-11
16	27	1.63E-08
16	27	0.00121
16	27	0.00392
15	25	6.80E-13
15	25	1.66E-08

15	25	0.00717
14	24	1.15E-18
14	24	0.00242
14	24	0.0464
13	22	4.35E-08
13	22	0.000902
13	22	0.00418
13	22	0.0125
12	20	2.40E-07
12	20	1.21E-05
12	20	1.88E-05
12	20	0.000542
11	19	6.09E-08
10	17	2.43E-15
10	17	1.14E-05
10	17	0.000201
10	17	0.000904
10	17	0.00215
10	17	0.00317
10	17	0.00343
10	17	0.00386
10	17	0.004
10	17	0.00559
10	17	0.0148
9	15	1.14E-07
9	15	4.80E-05
9	15	0.000136
9	15	0.000652
9	15	0.000848
9	15	0.00111
9	15	0.00194
8	14	0.000652

8	14	0.00323
7	12	7.77E-08
7	12	5.50E-07
7	12	6.28E-06
7	12	0.00105
7	12	0.0019
7	12	0.00618
7	12	0.0162
6	10	5.42E-08
6	10	4.63E-06
6	10	0.000214
6	10	0.000497
6	10	0.000662
6	10	0.00073
6	10	0.000776
6	10	0.004
6	10	0.00558
5	8	2.85E-05
5	8	0.00733
5	8	0.0192
5	8	0.0224
4	7	0.0109
4	7	0.0146
4	7	0.0357
4	7	0.0407
3	5	0.0124
3	5	0.0162
3	5	0.0231
3	5	0.0306
3	5	0.0313
3	5	0.0437
2	3	0.0107

2	3	0.0178
2	3	0.0224
2	3	0.0314
2	3	0.0314

matching proteins in your network (labels)

ACTN1,ALDOA,CDC42,CFL1,CNN2,CORO1A,CSRP1,F11,FERMT3,GAP
ACTN1,ALDOA,BIN2,CORO1C,CSRP1,F11,FERMT3,FKBP1A,GAPDH,G
ACTC1,ACTN1,ALDOA,CNN2,CORO1A,CORO1C,CSRP1,F11,FERMT3,F
ACTN1,ALDOA,CDC42,CFL1,CNN2,CSRP1,F11,FERMT3,GP1BA,HBD,H
ACTN1,ALDOA,CDC42,CFL1,CSRP1,F11,FERMT3,GP1BA,HBD,HSPB1,I
ACTN1,ALDOA,CORO1A,CSRP1,F11,FERMT3,GAPDH,GP1BA,HBD,HS
ACTC1,ACTN1,CNN2,CORO1C,FERMT3,FKBP1A,GP1BA,HSPA8,ITGA2
ACTN1,ALDOA,CFL1,CORO1A,CSRP1,FERMT3,FKBP1A,GP1BA,HSPB1
ACTN1,ALDOA,BIN2,CDC42,CFL1,CORO1C,FKBP1A,HBD,HSPA8,ITGA
ACTC1,ACTN1,CNN2,CORO1C,FERMT3,FKBP1A,GP1BA,HSPA8,ITGA2
ACTN1,ALDOA,BIN2,CDC42,CORO1C,FKBP1A,HBD,ILK,ITGA2B,ITGB3
ACTN1,ALDOA,BIN2,CDC42,CFL1,CORO1C,FKBP1A,HBD,HSPA8,ITGA
ACTN1,ALDOA,BIN2,CDC42,CFL1,CORO1C,FKBP1A,HBD,ITGA2B,ITGE
ACTN1,ALDOA,CFL1,CSRP1,FERMT3,GP1BA,HSPB1,ILK,ITGB3,MMRN
ACTN1,CNN2,CORO1A,CORO1C,FKBP1A,HSPB1,ILK,ITGA2B,ITGB1,IT
ACTN1,ALDOA,BIN2,CDC42,CFL1,CORO1C,FKBP1A,HBD,ITGA2B,ITGE
ACTN1,CORO1C,FERMT3,GP1BA,HSPA8,ITGA2B,ITGB1,ITGB3,MSN,N
ACTC1,BIN2,CDC42,CORO1C,HSPA8,HSPB1,ILK,ITGA2B,ITGB3,MSN,N
ACTN1,CORO1C,FERMT3,HSPA8,ITGA2B,ITGB1,ITGB3,MSN,MYL12A
ACTN1,CORO1A,CSRP1,FERMT3,FKBP1A,GP1BA,HSPB1,ILK,ITGB1,IT
ACTN1,ALDOA,BIN2,CDC42,CFL1,CORO1C,ITGA2B,ITGB3,MMRN1,PI
ACTN1,ALDOA,CDC42,CFL1,HSPA8,ITGA2B,ITGB3,MMRN1,MYL12A,
CFL1,CORO1A,FERMT3,FKBP1A,GP1BA,HSPB1,ILK,ITGA2B,ITGB1,ITG
ACTN1,ALDOA,CFL1,CORO1A,HSPA8,ITGA2B,ITGB3,MMRN1,PF4,PFI
ACTN1,CNN2,CORO1A,CORO1C,HSPB1,ILK,ITGA2B,ITGB3,MSN,PF4,I
BIN2,CDC42,CFL1,CNN2,HSPA8,HSPB1,ITGA2B,ITGB1,ITGB3,MYL12/
ACTN1,ALDOA,CDC42,CFL1,HSPA8,ITGA2B,ITGB3,MMRN1,MYL12A,
ACTN1,ALDOA,CFL1,CORO1A,ITGA2B,ITGB3,MMRN1,PF4,PFN1,PLEK
CNN2,CORO1A,CORO1C,HSPB1,ILK,ITGA2B,ITGB3,MSN,PF4,PF4V1,F

ACTN1,CFL1,CNN2,FKBP1A,GAPDH,ITGB1,ITGB3,MSN,PF4,PF4V1,PII
ACTN1,ALDOA,CFL1,ITGA2B,ITGB3,MMRN1,PF4,PFN1,PLEK,PPIA,SP/
ACTC1,CFL1,CORO1C,FKBP1A,ILK,ITGB3,MSN,PFN1,PGK1,PKM,RAP1
ALDOA,CNN2,HSPA8,ILK,ITGB1,MSN,MYL12A,PFN1,PLEK,RAP1B,SH3
CSRP1,FERMT3,FKBP1A,HSPB1,ILK,ITGA2B,ITGB1,ITGB3,MSN,MYL12
BIN2,CORO1C,HSPA8,ILK,ITGA2B,ITGB3,MSN,MYL12A,PF4,PF4V1,PF
ALDOA,BIN2,CFL1,CORO1A,FERMT3,FKBP1A,HSPA8,ILK,TMSB4X,TRI
ACTN1,CORO1C,FERMT3,HSPA8,ITGA2B,ITGB3,MSN,MYL12A,PIP4K:
ACTC1,ALDOA,CNN2,CORO1C,ITGB1,PFN1,PLEK,TLN1,TMSB4X,TPM
BIN2,CDC42,CFL1,HSPA8,ITGA2B,ITGB1,ITGB3,MYL12A,PF4,PF4V1,T
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ACTN1,CDC42,CFL1,FERMT3,GP1BA,HSPA8,ITGA2B,ITGB3,MYL12A,T
CSRP1,FERMT3,FKBP1A,HSPB1,ILK,ITGA2B,ITGB3,MYL12A,PLEK,TLN
CSRP1,FERMT3,HSPB1,ILK,ITGA2B,ITGB3,MYL12A,PLEK,TLN1,VCL
ALDOA,CNN2,CORO1C,ITGB1,PFN1,PLEK,TLN1,TMSB4X,VASP,ZYX
CDC42,CFL1,HSPA8,ILK,ITGA2B,ITGB3,MYL12A,TLN1,VASP,VCL
CDC42,CFL1,HSPA8,ILK,ITGA2B,ITGB3,MYL12A,TLN1,VASP,VCL
BIN2,CFL1,CORO1A,CORO1C,ILK,ITGB3,MSN,PF4,PF4V1,PPIA
ALDOA,ENO2,GAPDH,HSPA8,LDHB,PGK1,PIP4K2A,PLEK,PRDX6,TPI1
CDC42,CFL1,HSPA8,ILK,ITGA2B,ITGB3,MYL12A,TLN1,VASP,VCL
ALDOA,CORO1C,GAPDH,ITGB1,PFN1,PLEK,TMSB4X,TUBB1,VASP,ZY)
BIN2,CFL1,CORO1A,CORO1C,ILK,ITGB3,MSN,PF4,PF4V1,PPIA
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ACTN1,CORO1A,FERMT3,ILK,ITGA2B,ITGB1,ITGB3,VCL,ZYX
CORO1A,HSPB1,ILK,ITGA2B,ITGB3,PF4,PF4V1,PFN1,SPARC
CDC42,CFL1,HSPA8,ITGA2B,ITGB1,ITGB3,MYL12A,TLN1,VASP
CDC42,CFL1,HSPA8,ITGA2B,ITGB3,MYL12A,TLN1,VASP,VCL
CDC42,CFL1,HSPA8,ITGA2B,ITGB3,MYL12A,TLN1,VASP,VCL
CDC42,CFL1,HSPA8,ITGA2B,ITGB3,MYL12A,TLN1,VASP,VCL
ACTC1,CFL1,FKBP1A,ILK,ITGB1,ITGB3,PFN1,VASP,VCL
ACTN1,FKBP1A,ILK,ITGA2B,ITGB1,ITGB3,LTBP1,SPARC

ALDOA,CDC42,CFL1,CORO1A,CORO1C,ILK,MYL12A,SPARC
ALDOA,ENO2,GAPDH,LDHB,PGK1,PKM,TPI1
FERMT3,ILK,ITGA2B,ITGB1,ITGB3,PLEK,ZYX
ACTN1,ILK,ITGA2B,ITGB1,ITGB3,VCL,ZYX
CFL1,CORO1A,ILK,PFN1,PLEK,SH3BGRL3,VASP
CFL1,CNN2,ILK,PFN1,PLEK,SH3BGRL3,VASP
CDC42,CFL1,ILK,PFN1,PLEK,SH3BGRL3,VASP
ALDOA,ENO2,GAPDH,HSPA8,LDHB,PGK1,TPI1
ALDOA,ENO2,GAPDH,PGK1,PKM,TPI1
ALDOA,ENO2,GAPDH,LDHB,PGK1,TPI1
CFL1,CORO1A,PFN1,PLEK,SH3BGRL3,VASP
CORO1C,HSPB1,ITGB3,PFN1,SH3BGRL3,SPARC
ACTN1,ILK,ITGB1,ITGB3,VASP,VCL
ALDOA,CFL1,CORO1A,TMSB4X,VASP,ZYX
ALDOA,ENO2,GAPDH,HSPA8,PGK1,TPI1
CORO1A,ITGB1,ITGB3,MSN,PF4,PPIA
CFL1,ILK,PFN1,PLEK,SH3BGRL3,VASP
ALDOA,ENO2,GAPDH,PGK1,TPI1
BIN2,CDC42,CFL1,CORO1A,CORO1C
ALDOA,MYL12A,TLN1,TPM4,VCL
ACTN1,CNN2,CORO1C,ILK,VCL
HSPB1,ITGB3,PFN1,SPARC
HSPB1,ITGB3,SH3BGRL3,SPARC
ITGA2B,MSN,PF4,PF4V1
CFL1,CORO1C,ILK,ITGB1
FERMT3,ILK,ITGB3
ACTN1,ITGB3,TLN1
CFL1,PLEK,SH3BGRL3
FKBP1A,HSPA8,TUBB1
ITGB1,ITGB3,PPIA
HSPB1,ITGB3,SPARC
CDC42,YWHAZ

PKM,SPARC
GP1BA,PLEK
CFL1,PLEK
FKBP1A,ILK

DH,GP1BA,HBD,HSPA8,HSPB1,ILK,ITGB1,ITGB3,MMRN1,MYL12A

P1BA,HBD,HSPA8,HSPB1,ITGB3,LTBP1,MMRN1,MYL12A,PF4,PF4

FKBP1A,GP1BA,HBD,HSPA8,HSPB1,ITGB1,ITGB3,MMRN1,MYL12A

HSPB1,ILK,ITGB1,ITGB3,MMRN1,MYL12A,PF4,PFN1,PKM,PLEK,PP

ILK,ITGB1,ITGB3,MMRN1,MYL12A,PF4,PFN1,PLEK,PPIA,RAP1B,S

PA8,HSPB1,ITGB1,ITGB3,LTBP1,MMRN1,PF4,PFN1,PLEK,PPIA,RA

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2B,ITGB3,LASP1,MMRN1,MYL12A,PF4,PFN1,PLEK,PPIA,SPARC,T

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33,LASP1,MMRN1,MYL12A,PF4,PFN1,PLEK,PPIA,SPARC,TLN1,TM

J1,MYL12A,PF4,PFN1,PLEK,PPIA,RAP1B,SPARC,TLN1,TMSB4X,VC

GB3,MSN,PF4,PF4V1,PFN1,PPIA,RAP1B,SH3BGRL3,SPARC,TMSB

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MYL12A,PGK1,PIP4K2A,PLEK,RAP1B,TAGLN2,TLN1,TMSB4X,VASP

MYL12A,PF4,PF4V1,PPIA,TLN1,TPM4,VASP,VCL

,PGK1,PIP4K2A,PLEK,RAP1B,TAGLN2,TLN1,TMSB4X,VASP,VCL

GB3,MMRN1,MSN,MYL12A,PLEK,TLN1,VCL,ZYX

F4,PFN1,PLEK,PPIA,SPARC,TLN1,TMSB4X,VCL

PF4,PFN1,PLEK,PPIA,SPARC,TLN1,TMSB4X,VCL

GB3,LTBP1,MYL12A,PF4,PF4V1,PLEK,VASP,ZYX

N1,PLEK,PPIA,SPARC,TLN1,TMSB4X,VCL

PF4V1,PFN1,SH3BGRL3,SPARC,TMSB4X,VCL

A,PF4,PF4V1,PKM,SPARC,TLN1,VASP

PF4,PFN1,PLEK,PPIA,SPARC,TLN1,VCL

K,PPIA,SPARC,TLN1,TMSB4X,VCL

PFN1,SH3BGRL3,SPARC,TMSB4X,VCL

P4K2A,PLEK,PPIA,TRIM4,VASP
ARC,TLN1,TMSB4X,VCL
.B,TAGLN2,VASP,VCL
BGRL3,SPARC,VASP,YWHAZ
2A,PLEK,TLN1,VCL
'IA,TLN1,VASP
M4,TUBB1,VASP,ZYX
2A,RAP1B,TLN1,VASP,VCL
4,VASP,ZYX
LN1,VASP
l,VASP,VCL
TLN1,VASP,VCL
1,VCL

K

C

,PF4,PF4V1,PFN1,PKM,PLEK,PPIA,PRDX6,RAP1B,SPARC,TLN1,TN
IV1,PFN1,PKM,PLEK,PPIA,PRDX6,TLN1,TMSB4X,TRIM4,VASP,VCL
A,PF4,PIP4K2A,PKM,PLEK,PPIA,RAP1B,TLN1,TMSB4X,TPI1,YWHA
PIA,RAP1B,SPARC,TLN1,TMSB4X,VCL,YWHAZ
PARC,TLN1,TMSB4X,VCL,YWHAZ
P1B,SPARC,TLN1,VASP,VCL,YWHAZ
AP1B,SPARC,TAGLN2,TLN1,TMSB4X,TPI1,VCL
SPARC,TLN1,TMSB4X,VCL,YWHAZ
LN1,TMSB4X,VCL,YWHAZ
AP1B,SPARC,TAGLN2,TLN1,VCL
A,SPARC,TLN1,VCL
LN1,VCL,YWHAZ
ISB4X,VCL,YWHAZ
L,YWHAZ
4X,VCL,YWHAZ
ISB4X,VCL
P,VCL

MSB4X,TRIM4,VCL,YWHAZ
,YWHAZ,ZYX
Z