

Supplementary 8. Investigating the biological function of overlapped genes using enrichment analysis

Go Biological Process
cytokine-mediated signaling pathway (GO:0019221)
negative regulation of apoptotic process (GO:0043066)
regulation of smooth muscle cell proliferation (GO:0048660)
extrinsic apoptotic signaling pathway (GO:0097191)
negative regulation of macromolecule metabolic process (GO:0010605)
positive regulation of NIK/NF-kappaB signaling (GO:1901224)
positive regulation of programmed cell death (GO:0043068)
microglial cell activation (GO:0001774)
positive regulation of gene expression (GO:0010628)
positive regulation of protein serine/threonine kinase activity (GO:0071902)
regulation of phosphatidylinositol 3-kinase signaling (GO:0014066)
negative regulation of transcription, DNA-templated (GO:0045892)
regulation of extrinsic apoptotic signaling pathway (GO:2001236)
regulation of blood vessel endothelial cell migration (GO:0043535)
negative regulation of multicellular organismal process (GO:0051241)
positive regulation of neuron death (GO:1901216)
positive regulation of cellular process (GO:0048522)
positive regulation of cellular biosynthetic process (GO:0031328)
regulation of I-kappaB kinase/NF-kappaB signaling (GO:0043122)
cellular response to organic cyclic compound (GO:0071407)
regulation of programmed cell death (GO:0043067)
regulation of transcription by RNA polymerase II (GO:0006357)
positive regulation of protein kinase activity (GO:0045860)
positive regulation of transcription, DNA-templated (GO:0045893)
macrophage activation (GO:0042116)
positive regulation of macromolecule metabolic process (GO:0010604)
positive regulation of protein metabolic process (GO:0051247)
regulation of MAP kinase activity (GO:0043405)
MAPK cascade (GO:0000165)
positive regulation of smooth muscle cell proliferation (GO:0048661)
response to organic cyclic compound (GO:0014070)
positive regulation of protein phosphorylation (GO:0001934)
negative regulation of gene expression (GO:0010629)
positive regulation of cysteine-type endopeptidase activity involved in apoptotic
positive regulation of metabolic process (GO:0009893)
regulation of interleukin-6 production (GO:0032675)
positive regulation of mononuclear cell migration (GO:0071677)
positive regulation of MAP kinase activity (GO:0043406)
regulation of neuroinflammatory response (GO:0150077)
regulation of pri-miRNA transcription by RNA polymerase II (GO:1902893)
negative regulation of transcription by RNA polymerase II (GO:0000122)

positive regulation of peptidyl-serine phosphorylation (GO:0033138)

positive regulation of MAPK cascade (GO:0043410)

positive regulation of cell death (GO:0010942)

positive regulation of pri-miRNA transcription by RNA polymerase II (GO:19028)

positive regulation of I-kappaB kinase/NF-kappaB signaling (GO:0043123)

cellular response to organic substance (GO:0071310)

regulation of neuron apoptotic process (GO:0043523)

positive regulation of transcription by RNA polymerase II (GO:0045944)

regulation of endothelial cell apoptotic process (GO:2000351)

regulation of nitric oxide biosynthetic process (GO:0045428)

regulation of receptor signaling pathway via JAK-STAT (GO:0046425)

negative regulation of signal transduction (GO:0009968)

cellular response to cytokine stimulus (GO:0071345)

positive regulation of transport (GO:0051050)

positive regulation of developmental process (GO:0051094)

positive regulation of cell population proliferation (GO:0008284)

activation of cysteine-type endopeptidase activity involved in apoptotic process

positive regulation of apoptotic signaling pathway (GO:2001235)

positive regulation of leukocyte cell-cell adhesion (GO:1903039)

lipopolysaccharide-mediated signaling pathway (GO:0031663)

negative regulation of apoptotic signaling pathway (GO:2001234)

negative regulation of nucleic acid-templated transcription (GO:1903507)

regulation of protein secretion (GO:0050708)

regulation of peptidyl-serine phosphorylation (GO:0033135)

positive regulation of interleukin-6 production (GO:0032755)

I-kappaB kinase/NF-kappaB signaling (GO:0007249)

positive regulation of cell adhesion (GO:0045785)

negative regulation of cellular macromolecule biosynthetic process (GO:20001)

regulation of gene expression (GO:0010468)

positive regulation of kinase activity (GO:0033674)

negative regulation of angiogenesis (GO:0016525)

protein kinase B signaling (GO:0043491)

negative regulation of cytokine production involved in immune response (GO:0000000)

regulation of cytokine production involved in inflammatory response (GO:19000)

positive regulation of DNA-binding transcription factor activity (GO:0051091)

regulation of nitric-oxide synthase activity (GO:0050999)

regulation of fat cell differentiation (GO:0045598)

regulation of cysteine-type endopeptidase activity involved in apoptotic process

positive regulation of myeloid leukocyte differentiation (GO:0002763)

positive regulation of nitric oxide biosynthetic process (GO:0045429)

regulation of tumor necrosis factor-mediated signaling pathway (GO:0010803)

positive regulation of inflammatory response (GO:0050729)

negative regulation of cell differentiation (GO:0045596)
positive regulation of receptor signaling pathway via STAT (GO:1904894)
positive regulation of leukocyte adhesion to vascular endothelial cell (GO:1904 9
regulation of chemokine (C-X-C motif) ligand 2 production (GO:2000341)
positive regulation of monooxygenase activity (GO:0032770)
positive regulation of nitric oxide metabolic process (GO:1904407)
positive regulation of cytokine production (GO:0001819)
cellular response to tumor necrosis factor (GO:0071356)
positive regulation of receptor signaling pathway via JAK-STAT (GO:0046427)
regulation of heterotypic cell-cell adhesion (GO:0034114)
extrinsic apoptotic signaling pathway via death domain receptors (GO:0008625
positive regulation of response to external stimulus (GO:0032103)
negative regulation of interleukin-6 production (GO:0032715)
regulation of osteoclast differentiation (GO:0045670)
negative regulation of cytokine production (GO:0001818)
positive regulation of osteoclast differentiation (GO:0045672)
regulation of protein-containing complex assembly (GO:0043254)
regulation of mononuclear cell migration (GO:0071675)
positive regulation of peptidyl-tyrosine phosphorylation (GO:0050731)
positive regulation of protein-containing complex assembly (GO:0031334)
cellular response to lipopolysaccharide (GO:0071222)
regulation of calcidiol 1-monooxygenase activity (GO:0060558)
positive regulation of neuron apoptotic process (GO:0043525)
regulation of cytokine production involved in immune response (GO:0002718)
regulation of amyloid-beta formation (GO:1902003)
positive regulation of extrinsic apoptotic signaling pathway (GO:2001238)
positive regulation of cellular component organization (GO:0051130)
regulation of interleukin-8 production (GO:0032677)
regulation of intracellular signal transduction (GO:1902531)
regulation of cell differentiation (GO:0045595)
positive regulation of protein localization to membrane (GO:1905477)
positive regulation of defense response (GO:0031349)
regulation of cell adhesion (GO:0030155)
positive regulation of cytokine production involved in inflammatory response (G
positive regulation of phagocytosis (GO:0050766)
positive regulation of cell-cell adhesion (GO:0022409)
regulation of viral genome replication (GO:0045069)
positive regulation of intracellular signal transduction (GO:1902533)
positive regulation of chemokine production (GO:0032722)
regulation of peptide hormone secretion (GO:0090276)
protein-containing complex assembly (GO:0065003)
regulation of ERK1 and ERK2 cascade (GO:0070372)

positive regulation of cellular catabolic process (GO:0031331)
regulation of phagocytosis (GO:0050764)
positive regulation of leukocyte migration (GO:0002687)
positive regulation of protein kinase B signaling (GO:0051897)
negative regulation of cysteine-type endopeptidase activity (GO:2000117)
positive regulation of cellular amide metabolic process (GO:0034250)
regulation of amyloid-beta clearance (GO:1900221)
regulation of protein kinase B signaling (GO:0051896)
negative regulation of cysteine-type endopeptidase activity involved in apoptotic c
positive regulation of cysteine-type endopeptidase activity (GO:2001056)
regulation of neurogenesis (GO:0050767)
negative regulation of viral process (GO:0048525)
regulation of inflammatory response (GO:0050727)
positive regulation of nucleic acid-templated transcription (GO:1903508)
regulation of leukocyte adhesion to vascular endothelial cell (GO:1904994)
positive regulation of NF-kappaB transcription factor activity (GO:0051092)
negative regulation of endothelial cell migration (GO:0010596)
positive regulation of interleukin-8 production (GO:0032757)
regulation of insulin secretion (GO:0050796)
positive regulation of chemokine (C-X-C motif) ligand 2 production (GO:200034)
regulation of production of miRNAs involved in gene silencing by miRNA (GO:1
negative regulation of blood vessel endothelial cell migration (GO:0043537)
regulation of transcription, DNA-templated (GO:0006355)
negative regulation of viral genome replication (GO:0045071)
positive regulation of phosphorylation (GO:0042327)
positive regulation of oxidoreductase activity (GO:0051353)
positive regulation of cellular component biogenesis (GO:0044089)
positive regulation of ERK1 and ERK2 cascade (GO:0070374)
modulation of chemical synaptic transmission (GO:0050804)
inflammatory response (GO:0006954)
regulation of interleukin-1 beta production (GO:0032651)
regulation of vascular wound healing (GO:0061043)
negative regulation of cell development (GO:0010721)
regulation of cytokine production (GO:0001817)
positive regulation of neuroinflammatory response (GO:0150078)
regulation of establishment of endothelial barrier (GO:1903140)
positive regulation of amyloid precursor protein catabolic process (GO:1902993)
regulation of lipid storage (GO:0010883)
regulation of membrane protein ectodomain proteolysis (GO:0051043)
tumor necrosis factor-mediated signaling pathway (GO:0033209)
regulation of protein kinase activity (GO:0045859)
regulation of extrinsic apoptotic signaling pathway in absence of ligand (GO:20

regulation of apoptotic process (GO:0042981)
negative regulation of extrinsic apoptotic signaling pathway in absence of ligand (GO:0043025)
negative regulation of signal transduction in absence of ligand (GO:1901099)
positive regulation of JUN kinase activity (GO:0043507)
positive regulation of fever generation (GO:0031622)
negative regulation of neurogenesis (GO:0050768)
regulation of JUN kinase activity (GO:0043506)
leukocyte tethering or rolling (GO:0050901)
positive regulation of amyloid-beta formation (GO:1902004)
negative regulation of wound healing (GO:0061045)
negative regulation of cellular component organization (GO:0051129)
regulation of chemokine production (GO:0032642)
negative regulation of fat cell differentiation (GO:0045599)
leukocyte adhesion to vascular endothelial cell (GO:0061756)
negative regulation of nervous system development (GO:0051961)
regulation of tyrosine phosphorylation of STAT protein (GO:0042509)
regulation of apoptotic signaling pathway (GO:2001233)
negative regulation of lipid storage (GO:0010888)
positive regulation of nitrogen compound metabolic process (GO:0051173)
positive regulation of acute inflammatory response (GO:0002675)
positive regulation of heterotypic cell-cell adhesion (GO:0034116)
regulation of cellular component organization (GO:0051128)
death-inducing signaling complex assembly (GO:0071550)
positive regulation of interleukin-1 production (GO:0032732)
positive regulation of tyrosine phosphorylation of STAT protein (GO:0042531)
response to glucocorticoid (GO:0051384)
positive regulation of protein modification process (GO:0031401)
regulation of protein phosphorylation (GO:0001932)
positive regulation of multicellular organismal process (GO:0051240)
positive regulation of interleukin-1 beta production (GO:0032731)
negative regulation of catabolic process (GO:0009895)
negative regulation of extrinsic apoptotic signaling pathway (GO:2001237)
positive regulation of phosphatidylinositol 3-kinase signaling (GO:0014068)
positive regulation of apoptotic process (GO:0043065)
regulation of cytokine-mediated signaling pathway (GO:0001959)
positive regulation of nitric-oxide synthase activity (GO:0051000)
regulation of NIK/NF-kappaB signaling (GO:1901222)
cellular response to nicotine (GO:0071316)
chronic inflammatory response (GO:0002544)
regulation of fever generation (GO:0031620)
negative regulation of cell junction assembly (GO:1901889)
negative regulation of lipid localization (GO:1905953)

negative regulation of production of molecular mediator of immune response (GO:0050806)

positive regulation of synaptic transmission (GO:0050806)

regulation of podosome assembly (GO:0071801)

positive regulation of I-kappaB phosphorylation (GO:1903721)

regulation of vitamin D biosynthetic process (GO:0060556)

regulation of ceramide biosynthetic process (GO:2000303)

positive regulation of ceramide biosynthetic process (GO:2000304)

positive regulation of sphingolipid biosynthetic process (GO:0090154)

regulation of protein localization to plasma membrane (GO:1903076)

positive regulation of cellular protein localization (GO:1903829)

positive regulation of signaling (GO:0023056)

positive regulation of gliogenesis (GO:0014015)

positive regulation of podosome assembly (GO:0071803)

regulation of I-kappaB phosphorylation (GO:1903719)

negative regulation of gene silencing by miRNA (GO:0060965)

negative regulation of production of miRNAs involved in gene silencing by miRNA (GO:0060965)

negative regulation of lipid catabolic process (GO:0050995)

regulation of protein catabolic process (GO:0042176)

embryonic organ development (GO:0048568)

positive regulation of protein catabolic process (GO:0045732)

negative regulation of signaling receptor activity (GO:2000272)

negative regulation of amyloid-beta clearance (GO:1900222)

regulation of nitrogen compound metabolic process (GO:0051171)

positive regulation of protein transport (GO:0051222)

positive regulation of cell communication (GO:0010647)

regulation of endothelial cell development (GO:1901550)

regulation of glial cell proliferation (GO:0060251)

positive regulation of membrane protein ectodomain proteolysis (GO:0051044)

regulation of synaptic transmission, glutamatergic (GO:0051966)

positive regulation of glial cell proliferation (GO:0060252)

positive regulation of heat generation (GO:0031652)

digestive tract development (GO:0048565)

negative regulation of lipid metabolic process (GO:0045833)

response to corticosteroid (GO:0031960)

regulation of protein localization to cell surface (GO:2000008)

positive regulation of protein localization to cell periphery (GO:1904377)

positive regulation of protein localization to plasma membrane (GO:1903078)

regulation of bicellular tight junction assembly (GO:2000810)

positive regulation of catabolic process (GO:0009896)

positive regulation of proteolysis (GO:0045862)

positive regulation of protein-containing complex disassembly (GO:0043243)

positive regulation of steroid biosynthetic process (GO:0010893)

regulation of epithelial cell apoptotic process (GO:1904035)

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

TNF

Go Cellular component	Gene symbol
integral component of plasma membrane (GO:0005887	APP
integral component of plasma membrane (GO:0005887	VIPR2
integral component of plasma membrane (GO:0005887	IL23R
integral component of plasma membrane (GO:0005887	AQP4
integral component of plasma membrane (GO:0005887	ICAM5
integral component of plasma membrane (GO:0005887	SLCO6A1
integral component of plasma membrane (GO:0005887	ICAM1
integral component of plasma membrane (GO:0005887	GJA1
integral component of plasma membrane (GO:0005887	EDNRA
integral component of plasma membrane (GO:0005887	ALCAM
integral component of plasma membrane (GO:0005887	EDNRB
integral component of plasma membrane (GO:0005887	BSG
integral component of plasma membrane (GO:0005887	C3AR1
integral component of plasma membrane (GO:0005887	TNFSF10
integral component of plasma membrane (GO:0005887	KDR
integral component of plasma membrane (GO:0005887	TNFSF11
integral component of plasma membrane (GO:0005887	EPHB2
integral component of plasma membrane (GO:0005887	CMKLR1
integral component of plasma membrane (GO:0005887	EPHA4
integral component of plasma membrane (GO:0005887	ENTPD1
integral component of plasma membrane (GO:0005887	SLC11A1
integral component of plasma membrane (GO:0005887	HLA-B
integral component of plasma membrane (GO:0005887	HLA-C
integral component of plasma membrane (GO:0005887	HLA-A
integral component of plasma membrane (GO:0005887	SCN10A
integral component of plasma membrane (GO:0005887	CLDN3
integral component of plasma membrane (GO:0005887	MIP
integral component of plasma membrane (GO:0005887	AGTR1
integral component of plasma membrane (GO:0005887	TYRO3
integral component of plasma membrane (GO:0005887	CD226
integral component of plasma membrane (GO:0005887	LPAR2
integral component of plasma membrane (GO:0005887	LPAR3
integral component of plasma membrane (GO:0005887	MST1R
integral component of plasma membrane (GO:0005887	CD1D
integral component of plasma membrane (GO:0005887	CRHR1
integral component of plasma membrane (GO:0005887	TRPM2
integral component of plasma membrane (GO:0005887	KLRK1
integral component of plasma membrane (GO:0005887	CD19
integral component of plasma membrane (GO:0005887	TRPM7
integral component of plasma membrane (GO:0005887	TRPM8
integral component of plasma membrane (GO:0005887	HLA-DQA2

integral component of plasma membrane (GO:0005887 HLA-DQA1
integral component of plasma membrane (GO:0005887 TRPM4
integral component of plasma membrane (GO:0005887 ABCA1
integral component of plasma membrane (GO:0005887 CCR1
integral component of plasma membrane (GO:0005887 GPR17
integral component of plasma membrane (GO:0005887 JAG1
integral component of plasma membrane (GO:0005887 TNFSF15
integral component of plasma membrane (GO:0005887 FZD4
integral component of plasma membrane (GO:0005887 TNFSF12
integral component of plasma membrane (GO:0005887 MC1R
integral component of plasma membrane (GO:0005887 GPR183
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integral component of plasma membrane (GO:0005887 CD28
integral component of plasma membrane (GO:0005887 NOX4
integral component of plasma membrane (GO:0005887 CD27
integral component of plasma membrane (GO:0005887 SDC1
integral component of plasma membrane (GO:0005887 HLA-DRB1
integral component of plasma membrane (GO:0005887 CD200
integral component of plasma membrane (GO:0005887 DDR1
integral component of plasma membrane (GO:0005887 CD40
integral component of plasma membrane (GO:0005887 PHEX
integral component of plasma membrane (GO:0005887 SLC6A3
integral component of plasma membrane (GO:0005887 SLC6A4
integral component of plasma membrane (GO:0005887 BRS3
integral component of plasma membrane (GO:0005887 GPRC6A
integral component of plasma membrane (GO:0005887 CCR9
integral component of plasma membrane (GO:0005887 OLR1
integral component of plasma membrane (GO:0005887 CTLA4
integral component of plasma membrane (GO:0005887 CCR8
integral component of plasma membrane (GO:0005887 CCR6
integral component of plasma membrane (GO:0005887 CCR5
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integral component of plasma membrane (GO:0005887 CCR3
integral component of plasma membrane (GO:0005887 HLA-DPA1
integral component of plasma membrane (GO:0005887 CCR2
integral component of plasma membrane (GO:0005887 IFNGR1
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integral component of plasma membrane (GO:0005887 INSRR
integral component of plasma membrane (GO:0005887 IL17RA
integral component of plasma membrane (GO:0005887 NCR1
integral component of plasma membrane (GO:0005887 TLR1

integral component of plasma membrane (GO:0005887 CEACAM1
integral component of plasma membrane (GO:0005887 OPN1MW
integral component of plasma membrane (GO:0005887 CEACAM5
integral component of plasma membrane (GO:0005887 KCNMA1
integral component of plasma membrane (GO:0005887 CD47
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integral component of plasma membrane (GO:0005887 CD44
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integral component of plasma membrane (GO:0005887 TLR2
integral component of plasma membrane (GO:0005887 SELPLG
integral component of plasma membrane (GO:0005887 PTAFR
integral component of plasma membrane (GO:0005887 CXCR5
integral component of plasma membrane (GO:0005887 GPR42
integral component of plasma membrane (GO:0005887 CXCR6
integral component of plasma membrane (GO:0005887 EGFR
integral component of plasma membrane (GO:0005887 GPR151
integral component of plasma membrane (GO:0005887 DUOX1
integral component of plasma membrane (GO:0005887 CXCR3
integral component of plasma membrane (GO:0005887 CXCR2
integral component of plasma membrane (GO:0005887 LDLR
integral component of plasma membrane (GO:0005887 MICA
integral component of plasma membrane (GO:0005887 DUOX2
integral component of plasma membrane (GO:0005887 SLC16A1
integral component of plasma membrane (GO:0005887 IL10RB
integral component of plasma membrane (GO:0005887 KIR3DL1
integral component of plasma membrane (GO:0005887 MAS1
integral component of plasma membrane (GO:0005887 CD40LG
integral component of plasma membrane (GO:0005887 AXL
integral component of plasma membrane (GO:0005887 F2RL1
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integral component of plasma membrane (GO:0005887 LGR6
integral component of plasma membrane (GO:0005887 IL18R1
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integral component of plasma membrane (GO:0005887 IRS1
integral component of plasma membrane (GO:0005887 HFE
integral component of plasma membrane (GO:0005887 TNF
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integral component of plasma membrane (GO:0005887 IFNAR2
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integral component of plasma membrane (GO:0005887 MAG
integral component of plasma membrane (GO:0005887 ADAM17
integral component of plasma membrane (GO:0005887 TYROBP
integral component of plasma membrane (GO:0005887 CD8A
integral component of plasma membrane (GO:0005887 MTNR1B
integral component of plasma membrane (GO:0005887 IL6ST
integral component of plasma membrane (GO:0005887 IFNAR1
integral component of plasma membrane (GO:0005887 NOTCH2
integral component of plasma membrane (GO:0005887 GRIA2
integral component of plasma membrane (GO:0005887 CSF1R
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integral component of plasma membrane (GO:0005887 KIR2DL3
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integral component of plasma membrane (GO:0005887 ADGRG6
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integral component of plasma membrane (GO:0005887 TRPV1

integral component of plasma membrane (GO:0005887 SELE
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integral component of plasma membrane (GO:0005887 MLANA
integral component of plasma membrane (GO:0005887 P2RY2
integral component of plasma membrane (GO:0005887 P2RY1

integral component of plasma membrane (GO:0005887	S1PR3
integral component of plasma membrane (GO:0005887	FCGR1A
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integral component of plasma membrane (GO:0005887	ATP2B2
integral component of plasma membrane (GO:0005887	MERTK
integral component of plasma membrane (GO:0005887	SORL1
integral component of plasma membrane (GO:0005887	P2RX7
integral component of plasma membrane (GO:0005887	P2RX6
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integral component of plasma membrane (GO:0005887	FCGR2A
integral component of plasma membrane (GO:0005887	P2RX4
integral component of plasma membrane (GO:0005887	NPHS1
integral component of plasma membrane (GO:0005887	P2RX3
integral component of plasma membrane (GO:0005887	P2RX2
integral component of plasma membrane (GO:0005887	OPN1MW2
integral component of plasma membrane (GO:0005887	IL2RA
integral component of plasma membrane (GO:0005887	P2RX1
integral component of plasma membrane (GO:0005887	IL2RB
integral component of plasma membrane (GO:0005887	KCNK3
secretory granule lumen (GO:0034774)	CD74
secretory granule lumen (GO:0034774)	HLA-DRB5
secretory granule lumen (GO:0034774)	HLA-B
secretory granule lumen (GO:0034774)	HLA-C
secretory granule lumen (GO:0034774)	HLA-A
secretory granule lumen (GO:0034774)	HLA-F
secretory granule lumen (GO:0034774)	HLA-G
secretory granule lumen (GO:0034774)	CANX
secretory granule lumen (GO:0034774)	HLA-DPB1
secretory granule lumen (GO:0034774)	HLA-DRA
secretory granule lumen (GO:0034774)	HLA-DQA2
secretory granule lumen (GO:0034774)	HLA-DQA1
secretory granule lumen (GO:0034774)	HLA-DQB2
secretory granule lumen (GO:0034774)	HLA-DRB1
secretory granule lumen (GO:0034774)	HLA-DPA1
secretory granule lumen (GO:0034774)	HLA-DQB1
membrane raft (GO:0045121)	APP
membrane raft (GO:0045121)	SERPINA3
membrane raft (GO:0045121)	TGFB2
membrane raft (GO:0045121)	SERPINA1
membrane raft (GO:0045121)	TGFB1
membrane raft (GO:0045121)	AHSG
membrane raft (GO:0045121)	EGF

membrane raft (GO:0045121)	TGFB3
membrane raft (GO:0045121)	HGF
membrane raft (GO:0045121)	SERPINE1
membrane raft (GO:0045121)	FN1
membrane raft (GO:0045121)	VEGFB
membrane raft (GO:0045121)	PLG
membrane raft (GO:0045121)	IGF1
membrane raft (GO:0045121)	CLU
membrane raft (GO:0045121)	THBS1
membrane raft (GO:0045121)	KNG1
membrane raft (GO:0045121)	VEGFA
membrane raft (GO:0045121)	MMRN1
membrane raft (GO:0045121)	ALB
membrane raft (GO:0045121)	SERPING1
membrane raft (GO:0045121)	TIMP1
membrane raft (GO:0045121)	GAS6
membrane raft (GO:0045121)	A2M
intracellular organelle lumen (GO:0070013)	NCAN
intracellular organelle lumen (GO:0070013)	LRRK2
intracellular organelle lumen (GO:0070013)	CTSZ
intracellular organelle lumen (GO:0070013)	PRF1
intracellular organelle lumen (GO:0070013)	MPO
intracellular organelle lumen (GO:0070013)	SMPD1
intracellular organelle lumen (GO:0070013)	ANPEP
intracellular organelle lumen (GO:0070013)	FLOT1
intracellular organelle lumen (GO:0070013)	CTSH
intracellular organelle lumen (GO:0070013)	HLA-DOA
intracellular organelle lumen (GO:0070013)	SPG11
intracellular organelle lumen (GO:0070013)	CD34
intracellular organelle lumen (GO:0070013)	HLA-DPA1
intracellular organelle lumen (GO:0070013)	HSP90AA1
intracellular organelle lumen (GO:0070013)	ANXA2
intracellular organelle lumen (GO:0070013)	SPHK2
intracellular organelle lumen (GO:0070013)	SLC11A1
intracellular organelle lumen (GO:0070013)	ATP6AP2
intracellular organelle lumen (GO:0070013)	HLA-F
intracellular organelle lumen (GO:0070013)	UNC13D
intracellular organelle lumen (GO:0070013)	DCN
intracellular organelle lumen (GO:0070013)	TLR9
intracellular organelle lumen (GO:0070013)	TLR7
intracellular organelle lumen (GO:0070013)	HLA-DQB2
intracellular organelle lumen (GO:0070013)	TLR3

intracellular organelle lumen (GO:0070013)	HLA-DQB1
intracellular organelle lumen (GO:0070013)	GRN
intracellular organelle lumen (GO:0070013)	MARCHF1
intracellular organelle lumen (GO:0070013)	LRP1
intracellular organelle lumen (GO:0070013)	CXCR4
intracellular organelle lumen (GO:0070013)	BCL10
intracellular organelle lumen (GO:0070013)	LRP2
intracellular organelle lumen (GO:0070013)	CD1D
intracellular organelle lumen (GO:0070013)	ADRB2
intracellular organelle lumen (GO:0070013)	PSEN1
intracellular organelle lumen (GO:0070013)	PLD1
intracellular organelle lumen (GO:0070013)	C9ORF72
intracellular organelle lumen (GO:0070013)	DPP4
intracellular organelle lumen (GO:0070013)	TRPM2
intracellular organelle lumen (GO:0070013)	HLA-DMA
intracellular organelle lumen (GO:0070013)	HLA-DMB
intracellular organelle lumen (GO:0070013)	GNA11
intracellular organelle lumen (GO:0070013)	CXCR2
intracellular organelle lumen (GO:0070013)	GPC5
intracellular organelle lumen (GO:0070013)	AGA
intracellular organelle lumen (GO:0070013)	GC
intracellular organelle lumen (GO:0070013)	HLA-DQA2
intracellular organelle lumen (GO:0070013)	LDLR
intracellular organelle lumen (GO:0070013)	HLA-DQA1
intracellular organelle lumen (GO:0070013)	SNCA
intracellular organelle lumen (GO:0070013)	CD74
intracellular organelle lumen (GO:0070013)	HLA-DRB5
intracellular organelle lumen (GO:0070013)	ACE
intracellular organelle lumen (GO:0070013)	CBLIF
intracellular organelle lumen (GO:0070013)	SORT1
intracellular organelle lumen (GO:0070013)	EGF
intracellular organelle lumen (GO:0070013)	GZMB
intracellular organelle lumen (GO:0070013)	TYR
intracellular organelle lumen (GO:0070013)	CP
intracellular organelle lumen (GO:0070013)	MTOR
intracellular organelle lumen (GO:0070013)	WDR11
intracellular organelle lumen (GO:0070013)	GFAP
intracellular organelle lumen (GO:0070013)	OCLN
intracellular organelle lumen (GO:0070013)	P2RX4
intracellular organelle lumen (GO:0070013)	HLA-DPB1
intracellular organelle lumen (GO:0070013)	HLA-DRA
intracellular organelle lumen (GO:0070013)	SDC1

intracellular organelle lumen (GO:0070013)	PPT2
intracellular organelle lumen (GO:0070013)	HPSE
intracellular organelle lumen (GO:0070013)	CD68
intracellular organelle lumen (GO:0070013)	GLA
intracellular organelle lumen (GO:0070013)	HLA-DRB1
intracellular organelle lumen (GO:0070013)	ADA
MHC protein complex (GO:0042611)	ACHE
MHC protein complex (GO:0042611)	SERPINA3
MHC protein complex (GO:0042611)	SERPINA1
MHC protein complex (GO:0042611)	SERPINE1
MHC protein complex (GO:0042611)	CTSZ
MHC protein complex (GO:0042611)	IFNA2
MHC protein complex (GO:0042611)	PLAT
MHC protein complex (GO:0042611)	LAMC2
MHC protein complex (GO:0042611)	CLU
MHC protein complex (GO:0042611)	ICAM1
MHC protein complex (GO:0042611)	LGALS3
MHC protein complex (GO:0042611)	SHH
MHC protein complex (GO:0042611)	LGALS1
MHC protein complex (GO:0042611)	MDK
MHC protein complex (GO:0042611)	ADAMTS1
MHC protein complex (GO:0042611)	TIMP2
MHC protein complex (GO:0042611)	TIMP3
MHC protein complex (GO:0042611)	CTSH
MHC protein complex (GO:0042611)	LGALS9
MHC protein complex (GO:0042611)	TPSAB1
MHC protein complex (GO:0042611)	EDIL3
MHC protein complex (GO:0042611)	TGM2
MHC protein complex (GO:0042611)	MBL2
MHC protein complex (GO:0042611)	ANXA1
MHC protein complex (GO:0042611)	ANXA2
MHC protein complex (GO:0042611)	DST
MHC protein complex (GO:0042611)	AHSG
MHC protein complex (GO:0042611)	MMP2
MHC protein complex (GO:0042611)	ANXA5
MHC protein complex (GO:0042611)	MST1
MHC protein complex (GO:0042611)	ADIPOQ
MHC protein complex (GO:0042611)	APOA1
MHC protein complex (GO:0042611)	MMP8
MHC protein complex (GO:0042611)	MMP9
MHC protein complex (GO:0042611)	DCN
MHC protein complex (GO:0042611)	F9

MHC protein complex (GO:0042611)	MMRN1
MHC protein complex (GO:0042611)	SERPING1
MHC protein complex (GO:0042611)	ANGPTL4
MHC protein complex (GO:0042611)	S100A9
MHC protein complex (GO:0042611)	S100A8
MHC protein complex (GO:0042611)	C1QA
MHC protein complex (GO:0042611)	SEMA7A
MHC protein complex (GO:0042611)	TNXB
MHC protein complex (GO:0042611)	COL11A2
MHC protein complex (GO:0042611)	PLG
MHC protein complex (GO:0042611)	CFP
MHC protein complex (GO:0042611)	NTN1
MHC protein complex (GO:0042611)	THBS1
MHC protein complex (GO:0042611)	KNG1
MHC protein complex (GO:0042611)	NCAM1
MHC protein complex (GO:0042611)	APOE
MHC protein complex (GO:0042611)	A2M
MHC protein complex (GO:0042611)	TGFB2
MHC protein complex (GO:0042611)	TGFB1
MHC protein complex (GO:0042611)	ANGPT2
MHC protein complex (GO:0042611)	GDF15
MHC protein complex (GO:0042611)	TGFB3
MHC protein complex (GO:0042611)	FN1
MHC protein complex (GO:0042611)	AGT
MHC protein complex (GO:0042611)	GH1
MHC protein complex (GO:0042611)	CXCL12
MHC protein complex (GO:0042611)	IL7
endocytic vesicle membrane (GO:0030666)	APP
endocytic vesicle membrane (GO:0030666)	SERPINA3
endocytic vesicle membrane (GO:0030666)	SERPINA1
endocytic vesicle membrane (GO:0030666)	SERPINE1
endocytic vesicle membrane (GO:0030666)	PLG
endocytic vesicle membrane (GO:0030666)	CLU
endocytic vesicle membrane (GO:0030666)	THBS1
endocytic vesicle membrane (GO:0030666)	KNG1
endocytic vesicle membrane (GO:0030666)	TIMP1
endocytic vesicle membrane (GO:0030666)	A2M
endocytic vesicle membrane (GO:0030666)	SNCA
endocytic vesicle membrane (GO:0030666)	TGFB2
endocytic vesicle membrane (GO:0030666)	TGFB1
endocytic vesicle membrane (GO:0030666)	AHSG
endocytic vesicle membrane (GO:0030666)	EGF

endocytic vesicle membrane (GO:0030666)	TGFB3
endocytic vesicle membrane (GO:0030666)	HGF
endocytic vesicle membrane (GO:0030666)	FN1
endocytic vesicle membrane (GO:0030666)	VEGFB
endocytic vesicle membrane (GO:0030666)	IGF1
endocytic vesicle membrane (GO:0030666)	VEGFA
endocytic vesicle membrane (GO:0030666)	SELP
endocytic vesicle membrane (GO:0030666)	MMRN1
endocytic vesicle membrane (GO:0030666)	ALB
endocytic vesicle membrane (GO:0030666)	PECAM1
endocytic vesicle membrane (GO:0030666)	SERPING1
endocytic vesicle membrane (GO:0030666)	GAS6
endoplasmic reticulum lumen (GO:0005788)	HLA-DRB5
endoplasmic reticulum lumen (GO:0005788)	HLA-DMA
endoplasmic reticulum lumen (GO:0005788)	HLA-DMB
endoplasmic reticulum lumen (GO:0005788)	HLA-DPB1
endoplasmic reticulum lumen (GO:0005788)	HLA-DRA
endoplasmic reticulum lumen (GO:0005788)	HLA-DOA
endoplasmic reticulum lumen (GO:0005788)	HLA-DQA1
endoplasmic reticulum lumen (GO:0005788)	HLA-DQB2
endoplasmic reticulum lumen (GO:0005788)	HLA-DRB1
endoplasmic reticulum lumen (GO:0005788)	HLA-DPA1
endoplasmic reticulum lumen (GO:0005788)	HLA-DQB1
cytoplasmic vesicle membrane (GO:0030659)	APP
cytoplasmic vesicle membrane (GO:0030659)	DCTN1
cytoplasmic vesicle membrane (GO:0030659)	FMR1
cytoplasmic vesicle membrane (GO:0030659)	LRRK2
cytoplasmic vesicle membrane (GO:0030659)	SEMA3A
cytoplasmic vesicle membrane (GO:0030659)	SLC1A1
cytoplasmic vesicle membrane (GO:0030659)	RNF6
cytoplasmic vesicle membrane (GO:0030659)	IQGAP1
cytoplasmic vesicle membrane (GO:0030659)	PARK7
cytoplasmic vesicle membrane (GO:0030659)	LRP2
cytoplasmic vesicle membrane (GO:0030659)	COMT
cytoplasmic vesicle membrane (GO:0030659)	ACTB
cytoplasmic vesicle membrane (GO:0030659)	SLC6A3
cytoplasmic vesicle membrane (GO:0030659)	IGF1R
cytoplasmic vesicle membrane (GO:0030659)	MAPK8
cytoplasmic vesicle membrane (GO:0030659)	ALCAM
cytoplasmic vesicle membrane (GO:0030659)	GRM7
cytoplasmic vesicle membrane (GO:0030659)	BSG
cytoplasmic vesicle membrane (GO:0030659)	NTF3

cytoplasmic vesicle membrane (GO:0030659)	SACS
cytoplasmic vesicle membrane (GO:0030659)	NEFL
cytoplasmic vesicle membrane (GO:0030659)	KIF1B
cytoplasmic vesicle membrane (GO:0030659)	EPHB2
cytoplasmic vesicle membrane (GO:0030659)	DRD2
cytoplasmic vesicle membrane (GO:0030659)	SPG11
cytoplasmic vesicle membrane (GO:0030659)	SNCA
cytoplasmic vesicle membrane (GO:0030659)	EPHA4
cytoplasmic vesicle membrane (GO:0030659)	TGFB2
cytoplasmic vesicle membrane (GO:0030659)	SYT1
cytoplasmic vesicle membrane (GO:0030659)	STAT1
cytoplasmic vesicle membrane (GO:0030659)	BDNF
cytoplasmic vesicle membrane (GO:0030659)	INSRR
cytoplasmic vesicle membrane (GO:0030659)	MX1
cytoplasmic vesicle membrane (GO:0030659)	NGF
cytoplasmic vesicle membrane (GO:0030659)	CD2AP
cytoplasmic vesicle membrane (GO:0030659)	CLDN11
cytoplasmic vesicle membrane (GO:0030659)	SCN10A
cytoplasmic vesicle membrane (GO:0030659)	TH
cytoplasmic vesicle membrane (GO:0030659)	ACTBL2
cytoplasmic vesicle membrane (GO:0030659)	MAPT
cytoplasmic vesicle membrane (GO:0030659)	CD200
integral component of lumenal side of endoplasmic retic	CD74
integral component of lumenal side of endoplasmic retic	HLA-DRB5
integral component of lumenal side of endoplasmic retic	SYT1
integral component of lumenal side of endoplasmic retic	EGF
integral component of lumenal side of endoplasmic retic	FZD4
integral component of lumenal side of endoplasmic retic	TGFA
integral component of lumenal side of endoplasmic retic	LRP2
integral component of lumenal side of endoplasmic retic	ADRB2
integral component of lumenal side of endoplasmic retic	EGFR
integral component of lumenal side of endoplasmic retic	HLA-DPB1
integral component of lumenal side of endoplasmic retic	HLA-DRA
integral component of lumenal side of endoplasmic retic	APOE
integral component of lumenal side of endoplasmic retic	FCGR1A
integral component of lumenal side of endoplasmic retic	IL7R
integral component of lumenal side of endoplasmic retic	LDLR
integral component of lumenal side of endoplasmic retic	HLA-DQA2
integral component of lumenal side of endoplasmic retic	HLA-DQB2
integral component of lumenal side of endoplasmic retic	VAMP2
integral component of lumenal side of endoplasmic retic	HLA-DQA1
integral component of lumenal side of endoplasmic retic	HLA-DRB1

integral component of lumenal side of endoplasmic retic	HLA-DPA1
integral component of lumenal side of endoplasmic retic	HLA-DQB1
lumenal side of endoplasmic reticulum membrane (GO: CD74	
lumenal side of endoplasmic reticulum membrane (GO: CEMIP	
lumenal side of endoplasmic reticulum membrane (GO: HLA-DRB5	
lumenal side of endoplasmic reticulum membrane (GO: SYT1	
lumenal side of endoplasmic reticulum membrane (GO: EGF	
lumenal side of endoplasmic reticulum membrane (GO: FZD4	
lumenal side of endoplasmic reticulum membrane (GO: TGFA	
lumenal side of endoplasmic reticulum membrane (GO: LRP2	
lumenal side of endoplasmic reticulum membrane (GO: ADRB2	
lumenal side of endoplasmic reticulum membrane (GO: EGFR	
lumenal side of endoplasmic reticulum membrane (GO: HLA-DPB1	
lumenal side of endoplasmic reticulum membrane (GO: CTLA4	
lumenal side of endoplasmic reticulum membrane (GO: HLA-DRA	
lumenal side of endoplasmic reticulum membrane (GO: APOE	
lumenal side of endoplasmic reticulum membrane (GO: FCGR1A	
lumenal side of endoplasmic reticulum membrane (GO: IL7R	
lumenal side of endoplasmic reticulum membrane (GO: LDLR	
lumenal side of endoplasmic reticulum membrane (GO: HLA-DQA2	
lumenal side of endoplasmic reticulum membrane (GO: HLA-DQB2	
lumenal side of endoplasmic reticulum membrane (GO: VAMP2	
lumenal side of endoplasmic reticulum membrane (GO: HLA-DQA1	
lumenal side of endoplasmic reticulum membrane (GO: HLA-DRB1	
lumenal side of endoplasmic reticulum membrane (GO: HLA-DPA1	
lumenal side of endoplasmic reticulum membrane (GO: HLA-DQB1	
platelet alpha granule lumen (GO:0031093)	ITGB1
platelet alpha granule lumen (GO:0031093)	SERPINA1
platelet alpha granule lumen (GO:0031093)	CTSZ
platelet alpha granule lumen (GO:0031093)	ICA1
platelet alpha granule lumen (GO:0031093)	ANTXR2
platelet alpha granule lumen (GO:0031093)	LGALS3
platelet alpha granule lumen (GO:0031093)	GJA1
platelet alpha granule lumen (GO:0031093)	FCGR3B
platelet alpha granule lumen (GO:0031093)	ANPEP
platelet alpha granule lumen (GO:0031093)	BSG
platelet alpha granule lumen (GO:0031093)	ITGAX
platelet alpha granule lumen (GO:0031093)	MAP3K7
platelet alpha granule lumen (GO:0031093)	B2M
platelet alpha granule lumen (GO:0031093)	HLA-DPA1
platelet alpha granule lumen (GO:0031093)	CD177
platelet alpha granule lumen (GO:0031093)	ATP6AP2

platelet alpha granule lumen (GO:0031093)	HLA-B
platelet alpha granule lumen (GO:0031093)	TAP1
platelet alpha granule lumen (GO:0031093)	HLA-C
platelet alpha granule lumen (GO:0031093)	PLA2G4A
platelet alpha granule lumen (GO:0031093)	HLA-A
platelet alpha granule lumen (GO:0031093)	HLA-F
platelet alpha granule lumen (GO:0031093)	HLA-G
platelet alpha granule lumen (GO:0031093)	TNFRSF1A
platelet alpha granule lumen (GO:0031093)	ACE2
platelet alpha granule lumen (GO:0031093)	ADAM17
platelet alpha granule lumen (GO:0031093)	TYROBP
platelet alpha granule lumen (GO:0031093)	SLC9A8
platelet alpha granule lumen (GO:0031093)	TRAF6
platelet alpha granule lumen (GO:0031093)	GORASP1
platelet alpha granule lumen (GO:0031093)	PECAM1
platelet alpha granule lumen (GO:0031093)	TLR9
platelet alpha granule lumen (GO:0031093)	TLR8
platelet alpha granule lumen (GO:0031093)	TLR7
platelet alpha granule lumen (GO:0031093)	TLR4
platelet alpha granule lumen (GO:0031093)	ABCG4
platelet alpha granule lumen (GO:0031093)	VAMP2
platelet alpha granule lumen (GO:0031093)	HLA-DQB2
platelet alpha granule lumen (GO:0031093)	TLR3
platelet alpha granule lumen (GO:0031093)	CD44
platelet alpha granule lumen (GO:0031093)	HLA-DQB1
platelet alpha granule lumen (GO:0031093)	TLR2
platelet alpha granule lumen (GO:0031093)	NOTCH2
platelet alpha granule lumen (GO:0031093)	GRIA2
platelet alpha granule lumen (GO:0031093)	NOTCH3
platelet alpha granule lumen (GO:0031093)	NOTCH1
platelet alpha granule lumen (GO:0031093)	LRP1
platelet alpha granule lumen (GO:0031093)	NOTCH4
platelet alpha granule lumen (GO:0031093)	USO1
platelet alpha granule lumen (GO:0031093)	PTAFR
platelet alpha granule lumen (GO:0031093)	TGFA
platelet alpha granule lumen (GO:0031093)	ITPR3
platelet alpha granule lumen (GO:0031093)	IQGAP1
platelet alpha granule lumen (GO:0031093)	ADRB2
platelet alpha granule lumen (GO:0031093)	ABO
platelet alpha granule lumen (GO:0031093)	EGFR
platelet alpha granule lumen (GO:0031093)	INS
platelet alpha granule lumen (GO:0031093)	RAP1A

platelet alpha granule lumen (GO:0031093)	CXCR1
platelet alpha granule lumen (GO:0031093)	IRAK1
platelet alpha granule lumen (GO:0031093)	MGAT5
platelet alpha granule lumen (GO:0031093)	CXCR2
platelet alpha granule lumen (GO:0031093)	UBC
platelet alpha granule lumen (GO:0031093)	NLRP3
platelet alpha granule lumen (GO:0031093)	MGAT1
platelet alpha granule lumen (GO:0031093)	RIPK1
platelet alpha granule lumen (GO:0031093)	NCAM1
platelet alpha granule lumen (GO:0031093)	CD14
platelet alpha granule lumen (GO:0031093)	DRD2
platelet alpha granule lumen (GO:0031093)	WNT1
platelet alpha granule lumen (GO:0031093)	HLA-DQA2
platelet alpha granule lumen (GO:0031093)	LDLR
platelet alpha granule lumen (GO:0031093)	HLA-DQA1
platelet alpha granule lumen (GO:0031093)	WNT3
platelet alpha granule lumen (GO:0031093)	CD74
platelet alpha granule lumen (GO:0031093)	MBTPS1
platelet alpha granule lumen (GO:0031093)	HLA-DRB5
platelet alpha granule lumen (GO:0031093)	CD163
platelet alpha granule lumen (GO:0031093)	HACE1
platelet alpha granule lumen (GO:0031093)	DMTN
platelet alpha granule lumen (GO:0031093)	SORT1
platelet alpha granule lumen (GO:0031093)	NOS3
platelet alpha granule lumen (GO:0031093)	CAV1
platelet alpha granule lumen (GO:0031093)	B3GAT1
platelet alpha granule lumen (GO:0031093)	SORL1
platelet alpha granule lumen (GO:0031093)	IRGM
platelet alpha granule lumen (GO:0031093)	PTPRC
platelet alpha granule lumen (GO:0031093)	FCGR2A
platelet alpha granule lumen (GO:0031093)	STING1
platelet alpha granule lumen (GO:0031093)	P2RX1
platelet alpha granule lumen (GO:0031093)	HLA-DPB1
platelet alpha granule lumen (GO:0031093)	HLA-DRA
platelet alpha granule lumen (GO:0031093)	HLA-DRB1
platelet alpha granule lumen (GO:0031093)	MYD88
lysosome (GO:0005764)	APP
lysosome (GO:0005764)	GPI
lysosome (GO:0005764)	SERPINA3
lysosome (GO:0005764)	PCSK1
lysosome (GO:0005764)	SERPINA1
lysosome (GO:0005764)	SERPINE1

lysosome (GO:0005764)	CTSZ
lysosome (GO:0005764)	HP
lysosome (GO:0005764)	CXCL1
lysosome (GO:0005764)	HMGB1
lysosome (GO:0005764)	MPO
lysosome (GO:0005764)	CLU
lysosome (GO:0005764)	PSMD7
lysosome (GO:0005764)	TIMP2
lysosome (GO:0005764)	TIMP3
lysosome (GO:0005764)	CTSH
lysosome (GO:0005764)	TIMP1
lysosome (GO:0005764)	B2M
lysosome (GO:0005764)	HSP90AA1
lysosome (GO:0005764)	ANXA2
lysosome (GO:0005764)	ARG1
lysosome (GO:0005764)	AHSG
lysosome (GO:0005764)	HGF
lysosome (GO:0005764)	APOA1
lysosome (GO:0005764)	MIF
lysosome (GO:0005764)	MMP8
lysosome (GO:0005764)	UNC13D
lysosome (GO:0005764)	APRT
lysosome (GO:0005764)	MMRN1
lysosome (GO:0005764)	CAT
lysosome (GO:0005764)	SERPING1
lysosome (GO:0005764)	PADI2
lysosome (GO:0005764)	CHI3L1
lysosome (GO:0005764)	GAS6
lysosome (GO:0005764)	S100A9
lysosome (GO:0005764)	S100A8
lysosome (GO:0005764)	VCL
lysosome (GO:0005764)	GRN
lysosome (GO:0005764)	PSMD12
lysosome (GO:0005764)	GSTP1
lysosome (GO:0005764)	PLG
lysosome (GO:0005764)	RETN
lysosome (GO:0005764)	CFP
lysosome (GO:0005764)	THBS1
lysosome (GO:0005764)	KNG1
lysosome (GO:0005764)	INS
lysosome (GO:0005764)	C3
lysosome (GO:0005764)	ALOX5

lysosome (GO:0005764)	S100A12
lysosome (GO:0005764)	MAPK1
lysosome (GO:0005764)	AGA
lysosome (GO:0005764)	A2M
lysosome (GO:0005764)	TGFB2
lysosome (GO:0005764)	GSN
lysosome (GO:0005764)	TGFB1
lysosome (GO:0005764)	XRCC5
lysosome (GO:0005764)	TGFB3
lysosome (GO:0005764)	EGF
lysosome (GO:0005764)	FN1
lysosome (GO:0005764)	VEGFB
lysosome (GO:0005764)	GCG
lysosome (GO:0005764)	IGF1
lysosome (GO:0005764)	MAPK14
lysosome (GO:0005764)	NFKB1
lysosome (GO:0005764)	VEGFA
lysosome (GO:0005764)	POMC
lysosome (GO:0005764)	ALB
lysosome (GO:0005764)	LCN2
lysosome (GO:0005764)	PTPN6
lysosome (GO:0005764)	PTX3
lysosome (GO:0005764)	HPSE
lysosome (GO:0005764)	GLA
collagen-containing extracellular matrix (GO:0062023)	CD74
collagen-containing extracellular matrix (GO:0062023)	HLA-DRB5
collagen-containing extracellular matrix (GO:0062023)	SYT1
collagen-containing extracellular matrix (GO:0062023)	USO1
collagen-containing extracellular matrix (GO:0062023)	HLA-B
collagen-containing extracellular matrix (GO:0062023)	HLA-C
collagen-containing extracellular matrix (GO:0062023)	TGFA
collagen-containing extracellular matrix (GO:0062023)	HLA-A
collagen-containing extracellular matrix (GO:0062023)	HLA-F
collagen-containing extracellular matrix (GO:0062023)	HLA-G
collagen-containing extracellular matrix (GO:0062023)	HLA-DPB1
collagen-containing extracellular matrix (GO:0062023)	HLA-DRA
collagen-containing extracellular matrix (GO:0062023)	B2M
collagen-containing extracellular matrix (GO:0062023)	HLA-DQA2
collagen-containing extracellular matrix (GO:0062023)	HLA-DQB2
collagen-containing extracellular matrix (GO:0062023)	VAMP2
collagen-containing extracellular matrix (GO:0062023)	HLA-DQA1
collagen-containing extracellular matrix (GO:0062023)	HLA-DRB1

collagen-containing extracellular matrix (GO:0062023)	HLA-DPA1
collagen-containing extracellular matrix (GO:0062023)	HLA-DQB1
platelet alpha granule (GO:0031091)	SNAP25
platelet alpha granule (GO:0031091)	GSTP1
platelet alpha granule (GO:0031091)	ITGB2
platelet alpha granule (GO:0031091)	SLC2A4
platelet alpha granule (GO:0031091)	NOD2
platelet alpha granule (GO:0031091)	ACTB
platelet alpha granule (GO:0031091)	ABO
platelet alpha granule (GO:0031091)	EGFR
platelet alpha granule (GO:0031091)	MUC1
platelet alpha granule (GO:0031091)	CFL1
platelet alpha granule (GO:0031091)	UBC
platelet alpha granule (GO:0031091)	AKT1
platelet alpha granule (GO:0031091)	MGAT1
platelet alpha granule (GO:0031091)	APOE
platelet alpha granule (GO:0031091)	NOS1
platelet alpha granule (GO:0031091)	CLIC1
platelet alpha granule (GO:0031091)	EDIL3
platelet alpha granule (GO:0031091)	SYBU
platelet alpha granule (GO:0031091)	ABCA1
platelet alpha granule (GO:0031091)	PRRT2
platelet alpha granule (GO:0031091)	ANXA1
platelet alpha granule (GO:0031091)	ANXA2
platelet alpha granule (GO:0031091)	NOS2
platelet alpha granule (GO:0031091)	NOS3
platelet alpha granule (GO:0031091)	GAD1
platelet alpha granule (GO:0031091)	MSN
platelet alpha granule (GO:0031091)	APOA1
platelet alpha granule (GO:0031091)	MIF
platelet alpha granule (GO:0031091)	YWHAZ
platelet alpha granule (GO:0031091)	BMP5
platelet alpha granule (GO:0031091)	MYO1C
platelet alpha granule (GO:0031091)	CALM3
platelet alpha granule (GO:0031091)	ARHGEF2
platelet alpha granule (GO:0031091)	CALM1
platelet alpha granule (GO:0031091)	LGR6
platelet alpha granule (GO:0031091)	CALM2
platelet alpha granule (GO:0031091)	GAPDH
platelet alpha granule (GO:0031091)	VAMP2
platelet alpha granule (GO:0031091)	HSPA1B
platelet alpha granule (GO:0031091)	VCL

platelet alpha granule (GO:0031091)	HSPA1A
MHC class II protein complex (GO:0042613)	SNAP25
MHC class II protein complex (GO:0042613)	ITGAM
MHC class II protein complex (GO:0042613)	PTAFR
MHC class II protein complex (GO:0042613)	ITGB2
MHC class II protein complex (GO:0042613)	ICA1
MHC class II protein complex (GO:0042613)	ITPR3
MHC class II protein complex (GO:0042613)	PRCP
MHC class II protein complex (GO:0042613)	IQGAP1
MHC class II protein complex (GO:0042613)	PSEN1
MHC class II protein complex (GO:0042613)	PLD1
MHC class II protein complex (GO:0042613)	ITGAL
MHC class II protein complex (GO:0042613)	LGALS3
MHC class II protein complex (GO:0042613)	TRPM2
MHC class II protein complex (GO:0042613)	RAP1A
MHC class II protein complex (GO:0042613)	FCGR3B
MHC class II protein complex (GO:0042613)	CXCR1
MHC class II protein complex (GO:0042613)	ANPEP
MHC class II protein complex (GO:0042613)	CXCR2
MHC class II protein complex (GO:0042613)	C3AR1
MHC class II protein complex (GO:0042613)	ITGAX
MHC class II protein complex (GO:0042613)	OLR1
MHC class II protein complex (GO:0042613)	CD14
MHC class II protein complex (GO:0042613)	LAIR1
MHC class II protein complex (GO:0042613)	CD177
MHC class II protein complex (GO:0042613)	SNCA
MHC class II protein complex (GO:0042613)	SLC11A1
MHC class II protein complex (GO:0042613)	ATP6AP2
MHC class II protein complex (GO:0042613)	HLA-B
MHC class II protein complex (GO:0042613)	HLA-C
MHC class II protein complex (GO:0042613)	CYBB
MHC class II protein complex (GO:0042613)	TNFRSF1B
MHC class II protein complex (GO:0042613)	BST2
MHC class II protein complex (GO:0042613)	CEACAM3
MHC class II protein complex (GO:0042613)	SELP
MHC class II protein complex (GO:0042613)	CEACAM1
MHC class II protein complex (GO:0042613)	TYROBP
MHC class II protein complex (GO:0042613)	PTPRC
MHC class II protein complex (GO:0042613)	FCGR2A
MHC class II protein complex (GO:0042613)	STING1
MHC class II protein complex (GO:0042613)	P2RX1
MHC class II protein complex (GO:0042613)	PECAM1

MHC class II protein complex (GO:0042613)	CD47
MHC class II protein complex (GO:0042613)	CD68
MHC class II protein complex (GO:0042613)	VAMP2
MHC class II protein complex (GO:0042613)	CD44
MHC class II protein complex (GO:0042613)	TLR2
axon (GO:0030424)	CD74
axon (GO:0030424)	HLA-DRB5
axon (GO:0030424)	SYT1
axon (GO:0030424)	EGF
axon (GO:0030424)	FZD4
axon (GO:0030424)	GAD1
axon (GO:0030424)	TGFA
axon (GO:0030424)	GAD2
axon (GO:0030424)	LRP2
axon (GO:0030424)	ADRB2
axon (GO:0030424)	EGFR
axon (GO:0030424)	HLA-DPB1
axon (GO:0030424)	HLA-DRA
axon (GO:0030424)	APOE
axon (GO:0030424)	FCGR1A
axon (GO:0030424)	IL7R
axon (GO:0030424)	LDLR
axon (GO:0030424)	HLA-DQA2
axon (GO:0030424)	HLA-DQB2
axon (GO:0030424)	VAMP2
axon (GO:0030424)	HLA-DQA1
axon (GO:0030424)	HLA-DRB1
axon (GO:0030424)	HLA-DPA1
axon (GO:0030424)	HLA-DQB1
clathrin-coated endocytic vesicle membrane (GO:00306)	SNAP25
clathrin-coated endocytic vesicle membrane (GO:00306)	ITGAM
clathrin-coated endocytic vesicle membrane (GO:00306)	CTS2
clathrin-coated endocytic vesicle membrane (GO:00306)	ITGB2
clathrin-coated endocytic vesicle membrane (GO:00306)	HP
clathrin-coated endocytic vesicle membrane (GO:00306)	CXCL1
clathrin-coated endocytic vesicle membrane (GO:00306)	RETN
clathrin-coated endocytic vesicle membrane (GO:00306)	CFP
clathrin-coated endocytic vesicle membrane (GO:00306)	PLD1
clathrin-coated endocytic vesicle membrane (GO:00306)	ITGAL
clathrin-coated endocytic vesicle membrane (GO:00306)	TRPM2
clathrin-coated endocytic vesicle membrane (GO:00306)	RAP1A
clathrin-coated endocytic vesicle membrane (GO:00306)	C3AR1

clathrin-coated endocytic vesicle membrane (GO:00306 TIMP2	
clathrin-coated endocytic vesicle membrane (GO:00306 OLR1	
clathrin-coated endocytic vesicle membrane (GO:00306 B2M	
clathrin-coated endocytic vesicle membrane (GO:00306 LAIR1	
clathrin-coated endocytic vesicle membrane (GO:00306 CD177	
clathrin-coated endocytic vesicle membrane (GO:00306 ARG1	
clathrin-coated endocytic vesicle membrane (GO:00306 CYBB	
clathrin-coated endocytic vesicle membrane (GO:00306 MMP8	
clathrin-coated endocytic vesicle membrane (GO:00306 TNFRSF1B	
clathrin-coated endocytic vesicle membrane (GO:00306 NFKB1	
clathrin-coated endocytic vesicle membrane (GO:00306 CEACAM3	
clathrin-coated endocytic vesicle membrane (GO:00306 CEACAM1	
clathrin-coated endocytic vesicle membrane (GO:00306 P2RX1	
clathrin-coated endocytic vesicle membrane (GO:00306 LCN2	
clathrin-coated endocytic vesicle membrane (GO:00306 CHI3L1	
clathrin-coated endocytic vesicle membrane (GO:00306 PTPN6	
clathrin-coated endocytic vesicle membrane (GO:00306 PTX3	
clathrin-coated endocytic vesicle membrane (GO:00306 HPSE	
clathrin-coated endocytic vesicle membrane (GO:00306 CD47	
clathrin-coated endocytic vesicle membrane (GO:00306 VCL	
clathrin-coated endocytic vesicle (GO:0045334)	GPI
clathrin-coated endocytic vesicle (GO:0045334)	SERPINA3
clathrin-coated endocytic vesicle (GO:0045334)	PCSK1
clathrin-coated endocytic vesicle (GO:0045334)	PSMD12
clathrin-coated endocytic vesicle (GO:0045334)	GSTP1
clathrin-coated endocytic vesicle (GO:0045334)	HMGB1
clathrin-coated endocytic vesicle (GO:0045334)	INS
clathrin-coated endocytic vesicle (GO:0045334)	C3
clathrin-coated endocytic vesicle (GO:0045334)	PSMD7
clathrin-coated endocytic vesicle (GO:0045334)	ALOX5
clathrin-coated endocytic vesicle (GO:0045334)	S100A12
clathrin-coated endocytic vesicle (GO:0045334)	CTSH
clathrin-coated endocytic vesicle (GO:0045334)	HSP90AA1
clathrin-coated endocytic vesicle (GO:0045334)	GSN
clathrin-coated endocytic vesicle (GO:0045334)	XRCC5
clathrin-coated endocytic vesicle (GO:0045334)	AHSG
clathrin-coated endocytic vesicle (GO:0045334)	APOA1
clathrin-coated endocytic vesicle (GO:0045334)	GCG
clathrin-coated endocytic vesicle (GO:0045334)	MIF
clathrin-coated endocytic vesicle (GO:0045334)	MAPK14
clathrin-coated endocytic vesicle (GO:0045334)	NFKB1
clathrin-coated endocytic vesicle (GO:0045334)	APRT

clathrin-coated endocytic vesicle (GO:0045334)	POMC
clathrin-coated endocytic vesicle (GO:0045334)	CAT
clathrin-coated endocytic vesicle (GO:0045334)	S100A9
clathrin-coated endocytic vesicle (GO:0045334)	S100A8
clathrin-coated endocytic vesicle (GO:0045334)	VCL
bounding membrane of organelle (GO:0098588)	CD74
bounding membrane of organelle (GO:0098588)	HLA-DRB5
bounding membrane of organelle (GO:0098588)	USO1
bounding membrane of organelle (GO:0098588)	HLA-B
bounding membrane of organelle (GO:0098588)	HLA-C
bounding membrane of organelle (GO:0098588)	TGFA
bounding membrane of organelle (GO:0098588)	HLA-A
bounding membrane of organelle (GO:0098588)	HLA-F
bounding membrane of organelle (GO:0098588)	HLA-G
bounding membrane of organelle (GO:0098588)	HLA-DPB1
bounding membrane of organelle (GO:0098588)	HLA-DRA
bounding membrane of organelle (GO:0098588)	B2M
bounding membrane of organelle (GO:0098588)	HLA-DQA2
bounding membrane of organelle (GO:0098588)	HLA-DQB2
bounding membrane of organelle (GO:0098588)	HLA-DQA1
bounding membrane of organelle (GO:0098588)	HLA-DRB1
bounding membrane of organelle (GO:0098588)	HLA-DPA1
bounding membrane of organelle (GO:0098588)	HLA-DQB1
transport vesicle membrane (GO:0030658)	CD74
transport vesicle membrane (GO:0030658)	HLA-DRB5
transport vesicle membrane (GO:0030658)	USO1
transport vesicle membrane (GO:0030658)	HLA-B
transport vesicle membrane (GO:0030658)	HLA-C
transport vesicle membrane (GO:0030658)	TGFA
transport vesicle membrane (GO:0030658)	HLA-A
transport vesicle membrane (GO:0030658)	HLA-F
transport vesicle membrane (GO:0030658)	HLA-G
transport vesicle membrane (GO:0030658)	HLA-DPB1
transport vesicle membrane (GO:0030658)	HLA-DRA
transport vesicle membrane (GO:0030658)	B2M
transport vesicle membrane (GO:0030658)	HLA-DQA2
transport vesicle membrane (GO:0030658)	HLA-DQB2
transport vesicle membrane (GO:0030658)	HLA-DQA1
transport vesicle membrane (GO:0030658)	HLA-DRB1
transport vesicle membrane (GO:0030658)	HLA-DPA1
transport vesicle membrane (GO:0030658)	HLA-DQB1
vesicle (GO:0031982)	SNAP25

vesicle (GO:0031982)	APP
vesicle (GO:0031982)	PCSK1
vesicle (GO:0031982)	FMR1
vesicle (GO:0031982)	LRRK2
vesicle (GO:0031982)	FAM107A
vesicle (GO:0031982)	PARK7
vesicle (GO:0031982)	COMT
vesicle (GO:0031982)	SLC6A3
vesicle (GO:0031982)	ACTB
vesicle (GO:0031982)	SLC6A4
vesicle (GO:0031982)	IGF1R
vesicle (GO:0031982)	ALCAM
vesicle (GO:0031982)	GRM7
vesicle (GO:0031982)	STMN1
vesicle (GO:0031982)	BSG
vesicle (GO:0031982)	SACS
vesicle (GO:0031982)	NEFL
vesicle (GO:0031982)	KIF1B
vesicle (GO:0031982)	EPHB2
vesicle (GO:0031982)	SPG11
vesicle (GO:0031982)	CCR2
vesicle (GO:0031982)	EPHA4
vesicle (GO:0031982)	GHSR
vesicle (GO:0031982)	RPS6
vesicle (GO:0031982)	INSRR
vesicle (GO:0031982)	NGF
vesicle (GO:0031982)	SSTR4
vesicle (GO:0031982)	CD2AP
vesicle (GO:0031982)	CLDN11
vesicle (GO:0031982)	ADCYAP1
vesicle (GO:0031982)	SCN10A
vesicle (GO:0031982)	ACTBL2
vesicle (GO:0031982)	HAP1
vesicle (GO:0031982)	MAPT
vesicle (GO:0031982)	VAMP2
vesicle (GO:0031982)	STX1A
vesicle (GO:0031982)	ATF4
vesicle (GO:0031982)	CX3CR1
vesicle (GO:0031982)	GRIA2
vesicle (GO:0031982)	RGS14
vesicle (GO:0031982)	DCTN1
vesicle (GO:0031982)	SEMA3A

vesicle (GO:0031982)	SLC1A1
vesicle (GO:0031982)	RNF6
vesicle (GO:0031982)	IQGAP1
vesicle (GO:0031982)	LRP2
vesicle (GO:0031982)	PSEN1
vesicle (GO:0031982)	PTGS2
vesicle (GO:0031982)	CRHR1
vesicle (GO:0031982)	HRH1
vesicle (GO:0031982)	MAPK8
vesicle (GO:0031982)	NTF3
vesicle (GO:0031982)	P2RY1
vesicle (GO:0031982)	ABL1
vesicle (GO:0031982)	FYN
vesicle (GO:0031982)	APOD
vesicle (GO:0031982)	NCAM1
vesicle (GO:0031982)	APOE
vesicle (GO:0031982)	DRD2
vesicle (GO:0031982)	SNCA
vesicle (GO:0031982)	PRNP
vesicle (GO:0031982)	TGFB2
vesicle (GO:0031982)	SYT1
vesicle (GO:0031982)	FZD4
vesicle (GO:0031982)	STAT1
vesicle (GO:0031982)	BDNF
vesicle (GO:0031982)	MX1
vesicle (GO:0031982)	TH
vesicle (GO:0031982)	VIP
vesicle (GO:0031982)	CD200
secretory granule membrane (GO:0030667)	ITGB1
secretory granule membrane (GO:0030667)	ITGB2
secretory granule membrane (GO:0030667)	FAM107A
secretory granule membrane (GO:0030667)	HSPB1
secretory granule membrane (GO:0030667)	PVR
secretory granule membrane (GO:0030667)	ACTB
secretory granule membrane (GO:0030667)	SLC6A4
secretory granule membrane (GO:0030667)	TNFSF13B
secretory granule membrane (GO:0030667)	ICAM1
secretory granule membrane (GO:0030667)	ACTG1
secretory granule membrane (GO:0030667)	GJA1
secretory granule membrane (GO:0030667)	ALCAM
secretory granule membrane (GO:0030667)	CFL1
secretory granule membrane (GO:0030667)	BSG

secretory granule membrane (GO:0030667)	RAC2
secretory granule membrane (GO:0030667)	FLOT1
secretory granule membrane (GO:0030667)	JAK2
secretory granule membrane (GO:0030667)	B2M
secretory granule membrane (GO:0030667)	JAK1
secretory granule membrane (GO:0030667)	TGM2
secretory granule membrane (GO:0030667)	ANXA1
secretory granule membrane (GO:0030667)	ITGA4
secretory granule membrane (GO:0030667)	DST
secretory granule membrane (GO:0030667)	ANXA5
secretory granule membrane (GO:0030667)	IL16
secretory granule membrane (GO:0030667)	YWHAZ
secretory granule membrane (GO:0030667)	ADAM17
secretory granule membrane (GO:0030667)	CAT
secretory granule membrane (GO:0030667)	ARHGEF2
secretory granule membrane (GO:0030667)	TLN1
secretory granule membrane (GO:0030667)	CD46
secretory granule membrane (GO:0030667)	CD44
secretory granule membrane (GO:0030667)	VCL
secretory granule membrane (GO:0030667)	LRP1
secretory granule membrane (GO:0030667)	IQGAP1
secretory granule membrane (GO:0030667)	LPP
secretory granule membrane (GO:0030667)	EGFR
secretory granule membrane (GO:0030667)	CNN3
secretory granule membrane (GO:0030667)	DPP4
secretory granule membrane (GO:0030667)	FLNA
secretory granule membrane (GO:0030667)	MAPK1
secretory granule membrane (GO:0030667)	FLNB
secretory granule membrane (GO:0030667)	PDLIM7
secretory granule membrane (GO:0030667)	GSN
secretory granule membrane (GO:0030667)	HSPA5
secretory granule membrane (GO:0030667)	MCAM
secretory granule membrane (GO:0030667)	CAV1
secretory granule membrane (GO:0030667)	MSN
secretory granule membrane (GO:0030667)	ARHGAP24
secretory granule membrane (GO:0030667)	PTPRC
secretory granule membrane (GO:0030667)	CTNNB1
secretory granule membrane (GO:0030667)	P4HB
secretory granule membrane (GO:0030667)	HSPA1B
secretory granule membrane (GO:0030667)	NECTIN2
secretory granule membrane (GO:0030667)	HSPA1A
clathrin-coated vesicle membrane (GO:0030665)	ITGB1

clathrin-coated vesicle membrane (GO:0030665)	APP
clathrin-coated vesicle membrane (GO:0030665)	ITGAM
clathrin-coated vesicle membrane (GO:0030665)	SELPLG
clathrin-coated vesicle membrane (GO:0030665)	LRRK2
clathrin-coated vesicle membrane (GO:0030665)	ITGB2
clathrin-coated vesicle membrane (GO:0030665)	PSEN1
clathrin-coated vesicle membrane (GO:0030665)	TNF
clathrin-coated vesicle membrane (GO:0030665)	SLC6A3
clathrin-coated vesicle membrane (GO:0030665)	EGFR
clathrin-coated vesicle membrane (GO:0030665)	SLC6A4
clathrin-coated vesicle membrane (GO:0030665)	GJA1
clathrin-coated vesicle membrane (GO:0030665)	SHH
clathrin-coated vesicle membrane (GO:0030665)	KDR
clathrin-coated vesicle membrane (GO:0030665)	FLOT1
clathrin-coated vesicle membrane (GO:0030665)	FYN
clathrin-coated vesicle membrane (GO:0030665)	CD14
clathrin-coated vesicle membrane (GO:0030665)	NOS1
clathrin-coated vesicle membrane (GO:0030665)	JAK2
clathrin-coated vesicle membrane (GO:0030665)	CD177
clathrin-coated vesicle membrane (GO:0030665)	ABCA1
clathrin-coated vesicle membrane (GO:0030665)	GHSR
clathrin-coated vesicle membrane (GO:0030665)	PRNP
clathrin-coated vesicle membrane (GO:0030665)	ANXA2
clathrin-coated vesicle membrane (GO:0030665)	CAV1
clathrin-coated vesicle membrane (GO:0030665)	TNFRSF10A
clathrin-coated vesicle membrane (GO:0030665)	TNFRSF1B
clathrin-coated vesicle membrane (GO:0030665)	SELE
clathrin-coated vesicle membrane (GO:0030665)	TGFBR1
clathrin-coated vesicle membrane (GO:0030665)	TNFRSF1A
clathrin-coated vesicle membrane (GO:0030665)	TLR1
clathrin-coated vesicle membrane (GO:0030665)	ACE2
clathrin-coated vesicle membrane (GO:0030665)	ADAM17
clathrin-coated vesicle membrane (GO:0030665)	PTPRC
clathrin-coated vesicle membrane (GO:0030665)	MYO1C
clathrin-coated vesicle membrane (GO:0030665)	CD8A
clathrin-coated vesicle membrane (GO:0030665)	PRKAR1A
clathrin-coated vesicle membrane (GO:0030665)	BTK
clathrin-coated vesicle membrane (GO:0030665)	FAS
clathrin-coated vesicle membrane (GO:0030665)	CD226
clathrin-coated vesicle membrane (GO:0030665)	CD48
clathrin-coated vesicle membrane (GO:0030665)	MAPT
clathrin-coated vesicle membrane (GO:0030665)	CD24

clathrin-coated vesicle membrane (GO:0030665)	MS4A1
clathrin-coated vesicle membrane (GO:0030665)	CARD11
clathrin-coated vesicle membrane (GO:0030665)	TLR2
specific granule (GO:0042581)	EHMT2
specific granule (GO:0042581)	ENO1
specific granule (GO:0042581)	RBPJ
specific granule (GO:0042581)	GJA1
specific granule (GO:0042581)	PSMD7
specific granule (GO:0042581)	PSMD4
specific granule (GO:0042581)	CYP2D6
specific granule (GO:0042581)	ZMIZ1
specific granule (GO:0042581)	ALKBH1
specific granule (GO:0042581)	MYC
specific granule (GO:0042581)	AKT1
specific granule (GO:0042581)	CYP1B1
specific granule (GO:0042581)	DAXX
specific granule (GO:0042581)	PRKCB
specific granule (GO:0042581)	PRKCE
specific granule (GO:0042581)	SOX10
specific granule (GO:0042581)	SND1
specific granule (GO:0042581)	UNC13D
specific granule (GO:0042581)	AR
specific granule (GO:0042581)	DDX39B
specific granule (GO:0042581)	DDIT3
specific granule (GO:0042581)	TYRO3
specific granule (GO:0042581)	PADI2
specific granule (GO:0042581)	PRKD2
specific granule (GO:0042581)	PADI4
specific granule (GO:0042581)	CLOCK
specific granule (GO:0042581)	ATF3
specific granule (GO:0042581)	ATF4
specific granule (GO:0042581)	AIRE
specific granule (GO:0042581)	SHMT1
specific granule (GO:0042581)	AGAP2
specific granule (GO:0042581)	IQGAP1
specific granule (GO:0042581)	GATA3
specific granule (GO:0042581)	BCL10
specific granule (GO:0042581)	MEFV
specific granule (GO:0042581)	C9ORF72
specific granule (GO:0042581)	HIF1A
specific granule (GO:0042581)	LDHA
specific granule (GO:0042581)	PRDX5

specific granule (GO:0042581)	CYP2B6
specific granule (GO:0042581)	S100A12
specific granule (GO:0042581)	HMOX1
specific granule (GO:0042581)	PPARGC1A
specific granule (GO:0042581)	RREB1
specific granule (GO:0042581)	ABCA1
specific granule (GO:0042581)	HACE1
specific granule (GO:0042581)	NR0B2
specific granule (GO:0042581)	CYP2C9
specific granule (GO:0042581)	AGO2
specific granule (GO:0042581)	NOX4
specific granule (GO:0042581)	PPT2
specific granule (GO:0042581)	EZH2
specific granule (GO:0042581)	CDKN1C
specific granule (GO:0042581)	SERPINA3
specific granule (GO:0042581)	SERPINA1
specific granule (GO:0042581)	BTG1
specific granule (GO:0042581)	OGG1
specific granule (GO:0042581)	GLI1
specific granule (GO:0042581)	MECP2
specific granule (GO:0042581)	CHAF1A
specific granule (GO:0042581)	OLR1
specific granule (GO:0042581)	TSPO
specific granule (GO:0042581)	TIMP3
specific granule (GO:0042581)	JAK2
specific granule (GO:0042581)	CIC
specific granule (GO:0042581)	JAK1
specific granule (GO:0042581)	HLA-DPA1
specific granule (GO:0042581)	TCF19
specific granule (GO:0042581)	BRD2
specific granule (GO:0042581)	ANXA1
specific granule (GO:0042581)	ANXA2
specific granule (GO:0042581)	SPHK2
specific granule (GO:0042581)	ARG1
specific granule (GO:0042581)	SPHK1
specific granule (GO:0042581)	TET2
specific granule (GO:0042581)	DNTT
specific granule (GO:0042581)	FOS
specific granule (GO:0042581)	SIRT1
specific granule (GO:0042581)	SIRT2
specific granule (GO:0042581)	POU5F1
specific granule (GO:0042581)	SIRT3

specific granule (GO:0042581)	MMP12
specific granule (GO:0042581)	ZEB1
specific granule (GO:0042581)	RARA
specific granule (GO:0042581)	AHRR
specific granule (GO:0042581)	PPARG
specific granule (GO:0042581)	PPARA
specific granule (GO:0042581)	CRYAB
specific granule (GO:0042581)	DLD
specific granule (GO:0042581)	VAMP2
specific granule (GO:0042581)	MYRF
specific granule (GO:0042581)	HSPA14
specific granule (GO:0042581)	EGFR
specific granule (GO:0042581)	PSMB6
specific granule (GO:0042581)	HLA-DMA
specific granule (GO:0042581)	HLA-DMB
specific granule (GO:0042581)	FLNA
specific granule (GO:0042581)	WWOX
specific granule (GO:0042581)	SLC16A1
specific granule (GO:0042581)	GSN
specific granule (GO:0042581)	HSPA1L
specific granule (GO:0042581)	STAT1
specific granule (GO:0042581)	CDKN2A
specific granule (GO:0042581)	MBD2
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specific granule (GO:0042581)	PSMB9
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specific granule (GO:0042581)	HPGDS
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specific granule (GO:0042581)	SALL1
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specific granule (GO:0042581)	FOXP3
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specific granule (GO:0042581)	ERG
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specific granule (GO:0042581)	GLIS3
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specific granule (GO:0042581)	SOX2
specific granule (GO:0042581)	LGALS3
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specific granule (GO:0042581)	KAT5
specific granule (GO:0042581)	BSG
specific granule (GO:0042581)	KAT8
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specific granule (GO:0042581)	LGALS9
specific granule (GO:0042581)	TP63
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specific granule (GO:0042581)	TP53
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specific granule (GO:0042581)	ESR1
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cytoplasmic vesicle lumen (GO:0060205)	ITGB2
cytoplasmic vesicle lumen (GO:0060205)	FAM107A
cytoplasmic vesicle lumen (GO:0060205)	HSPB1
cytoplasmic vesicle lumen (GO:0060205)	PVR
cytoplasmic vesicle lumen (GO:0060205)	ACTB

cytoplasmic vesicle lumen (GO:0060205)	SLC6A4
cytoplasmic vesicle lumen (GO:0060205)	TNFSF13B
cytoplasmic vesicle lumen (GO:0060205)	ICAM1
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cytoplasmic vesicle lumen (GO:0060205)	DST
cytoplasmic vesicle lumen (GO:0060205)	ANXA5
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cytoplasmic vesicle lumen (GO:0060205)	P4HB
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cytoplasmic vesicle lumen (GO:0060205)	NECTIN2
cytoplasmic vesicle lumen (GO:0060205)	HSPA1A
ER to Golgi transport vesicle membrane (GO:0012507)	CD74
ER to Golgi transport vesicle membrane (GO:0012507)	HLA-DRB5
ER to Golgi transport vesicle membrane (GO:0012507)	SERPINA1
ER to Golgi transport vesicle membrane (GO:0012507)	CTSZ
ER to Golgi transport vesicle membrane (GO:0012507)	USO1
ER to Golgi transport vesicle membrane (GO:0012507)	HLA-B
ER to Golgi transport vesicle membrane (GO:0012507)	HLA-C
ER to Golgi transport vesicle membrane (GO:0012507)	TGFA
ER to Golgi transport vesicle membrane (GO:0012507)	HLA-A
ER to Golgi transport vesicle membrane (GO:0012507)	HLA-F
ER to Golgi transport vesicle membrane (GO:0012507)	HLA-G
ER to Golgi transport vesicle membrane (GO:0012507)	HLA-DPB1
ER to Golgi transport vesicle membrane (GO:0012507)	HLA-DRA
ER to Golgi transport vesicle membrane (GO:0012507)	B2M
ER to Golgi transport vesicle membrane (GO:0012507)	HLA-DQA2
ER to Golgi transport vesicle membrane (GO:0012507)	HLA-DQB2
ER to Golgi transport vesicle membrane (GO:0012507)	HLA-DQA1
ER to Golgi transport vesicle membrane (GO:0012507)	HLA-DRB1
ER to Golgi transport vesicle membrane (GO:0012507)	HLA-DPA1
ER to Golgi transport vesicle membrane (GO:0012507)	HLA-DQB1
coated vesicle membrane (GO:0030662)	GRIA2
coated vesicle membrane (GO:0030662)	CEMIP
coated vesicle membrane (GO:0030662)	LRP1
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coated vesicle membrane (GO:0030662)	LPAR2
coated vesicle membrane (GO:0030662)	HBB
coated vesicle membrane (GO:0030662)	NOD2
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coated vesicle membrane (GO:0030662)	CTLA4
coated vesicle membrane (GO:0030662)	APOE
coated vesicle membrane (GO:0030662)	WNT1
coated vesicle membrane (GO:0030662)	HLA-DQA2
coated vesicle membrane (GO:0030662)	WNT3

coated vesicle membrane (GO:0030662)	HLA-DQA1
coated vesicle membrane (GO:0030662)	HLA-DPA1
coated vesicle membrane (GO:0030662)	ABCA1
coated vesicle membrane (GO:0030662)	CD74
coated vesicle membrane (GO:0030662)	CD163
coated vesicle membrane (GO:0030662)	HLA-DRB5
coated vesicle membrane (GO:0030662)	HSP90AA1
coated vesicle membrane (GO:0030662)	NOS3
coated vesicle membrane (GO:0030662)	CAV1
coated vesicle membrane (GO:0030662)	SPHK1
coated vesicle membrane (GO:0030662)	APOA1
coated vesicle membrane (GO:0030662)	MTOR
coated vesicle membrane (GO:0030662)	ACE2
coated vesicle membrane (GO:0030662)	HLA-DPB1
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coated vesicle membrane (GO:0030662)	HLA-DRB1
coated vesicle membrane (GO:0030662)	HLA-DQB2
coated vesicle membrane (GO:0030662)	HLA-DQB1
neuron projection (GO:0043005)	P2RX7
neuron projection (GO:0043005)	P2RX6
neuron projection (GO:0043005)	P2RX5
neuron projection (GO:0043005)	P2RX4
neuron projection (GO:0043005)	P2RX3
neuron projection (GO:0043005)	P2RX2
neuron projection (GO:0043005)	P2RX1
neuron projection (GO:0043005)	LBR
focal adhesion (GO:0005925)	P2RX7
focal adhesion (GO:0005925)	P2RX6
focal adhesion (GO:0005925)	P2RX5
focal adhesion (GO:0005925)	P2RX4
focal adhesion (GO:0005925)	P2RX3
focal adhesion (GO:0005925)	P2RX2
focal adhesion (GO:0005925)	P2RX1
focal adhesion (GO:0005925)	LBR
intracellular membrane-bounded organelle (GO:004323)	SNAP25
intracellular membrane-bounded organelle (GO:004323)	ITGAM
intracellular membrane-bounded organelle (GO:004323)	ITGB2
intracellular membrane-bounded organelle (GO:004323)	PTAFR
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intracellular membrane-bounded organelle (GO:004323)	CXCL1
intracellular membrane-bounded organelle (GO:004323)	PRCP

intracellular membrane-bounded organelle (GO:004323 CFP	
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intracellular membrane-bounded organelle (GO:004323 LGALS3	
intracellular membrane-bounded organelle (GO:004323 TRPM2	
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intracellular membrane-bounded organelle (GO:004323 CTSH	
intracellular membrane-bounded organelle (GO:004323 OLR1	
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cell-substrate junction (GO:0030055)	TSBP1
cell-substrate junction (GO:0030055)	EHMT2
cell-substrate junction (GO:0030055)	GFI1
cell-substrate junction (GO:0030055)	IKZF1
cell-substrate junction (GO:0030055)	ENO1
cell-substrate junction (GO:0030055)	RBPJ
cell-substrate junction (GO:0030055)	IKZF3
cell-substrate junction (GO:0030055)	ACTB
cell-substrate junction (GO:0030055)	SOX2
cell-substrate junction (GO:0030055)	LGALS3
cell-substrate junction (GO:0030055)	MT2A
cell-substrate junction (GO:0030055)	PSMD7
cell-substrate junction (GO:0030055)	PSMD4
cell-substrate junction (GO:0030055)	KAT5
cell-substrate junction (GO:0030055)	ZMIZ1
cell-substrate junction (GO:0030055)	ALKBH1
cell-substrate junction (GO:0030055)	MYC
cell-substrate junction (GO:0030055)	AKT1
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cell-substrate junction (GO:0030055)	LGALS9

cell-substrate junction (GO:0030055)	TP63
cell-substrate junction (GO:0030055)	DAXX
cell-substrate junction (GO:0030055)	PRKCB
cell-substrate junction (GO:0030055)	TALDO1
cell-substrate junction (GO:0030055)	SOX10
cell-substrate junction (GO:0030055)	SND1
cell-substrate junction (GO:0030055)	AR
cell-substrate junction (GO:0030055)	DDX39B
cell-substrate junction (GO:0030055)	DDIT3
cell-substrate junction (GO:0030055)	BTK
cell-substrate junction (GO:0030055)	TYRO3
cell-substrate junction (GO:0030055)	PADI2
cell-substrate junction (GO:0030055)	PRKD2
cell-substrate junction (GO:0030055)	PADI4
cell-substrate junction (GO:0030055)	CLOCK
cell-substrate junction (GO:0030055)	TP53
cell-substrate junction (GO:0030055)	TRIB2
cell-substrate junction (GO:0030055)	ATF3
cell-substrate junction (GO:0030055)	ATF4
cell-substrate junction (GO:0030055)	PXT1
cell-substrate junction (GO:0030055)	L3MBTL3
cell-substrate junction (GO:0030055)	AIRE
cell-substrate junction (GO:0030055)	SHMT1
cell-substrate junction (GO:0030055)	SP140
cell-substrate junction (GO:0030055)	AGAP2
cell-substrate junction (GO:0030055)	IQGAP1
cell-substrate junction (GO:0030055)	GATA3
cell-substrate junction (GO:0030055)	BCL10
cell-substrate junction (GO:0030055)	TXN
cell-substrate junction (GO:0030055)	MEFV
cell-substrate junction (GO:0030055)	C9ORF72
cell-substrate junction (GO:0030055)	HIF1A
cell-substrate junction (GO:0030055)	SEC14L2
cell-substrate junction (GO:0030055)	LDHA
cell-substrate junction (GO:0030055)	PRDX5
cell-substrate junction (GO:0030055)	SPAST
cell-substrate junction (GO:0030055)	PCBP1
cell-substrate junction (GO:0030055)	S100A12
cell-substrate junction (GO:0030055)	HMOX1
cell-substrate junction (GO:0030055)	APOE
cell-substrate junction (GO:0030055)	TP53BP1
cell-substrate junction (GO:0030055)	PPARGC1A

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cell-substrate junction (GO:0030055)	EGR1
cell-substrate junction (GO:0030055)	XBP1
cell-substrate junction (GO:0030055)	HACE1
cell-substrate junction (GO:0030055)	XRCC5
cell-substrate junction (GO:0030055)	XRCC1
cell-substrate junction (GO:0030055)	NR0B2
cell-substrate junction (GO:0030055)	TPX2
cell-substrate junction (GO:0030055)	TH
cell-substrate junction (GO:0030055)	AGO2
cell-substrate junction (GO:0030055)	NOX4
cell-substrate junction (GO:0030055)	INTS4
cell-substrate junction (GO:0030055)	CALM3
cell-substrate junction (GO:0030055)	ATM
cell-substrate junction (GO:0030055)	ANP32B
cell-substrate junction (GO:0030055)	CALM1
cell-substrate junction (GO:0030055)	CALM2
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cell-substrate junction (GO:0030055)	EZH2
cell-substrate junction (GO:0030055)	TP73
cell-substrate junction (GO:0030055)	CDKN1C
cell-substrate junction (GO:0030055)	H2AX
cell-substrate junction (GO:0030055)	SERPINA3
cell-substrate junction (GO:0030055)	BTG1
cell-substrate junction (GO:0030055)	OGG1
cell-substrate junction (GO:0030055)	BRCA1
cell-substrate junction (GO:0030055)	BRCA2
cell-substrate junction (GO:0030055)	GLI1
cell-substrate junction (GO:0030055)	MECP2
cell-substrate junction (GO:0030055)	CHAF1A
cell-substrate junction (GO:0030055)	TIMP3
cell-substrate junction (GO:0030055)	JAK2
cell-substrate junction (GO:0030055)	CIC
cell-substrate junction (GO:0030055)	CLIC1
cell-substrate junction (GO:0030055)	GABPA
cell-substrate junction (GO:0030055)	JAK1
cell-substrate junction (GO:0030055)	HTATIP2
cell-substrate junction (GO:0030055)	TCF19
cell-substrate junction (GO:0030055)	NCOA2
cell-substrate junction (GO:0030055)	BRD2

cell-substrate junction (GO:0030055)	ANXA1
cell-substrate junction (GO:0030055)	ANXA2
cell-substrate junction (GO:0030055)	PARP1
cell-substrate junction (GO:0030055)	SPHK2
cell-substrate junction (GO:0030055)	ARG1
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cell-substrate junction (GO:0030055)	TOP3A
cell-substrate junction (GO:0030055)	TET2
cell-substrate junction (GO:0030055)	DNTT
cell-substrate junction (GO:0030055)	FOS
cell-substrate junction (GO:0030055)	SIRT1
cell-substrate junction (GO:0030055)	SIRT2
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cell-substrate junction (GO:0030055)	SIRT3
cell-substrate junction (GO:0030055)	MMP12
cell-substrate junction (GO:0030055)	ZEB1
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cell-substrate junction (GO:0030055)	RARA
cell-substrate junction (GO:0030055)	AHRR
cell-substrate junction (GO:0030055)	PPARG
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cell-substrate junction (GO:0030055)	MAPT
cell-substrate junction (GO:0030055)	PPARA
cell-substrate junction (GO:0030055)	SGK1
cell-substrate junction (GO:0030055)	CRYAB
cell-substrate junction (GO:0030055)	DLD
cell-substrate junction (GO:0030055)	ARHGEF5
cell-substrate junction (GO:0030055)	FOXC2
cell-substrate junction (GO:0030055)	FOXC1
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cell-substrate junction (GO:0030055)	WAS
cell-substrate junction (GO:0030055)	XIAP
cell-substrate junction (GO:0030055)	HSPA14
cell-substrate junction (GO:0030055)	AIF1
cell-substrate junction (GO:0030055)	EGFR
cell-substrate junction (GO:0030055)	RELA
cell-substrate junction (GO:0030055)	RELB
cell-substrate junction (GO:0030055)	ARNTL
cell-substrate junction (GO:0030055)	PSMB6
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cell-substrate junction (GO:0030055)	CUX1
cell-substrate junction (GO:0030055)	LMNA

cell-substrate junction (GO:0030055)	FLNA
cell-substrate junction (GO:0030055)	IL33
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cell-substrate junction (GO:0030055)	GSN
cell-substrate junction (GO:0030055)	HSPA1L
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cell-substrate junction (GO:0030055)	STAT1
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cell-substrate junction (GO:0030055)	NR1H3
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cell-substrate junction (GO:0030055)	PSMB8
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cell-substrate junction (GO:0030055)	DSPP
cell-substrate junction (GO:0030055)	WDR11
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cell-substrate junction (GO:0030055)	ETS1

cell-substrate junction (GO:0030055)	CLU
cell-substrate junction (GO:0030055)	ACTG1
cell-substrate junction (GO:0030055)	YY1
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cell-substrate junction (GO:0030055)	SALL1
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cell-substrate junction (GO:0030055)	MYCN
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cell-substrate junction (GO:0030055)	TIMELESS
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cell-substrate junction (GO:0030055)	NOTCH2
cell-substrate junction (GO:0030055)	NOTCH1
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cell-substrate junction (GO:0030055)	MAZ
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cell-substrate junction (GO:0030055)	SART3
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cell-substrate junction (GO:0030055)	SOD1
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COPII-coated ER to Golgi transport vesicle (GO:003013)	NOTCH1

COPII-coated ER to Golgi transport vesicle (GO:003013BMPR2	
COPII-coated ER to Golgi transport vesicle (GO:003013PARK7	
COPII-coated ER to Golgi transport vesicle (GO:003013PVR	
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COPII-coated ER to Golgi transport vesicle (GO:003013ACTG1	
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COPII-coated ER to Golgi transport vesicle (GO:003013CLDN11	
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COPII-coated ER to Golgi transport vesicle (GO:003013NECTIN2	
endocytic vesicle (GO:0030139)	GRN
endocytic vesicle (GO:0030139)	MARCHF1
endocytic vesicle (GO:0030139)	LRRK2

endocytic vesicle (GO:0030139)	CTSZ
endocytic vesicle (GO:0030139)	CXCR4
endocytic vesicle (GO:0030139)	BCL10
endocytic vesicle (GO:0030139)	CD1D
endocytic vesicle (GO:0030139)	ADRB2
endocytic vesicle (GO:0030139)	LRP2
endocytic vesicle (GO:0030139)	C9ORF72
endocytic vesicle (GO:0030139)	MPO
endocytic vesicle (GO:0030139)	TRPM2
endocytic vesicle (GO:0030139)	SMPD1
endocytic vesicle (GO:0030139)	CTSH
endocytic vesicle (GO:0030139)	AGA
endocytic vesicle (GO:0030139)	CD34
endocytic vesicle (GO:0030139)	LDLR
endocytic vesicle (GO:0030139)	SNCA
endocytic vesicle (GO:0030139)	ACE
endocytic vesicle (GO:0030139)	SORT1
endocytic vesicle (GO:0030139)	SLC11A1
endocytic vesicle (GO:0030139)	ATP6AP2
endocytic vesicle (GO:0030139)	TYR
endocytic vesicle (GO:0030139)	UNC13D
endocytic vesicle (GO:0030139)	MTOR
endocytic vesicle (GO:0030139)	GFAP
endocytic vesicle (GO:0030139)	TLR9
endocytic vesicle (GO:0030139)	HLA-DRA
endocytic vesicle (GO:0030139)	TLR7
endocytic vesicle (GO:0030139)	PPT2
endocytic vesicle (GO:0030139)	HPSE
endocytic vesicle (GO:0030139)	CD68
endocytic vesicle (GO:0030139)	GLA
endocytic vesicle (GO:0030139)	ADA
integral component of nuclear inner membrane (GO:000APP	
integral component of nuclear inner membrane (GO:000HP	
integral component of nuclear inner membrane (GO:000NR3C1	
integral component of nuclear inner membrane (GO:000PSMD7	
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integral component of nuclear inner membrane (GO:000CHGB	
integral component of nuclear inner membrane (GO:000IGFBP1	

integral component of nuclear inner membrane (GO:000GSTK1
integral component of nuclear inner membrane (GO:000IGFBP3
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integral component of nuclear inner membrane (GO:000NCAN

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integral component of nuclear inner membrane (GO:000SDF4
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integral component of nuclear inner membrane (GO:000JAK2
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integral component of nuclear inner membrane (GO:000SIRT3
integral component of nuclear inner membrane (GO:000F9
integral component of nuclear inner membrane (GO:000SARS2
integral component of nuclear inner membrane (GO:000CANX
integral component of nuclear inner membrane (GO:000CAT
integral component of nuclear inner membrane (GO:000MZB1
integral component of nuclear inner membrane (GO:000FAM20C
integral component of nuclear inner membrane (GO:000GAS6
integral component of nuclear inner membrane (GO:000DLD
integral component of nuclear inner membrane (GO:000FXN
integral component of nuclear inner membrane (GO:000FH
integral component of nuclear inner membrane (GO:000RNASEL
integral component of nuclear inner membrane (GO:000POLDIP2
integral component of nuclear inner membrane (GO:000GSTP1
integral component of nuclear inner membrane (GO:000COL11A2
integral component of nuclear inner membrane (GO:000AFP

integral component of nuclear inner membrane (GO:000PTGS2
integral component of nuclear inner membrane (GO:000THBS1
integral component of nuclear inner membrane (GO:000EGFR
integral component of nuclear inner membrane (GO:000INS
integral component of nuclear inner membrane (GO:000HSPD1
integral component of nuclear inner membrane (GO:000CST3
integral component of nuclear inner membrane (GO:000GANAB
integral component of nuclear inner membrane (GO:000MUC1
integral component of nuclear inner membrane (GO:000BGLAP
integral component of nuclear inner membrane (GO:000ALOX5
integral component of nuclear inner membrane (GO:000SPP1
integral component of nuclear inner membrane (GO:000MAPK1
integral component of nuclear inner membrane (GO:000GPC5
integral component of nuclear inner membrane (GO:000MBTPS1
integral component of nuclear inner membrane (GO:000GSN
integral component of nuclear inner membrane (GO:000F10
integral component of nuclear inner membrane (GO:000TXNRD2
integral component of nuclear inner membrane (GO:000GSR
integral component of nuclear inner membrane (GO:000GCG
integral component of nuclear inner membrane (GO:000MAPK14
integral component of nuclear inner membrane (GO:000SOD2
integral component of nuclear inner membrane (GO:000SOD1
integral component of nuclear inner membrane (GO:000PTPN6
integral component of nuclear inner membrane (GO:000PTX3
integral component of nuclear inner membrane (GO:000P4HB
integral component of nuclear inner membrane (GO:000HSPA1B
integral component of nuclear inner membrane (GO:000HSPA1A
intrinsic component of nuclear inner membrane (GO:00 ARG1
intrinsic component of nuclear inner membrane (GO:00 CTSZ
intrinsic component of nuclear inner membrane (GO:00 HP
intrinsic component of nuclear inner membrane (GO:00 CXCL1
intrinsic component of nuclear inner membrane (GO:00 RETN
intrinsic component of nuclear inner membrane (GO:00 MMP8
intrinsic component of nuclear inner membrane (GO:00 CFP
intrinsic component of nuclear inner membrane (GO:00 NFKB1
intrinsic component of nuclear inner membrane (GO:00 TIMP2
intrinsic component of nuclear inner membrane (GO:00 LCN2
intrinsic component of nuclear inner membrane (GO:00 CHI3L1
intrinsic component of nuclear inner membrane (GO:00 PTPN6
intrinsic component of nuclear inner membrane (GO:00 PTX3
intrinsic component of nuclear inner membrane (GO:00 HPSE
intrinsic component of nuclear inner membrane (GO:00 B2M

intrinsic component of nuclear inner membrane (GO:00	VCL
tertiary granule (GO:0070820)	ITGB1
tertiary granule (GO:0070820)	CD274
tertiary granule (GO:0070820)	MARCHF1
tertiary granule (GO:0070820)	ADRB2
tertiary granule (GO:0070820)	ANTXR2
tertiary granule (GO:0070820)	EGFR
tertiary granule (GO:0070820)	HLA-DMA
tertiary granule (GO:0070820)	HLA-DMB
tertiary granule (GO:0070820)	RAP1A
tertiary granule (GO:0070820)	IRAK1
tertiary granule (GO:0070820)	UBC
tertiary granule (GO:0070820)	RIPK1
tertiary granule (GO:0070820)	CD14
tertiary granule (GO:0070820)	FCGR1A
tertiary granule (GO:0070820)	B2M
tertiary granule (GO:0070820)	LDLR
tertiary granule (GO:0070820)	MAP3K7
tertiary granule (GO:0070820)	EPHA4
tertiary granule (GO:0070820)	HLA-DRB5
tertiary granule (GO:0070820)	ANXA1
tertiary granule (GO:0070820)	ANXA2
tertiary granule (GO:0070820)	SORT1
tertiary granule (GO:0070820)	SLC11A1
tertiary granule (GO:0070820)	SPHK1
tertiary granule (GO:0070820)	CAV1
tertiary granule (GO:0070820)	ATP6AP2
tertiary granule (GO:0070820)	HLA-B
tertiary granule (GO:0070820)	HLA-C
tertiary granule (GO:0070820)	HLA-A
tertiary granule (GO:0070820)	HLA-F
tertiary granule (GO:0070820)	HLA-G
tertiary granule (GO:0070820)	SORL1
tertiary granule (GO:0070820)	TRAF6
tertiary granule (GO:0070820)	SLC9A9
tertiary granule (GO:0070820)	TLR9
tertiary granule (GO:0070820)	TLR8
tertiary granule (GO:0070820)	HLA-DRA
tertiary granule (GO:0070820)	TLR7
tertiary granule (GO:0070820)	CD68
tertiary granule (GO:0070820)	TLR4
tertiary granule (GO:0070820)	ABCG4

tertiary granule (GO:0070820)	HLA-DRB1
tertiary granule (GO:0070820)	TLR3
tertiary granule (GO:0070820)	MYD88
nucleus (GO:0005634)	GRN
nucleus (GO:0005634)	MARCHF1
nucleus (GO:0005634)	LRP1
nucleus (GO:0005634)	PRCP
nucleus (GO:0005634)	PSEN1
nucleus (GO:0005634)	LRP2
nucleus (GO:0005634)	PLD1
nucleus (GO:0005634)	DPP4
nucleus (GO:0005634)	TRPM2
nucleus (GO:0005634)	HLA-DMA
nucleus (GO:0005634)	HLA-DMB
nucleus (GO:0005634)	ANPEP
nucleus (GO:0005634)	GNA11
nucleus (GO:0005634)	C3AR1
nucleus (GO:0005634)	FLOT1
nucleus (GO:0005634)	HLA-DOA
nucleus (GO:0005634)	HLA-DQA2
nucleus (GO:0005634)	LDLR
nucleus (GO:0005634)	SPG11
nucleus (GO:0005634)	HLA-DQA1
nucleus (GO:0005634)	HLA-DPA1
nucleus (GO:0005634)	CD74
nucleus (GO:0005634)	HLA-DRB5
nucleus (GO:0005634)	ANXA2
nucleus (GO:0005634)	SPHK2
nucleus (GO:0005634)	EGF
nucleus (GO:0005634)	ATP6AP2
nucleus (GO:0005634)	HLA-F
nucleus (GO:0005634)	CP
nucleus (GO:0005634)	MTOR
nucleus (GO:0005634)	WDR11
nucleus (GO:0005634)	BST2
nucleus (GO:0005634)	OCLN
nucleus (GO:0005634)	P2RX4
nucleus (GO:0005634)	TLR9
nucleus (GO:0005634)	HLA-DPB1
nucleus (GO:0005634)	TLR8
nucleus (GO:0005634)	HLA-DRA
nucleus (GO:0005634)	TLR7

nucleus (GO:0005634)	CD68
nucleus (GO:0005634)	HLA-DRB1
nucleus (GO:0005634)	TLR3
nucleus (GO:0005634)	HLA-DQB2
nucleus (GO:0005634)	HLA-DQB1
cell-cell junction (GO:0005911)	SLC11A1
cell-cell junction (GO:0005911)	HLA-B
cell-cell junction (GO:0005911)	HLA-C
cell-cell junction (GO:0005911)	CYBB
cell-cell junction (GO:0005911)	TAP1
cell-cell junction (GO:0005911)	HLA-A
cell-cell junction (GO:0005911)	HLA-F
cell-cell junction (GO:0005911)	HLA-G
cell-cell junction (GO:0005911)	ATG12
cell-cell junction (GO:0005911)	RAC2
cell-cell junction (GO:0005911)	CLEC4E
cell-cell junction (GO:0005911)	B2M
cell-cell junction (GO:0005911)	ATG5
lytic vacuole (GO:0000323)	BMPR2
lytic vacuole (GO:0000323)	ITGAM
lytic vacuole (GO:0000323)	SELPLG
lytic vacuole (GO:0000323)	IRS1
lytic vacuole (GO:0000323)	NOS3
lytic vacuole (GO:0000323)	CAV1
lytic vacuole (GO:0000323)	ITGB2
lytic vacuole (GO:0000323)	F2R
lytic vacuole (GO:0000323)	TFPI
lytic vacuole (GO:0000323)	SELE
lytic vacuole (GO:0000323)	CD8A
lytic vacuole (GO:0000323)	PRKAR1A
lytic vacuole (GO:0000323)	KCNMA1
lytic vacuole (GO:0000323)	FLOT1
lytic vacuole (GO:0000323)	MAPK1
lytic vacuole (GO:0000323)	JAK2
lytic vacuole (GO:0000323)	MS4A1
lytic vacuole (GO:0000323)	CD177
specific granule lumen (GO:0035580)	ABCA1
specific granule lumen (GO:0035580)	NCF1
specific granule lumen (GO:0035580)	SLC11A1
specific granule lumen (GO:0035580)	HLA-B
specific granule lumen (GO:0035580)	TAP1
specific granule lumen (GO:0035580)	HLA-C

specific granule lumen (GO:0035580)	CYBB
specific granule lumen (GO:0035580)	HLA-A
specific granule lumen (GO:0035580)	NOD2
specific granule lumen (GO:0035580)	HLA-F
specific granule lumen (GO:0035580)	MPO
specific granule lumen (GO:0035580)	HLA-G
specific granule lumen (GO:0035580)	ATG12
specific granule lumen (GO:0035580)	MTOR
specific granule lumen (GO:0035580)	RAC2
specific granule lumen (GO:0035580)	TLR9
specific granule lumen (GO:0035580)	TLR7
specific granule lumen (GO:0035580)	CLEC4E
specific granule lumen (GO:0035580)	B2M
specific granule lumen (GO:0035580)	ATG5
endosome membrane (GO:0010008)	GPI
endosome membrane (GO:0010008)	PSMD12
endosome membrane (GO:0010008)	SERPINA1
endosome membrane (GO:0010008)	GSTP1
endosome membrane (GO:0010008)	CTSZ
endosome membrane (GO:0010008)	ITGB2
endosome membrane (GO:0010008)	HBB
endosome membrane (GO:0010008)	PRCP
endosome membrane (GO:0010008)	HMGB1
endosome membrane (GO:0010008)	CST3
endosome membrane (GO:0010008)	LGALS3
endosome membrane (GO:0010008)	TRPM2
endosome membrane (GO:0010008)	PSMD7
endosome membrane (GO:0010008)	ALOX5
endosome membrane (GO:0010008)	TIMP2
endosome membrane (GO:0010008)	ITGAX
endosome membrane (GO:0010008)	CTSH
endosome membrane (GO:0010008)	MAPK1
endosome membrane (GO:0010008)	HSP90AA1
endosome membrane (GO:0010008)	GSN
endosome membrane (GO:0010008)	SLC11A1
endosome membrane (GO:0010008)	ATP6AP2
endosome membrane (GO:0010008)	MIF
endosome membrane (GO:0010008)	MAPK14
endosome membrane (GO:0010008)	MMP9
endosome membrane (GO:0010008)	CAT
endosome membrane (GO:0010008)	VCL
endosome membrane (GO:0010008)	HSPA1B

endosome membrane (GO:0010008)	HSPA1A
lysosomal membrane (GO:0005765)	GRN
lysosomal membrane (GO:0005765)	MARCHF1
lysosomal membrane (GO:0005765)	LRP1
lysosomal membrane (GO:0005765)	PSEN1
lysosomal membrane (GO:0005765)	LRP2
lysosomal membrane (GO:0005765)	PLD1
lysosomal membrane (GO:0005765)	DPP4
lysosomal membrane (GO:0005765)	TRPM2
lysosomal membrane (GO:0005765)	HLA-DMA
lysosomal membrane (GO:0005765)	HLA-DMB
lysosomal membrane (GO:0005765)	ANPEP
lysosomal membrane (GO:0005765)	GNA11
lysosomal membrane (GO:0005765)	FLOT1
lysosomal membrane (GO:0005765)	HLA-DOA
lysosomal membrane (GO:0005765)	HLA-DQA2
lysosomal membrane (GO:0005765)	SPG11
lysosomal membrane (GO:0005765)	HLA-DQA1
lysosomal membrane (GO:0005765)	HLA-DPA1
lysosomal membrane (GO:0005765)	CD74
lysosomal membrane (GO:0005765)	HLA-DRB5
lysosomal membrane (GO:0005765)	ANXA2
lysosomal membrane (GO:0005765)	SPHK2
lysosomal membrane (GO:0005765)	EGF
lysosomal membrane (GO:0005765)	ATP6AP2
lysosomal membrane (GO:0005765)	HLA-F
lysosomal membrane (GO:0005765)	CP
lysosomal membrane (GO:0005765)	MTOR
lysosomal membrane (GO:0005765)	WDR11
lysosomal membrane (GO:0005765)	OCLN
lysosomal membrane (GO:0005765)	P2RX4
lysosomal membrane (GO:0005765)	HLA-DPB1
lysosomal membrane (GO:0005765)	HLA-DRA
lysosomal membrane (GO:0005765)	CD68
lysosomal membrane (GO:0005765)	HLA-DRB1
lysosomal membrane (GO:0005765)	TLR3
lysosomal membrane (GO:0005765)	HLA-DQB2
lysosomal membrane (GO:0005765)	HLA-DQB1
phagocytic vesicle membrane (GO:0030670)	HFE
phagocytic vesicle membrane (GO:0030670)	HLA-B
phagocytic vesicle membrane (GO:0030670)	HLA-C
phagocytic vesicle membrane (GO:0030670)	HLA-A

phagocytic vesicle membrane (GO:0030670)	B2M
plasma membrane raft (GO:0044853)	GPI
plasma membrane raft (GO:0044853)	PSMD12
plasma membrane raft (GO:0044853)	HSP90AA1
plasma membrane raft (GO:0044853)	SERPINA1
plasma membrane raft (GO:0044853)	GSN
plasma membrane raft (GO:0044853)	GSTP1
plasma membrane raft (GO:0044853)	CTSZ
plasma membrane raft (GO:0044853)	HBB
plasma membrane raft (GO:0044853)	MIF
plasma membrane raft (GO:0044853)	HMGB1
plasma membrane raft (GO:0044853)	MAPK14
plasma membrane raft (GO:0044853)	MMP9
plasma membrane raft (GO:0044853)	CST3
plasma membrane raft (GO:0044853)	PSMD7
plasma membrane raft (GO:0044853)	ALOX5
plasma membrane raft (GO:0044853)	CAT
plasma membrane raft (GO:0044853)	TIMP2
plasma membrane raft (GO:0044853)	CTSH
plasma membrane raft (GO:0044853)	MAPK1
plasma membrane raft (GO:0044853)	VCL
plasma membrane raft (GO:0044853)	HSPA1B
plasma membrane raft (GO:0044853)	HSPA1A
phagocytic vesicle (GO:0045335)	HLA-DRB5
phagocytic vesicle (GO:0045335)	HFE
phagocytic vesicle (GO:0045335)	HLA-B
phagocytic vesicle (GO:0045335)	HLA-C
phagocytic vesicle (GO:0045335)	HLA-A
phagocytic vesicle (GO:0045335)	HLA-F
phagocytic vesicle (GO:0045335)	HLA-DMA
phagocytic vesicle (GO:0045335)	HLA-DMB
phagocytic vesicle (GO:0045335)	HLA-DPB1
phagocytic vesicle (GO:0045335)	HLA-DRA
phagocytic vesicle (GO:0045335)	HLA-DOA
phagocytic vesicle (GO:0045335)	B2M
phagocytic vesicle (GO:0045335)	HLA-DQA1
phagocytic vesicle (GO:0045335)	HLA-DQB2
phagocytic vesicle (GO:0045335)	HLA-DRB1
phagocytic vesicle (GO:0045335)	HLA-DPA1
phagocytic vesicle (GO:0045335)	HLA-DQB1
ficolin-1-rich granule (GO:0101002)	CD74
ficolin-1-rich granule (GO:0101002)	HLA-DRB5

ficolin-1-rich granule (GO:0101002)	HSPA5
ficolin-1-rich granule (GO:0101002)	HLA-B
ficolin-1-rich granule (GO:0101002)	EIF2AK3
ficolin-1-rich granule (GO:0101002)	SYVN1
ficolin-1-rich granule (GO:0101002)	TAP1
ficolin-1-rich granule (GO:0101002)	HLA-C
ficolin-1-rich granule (GO:0101002)	HLA-A
ficolin-1-rich granule (GO:0101002)	HLA-F
ficolin-1-rich granule (GO:0101002)	HLA-G
ficolin-1-rich granule (GO:0101002)	RTN4
ficolin-1-rich granule (GO:0101002)	ERN1
ficolin-1-rich granule (GO:0101002)	STING1
ficolin-1-rich granule (GO:0101002)	CANX
ficolin-1-rich granule (GO:0101002)	HLA-DPB1
ficolin-1-rich granule (GO:0101002)	HLA-DRA
ficolin-1-rich granule (GO:0101002)	DHCR7
ficolin-1-rich granule (GO:0101002)	HLA-DQA2
ficolin-1-rich granule (GO:0101002)	HLA-DQA1
ficolin-1-rich granule (GO:0101002)	HLA-DRB1
ficolin-1-rich granule (GO:0101002)	HLA-DQB2
ficolin-1-rich granule (GO:0101002)	HLA-DPA1
ficolin-1-rich granule (GO:0101002)	HLA-DQB1
lytic vacuole membrane (GO:0098852)	BMPR2
lytic vacuole membrane (GO:0098852)	IRS1
lytic vacuole membrane (GO:0098852)	NOS3
lytic vacuole membrane (GO:0098852)	LRRK2
lytic vacuole membrane (GO:0098852)	CAV1
lytic vacuole membrane (GO:0098852)	F2R
lytic vacuole membrane (GO:0098852)	TFPI
lytic vacuole membrane (GO:0098852)	SELE
lytic vacuole membrane (GO:0098852)	SLC6A3
lytic vacuole membrane (GO:0098852)	CDH1
lytic vacuole membrane (GO:0098852)	KCNMA1
lytic vacuole membrane (GO:0098852)	FLOT1
lytic vacuole membrane (GO:0098852)	MAPK1
lytic vacuole membrane (GO:0098852)	JAK2
MHC class I protein complex (GO:0042612)	APP
MHC class I protein complex (GO:0042612)	GH1
MHC class I protein complex (GO:0042612)	IL12B
MHC class I protein complex (GO:0042612)	IL12A
MHC class I protein complex (GO:0042612)	PRL
MHC class I protein complex (GO:0042612)	JAK2

MHC class I protein complex (GO:0042612)	B2M
MHC class I protein complex (GO:0042612)	PRLR
MHC class I protein complex (GO:0042612)	INS
ficolin-1-rich granule lumen (GO:1904813)	NOTCH1
ficolin-1-rich granule lumen (GO:1904813)	JAG1
ficolin-1-rich granule lumen (GO:1904813)	BMPR2
ficolin-1-rich granule lumen (GO:1904813)	ANXA1
ficolin-1-rich granule lumen (GO:1904813)	ANXA2
ficolin-1-rich granule lumen (GO:1904813)	PARK7
ficolin-1-rich granule lumen (GO:1904813)	PVR
ficolin-1-rich granule lumen (GO:1904813)	ACTB
ficolin-1-rich granule lumen (GO:1904813)	CNN3
ficolin-1-rich granule lumen (GO:1904813)	SMAD7
ficolin-1-rich granule lumen (GO:1904813)	VEGFA
ficolin-1-rich granule lumen (GO:1904813)	AHI1
ficolin-1-rich granule lumen (GO:1904813)	CEACAM1
ficolin-1-rich granule lumen (GO:1904813)	APC
ficolin-1-rich granule lumen (GO:1904813)	CDH1
ficolin-1-rich granule lumen (GO:1904813)	FLOT1
ficolin-1-rich granule lumen (GO:1904813)	CTNNB1
ficolin-1-rich granule lumen (GO:1904813)	CTNNA3
ficolin-1-rich granule lumen (GO:1904813)	TLN1
ficolin-1-rich granule lumen (GO:1904813)	VCL
ficolin-1-rich granule lumen (GO:1904813)	PDLIM7
ficolin-1-rich granule lumen (GO:1904813)	NECTIN2
integral component of endoplasmic reticulum membrane	CPT1A
integral component of endoplasmic reticulum membrane	LRRK2
integral component of endoplasmic reticulum membrane	RMDN3
integral component of endoplasmic reticulum membrane	ITPR3
integral component of endoplasmic reticulum membrane	PSEN1
integral component of endoplasmic reticulum membrane	AMBRA1
integral component of endoplasmic reticulum membrane	FOXO3
integral component of endoplasmic reticulum membrane	PTGS2
integral component of endoplasmic reticulum membrane	QTRT1
integral component of endoplasmic reticulum membrane	CYP27B1
integral component of endoplasmic reticulum membrane	MAVS
integral component of endoplasmic reticulum membrane	CASP8
integral component of endoplasmic reticulum membrane	STING1
integral component of endoplasmic reticulum membrane	UBC
integral component of endoplasmic reticulum membrane	BCL2
integral component of endoplasmic reticulum membrane	TSPO
integral component of endoplasmic reticulum membrane	MFN2

integral component of endoplasmic reticulum membrane	BAX
integral component of endoplasmic reticulum membrane	DHCR7
integral component of endoplasmic reticulum membrane	RAF1
integral component of endoplasmic reticulum membrane	DNM1L
integral component of endoplasmic reticulum membrane	BID
integral component of endoplasmic reticulum membrane	BCL2L1
caveola (GO:0005901)	APP
caveola (GO:0005901)	CD274
caveola (GO:0005901)	MARCHF1
caveola (GO:0005901)	LRP1
caveola (GO:0005901)	HFE
caveola (GO:0005901)	CXCR4
caveola (GO:0005901)	PHB
caveola (GO:0005901)	EGFR
caveola (GO:0005901)	HSPD1
caveola (GO:0005901)	PRDX3
caveola (GO:0005901)	RAP1A
caveola (GO:0005901)	KDR
caveola (GO:0005901)	FLOT1
caveola (GO:0005901)	MAPK1
caveola (GO:0005901)	APOE
caveola (GO:0005901)	FCGR1A
caveola (GO:0005901)	B2M
caveola (GO:0005901)	LDLR
caveola (GO:0005901)	EPHA4
caveola (GO:0005901)	ANXA1
caveola (GO:0005901)	VCAM1
caveola (GO:0005901)	SORT1
caveola (GO:0005901)	SPHK1
caveola (GO:0005901)	CAV1
caveola (GO:0005901)	F2R
caveola (GO:0005901)	HLA-B
caveola (GO:0005901)	HLA-C
caveola (GO:0005901)	APOA1
caveola (GO:0005901)	HLA-A
caveola (GO:0005901)	HLA-F
caveola (GO:0005901)	HLA-G
caveola (GO:0005901)	SORL1
caveola (GO:0005901)	ITCH
caveola (GO:0005901)	F2RL1
caveola (GO:0005901)	SIGLEC1
endosome lumen (GO:0031904)	HP

endosome lumen (GO:0031904)	HBB
endosome lumen (GO:0031904)	CXCL1
endosome lumen (GO:0031904)	MMP8
endosome lumen (GO:0031904)	CFP
endosome lumen (GO:0031904)	MMP9
endosome lumen (GO:0031904)	CST3
endosome lumen (GO:0031904)	TIMP2
endosome lumen (GO:0031904)	CTSH
endosome lumen (GO:0031904)	PTPN6
endosome lumen (GO:0031904)	PTX3
endosome lumen (GO:0031904)	PRSS3
endosome lumen (GO:0031904)	B2M
adherens junction (GO:0005912)	SNAP25
adherens junction (GO:0005912)	ITGAM
adherens junction (GO:0005912)	SLC11A1
adherens junction (GO:0005912)	ITGB2
adherens junction (GO:0005912)	ATP6AP2
adherens junction (GO:0005912)	PTAFR
adherens junction (GO:0005912)	CYBB
adherens junction (GO:0005912)	PLD1
adherens junction (GO:0005912)	TRPM2
adherens junction (GO:0005912)	CEACAM1
adherens junction (GO:0005912)	ITGAX
adherens junction (GO:0005912)	OLR1
adherens junction (GO:0005912)	CD47
adherens junction (GO:0005912)	LAIR1
adherens junction (GO:0005912)	CD177
organelle outer membrane (GO:0031968)	DUOX1
organelle outer membrane (GO:0031968)	NCF1
organelle outer membrane (GO:0031968)	NOX3
organelle outer membrane (GO:0031968)	NOX4
organelle outer membrane (GO:0031968)	CYBB
organelle outer membrane (GO:0031968)	DUOX2
early endosome (GO:0005769)	SNAP25
early endosome (GO:0005769)	ITGAM
early endosome (GO:0005769)	ITGB2
early endosome (GO:0005769)	CYBB
early endosome (GO:0005769)	ITGAL
early endosome (GO:0005769)	TNFRSF1B
early endosome (GO:0005769)	PLD1
early endosome (GO:0005769)	CEACAM3
early endosome (GO:0005769)	TRPM2

early endosome (GO:0005769)	CEACAM1
early endosome (GO:0005769)	RAP1A
early endosome (GO:0005769)	P2RX1
early endosome (GO:0005769)	C3AR1
early endosome (GO:0005769)	OLR1
early endosome (GO:0005769)	CD47
early endosome (GO:0005769)	LAIR1
early endosome (GO:0005769)	CD177
tertiary granule lumen (GO:1904724)	GRIA2
tertiary granule lumen (GO:1904724)	LRP1
tertiary granule lumen (GO:1904724)	TGFA
tertiary granule lumen (GO:1904724)	ADRB2
tertiary granule lumen (GO:1904724)	LRP2
tertiary granule lumen (GO:1904724)	EGFR
tertiary granule lumen (GO:1904724)	UBC
tertiary granule lumen (GO:1904724)	RAC2
tertiary granule lumen (GO:1904724)	APOE
tertiary granule lumen (GO:1904724)	WNT1
tertiary granule lumen (GO:1904724)	FCGR1A
tertiary granule lumen (GO:1904724)	B2M
tertiary granule lumen (GO:1904724)	HLA-DQA2
tertiary granule lumen (GO:1904724)	LDLR
tertiary granule lumen (GO:1904724)	WNT3
tertiary granule lumen (GO:1904724)	HLA-DQA1
tertiary granule lumen (GO:1904724)	ATG5
tertiary granule lumen (GO:1904724)	HLA-DPA1
tertiary granule lumen (GO:1904724)	CD74
tertiary granule lumen (GO:1904724)	CD163
tertiary granule lumen (GO:1904724)	HLA-DRB5
tertiary granule lumen (GO:1904724)	SYT1
tertiary granule lumen (GO:1904724)	FZD4
tertiary granule lumen (GO:1904724)	EGF
tertiary granule lumen (GO:1904724)	NOS3
tertiary granule lumen (GO:1904724)	SLC11A1
tertiary granule lumen (GO:1904724)	CAV1
tertiary granule lumen (GO:1904724)	HLA-B
tertiary granule lumen (GO:1904724)	TAP1
tertiary granule lumen (GO:1904724)	HLA-C
tertiary granule lumen (GO:1904724)	CYBB
tertiary granule lumen (GO:1904724)	HLA-A
tertiary granule lumen (GO:1904724)	HLA-F
tertiary granule lumen (GO:1904724)	HLA-G

tertiary granule lumen (GO:1904724)	ATG12
tertiary granule lumen (GO:1904724)	ACE2
tertiary granule lumen (GO:1904724)	HLA-DPB1
tertiary granule lumen (GO:1904724)	HLA-DRA
tertiary granule lumen (GO:1904724)	CLEC4E
tertiary granule lumen (GO:1904724)	IL7R
tertiary granule lumen (GO:1904724)	HLA-DRB1
tertiary granule lumen (GO:1904724)	VAMP2
tertiary granule lumen (GO:1904724)	HLA-DQB2
tertiary granule lumen (GO:1904724)	HLA-DQB1
tertiary granule membrane (GO:0070821)	GRIA2
tertiary granule membrane (GO:0070821)	RGS14
tertiary granule membrane (GO:0070821)	FMR1
tertiary granule membrane (GO:0070821)	LRRK2
tertiary granule membrane (GO:0070821)	SLC1A1
tertiary granule membrane (GO:0070821)	LRP2
tertiary granule membrane (GO:0070821)	COMT
tertiary granule membrane (GO:0070821)	CLU
tertiary granule membrane (GO:0070821)	HRH1
tertiary granule membrane (GO:0070821)	MAPK8
tertiary granule membrane (GO:0070821)	GRM7
tertiary granule membrane (GO:0070821)	NTF3
tertiary granule membrane (GO:0070821)	P2RY1
tertiary granule membrane (GO:0070821)	SACS
tertiary granule membrane (GO:0070821)	ABL1
tertiary granule membrane (GO:0070821)	APOD
tertiary granule membrane (GO:0070821)	KIF1B
tertiary granule membrane (GO:0070821)	FYN
tertiary granule membrane (GO:0070821)	APOE
tertiary granule membrane (GO:0070821)	EPHB2
tertiary granule membrane (GO:0070821)	DRD2
tertiary granule membrane (GO:0070821)	SPG11
tertiary granule membrane (GO:0070821)	CCR2
tertiary granule membrane (GO:0070821)	EPHA4
tertiary granule membrane (GO:0070821)	PRNP
tertiary granule membrane (GO:0070821)	FZD4
tertiary granule membrane (GO:0070821)	STAT1
tertiary granule membrane (GO:0070821)	BDNF
tertiary granule membrane (GO:0070821)	RPS6
tertiary granule membrane (GO:0070821)	NGF
tertiary granule membrane (GO:0070821)	CD2AP
tertiary granule membrane (GO:0070821)	SOD1

tertiary granule membrane (GO:0070821)	MAPT
tertiary granule membrane (GO:0070821)	HAP1
NADPH oxidase complex (GO:0043020)	APP
NADPH oxidase complex (GO:0043020)	ICA1
NADPH oxidase complex (GO:0043020)	RABEPK
NADPH oxidase complex (GO:0043020)	GJA1
NADPH oxidase complex (GO:0043020)	BSG
NADPH oxidase complex (GO:0043020)	B2M
NADPH oxidase complex (GO:0043020)	HLA-DPA1
NADPH oxidase complex (GO:0043020)	HLA-B
NADPH oxidase complex (GO:0043020)	HLA-C
NADPH oxidase complex (GO:0043020)	PLA2G4A
NADPH oxidase complex (GO:0043020)	HLA-A
NADPH oxidase complex (GO:0043020)	HLA-F
NADPH oxidase complex (GO:0043020)	HLA-G
NADPH oxidase complex (GO:0043020)	TNFRSF1A
NADPH oxidase complex (GO:0043020)	ADAM17
NADPH oxidase complex (GO:0043020)	SLC9A8
NADPH oxidase complex (GO:0043020)	GORASP1
NADPH oxidase complex (GO:0043020)	TLR9
NADPH oxidase complex (GO:0043020)	TLR8
NADPH oxidase complex (GO:0043020)	TLR7
NADPH oxidase complex (GO:0043020)	HLA-DQB2
NADPH oxidase complex (GO:0043020)	TLR3
NADPH oxidase complex (GO:0043020)	HLA-DQB1
NADPH oxidase complex (GO:0043020)	NOTCH2
NADPH oxidase complex (GO:0043020)	NOTCH3
NADPH oxidase complex (GO:0043020)	NOTCH1
NADPH oxidase complex (GO:0043020)	MARCHF1
NADPH oxidase complex (GO:0043020)	NOTCH4
NADPH oxidase complex (GO:0043020)	USO1
NADPH oxidase complex (GO:0043020)	ABO
NADPH oxidase complex (GO:0043020)	INS
NADPH oxidase complex (GO:0043020)	VPS51
NADPH oxidase complex (GO:0043020)	MGAT5
NADPH oxidase complex (GO:0043020)	NLRP3
NADPH oxidase complex (GO:0043020)	MGAT1
NADPH oxidase complex (GO:0043020)	NCAM1
NADPH oxidase complex (GO:0043020)	HLA-DQA2
NADPH oxidase complex (GO:0043020)	HLA-DQA1
NADPH oxidase complex (GO:0043020)	CD74
NADPH oxidase complex (GO:0043020)	MBTPS1

NADPH oxidase complex (GO:0043020)	HLA-DRB5
NADPH oxidase complex (GO:0043020)	HACE1
NADPH oxidase complex (GO:0043020)	NOS3
NADPH oxidase complex (GO:0043020)	CAV1
NADPH oxidase complex (GO:0043020)	B3GAT1
NADPH oxidase complex (GO:0043020)	SORL1
NADPH oxidase complex (GO:0043020)	IRGM
NADPH oxidase complex (GO:0043020)	HLA-DPB1
NADPH oxidase complex (GO:0043020)	HLA-DRA
NADPH oxidase complex (GO:0043020)	LGR6
NADPH oxidase complex (GO:0043020)	HLA-DRB1
specific granule membrane (GO:0035579)	ITGB1
specific granule membrane (GO:0035579)	FMR1
specific granule membrane (GO:0035579)	SLC1A1
specific granule membrane (GO:0035579)	FYN
specific granule membrane (GO:0035579)	MAPT
specific granule membrane (GO:0035579)	SIRT2
dendrite (GO:0030425)	SNAP25
dendrite (GO:0030425)	MTRR
dendrite (GO:0030425)	FAM107A
dendrite (GO:0030425)	HSPB1
dendrite (GO:0030425)	CLU
dendrite (GO:0030425)	ACTB
dendrite (GO:0030425)	ACTG1
dendrite (GO:0030425)	CASP8
dendrite (GO:0030425)	CDH1
dendrite (GO:0030425)	CFL1
dendrite (GO:0030425)	RAC2
dendrite (GO:0030425)	AKT1
dendrite (GO:0030425)	NOS1
dendrite (GO:0030425)	DST
dendrite (GO:0030425)	NCOA5
dendrite (GO:0030425)	DDX58
dendrite (GO:0030425)	PRKCE
dendrite (GO:0030425)	CD2AP
dendrite (GO:0030425)	ADAM17
dendrite (GO:0030425)	RARA
dendrite (GO:0030425)	FSCN1
dendrite (GO:0030425)	HAP1
dendrite (GO:0030425)	MAPT
dendrite (GO:0030425)	ARHGEF2
dendrite (GO:0030425)	S100A9

dendrite (GO:0030425)	GAPDH
dendrite (GO:0030425)	S100A8
dendrite (GO:0030425)	VCL
dendrite (GO:0030425)	PSMD10
dendrite (GO:0030425)	NOTCH3
dendrite (GO:0030425)	CD274
dendrite (GO:0030425)	DCTN1
dendrite (GO:0030425)	NR1I2
dendrite (GO:0030425)	WAS
dendrite (GO:0030425)	IQGAP1
dendrite (GO:0030425)	NOD2
dendrite (GO:0030425)	CNN3
dendrite (GO:0030425)	SPAST
dendrite (GO:0030425)	CNR1
dendrite (GO:0030425)	CXCR2
dendrite (GO:0030425)	ABL1
dendrite (GO:0030425)	S100A12
dendrite (GO:0030425)	FLNA
dendrite (GO:0030425)	MAPK1
dendrite (GO:0030425)	FLNB
dendrite (GO:0030425)	PDLIM7
dendrite (GO:0030425)	SNCA
dendrite (GO:0030425)	DMTN
dendrite (GO:0030425)	GSN
dendrite (GO:0030425)	MX1
dendrite (GO:0030425)	MSN
dendrite (GO:0030425)	MYO9B
dendrite (GO:0030425)	SELE
dendrite (GO:0030425)	LRPPRC
dendrite (GO:0030425)	WDR11
dendrite (GO:0030425)	GFAP
dendrite (GO:0030425)	TPX2
dendrite (GO:0030425)	MYO1C
dendrite (GO:0030425)	AXL
dendrite (GO:0030425)	PKN2
dendrite (GO:0030425)	P4HB
Golgi membrane (GO:0000139)	APP
Golgi membrane (GO:0000139)	TGFB1
Golgi membrane (GO:0000139)	F10
Golgi membrane (GO:0000139)	NCAN
Golgi membrane (GO:0000139)	NGF
Golgi membrane (GO:0000139)	DCN

Golgi membrane (GO:0000139)	INS
Golgi membrane (GO:0000139)	MUC1
Golgi membrane (GO:0000139)	F9
Golgi membrane (GO:0000139)	BGLAP
Golgi membrane (GO:0000139)	SDC1
Golgi membrane (GO:0000139)	SDF4
Golgi membrane (GO:0000139)	GPC5
Golgi membrane (GO:0000139)	WNT1
Golgi membrane (GO:0000139)	GAS6
Golgi membrane (GO:0000139)	FGF23
Golgi membrane (GO:0000139)	WNT3
glial cell projection (GO:0097386)	SERPINA3
glial cell projection (GO:0097386)	CD74
glial cell projection (GO:0097386)	HSP90AA1
glial cell projection (GO:0097386)	GRN
glial cell projection (GO:0097386)	ANXA2
glial cell projection (GO:0097386)	CBLIF
glial cell projection (GO:0097386)	ARG1
glial cell projection (GO:0097386)	NCAN
glial cell projection (GO:0097386)	RETN
glial cell projection (GO:0097386)	MPO
glial cell projection (GO:0097386)	UNC13D
glial cell projection (GO:0097386)	DCN
glial cell projection (GO:0097386)	C3
glial cell projection (GO:0097386)	SMPD1
glial cell projection (GO:0097386)	PADI2
glial cell projection (GO:0097386)	SDC1
glial cell projection (GO:0097386)	MAPK1
glial cell projection (GO:0097386)	GPC5
glial cell projection (GO:0097386)	HPSE
glial cell projection (GO:0097386)	PPT2
glial cell projection (GO:0097386)	AGA
glial cell projection (GO:0097386)	GC
glial cell projection (GO:0097386)	GLA
cytoskeleton (GO:0005856)	CPT1A
cytoskeleton (GO:0005856)	LRRK2
cytoskeleton (GO:0005856)	RMDN3
cytoskeleton (GO:0005856)	AMBRA1
cytoskeleton (GO:0005856)	FOXO3
cytoskeleton (GO:0005856)	QTRT1
cytoskeleton (GO:0005856)	CYP27B1
cytoskeleton (GO:0005856)	MAVS

cytoskeleton (GO:0005856)	CASP8
cytoskeleton (GO:0005856)	STING1
cytoskeleton (GO:0005856)	UBC
cytoskeleton (GO:0005856)	BCL2
cytoskeleton (GO:0005856)	TSPO
cytoskeleton (GO:0005856)	MFN2
cytoskeleton (GO:0005856)	BAX
cytoskeleton (GO:0005856)	RAF1
cytoskeleton (GO:0005856)	DNM1L
cytoskeleton (GO:0005856)	BID
cytoskeleton (GO:0005856)	BCL2L1
Golgi lumen (GO:0005796)	CD40
Golgi lumen (GO:0005796)	TRAF3
Golgi lumen (GO:0005796)	TRAF6
Golgi lumen (GO:0005796)	TRAF2
Golgi lumen (GO:0005796)	BIRC2
vacuolar lumen (GO:0005775)	GJA1
vacuolar lumen (GO:0005775)	CYP2D6
vacuolar lumen (GO:0005775)	CYP2R1
vacuolar lumen (GO:0005775)	CYP1B1
vacuolar lumen (GO:0005775)	DNM1L
vacuolar lumen (GO:0005775)	LBR
vacuolar lumen (GO:0005775)	ATP6AP2
vacuolar lumen (GO:0005775)	TAP1
vacuolar lumen (GO:0005775)	CYBB
vacuolar lumen (GO:0005775)	PLA2G4A
vacuolar lumen (GO:0005775)	CDKAL1
vacuolar lumen (GO:0005775)	HLA-A
vacuolar lumen (GO:0005775)	CYP7B1
vacuolar lumen (GO:0005775)	ERN1
vacuolar lumen (GO:0005775)	SOAT1
vacuolar lumen (GO:0005775)	CYP21A2
vacuolar lumen (GO:0005775)	CANX
vacuolar lumen (GO:0005775)	TYRO3
vacuolar lumen (GO:0005775)	TLR9
vacuolar lumen (GO:0005775)	TLR8
vacuolar lumen (GO:0005775)	TLR7
vacuolar lumen (GO:0005775)	TLR3
vacuolar lumen (GO:0005775)	CERS2
vacuolar lumen (GO:0005775)	PTGES
vacuolar lumen (GO:0005775)	NOTCH2
vacuolar lumen (GO:0005775)	NOTCH3

vacuolar lumen (GO:0005775)	PMEL
vacuolar lumen (GO:0005775)	NOTCH1
vacuolar lumen (GO:0005775)	MARCHF1
vacuolar lumen (GO:0005775)	MYRF
vacuolar lumen (GO:0005775)	NOTCH4
vacuolar lumen (GO:0005775)	TGFA
vacuolar lumen (GO:0005775)	ITPR3
vacuolar lumen (GO:0005775)	HMGCR
vacuolar lumen (GO:0005775)	PTGS2
vacuolar lumen (GO:0005775)	CYP2C19
vacuolar lumen (GO:0005775)	CYP3A4
vacuolar lumen (GO:0005775)	HSD17B7
vacuolar lumen (GO:0005775)	PLD1
vacuolar lumen (GO:0005775)	RNF5
vacuolar lumen (GO:0005775)	RTN4
vacuolar lumen (GO:0005775)	CYP17A1
vacuolar lumen (GO:0005775)	CYP2B6
vacuolar lumen (GO:0005775)	MLANA
vacuolar lumen (GO:0005775)	UBC
vacuolar lumen (GO:0005775)	ADGRG6
vacuolar lumen (GO:0005775)	HMOX1
vacuolar lumen (GO:0005775)	ABCA1
vacuolar lumen (GO:0005775)	TOR1A
vacuolar lumen (GO:0005775)	HSPA5
vacuolar lumen (GO:0005775)	CAV1
vacuolar lumen (GO:0005775)	B3GAT1
vacuolar lumen (GO:0005775)	PLA2G2A
vacuolar lumen (GO:0005775)	EIF2AK3
vacuolar lumen (GO:0005775)	SYVN1
vacuolar lumen (GO:0005775)	DHCR24
vacuolar lumen (GO:0005775)	IRGM
vacuolar lumen (GO:0005775)	PML
vacuolar lumen (GO:0005775)	VMP1
vacuolar lumen (GO:0005775)	CYP2C9
vacuolar lumen (GO:0005775)	GJB1
vacuolar lumen (GO:0005775)	STING1
vacuolar lumen (GO:0005775)	AADAC
vacuolar lumen (GO:0005775)	NOX4
vacuolar lumen (GO:0005775)	BAX
vacuolar lumen (GO:0005775)	NOX5
vacuolar lumen (GO:0005775)	DHCR7
vacuolar lumen (GO:0005775)	RAB3GAP1

mitochondrial outer membrane (GO:0005741)	NOTCH3
mitochondrial outer membrane (GO:0005741)	CD274
mitochondrial outer membrane (GO:0005741)	WAS
mitochondrial outer membrane (GO:0005741)	FAM107A
mitochondrial outer membrane (GO:0005741)	IQGAP1
mitochondrial outer membrane (GO:0005741)	AIF1
mitochondrial outer membrane (GO:0005741)	ACTB
mitochondrial outer membrane (GO:0005741)	ACTG1
mitochondrial outer membrane (GO:0005741)	CNN3
mitochondrial outer membrane (GO:0005741)	CDH1
mitochondrial outer membrane (GO:0005741)	CNR1
mitochondrial outer membrane (GO:0005741)	CFL1
mitochondrial outer membrane (GO:0005741)	RAC2
mitochondrial outer membrane (GO:0005741)	ABL1
mitochondrial outer membrane (GO:0005741)	FLOT1
mitochondrial outer membrane (GO:0005741)	FLNA
mitochondrial outer membrane (GO:0005741)	FLNB
mitochondrial outer membrane (GO:0005741)	PDLIM7
mitochondrial outer membrane (GO:0005741)	SNCA
mitochondrial outer membrane (GO:0005741)	ANXA1
mitochondrial outer membrane (GO:0005741)	DMTN
mitochondrial outer membrane (GO:0005741)	GSN
mitochondrial outer membrane (GO:0005741)	VCAM1
mitochondrial outer membrane (GO:0005741)	NCOA5
mitochondrial outer membrane (GO:0005741)	DDX58
mitochondrial outer membrane (GO:0005741)	MYO9B
mitochondrial outer membrane (GO:0005741)	CD2AP
mitochondrial outer membrane (GO:0005741)	CLDN5
mitochondrial outer membrane (GO:0005741)	ADAM17
mitochondrial outer membrane (GO:0005741)	MYO1C
mitochondrial outer membrane (GO:0005741)	ACTBL2
mitochondrial outer membrane (GO:0005741)	AXL
mitochondrial outer membrane (GO:0005741)	RARA
mitochondrial outer membrane (GO:0005741)	FSCN1
mitochondrial outer membrane (GO:0005741)	ACKR2
mitochondrial outer membrane (GO:0005741)	HAP1
CD40 receptor complex (GO:0035631)	APP
CD40 receptor complex (GO:0035631)	SERPINA1
CD40 receptor complex (GO:0035631)	CTSZ
CD40 receptor complex (GO:0035631)	IL27
CD40 receptor complex (GO:0035631)	MYDGF
CD40 receptor complex (GO:0035631)	SHH

CD40 receptor complex (GO:0035631)	LGALS1
CD40 receptor complex (GO:0035631)	IL12B
CD40 receptor complex (GO:0035631)	IL12A
CD40 receptor complex (GO:0035631)	TIMP1
CD40 receptor complex (GO:0035631)	B2M
CD40 receptor complex (GO:0035631)	CHGB
CD40 receptor complex (GO:0035631)	IGFBP1
CD40 receptor complex (GO:0035631)	AHSG
CD40 receptor complex (GO:0035631)	IGFBP3
CD40 receptor complex (GO:0035631)	APOA1
CD40 receptor complex (GO:0035631)	ACE2
CD40 receptor complex (GO:0035631)	ADAM17
CD40 receptor complex (GO:0035631)	F9
CD40 receptor complex (GO:0035631)	IL23A
CD40 receptor complex (GO:0035631)	CANX
CD40 receptor complex (GO:0035631)	MZB1
CD40 receptor complex (GO:0035631)	SPARCL1
CD40 receptor complex (GO:0035631)	SERPING1
CD40 receptor complex (GO:0035631)	FAM20C
CD40 receptor complex (GO:0035631)	GAS6
CD40 receptor complex (GO:0035631)	H6PD
CD40 receptor complex (GO:0035631)	EBI3
CD40 receptor complex (GO:0035631)	COL11A2
CD40 receptor complex (GO:0035631)	AFP
CD40 receptor complex (GO:0035631)	CFP
CD40 receptor complex (GO:0035631)	PTGS2
CD40 receptor complex (GO:0035631)	THBS1
CD40 receptor complex (GO:0035631)	KNG1
CD40 receptor complex (GO:0035631)	INS
CD40 receptor complex (GO:0035631)	C3
CD40 receptor complex (GO:0035631)	CST3
CD40 receptor complex (GO:0035631)	GANAB
CD40 receptor complex (GO:0035631)	ADAMTS13
CD40 receptor complex (GO:0035631)	BGLAP
CD40 receptor complex (GO:0035631)	SPP1
CD40 receptor complex (GO:0035631)	MAPK1
CD40 receptor complex (GO:0035631)	ARSF
CD40 receptor complex (GO:0035631)	APOE
CD40 receptor complex (GO:0035631)	WNT1
CD40 receptor complex (GO:0035631)	FGF23
CD40 receptor complex (GO:0035631)	WNT3
CD40 receptor complex (GO:0035631)	MBTPS1

CD40 receptor complex (GO:0035631)	TOR1A
CD40 receptor complex (GO:0035631)	F10
CD40 receptor complex (GO:0035631)	HSPA5
CD40 receptor complex (GO:0035631)	FN1
CD40 receptor complex (GO:0035631)	GCG
CD40 receptor complex (GO:0035631)	CP
CD40 receptor complex (GO:0035631)	BMP4
CD40 receptor complex (GO:0035631)	IL6
CD40 receptor complex (GO:0035631)	ALB
CD40 receptor complex (GO:0035631)	P4HB
endoplasmic reticulum membrane (GO:0005789)	IRS1
endoplasmic reticulum membrane (GO:0005789)	INSRR
endoplasmic reticulum membrane (GO:0005789)	MAP3K5
endoplasmic reticulum membrane (GO:0005789)	IGF1R
actin cytoskeleton (GO:0015629)	PON1
actin cytoskeleton (GO:0015629)	APOC1
actin cytoskeleton (GO:0015629)	APOA1
actin cytoskeleton (GO:0015629)	APOE
actin cytoskeleton (GO:0015629)	CLU
actin cytoskeleton (GO:0015629)	PLA2G7
protein kinase complex (GO:1902911)	SYT1
protein kinase complex (GO:1902911)	GAD1
protein kinase complex (GO:1902911)	GAD2
protein kinase complex (GO:1902911)	VAMP2
high-density lipoprotein particle (GO:0034364)	SYT1
high-density lipoprotein particle (GO:0034364)	GAD1
high-density lipoprotein particle (GO:0034364)	GAD2
high-density lipoprotein particle (GO:0034364)	VAMP2
clathrin-sculpted gamma-aminobutyric acid transport ve APP	
clathrin-sculpted gamma-aminobutyric acid transport ve CD74	
clathrin-sculpted gamma-aminobutyric acid transport ve HLA-DRB5	
clathrin-sculpted gamma-aminobutyric acid transport ve MARCHF1	
clathrin-sculpted gamma-aminobutyric acid transport ve RABEPK	
clathrin-sculpted gamma-aminobutyric acid transport ve VPS51	
clathrin-sculpted gamma-aminobutyric acid transport ve HLA-DPB1	
clathrin-sculpted gamma-aminobutyric acid transport ve HLA-DRA	
clathrin-sculpted gamma-aminobutyric acid transport ve LGR6	
clathrin-sculpted gamma-aminobutyric acid transport ve HLA-DQA2	
clathrin-sculpted gamma-aminobutyric acid transport ve HLA-DQA1	
clathrin-sculpted gamma-aminobutyric acid transport ve HLA-DRB1	
clathrin-sculpted gamma-aminobutyric acid transport ve HLA-DQB2	
clathrin-sculpted gamma-aminobutyric acid transport ve HLA-DPA1	

clathrin-sculpted gamma-aminobutyric acid transport ve HLA-DQB1	
clathrin-sculpted gamma-aminobutyric acid transport ve HSP90AA1	
clathrin-sculpted gamma-aminobutyric acid transport ve HP	
clathrin-sculpted gamma-aminobutyric acid transport ve HBB	
clathrin-sculpted gamma-aminobutyric acid transport ve APOA1	
clathrin-sculpted gamma-aminobutyric acid transport ve APOE	
clathrin-sculpted gamma-aminobutyric acid transport ve MPO	
trans-Golgi network membrane (GO:0032588)	PTPRC
trans-Golgi network membrane (GO:0032588)	TH
trans-Golgi network membrane (GO:0032588)	CDH1
trans-Golgi network membrane (GO:0032588)	TRAF3
trans-Golgi network membrane (GO:0032588)	TRAF6
trans-Golgi network membrane (GO:0032588)	PTPN22
trans-Golgi network membrane (GO:0032588)	TRAF2
trans-Golgi network membrane (GO:0032588)	TRAF1
trans-Golgi network membrane (GO:0032588)	GEM
trans-Golgi network membrane (GO:0032588)	BIRC2
endocytic vesicle lumen (GO:0071682)	P2RX7
endocytic vesicle lumen (GO:0071682)	PANX1
endocytic vesicle lumen (GO:0071682)	PTPRC
cytoplasmic side of plasma membrane (GO:0009898)	CDH1
cytoplasmic side of plasma membrane (GO:0009898)	FLOT1
cytoplasmic side of plasma membrane (GO:0009898)	SLC6A3
bleb (GO:0032059)	EPHA4
bleb (GO:0032059)	CD274
bleb (GO:0032059)	ANXA1
bleb (GO:0032059)	MARCHF1
bleb (GO:0032059)	CAV1
bleb (GO:0032059)	SPHK1
bleb (GO:0032059)	HLA-B
bleb (GO:0032059)	HLA-C
bleb (GO:0032059)	HLA-A
bleb (GO:0032059)	HLA-F
bleb (GO:0032059)	HLA-G
bleb (GO:0032059)	EGFR
bleb (GO:0032059)	FCGR1A
bleb (GO:0032059)	B2M
flotillin complex (GO:0016600)	ITGB1
flotillin complex (GO:0016600)	ICA1
flotillin complex (GO:0016600)	SLC2A4
flotillin complex (GO:0016600)	ANTXR2
flotillin complex (GO:0016600)	LGALS3

flotillin complex (GO:0016600)	GJA1
flotillin complex (GO:0016600)	FCGR3B
flotillin complex (GO:0016600)	ANPEP
flotillin complex (GO:0016600)	ITGAX
flotillin complex (GO:0016600)	KIF1B
flotillin complex (GO:0016600)	MAP3K7
flotillin complex (GO:0016600)	HLA-DPA1
flotillin complex (GO:0016600)	CD177
flotillin complex (GO:0016600)	ATP6AP2
flotillin complex (GO:0016600)	HLA-B
flotillin complex (GO:0016600)	HLA-C
flotillin complex (GO:0016600)	ACE2
flotillin complex (GO:0016600)	TYROBP
flotillin complex (GO:0016600)	TRAF6
flotillin complex (GO:0016600)	TLR9
flotillin complex (GO:0016600)	PECAM1
flotillin complex (GO:0016600)	TLR8
flotillin complex (GO:0016600)	TLR7
flotillin complex (GO:0016600)	TLR4
flotillin complex (GO:0016600)	ABCG4
flotillin complex (GO:0016600)	VAMP2
flotillin complex (GO:0016600)	TLR3
flotillin complex (GO:0016600)	HLA-DQB2
flotillin complex (GO:0016600)	CD44
flotillin complex (GO:0016600)	TLR2
flotillin complex (GO:0016600)	HLA-DQB1
flotillin complex (GO:0016600)	GRIA2
flotillin complex (GO:0016600)	LRP1
flotillin complex (GO:0016600)	PTAFR
flotillin complex (GO:0016600)	ITPR3
flotillin complex (GO:0016600)	IQGAP1
flotillin complex (GO:0016600)	ADRB2
flotillin complex (GO:0016600)	EGFR
flotillin complex (GO:0016600)	TRPM2
flotillin complex (GO:0016600)	RAP1A
flotillin complex (GO:0016600)	CXCR1
flotillin complex (GO:0016600)	IRAK1
flotillin complex (GO:0016600)	CXCR2
flotillin complex (GO:0016600)	UBC
flotillin complex (GO:0016600)	RIPK1
flotillin complex (GO:0016600)	CD14
flotillin complex (GO:0016600)	WNT1

flotillin complex (GO:0016600)	HLA-DQA2
flotillin complex (GO:0016600)	LDLR
flotillin complex (GO:0016600)	HLA-DQA1
flotillin complex (GO:0016600)	WNT3
flotillin complex (GO:0016600)	CD74
flotillin complex (GO:0016600)	HLA-DRB5
flotillin complex (GO:0016600)	CD163
flotillin complex (GO:0016600)	TOR1A
flotillin complex (GO:0016600)	SORT1
flotillin complex (GO:0016600)	NOS3
flotillin complex (GO:0016600)	CAV1
flotillin complex (GO:0016600)	SORL1
flotillin complex (GO:0016600)	PTPRC
flotillin complex (GO:0016600)	FCGR2A
flotillin complex (GO:0016600)	STING1
flotillin complex (GO:0016600)	P2RX1
flotillin complex (GO:0016600)	HLA-DPB1
flotillin complex (GO:0016600)	HLA-DRA
flotillin complex (GO:0016600)	HLA-DRB1
flotillin complex (GO:0016600)	MYD88
early endosome membrane (GO:0031901)	TLR9
early endosome membrane (GO:0031901)	TLR8
early endosome membrane (GO:0031901)	TLR7
early endosome membrane (GO:0031901)	LDLR
early endosome membrane (GO:0031901)	TLR3
endolysosome membrane (GO:0036020)	PMEL
endolysosome membrane (GO:0036020)	HLA-DMA
endolysosome membrane (GO:0036020)	HLA-DRB5
endolysosome membrane (GO:0036020)	MARCHF1
endolysosome membrane (GO:0036020)	HLA-DMB
endolysosome membrane (GO:0036020)	ANXA2
endolysosome membrane (GO:0036020)	SLC11A1
endolysosome membrane (GO:0036020)	SLC9A9
endolysosome membrane (GO:0036020)	HLA-DRA
endolysosome membrane (GO:0036020)	CD68
endolysosome membrane (GO:0036020)	HLA-DRB1
late endosome membrane (GO:0031902)	HLA-DRB5
late endosome membrane (GO:0031902)	GRN
late endosome membrane (GO:0031902)	MARCHF1
late endosome membrane (GO:0031902)	ANXA2
late endosome membrane (GO:0031902)	SLC11A1
late endosome membrane (GO:0031902)	F2R

late endosome membrane (GO:0031902)	CXCR4
late endosome membrane (GO:0031902)	SORL1
late endosome membrane (GO:0031902)	BST2
late endosome membrane (GO:0031902)	HLA-DMA
late endosome membrane (GO:0031902)	RAP1A
late endosome membrane (GO:0031902)	HLA-DMB
late endosome membrane (GO:0031902)	SLC9A9
late endosome membrane (GO:0031902)	IL12B
late endosome membrane (GO:0031902)	HLA-DRA
late endosome membrane (GO:0031902)	SDF4
late endosome membrane (GO:0031902)	MAPK1
late endosome membrane (GO:0031902)	IL12A
late endosome membrane (GO:0031902)	SIGLEC1
late endosome membrane (GO:0031902)	CD68
late endosome membrane (GO:0031902)	LDLR
late endosome membrane (GO:0031902)	HLA-DRB1
late endosome (GO:0005770)	SMPD1
late endosome (GO:0005770)	TLR9
late endosome (GO:0005770)	TLR8
late endosome (GO:0005770)	TLR7
late endosome (GO:0005770)	LDLR
late endosome (GO:0005770)	TLR3
endolysosome (GO:0036019)	APP
endolysosome (GO:0036019)	ALOX5
endolysosome (GO:0036019)	SORL1
nuclear envelope lumen (GO:0005641)	ANXA1
nuclear envelope lumen (GO:0005641)	DMTN
nuclear envelope lumen (GO:0005641)	ACTBL2
nuclear envelope lumen (GO:0005641)	RAC2
nuclear envelope lumen (GO:0005641)	WAS
nuclear envelope lumen (GO:0005641)	MYO9B
nuclear envelope lumen (GO:0005641)	ACKR2
nuclear envelope lumen (GO:0005641)	IQGAP1
nuclear envelope lumen (GO:0005641)	AIF1
nuclear envelope lumen (GO:0005641)	ACTB
nuclear envelope lumen (GO:0005641)	ACTG1
actin filament (GO:0005884)	SLC16A1
actin filament (GO:0005884)	ANXA2
actin filament (GO:0005884)	LRP1
actin filament (GO:0005884)	SLC40A1
actin filament (GO:0005884)	TGFA
actin filament (GO:0005884)	AQP4

actin filament (GO:0005884)	NOD2
actin filament (GO:0005884)	EGFR
actin filament (GO:0005884)	ERBB3
actin filament (GO:0005884)	CEACAM5
actin filament (GO:0005884)	FLOT1
actin filament (GO:0005884)	TLR9
actin filament (GO:0005884)	CTNNB1
actin filament (GO:0005884)	SLC16A3
actin filament (GO:0005884)	LDLR
actin filament (GO:0005884)	NAIP
actin filament (GO:0005884)	SLC19A1
actin filament (GO:0005884)	CD44
basolateral plasma membrane (GO:0016323)	CD74
basolateral plasma membrane (GO:0016323)	HSP90AA1
basolateral plasma membrane (GO:0016323)	CBLIF
basolateral plasma membrane (GO:0016323)	NCAN
basolateral plasma membrane (GO:0016323)	SMPD1
basolateral plasma membrane (GO:0016323)	SDC1
basolateral plasma membrane (GO:0016323)	GPC5
basolateral plasma membrane (GO:0016323)	HPSE
basolateral plasma membrane (GO:0016323)	PPT2
basolateral plasma membrane (GO:0016323)	GC
basolateral plasma membrane (GO:0016323)	GLA
basolateral plasma membrane (GO:0016323)	DCN
lysosomal lumen (GO:0043202)	WWOX
lysosomal lumen (GO:0043202)	TGFB1
lysosomal lumen (GO:0043202)	VCAM1
lysosomal lumen (GO:0043202)	MYO1C
lysosomal lumen (GO:0043202)	CBLIF
lysosomal lumen (GO:0043202)	LRRK2
lysosomal lumen (GO:0043202)	FSCN1
lysosomal lumen (GO:0043202)	MSN
lysosomal lumen (GO:0043202)	CD44
microvillus (GO:0005902)	DCTN1
microvillus (GO:0005902)	RMDN3
microvillus (GO:0005902)	XIAP
microvillus (GO:0005902)	RMDN2
microvillus (GO:0005902)	IQGAP1
microvillus (GO:0005902)	RMDN1
microvillus (GO:0005902)	SIRT2
microvillus (GO:0005902)	LRPPRC
microvillus (GO:0005902)	TPX2

microvillus (GO:0005902)	APC
microvillus (GO:0005902)	KIF5A
microvillus (GO:0005902)	CALM3
microvillus (GO:0005902)	KIF1B
microvillus (GO:0005902)	MAPT
microvillus (GO:0005902)	ARHGEF2
microvillus (GO:0005902)	CALM1
microvillus (GO:0005902)	DNM1L
microvillus (GO:0005902)	CALM2
microvillus (GO:0005902)	SYBU
microvillus (GO:0005902)	GAS8
microtubule (GO:0005874)	CD74
microtubule (GO:0005874)	HLA-DRB5
microtubule (GO:0005874)	HLA-B
microtubule (GO:0005874)	HLA-C
microtubule (GO:0005874)	HLA-A
microtubule (GO:0005874)	HLA-F
microtubule (GO:0005874)	HLA-G
microtubule (GO:0005874)	CANX
microtubule (GO:0005874)	HLA-DPB1
microtubule (GO:0005874)	HLA-DRA
microtubule (GO:0005874)	HLA-DQA2
microtubule (GO:0005874)	HLA-DQA1
microtubule (GO:0005874)	HLA-DQB2
microtubule (GO:0005874)	HLA-DRB1
microtubule (GO:0005874)	HLA-DPA1
microtubule (GO:0005874)	HLA-DQB1
azurophil granule lumen (GO:0035578)	C3
azurophil granule lumen (GO:0035578)	SERPINA3
azurophil granule lumen (GO:0035578)	GRN
azurophil granule lumen (GO:0035578)	ANXA2
azurophil granule lumen (GO:0035578)	ARG1
azurophil granule lumen (GO:0035578)	PADI2
azurophil granule lumen (GO:0035578)	MAPK1
azurophil granule lumen (GO:0035578)	RETN
azurophil granule lumen (GO:0035578)	AGA
azurophil granule lumen (GO:0035578)	MPO
azurophil granule lumen (GO:0035578)	GLA
azurophil granule lumen (GO:0035578)	UNC13D
polymeric cytoskeletal fiber (GO:0099513)	DCTN1
polymeric cytoskeletal fiber (GO:0099513)	WAS
polymeric cytoskeletal fiber (GO:0099513)	SLC1A4

polymeric cytoskeletal fiber (GO:0099513)	IQGAP1
polymeric cytoskeletal fiber (GO:0099513)	KRT20
polymeric cytoskeletal fiber (GO:0099513)	AIF1
polymeric cytoskeletal fiber (GO:0099513)	ACTB
polymeric cytoskeletal fiber (GO:0099513)	ACTG1
polymeric cytoskeletal fiber (GO:0099513)	KIF5A
polymeric cytoskeletal fiber (GO:0099513)	RAC2
polymeric cytoskeletal fiber (GO:0099513)	KIF1B
polymeric cytoskeletal fiber (GO:0099513)	DNM1L
polymeric cytoskeletal fiber (GO:0099513)	SYBU
polymeric cytoskeletal fiber (GO:0099513)	ANXA1
polymeric cytoskeletal fiber (GO:0099513)	DMTN
polymeric cytoskeletal fiber (GO:0099513)	DST
polymeric cytoskeletal fiber (GO:0099513)	MYO9B
polymeric cytoskeletal fiber (GO:0099513)	SIRT2
polymeric cytoskeletal fiber (GO:0099513)	LRPPRC
polymeric cytoskeletal fiber (GO:0099513)	ACTBL2
polymeric cytoskeletal fiber (GO:0099513)	APC
polymeric cytoskeletal fiber (GO:0099513)	ACKR2
polymeric cytoskeletal fiber (GO:0099513)	MAPT
polymeric cytoskeletal fiber (GO:0099513)	ARHGEF2
polymeric cytoskeletal fiber (GO:0099513)	HLA-DRB1
polymeric cytoskeletal fiber (GO:0099513)	GAS8
death-inducing signaling complex (GO:0031264)	CASP8
death-inducing signaling complex (GO:0031264)	FAS
death-inducing signaling complex (GO:0031264)	RIPK1
neuron to neuron synapse (GO:0098984)	GRIA2
neuron to neuron synapse (GO:0098984)	GRM7
neuron to neuron synapse (GO:0098984)	SLC1A1
spherical high-density lipoprotein particle (GO:0034366)	PON1
spherical high-density lipoprotein particle (GO:0034366)	APOA1
spherical high-density lipoprotein particle (GO:0034366)	CLU

Column2
kinase binding (GO:0019900)
kinase binding (GO:0019900)
protein kinase binding (GO:0019901)
protein kinase binding (GO:0019901)
RNA polymerase II-specific DNA-binding transcription factor binding (GO:0061 3
tau protein binding (GO:0048156)

Column1	Column1
ACTB	1
ACTBL2	1
ACTB	1
ACTBL2	1
ACTB	1
ACTB	1

Column2	Column1	Column1
Cytokine-cytokin	IL1RN	1
Cytokine-cytokin	TNFRSF6B	1
Cytokine-cytokin	IL23R	1
Cytokine-cytokin	ICAM1	1
Cytokine-cytokin	SOX2	1
Cytokine-cytokin	MT2A	1
Cytokine-cytokin	PSMD7	1
Cytokine-cytokin	PSMD4	1
Cytokine-cytokin	MYC	1
Cytokine-cytokin	AKT1	1
Cytokine-cytokin	TNFSF11	1
Cytokine-cytokin	IL12B	1
Cytokine-cytokin	IL12A	1
Cytokine-cytokin	B2M	1
Cytokine-cytokin	HLA-B	1
Cytokine-cytokin	TALDO1	1
Cytokine-cytokin	HLA-C	1
Cytokine-cytokin	MIF	1
Cytokine-cytokin	HLA-A	1
Cytokine-cytokin	HLA-F	1
Cytokine-cytokin	HLA-G	1
Cytokine-cytokin	IL23A	1
Cytokine-cytokin	TP53	1
Cytokine-cytokin	STX1A	1
Cytokine-cytokin	CTR9	1
Cytokine-cytokin	EBI3	1
Cytokine-cytokin	GATA3	1
Cytokine-cytokin	HIF1A	1
Cytokine-cytokin	IL22RA2	1
Cytokine-cytokin	HMOX1	1
Cytokine-cytokin	HLA-DQA2	1
Cytokine-cytokin	HLA-DQA1	1
Cytokine-cytokin	STAT5A	1
Cytokine-cytokin	CCR1	1
Cytokine-cytokin	STAT5B	1
Cytokine-cytokin	EGR1	1
Cytokine-cytokin	HLA-DRB5	1
Cytokine-cytokin	TSLP	1
Cytokine-cytokin	TNFSF14	1
Cytokine-cytokin	TNFSF15	1
Cytokine-cytokin	TNFSF12	1

Cytokine-cytokin TNFSF13	1
Cytokine-cytokin FN1	1
Cytokine-cytokin LIF	1
Cytokine-cytokin BST2	1
Cytokine-cytokin TNFSF9	1
Cytokine-cytokin SDC1	1
Cytokine-cytokin CD27	1
Cytokine-cytokin HLA-DRB1	1
Cytokine-cytokin IL21	1
Cytokine-cytokin IL22	1
Cytokine-cytokin CD40	1
Cytokine-cytokin IFNA1	1
Cytokine-cytokin IL25	1
Cytokine-cytokin IFNA2	1
Cytokine-cytokin IL27	1
Cytokine-cytokin TNFRSF13C	1
Cytokine-cytokin CX3CL1	1
Cytokine-cytokin IL18BP	1
Cytokine-cytokin TIMP1	1
Cytokine-cytokin JAK2	1
Cytokine-cytokin CCR5	1
Cytokine-cytokin JAK3	1
Cytokine-cytokin HLA-DPA1	1
Cytokine-cytokin JAK1	1
Cytokine-cytokin CCR2	1
Cytokine-cytokin IL10	1
Cytokine-cytokin IL11	1
Cytokine-cytokin ANXA1	1
Cytokine-cytokin SERPINB2	1
Cytokine-cytokin ANXA2	1
Cytokine-cytokin TNFRSF12A	1
Cytokine-cytokin IFNGR1	1
Cytokine-cytokin GSTO1	1
Cytokine-cytokin IL15	1
Cytokine-cytokin IL13	1
Cytokine-cytokin IL18	1
Cytokine-cytokin IL16	1
Cytokine-cytokin FOS	1
Cytokine-cytokin SIRT1	1
Cytokine-cytokin IL17RC	1
Cytokine-cytokin IL17RA	1
Cytokine-cytokin IL1A	1

Cytokine-cytokin CEACAM1	1
Cytokine-cytokin ZEB1	1
Cytokine-cytokin IL1B	1
Cytokine-cytokin CANX	1
Cytokine-cytokin HLA-DQB2	1
Cytokine-cytokin CD44	1
Cytokine-cytokin HLA-DQB1	1
Cytokine-cytokin CCL13	1
Cytokine-cytokin RNASEL	1
Cytokine-cytokin FOXC1	1
Cytokine-cytokin CCL11	1
Cytokine-cytokin PTAFR	1
Cytokine-cytokin PTGS2	1
Cytokine-cytokin RELA	1
Cytokine-cytokin PSMB6	1
Cytokine-cytokin DUOX1	1
Cytokine-cytokin ALOX5	1
Cytokine-cytokin CXCR2	1
Cytokine-cytokin STAT4	1
Cytokine-cytokin STAT6	1
Cytokine-cytokin CCL19	1
Cytokine-cytokin CCL18	1
Cytokine-cytokin CCL17	1
Cytokine-cytokin DUOX2	1
Cytokine-cytokin IL32	1
Cytokine-cytokin IL33	1
Cytokine-cytokin CCL22	1
Cytokine-cytokin IL31	1
Cytokine-cytokin CCL21	1
Cytokine-cytokin CCL20	1
Cytokine-cytokin IL10RB	1
Cytokine-cytokin STAT1	1
Cytokine-cytokin IL37	1
Cytokine-cytokin IFNB1	1
Cytokine-cytokin IL10RA	1
Cytokine-cytokin STAT3	1
Cytokine-cytokin OSM	1
Cytokine-cytokin PSMB8	1
Cytokine-cytokin PSMB9	1
Cytokine-cytokin VEGFA	1
Cytokine-cytokin CD40LG	1
Cytokine-cytokin HLA-DPB1	1

Cytokine-cytokin IL17F	1
Cytokine-cytokin IL17C	1
Cytokine-cytokin IL18R1	1
Cytokine-cytokin IL17A	1
Cytokine-cytokin CD86	1
Cytokine-cytokin CSF3	1
Cytokine-cytokin CSF2	1
Cytokine-cytokin EPO	1
Cytokine-cytokin IRS1	1
Cytokine-cytokin CD80	1
Cytokine-cytokin IL5RA	1
Cytokine-cytokin RORA	1
Cytokine-cytokin CXCL13	1
Cytokine-cytokin TNF	1
Cytokine-cytokin CCND1	1
Cytokine-cytokin GRAP2	1
Cytokine-cytokin CFL1	1
Cytokine-cytokin LEPR	1
Cytokine-cytokin MAP3K7	1
Cytokine-cytokin TNFRSF4	1
Cytokine-cytokin IL6R	1
Cytokine-cytokin IFNAR2	1
Cytokine-cytokin IL4R	1
Cytokine-cytokin CISH	1
Cytokine-cytokin IFNA17	1
Cytokine-cytokin HGF	1
Cytokine-cytokin PRLR	1
Cytokine-cytokin ADAM17	1
Cytokine-cytokin FSCN1	1
Cytokine-cytokin IL6ST	1
Cytokine-cytokin IFNAR1	1
Cytokine-cytokin PSMD10	1
Cytokine-cytokin CSF1R	1
Cytokine-cytokin PSMD12	1
Cytokine-cytokin ALOX15	1
Cytokine-cytokin TNFRSF11B	1
Cytokine-cytokin TNFRSF11A	1
Cytokine-cytokin FOXO3	1
Cytokine-cytokin SOCS3	1
Cytokine-cytokin SOCS1	1
Cytokine-cytokin IRAK1	1
Cytokine-cytokin UBC	1

Cytokine-cytokin TNFRSF17	1
Cytokine-cytokin TNFRSF14	1
Cytokine-cytokin RIPK1	1
Cytokine-cytokin SMAD4	1
Cytokine-cytokin TGFB1	1
Cytokine-cytokin VCAM1	1
Cytokine-cytokin TNFRSF9	1
Cytokine-cytokin MSN	1
Cytokine-cytokin NFKB1	1
Cytokine-cytokin IL2	1
Cytokine-cytokin ISG20	1
Cytokine-cytokin IL4	1
Cytokine-cytokin NFKBIA	1
Cytokine-cytokin CXCL10	1
Cytokine-cytokin IL3	1
Cytokine-cytokin CXCL11	1
Cytokine-cytokin IL6	1
Cytokine-cytokin CXCL12	1
Cytokine-cytokin IL5	1
Cytokine-cytokin IL7	1
Cytokine-cytokin IL9	1
Cytokine-cytokin LCN2	1
Cytokine-cytokin BCL2	1
Cytokine-cytokin HLA-DRA	1
Cytokine-cytokin XAF1	1
Cytokine-cytokin IL7R	1
Cytokine-cytokin MYD88	1
Cytokine-cytokin BCL2L1	1
Cytokine-cytokin ITGB1	1
Cytokine-cytokin CIITA	1
Cytokine-cytokin CXCL9	1
Cytokine-cytokin ITGAM	1
Cytokine-cytokin CXCL8	1
Cytokine-cytokin ITGB2	1
Cytokine-cytokin PIK3CD	1
Cytokine-cytokin FASLG	1
Cytokine-cytokin CXCL1	1
Cytokine-cytokin PIK3CB	1
Cytokine-cytokin CXCL2	1
Cytokine-cytokin CXCL5	1
Cytokine-cytokin TNFSF13B	1
Cytokine-cytokin LMNB1	1

Cytokine-cytokin CASP3	1
Cytokine-cytokin ITGAX	1
Cytokine-cytokin CASP1	1
Cytokine-cytokin LBP	1
Cytokine-cytokin HSP90AA1	1
Cytokine-cytokin MMP1	1
Cytokine-cytokin MMP2	1
Cytokine-cytokin MMP3	1
Cytokine-cytokin TRAF2	1
Cytokine-cytokin TRAF1	1
Cytokine-cytokin TNFRSF1B	1
Cytokine-cytokin MMP9	1
Cytokine-cytokin YWHAZ	1
Cytokine-cytokin TNFRSF1A	1
Cytokine-cytokin AIM2	1
Cytokine-cytokin PIK3CA	1
Cytokine-cytokin OAS1	1
Cytokine-cytokin IFNG	1
Cytokine-cytokin TRAF3	1
Cytokine-cytokin TRAF6	1
Cytokine-cytokin IRF1	1
Cytokine-cytokin LTA	1
Cytokine-cytokin IRF8	1
Cytokine-cytokin TNFRSF25	1
Cytokine-cytokin IRF5	1
Cytokine-cytokin IRF6	1
Cytokine-cytokin CRK	1
Cytokine-cytokin BIRC2	1
Cytokine-cytokin BIRC3	1
Cytokine-cytokin NOD2	1
Cytokine-cytokin MUC1	1
Cytokine-cytokin CCL7	1
Cytokine-cytokin CCL5	1
Cytokine-cytokin CCL4	1
Cytokine-cytokin CCL3	1
Cytokine-cytokin IL21R	1
Cytokine-cytokin S1PR1	1
Cytokine-cytokin CCL2	1
Cytokine-cytokin CCL1	1
Cytokine-cytokin FYN	1
Cytokine-cytokin NCAM1	1
Cytokine-cytokin FCGR1A	1

Cytokine-cytokin	SH2B3	1
Cytokine-cytokin	IFNL3	1
Cytokine-cytokin	NOS2	1
Cytokine-cytokin	MX1	1
Cytokine-cytokin	PTPN11	1
Cytokine-cytokin	SOD2	1
Cytokine-cytokin	PML	1
Cytokine-cytokin	SOD1	1
Cytokine-cytokin	POMC	1
Cytokine-cytokin	IL2RA	1
Cytokine-cytokin	LEP	1
Cytokine-cytokin	IL2RB	1
Cytokine-cytokin	ACKR3	1
Cytokine-cytokin	PTPN6	1
Cytokine-cytokin	P4HB	1
Leishmaniasis	ITGB1	1
Leishmaniasis	ITGAM	1
Leishmaniasis	NCF1	1
Leishmaniasis	ITGB2	1
Leishmaniasis	TNF	1
Leishmaniasis	FCGR3A	1
Leishmaniasis	FCGR3B	1
Leishmaniasis	IL12B	1
Leishmaniasis	IL12A	1
Leishmaniasis	HLA-DOA	1
Leishmaniasis	JAK2	1
Leishmaniasis	MAP3K7	1
Leishmaniasis	HLA-DPA1	1
Leishmaniasis	JAK1	1
Leishmaniasis	IL10	1
Leishmaniasis	ITGA4	1
Leishmaniasis	IFNGR1	1
Leishmaniasis	PRKCB	1
Leishmaniasis	CYBB	1
Leishmaniasis	FOS	1
Leishmaniasis	IL1A	1
Leishmaniasis	IFNG	1
Leishmaniasis	IL1B	1
Leishmaniasis	TRAF6	1
Leishmaniasis	TLR4	1
Leishmaniasis	TLR2	1
Leishmaniasis	HLA-DQB1	1

Leishmaniasis	PTGS2	1
Leishmaniasis	RELA	1
Leishmaniasis	C3	1
Leishmaniasis	HLA-DMA	1
Leishmaniasis	HLA-DMB	1
Leishmaniasis	IRAK1	1
Leishmaniasis	MAPK1	1
Leishmaniasis	FCGR1A	1
Leishmaniasis	HLA-DQA2	1
Leishmaniasis	HLA-DQA1	1
Leishmaniasis	TGFB2	1
Leishmaniasis	HLA-DRB5	1
Leishmaniasis	TGFB1	1
Leishmaniasis	NOS2	1
Leishmaniasis	TGFB3	1
Leishmaniasis	STAT1	1
Leishmaniasis	MAPK14	1
Leishmaniasis	NFKB1	1
Leishmaniasis	IL4	1
Leishmaniasis	NFKBIA	1
Leishmaniasis	FCGR2A	1
Leishmaniasis	HLA-DPB1	1
Leishmaniasis	HLA-DRA	1
Leishmaniasis	PTPN6	1
Leishmaniasis	MYD88	1
Leishmaniasis	HLA-DRB1	1
Epstein-Barr viru	CD40	1
Epstein-Barr viru	IFNA1	1
Epstein-Barr viru	IFNA2	1
Epstein-Barr viru	TNFAIP3	1
Epstein-Barr viru	PIK3CD	1
Epstein-Barr viru	PIK3CB	1
Epstein-Barr viru	RBPJ	1
Epstein-Barr viru	ITGAL	1
Epstein-Barr viru	TNF	1
Epstein-Barr viru	ICAM1	1
Epstein-Barr viru	CASP9	1
Epstein-Barr viru	PSMD7	1
Epstein-Barr viru	CASP8	1
Epstein-Barr viru	PSMD4	1
Epstein-Barr viru	CCND1	1
Epstein-Barr viru	MYC	1

Epstein-Barr viru CASP3	1
Epstein-Barr viru AKT1	1
Epstein-Barr viru HLA-DOA	1
Epstein-Barr viru B2M	1
Epstein-Barr viru JAK3	1
Epstein-Barr viru MAP3K7	1
Epstein-Barr viru HLA-DPA1	1
Epstein-Barr viru JAK1	1
Epstein-Barr viru IFNAR2	1
Epstein-Barr viru ENTPD1	1
Epstein-Barr viru IFNA13	1
Epstein-Barr viru DDX58	1
Epstein-Barr viru IFNA17	1
Epstein-Barr viru HLA-B	1
Epstein-Barr viru HLA-C	1
Epstein-Barr viru TAP1	1
Epstein-Barr viru TRAF2	1
Epstein-Barr viru HLA-A	1
Epstein-Barr viru HLA-F	1
Epstein-Barr viru HLA-G	1
Epstein-Barr viru OAS1	1
Epstein-Barr viru PIK3CA	1
Epstein-Barr viru TRAF3	1
Epstein-Barr viru TRAF6	1
Epstein-Barr viru BTK	1
Epstein-Barr viru TP53	1
Epstein-Barr viru CD44	1
Epstein-Barr viru TLR2	1
Epstein-Barr viru HLA-DQB1	1
Epstein-Barr viru IFNAR1	1
Epstein-Barr viru PSMD12	1
Epstein-Barr viru HDAC1	1
Epstein-Barr viru PIK3R3	1
Epstein-Barr viru RELA	1
Epstein-Barr viru RELB	1
Epstein-Barr viru HLA-DMA	1
Epstein-Barr viru MAPK8	1
Epstein-Barr viru HLA-DMB	1
Epstein-Barr viru IRAK1	1
Epstein-Barr viru CD19	1
Epstein-Barr viru RIPK1	1
Epstein-Barr viru BID	1

Epstein-Barr viru HLA-DQA2	1
Epstein-Barr viru HLA-DQA1	1
Epstein-Barr viru HLA-DRB5	1
Epstein-Barr viru STAT1	1
Epstein-Barr viru IFNB1	1
Epstein-Barr viru STAT3	1
Epstein-Barr viru ADRM1	1
Epstein-Barr viru EIF2AK2	1
Epstein-Barr viru MAPK14	1
Epstein-Barr viru NFKB1	1
Epstein-Barr viru NFKB2	1
Epstein-Barr viru NFKBIA	1
Epstein-Barr viru CXCL10	1
Epstein-Barr viru MAVS	1
Epstein-Barr viru IL6	1
Epstein-Barr viru HLA-DPB1	1
Epstein-Barr viru BCL2	1
Epstein-Barr viru FAS	1
Epstein-Barr viru HLA-DRA	1
Epstein-Barr viru BAX	1
Epstein-Barr viru HLA-DRB1	1
Epstein-Barr viru MYD88	1
Measles IFNA1	1
Measles IFNA2	1
Measles TNFAIP3	1
Measles PIK3CD	1
Measles FASLG	1
Measles PIK3CB	1
Measles CASP9	1
Measles IFIH1	1
Measles CASP8	1
Measles CCND1	1
Measles CASP3	1
Measles AKT1	1
Measles IL12B	1
Measles IL12A	1
Measles MAP3K7	1
Measles JAK3	1
Measles JAK1	1
Measles IFNAR2	1
Measles IFNA13	1
Measles DDX58	1

Measles	IFNA17	1
Measles	FOS	1
Measles	IL1A	1
Measles	OAS1	1
Measles	PIK3CA	1
Measles	TRAF3	1
Measles	TRAF6	1
Measles	IL1B	1
Measles	TLR9	1
Measles	TLR7	1
Measles	CD46	1
Measles	TP53	1
Measles	TLR4	1
Measles	IFNAR1	1
Measles	TLR2	1
Measles	PIK3R3	1
Measles	RELA	1
Measles	MAPK8	1
Measles	IRAK1	1
Measles	BID	1
Measles	STAT5A	1
Measles	STAT5B	1
Measles	HSPA1L	1
Measles	STAT1	1
Measles	IFNB1	1
Measles	MX1	1
Measles	STAT3	1
Measles	EIF2AK3	1
Measles	MSN	1
Measles	EIF2AK2	1
Measles	HSPA2	1
Measles	NFKB1	1
Measles	IL2	1
Measles	NFKBIA	1
Measles	MAVS	1
Measles	IL6	1
Measles	IL2RA	1
Measles	IL2RB	1
Measles	CD28	1
Measles	BCL2	1
Measles	FAS	1
Measles	BAX	1

Measles	MYD88	1
Measles	HSPA1B	1
Measles	TP73	1
Measles	BCL2L1	1
Measles	HSPA1A	1
TNF signaling	paCSF2	1
TNF signaling	paTNFAIP3	1
TNF signaling	paPIK3CD	1
TNF signaling	paCXCL1	1
TNF signaling	paPIK3CB	1
TNF signaling	paTNF	1
TNF signaling	paCXCL2	1
TNF signaling	paCX3CL1	1
TNF signaling	paCXCL5	1
TNF signaling	paICAM1	1
TNF signaling	paCASP8	1
TNF signaling	paCASP3	1
TNF signaling	paAKT1	1
TNF signaling	paDNM1L	1
TNF signaling	paMAP3K7	1
TNF signaling	paMAP3K5	1
TNF signaling	paEDN1	1
TNF signaling	paIL15	1
TNF signaling	paMMP3	1
TNF signaling	paTRAF2	1
TNF signaling	paTRAF1	1
TNF signaling	paFOS	1
TNF signaling	paTNFRSF1B	1
TNF signaling	paMMP9	1
TNF signaling	paTNFRSF1A	1
TNF signaling	paCREB1	1
TNF signaling	paPIK3CA	1
TNF signaling	paTRAF3	1
TNF signaling	paIL1B	1
TNF signaling	paIRF1	1
TNF signaling	paLTA	1
TNF signaling	paBIRC2	1
TNF signaling	paATF4	1
TNF signaling	paBIRC3	1
TNF signaling	paPIK3R3	1
TNF signaling	paNOD2	1
TNF signaling	paPTGS2	1

TNF signaling paRELA	1
TNF signaling paSOCS3	1
TNF signaling paMAPK8	1
TNF signaling paCCL5	1
TNF signaling paCCL2	1
TNF signaling paMAPK1	1
TNF signaling paRIPK1	1
TNF signaling paVCAM1	1
TNF signaling paJAG1	1
TNF signaling paCCL20	1
TNF signaling paIFNB1	1
TNF signaling paLIF	1
TNF signaling paMAPK14	1
TNF signaling paSELE	1
TNF signaling paNFKB1	1
TNF signaling paNFKBIA	1
TNF signaling paCXCL10	1
TNF signaling paIL6	1
TNF signaling paITCH	1
TNF signaling paBCL3	1
TNF signaling paFAS	1
TNF signaling paIL18R1	1
Kaposi sarcoma- CD86	1
Kaposi sarcoma- CSF2	1
Kaposi sarcoma- CXCL8	1
Kaposi sarcoma- IFNA1	1
Kaposi sarcoma- IFNA2	1
Kaposi sarcoma- PIK3CD	1
Kaposi sarcoma- CXCL1	1
Kaposi sarcoma- PIK3CB	1
Kaposi sarcoma- CXCL2	1
Kaposi sarcoma- PIK3CG	1
Kaposi sarcoma- ICAM1	1
Kaposi sarcoma- CASP9	1
Kaposi sarcoma- CASP8	1
Kaposi sarcoma- CCND1	1
Kaposi sarcoma- MYC	1
Kaposi sarcoma- CASP3	1
Kaposi sarcoma- AKT1	1
Kaposi sarcoma- CCR8	1
Kaposi sarcoma- CCR5	1
Kaposi sarcoma- JAK2	1

Kaposi sarcoma- CCR4	1
Kaposi sarcoma- CCR3	1
Kaposi sarcoma- JAK1	1
Kaposi sarcoma- IFNAR2	1
Kaposi sarcoma- IFNA13	1
Kaposi sarcoma- IFNGR1	1
Kaposi sarcoma- IFNA17	1
Kaposi sarcoma- HLA-B	1
Kaposi sarcoma- HLA-C	1
Kaposi sarcoma- TRAF2	1
Kaposi sarcoma- HLA-A	1
Kaposi sarcoma- FOS	1
Kaposi sarcoma- HLA-F	1
Kaposi sarcoma- HLA-G	1
Kaposi sarcoma- TNFRSF1A	1
Kaposi sarcoma- CD200R1	1
Kaposi sarcoma- CREB1	1
Kaposi sarcoma- PIK3CA	1
Kaposi sarcoma- TRAF3	1
Kaposi sarcoma- IL6ST	1
Kaposi sarcoma- RAF1	1
Kaposi sarcoma- TP53	1
Kaposi sarcoma- TLR3	1
Kaposi sarcoma- IFNAR1	1
Kaposi sarcoma- PIK3R3	1
Kaposi sarcoma- ITPR3	1
Kaposi sarcoma- PTGS2	1
Kaposi sarcoma- HIF1A	1
Kaposi sarcoma- RELA	1
Kaposi sarcoma- C3	1
Kaposi sarcoma- MAPK8	1
Kaposi sarcoma- GNG2	1
Kaposi sarcoma- UBC	1
Kaposi sarcoma- MAPK1	1
Kaposi sarcoma- BID	1
Kaposi sarcoma- MICA	1
Kaposi sarcoma- CCR1	1
Kaposi sarcoma- ANGPT2	1
Kaposi sarcoma- STAT1	1
Kaposi sarcoma- IFNB1	1
Kaposi sarcoma- STAT3	1
Kaposi sarcoma- EIF2AK2	1

Kaposi sarcoma- MAPK14	1
Kaposi sarcoma- NFKB1	1
Kaposi sarcoma- MTOR	1
Kaposi sarcoma- VEGFA	1
Kaposi sarcoma- NFKBIA	1
Kaposi sarcoma- IL6	1
Kaposi sarcoma- CTNNB1	1
Kaposi sarcoma- FAS	1
Kaposi sarcoma- GNB3	1
Kaposi sarcoma- BAX	1
Kaposi sarcoma- CALM3	1
Kaposi sarcoma- CALM1	1
Kaposi sarcoma- CALM2	1
Th17 cell differenIL21	1
Th17 cell differenIL22	1
Th17 cell differenIL23R	1
Th17 cell differenRORA	1
Th17 cell differenAHR	1
Th17 cell differenHLA-DOA	1
Th17 cell differenJAK2	1
Th17 cell differenIL6R	1
Th17 cell differenJAK3	1
Th17 cell differenHLA-DPA1	1
Th17 cell differenJAK1	1
Th17 cell differenHSP90AA1	1
Th17 cell differenIL4R	1
Th17 cell differenIFNGR1	1
Th17 cell differenFOS	1
Th17 cell differenFOXP3	1
Th17 cell differenTGFB1	1
Th17 cell differenIFNG	1
Th17 cell differenIL23A	1
Th17 cell differenIL1B	1
Th17 cell differenRARA	1
Th17 cell differenIL6ST	1
Th17 cell differenHLA-DQB1	1
Th17 cell differenGATA3	1
Th17 cell differenHIF1A	1
Th17 cell differenRELA	1
Th17 cell differenMAPK8	1
Th17 cell differenHLA-DMA	1
Th17 cell differenHLA-DMB	1

Th17 cell differen	TBX21	1
Th17 cell differen	IL21R	1
Th17 cell differen	MAPK1	1
Th17 cell differen	STAT6	1
Th17 cell differen	HLA-DQA2	1
Th17 cell differen	HLA-DQA1	1
Th17 cell differen	STAT5A	1
Th17 cell differen	STAT5B	1
Th17 cell differen	SMAD4	1
Th17 cell differen	HLA-DRB5	1
Th17 cell differen	TGFB1	1
Th17 cell differen	STAT1	1
Th17 cell differen	STAT3	1
Th17 cell differen	MAPK14	1
Th17 cell differen	NFKB1	1
Th17 cell differen	IL2	1
Th17 cell differen	MTOR	1
Th17 cell differen	IL4	1
Th17 cell differen	NFKBIA	1
Th17 cell differen	IL6	1
Th17 cell differen	IL2RA	1
Th17 cell differen	IL2RB	1
Th17 cell differen	HLA-DPB1	1
Th17 cell differen	HLA-DRA	1
Th17 cell differen	IL17F	1
Th17 cell differen	IL17D	1
Th17 cell differen	HLA-DRB1	1
Th17 cell differen	IL17A	1
Human cytomeg	CXCL8	1
Human cytomeg	IFNA1	1
Human cytomeg	IFNA2	1
Human cytomeg	PIK3CD	1
Human cytomeg	FASLG	1
Human cytomeg	PIK3CB	1
Human cytomeg	TNF	1
Human cytomeg	CX3CL1	1
Human cytomeg	CASP9	1
Human cytomeg	CASP8	1
Human cytomeg	CCND1	1
Human cytomeg	MYC	1
Human cytomeg	CASP3	1
Human cytomeg	RAC2	1

Human cytomeg AKT1	1
Human cytomeg CCR5	1
Human cytomeg B2M	1
Human cytomeg IL6R	1
Human cytomeg CCR3	1
Human cytomeg JAK1	1
Human cytomeg IFNA13	1
Human cytomeg PRKCB	1
Human cytomeg IFNA17	1
Human cytomeg HLA-B	1
Human cytomeg HLA-C	1
Human cytomeg TAP1	1
Human cytomeg PRKCA	1
Human cytomeg TRAF2	1
Human cytomeg HLA-A	1
Human cytomeg HLA-F	1
Human cytomeg HLA-G	1
Human cytomeg TNFRSF1A	1
Human cytomeg CREB1	1
Human cytomeg PIK3CA	1
Human cytomeg IL1B	1
Human cytomeg RAF1	1
Human cytomeg TP53	1
Human cytomeg CRK	1
Human cytomeg ATF4	1
Human cytomeg PTGER4	1
Human cytomeg PIK3R3	1
Human cytomeg CXCR4	1
Human cytomeg ITPR3	1
Human cytomeg PTGS2	1
Human cytomeg RELA	1
Human cytomeg EGFR	1
Human cytomeg GNG2	1
Human cytomeg GNA11	1
Human cytomeg CCL5	1
Human cytomeg CXCR2	1
Human cytomeg CCL4	1
Human cytomeg CCL3	1
Human cytomeg CCL2	1
Human cytomeg MAPK1	1
Human cytomeg RIPK1	1
Human cytomeg BID	1

Human cytomeg CCR1	1
Human cytomeg IL10RB	1
Human cytomeg CDKN2A	1
Human cytomeg IFNB1	1
Human cytomeg IL10RA	1
Human cytomeg STAT3	1
Human cytomeg MAPK14	1
Human cytomeg NFKB1	1
Human cytomeg MTOR	1
Human cytomeg VEGFA	1
Human cytomeg NFKBIA	1
Human cytomeg IL6	1
Human cytomeg CXCL12	1
Human cytomeg STING1	1
Human cytomeg RPS6KB1	1
Human cytomeg SP1	1
Human cytomeg CTNNB1	1
Human cytomeg FAS	1
Human cytomeg GNB3	1
Human cytomeg BAX	1
Human cytomeg CALM3	1
Human cytomeg CALM1	1
Human cytomeg CALM2	1
Rheumatoid arth CD86	1
Rheumatoid arth CXCL8	1
Rheumatoid arth CSF2	1
Rheumatoid arth CD80	1
Rheumatoid arth ITGB2	1
Rheumatoid arth CXCL1	1
Rheumatoid arth ITGAL	1
Rheumatoid arth CXCL2	1
Rheumatoid arth TNF	1
Rheumatoid arth CXCL5	1
Rheumatoid arth TNFSF13B	1
Rheumatoid arth ICAM1	1
Rheumatoid arth CTLA4	1
Rheumatoid arth TNFSF11	1
Rheumatoid arth HLA-DOA	1
Rheumatoid arth HLA-DPA1	1
Rheumatoid arth IL11	1
Rheumatoid arth IL15	1
Rheumatoid arth MMP1	1

Rheumatoid arth MMP3	1
Rheumatoid arth IL18	1
Rheumatoid arth FOS	1
Rheumatoid arth IL1A	1
Rheumatoid arth IFNG	1
Rheumatoid arth IL23A	1
Rheumatoid arth IL1B	1
Rheumatoid arth TLR4	1
Rheumatoid arth TLR2	1
Rheumatoid arth HLA-DQB1	1
Rheumatoid arth PTH	1
Rheumatoid arth TNFRSF11A	1
Rheumatoid arth HLA-DMA	1
Rheumatoid arth HLA-DMB	1
Rheumatoid arth CCL5	1
Rheumatoid arth CCL3	1
Rheumatoid arth CCL2	1
Rheumatoid arth HLA-DQA2	1
Rheumatoid arth HLA-DQA1	1
Rheumatoid arth TGFB2	1
Rheumatoid arth HLA-DRB5	1
Rheumatoid arth TGFB1	1
Rheumatoid arth TGFB3	1
Rheumatoid arth CCL20	1
Rheumatoid arth TNFSF13	1
Rheumatoid arth VEGFA	1
Rheumatoid arth IL6	1
Rheumatoid arth CXCL12	1
Rheumatoid arth CD28	1
Rheumatoid arth HLA-DPB1	1
Rheumatoid arth HLA-DRA	1
Rheumatoid arth HLA-DRB1	1
Rheumatoid arth IL17A	1
Type I diabetes CD86	1
Type I diabetes CD80	1
Type I diabetes PRF1	1
Type I diabetes ICA1	1
Type I diabetes FASLG	1
Type I diabetes TNF	1
Type I diabetes HSPD1	1
Type I diabetes INS	1
Type I diabetes HLA-DMA	1

Type I diabetes	HLA-DMB	1
Type I diabetes	IL12B	1
Type I diabetes	IL12A	1
Type I diabetes	HLA-DOA	1
Type I diabetes	HLA-DQA2	1
Type I diabetes	HLA-DQA1	1
Type I diabetes	HLA-DPA1	1
Type I diabetes	HLA-DRB5	1
Type I diabetes	GAD1	1
Type I diabetes	HLA-B	1
Type I diabetes	GZMB	1
Type I diabetes	GAD2	1
Type I diabetes	HLA-C	1
Type I diabetes	HLA-A	1
Type I diabetes	HLA-F	1
Type I diabetes	HLA-G	1
Type I diabetes	IL2	1
Type I diabetes	IL1A	1
Type I diabetes	IFNG	1
Type I diabetes	IL1B	1
Type I diabetes	CD28	1
Type I diabetes	LTA	1
Type I diabetes	HLA-DPB1	1
Type I diabetes	FAS	1
Type I diabetes	HLA-DRA	1
Type I diabetes	HLA-DRB1	1
Type I diabetes	HLA-DQB1	1
NOD-like recepto	CXCL8	1
NOD-like recepto	IFNA1	1
NOD-like recepto	IFNA2	1
NOD-like recepto	TNFAIP3	1
NOD-like recepto	CXCL1	1
NOD-like recepto	ANTXR2	1
NOD-like recepto	TNF	1
NOD-like recepto	CXCL2	1
NOD-like recepto	PANX1	1
NOD-like recepto	GPRC6A	1
NOD-like recepto	CASP8	1
NOD-like recepto	CASP1	1
NOD-like recepto	DNM1L	1
NOD-like recepto	MAP3K7	1
NOD-like recepto	JAK1	1

NOD-like receptoIFNAR2	1
NOD-like receptoIFNA13	1
NOD-like receptoHSP90AA1	1
NOD-like receptoIFNA17	1
NOD-like receptoIL18	1
NOD-like receptoCYBB	1
NOD-like receptoTRAF2	1
NOD-like receptoATG12	1
NOD-like receptoAIM2	1
NOD-like receptoOAS1	1
NOD-like receptoTRAF3	1
NOD-like receptoTRAF6	1
NOD-like receptoIL1B	1
NOD-like receptoTXNIP	1
NOD-like receptoTLR4	1
NOD-like receptoNAIP	1
NOD-like receptoBIRC2	1
NOD-like receptoIFNAR1	1
NOD-like receptoBIRC3	1
NOD-like receptoRNASEL	1
NOD-like receptoXIAP	1
NOD-like receptoTPR3	1
NOD-like receptoTXN	1
NOD-like receptoNOD2	1
NOD-like receptoNLRC4	1
NOD-like receptoMEFV	1
NOD-like receptoRELA	1
NOD-like receptoTRPM2	1
NOD-like receptoMAPK8	1
NOD-like receptoIFI16	1
NOD-like receptoCCL5	1
NOD-like receptoNLRP3	1
NOD-like receptoMFN2	1
NOD-like receptoCCL2	1
NOD-like receptoMAPK1	1
NOD-like receptoTRPM7	1
NOD-like receptoRIPK1	1
NOD-like receptoNLRP1	1
NOD-like receptoTP53BP1	1
NOD-like receptoATG5	1
NOD-like receptoSTAT1	1
NOD-like receptoIFNB1	1

NOD-like receptoMAPK14	1
NOD-like receptoNFKB1	1
NOD-like receptoNFKBIA	1
NOD-like receptoP2RX7	1
NOD-like receptoMAVS	1
NOD-like receptoIL6	1
NOD-like receptoSTING1	1
NOD-like receptoATG16L1	1
NOD-like receptoBCL2	1
NOD-like receptoPKN2	1
NOD-like receptoMYD88	1
NOD-like receptoBCL2L1	1
Pathways in can EPO	1
Pathways in can IL23R	1
Pathways in can IL5RA	1
Pathways in can FGF1	1
Pathways in can ETS1	1
Pathways in can IGF1R	1
Pathways in can EDNRA	1
Pathways in can EDNRB	1
Pathways in can CCND1	1
Pathways in can CDH1	1
Pathways in can MYC	1
Pathways in can AKT1	1
Pathways in can IL12B	1
Pathways in can IL12A	1
Pathways in can IL6R	1
Pathways in can IFNAR2	1
Pathways in can IFNA13	1
Pathways in can RALBP1	1
Pathways in can IL4R	1
Pathways in can PRKCB	1
Pathways in can IFNA17	1
Pathways in can HGF	1
Pathways in can F2R	1
Pathways in can PRKCA	1
Pathways in can BCR	1
Pathways in can AR	1
Pathways in can IL23A	1
Pathways in can AGTR1	1
Pathways in can IL6ST	1
Pathways in can RAF1	1

Pathways in can TP53	1
Pathways in can IFNAR1	1
Pathways in can NOTCH2	1
Pathways in can CSF1R	1
Pathways in can NOTCH3	1
Pathways in can NOTCH1	1
Pathways in can TERC	1
Pathways in can EPAS1	1
Pathways in can NOTCH4	1
Pathways in can LPAR2	1
Pathways in can TGFA	1
Pathways in can PIK3R3	1
Pathways in can LPAR3	1
Pathways in can PLD1	1
Pathways in can HIF1A	1
Pathways in can RASGRP1	1
Pathways in can KNG1	1
Pathways in can ABL1	1
Pathways in can HMOX1	1
Pathways in can WNT1	1
Pathways in can FGF23	1
Pathways in can WNT3	1
Pathways in can STAT5A	1
Pathways in can STAT5B	1
Pathways in can TGFB2	1
Pathways in can SMAD4	1
Pathways in can JAG1	1
Pathways in can GSTM1	1
Pathways in can TGFB1	1
Pathways in can FZD4	1
Pathways in can TGFB3	1
Pathways in can FN1	1
Pathways in can IGF1	1
Pathways in can ESR1	1
Pathways in can NFKB1	1
Pathways in can ESR2	1
Pathways in can IL2	1
Pathways in can NFKB2	1
Pathways in can IL4	1
Pathways in can NFKBIA	1
Pathways in can BMP4	1
Pathways in can IL3	1

Pathways in can BMP2	1
Pathways in can IL6	1
Pathways in can CXCL12	1
Pathways in can IL5	1
Pathways in can SP1	1
Pathways in can IL7	1
Pathways in can BCL2	1
Pathways in can GNB3	1
Pathways in can CALM3	1
Pathways in can CALM1	1
Pathways in can IL7R	1
Pathways in can CALM2	1
Pathways in can BCL2L1	1
Pathways in can NFE2L2	1
Pathways in can FGFR1	1
Pathways in can ITGB1	1
Pathways in can CXCL8	1
Pathways in can IFNA1	1
Pathways in can IFNA2	1
Pathways in can PIK3CD	1
Pathways in can FASLG	1
Pathways in can LAMC2	1
Pathways in can PIK3CB	1
Pathways in can GLI1	1
Pathways in can BRCA2	1
Pathways in can CASP9	1
Pathways in can SHH	1
Pathways in can CASP8	1
Pathways in can CASP3	1
Pathways in can RAC2	1
Pathways in can BDKRB1	1
Pathways in can JAK2	1
Pathways in can JAK3	1
Pathways in can JAK1	1
Pathways in can HSP90AA1	1
Pathways in can EDN1	1
Pathways in can IFNGR1	1
Pathways in can GSTO1	1
Pathways in can IL15	1
Pathways in can MMP1	1
Pathways in can MMP2	1
Pathways in can IL13	1

Pathways in can TRAF2	1
Pathways in can FOS	1
Pathways in can TRAF1	1
Pathways in can MMP9	1
Pathways in can TGFBR1	1
Pathways in can PIK3CA	1
Pathways in can IFNG	1
Pathways in can TRAF3	1
Pathways in can TRAF6	1
Pathways in can RARA	1
Pathways in can PPARG	1
Pathways in can CRK	1
Pathways in can BIRC2	1
Pathways in can BIRC3	1
Pathways in can PTGER4	1
Pathways in can FH	1
Pathways in can HDAC1	1
Pathways in can GSTP1	1
Pathways in can XIAP	1
Pathways in can CXCR4	1
Pathways in can PTGS2	1
Pathways in can EGFR	1
Pathways in can RELA	1
Pathways in can DLL4	1
Pathways in can MAPK8	1
Pathways in can GNG2	1
Pathways in can GNA11	1
Pathways in can STAT4	1
Pathways in can MAPK1	1
Pathways in can STAT6	1
Pathways in can CTNNA3	1
Pathways in can BID	1
Pathways in can ARNT2	1
Pathways in can NQO1	1
Pathways in can NOS2	1
Pathways in can STAT1	1
Pathways in can CDKN2A	1
Pathways in can TXNRD2	1
Pathways in can EGF	1
Pathways in can TXNRD1	1
Pathways in can STAT3	1
Pathways in can VEGFB	1

Pathways in can AGT	1
Pathways in can MTOR	1
Pathways in can PML	1
Pathways in can VEGFA	1
Pathways in can APC	1
Pathways in can RPS6KB1	1
Pathways in can IL2RA	1
Pathways in can IL2RB	1
Pathways in can CTNNB1	1
Pathways in can FAS	1
Pathways in can BAX	1
Toll-like receptor CD86	1
Toll-like receptor CD40	1
Toll-like receptor CXCL9	1
Toll-like receptor CXCL8	1
Toll-like receptor IFNA1	1
Toll-like receptor CD80	1
Toll-like receptor IFNA2	1
Toll-like receptor PIK3CD	1
Toll-like receptor PIK3CB	1
Toll-like receptor TNF	1
Toll-like receptor CASP8	1
Toll-like receptor AKT1	1
Toll-like receptor IL12B	1
Toll-like receptor IL12A	1
Toll-like receptor LBP	1
Toll-like receptor MAP3K7	1
Toll-like receptor IFNAR2	1
Toll-like receptor IFNA13	1
Toll-like receptor IFNA17	1
Toll-like receptor FOS	1
Toll-like receptor TLR1	1
Toll-like receptor PIK3CA	1
Toll-like receptor TRAF3	1
Toll-like receptor TRAF6	1
Toll-like receptor IL1B	1
Toll-like receptor TLR9	1
Toll-like receptor TLR8	1
Toll-like receptor IRF5	1
Toll-like receptor TLR7	1
Toll-like receptor TLR4	1
Toll-like receptor TLR3	1

Toll-like receptor IFNAR1	1
Toll-like receptor TLR2	1
Toll-like receptor PIK3R3	1
Toll-like receptor RELA	1
Toll-like receptor MAPK8	1
Toll-like receptor IRAK1	1
Toll-like receptor CCL5	1
Toll-like receptor CCL4	1
Toll-like receptor SPP1	1
Toll-like receptor CCL3	1
Toll-like receptor MAPK1	1
Toll-like receptor RIPK1	1
Toll-like receptor CD14	1
Toll-like receptor STAT1	1
Toll-like receptor IFNB1	1
Toll-like receptor MAPK14	1
Toll-like receptor NFKB1	1
Toll-like receptor NFKBIA	1
Toll-like receptor CXCL10	1
Toll-like receptor CXCL11	1
Toll-like receptor IL6	1
Toll-like receptor MYD88	1
PI3K-Akt signalinITGB1	1
PI3K-Akt signalinCSF3	1
PI3K-Akt signalinCRTC2	1
PI3K-Akt signalinIFNA1	1
PI3K-Akt signalinEPO	1
PI3K-Akt signalinIRS1	1
PI3K-Akt signalinIFNA2	1
PI3K-Akt signalinPIK3CD	1
PI3K-Akt signalinFASLG	1
PI3K-Akt signalinLAMC2	1
PI3K-Akt signalinPRL	1
PI3K-Akt signalinBRCA1	1
PI3K-Akt signalinPIK3CB	1
PI3K-Akt signalinFGF1	1
PI3K-Akt signalinPIK3CG	1
PI3K-Akt signalinIGF1R	1
PI3K-Akt signalinCASP9	1
PI3K-Akt signalinSTK11	1
PI3K-Akt signalinCCND1	1
PI3K-Akt signalinMYC	1

PI3K-Akt signalinKDR	1
PI3K-Akt signalinAKT1	1
PI3K-Akt signalinJAK2	1
PI3K-Akt signalinJAK3	1
PI3K-Akt signalinIL6R	1
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PI3K-Akt signalinIFNA17	1
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PI3K-Akt signalinRPS6	1
PI3K-Akt signalinF2R	1
PI3K-Akt signalinPRKCA	1
PI3K-Akt signalinNGF	1
PI3K-Akt signalinPRLR	1
PI3K-Akt signalinYWHAZ	1
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PI3K-Akt signalinPIK3CA	1
PI3K-Akt signalinCDC37	1
PI3K-Akt signalinDDIT4	1
PI3K-Akt signalinSGK1	1
PI3K-Akt signalinRAF1	1
PI3K-Akt signalinTP53	1
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PI3K-Akt signalinATF4	1
PI3K-Akt signalinTLR2	1
PI3K-Akt signalinIFNAR1	1
PI3K-Akt signalinCSF1R	1
PI3K-Akt signalinTNXB	1
PI3K-Akt signalinLPAR2	1
PI3K-Akt signalinTGFA	1
PI3K-Akt signalinPIK3R3	1
PI3K-Akt signalinLPAR3	1
PI3K-Akt signalinFOXO3	1
PI3K-Akt signalinTHBS1	1
PI3K-Akt signalinRELA	1
PI3K-Akt signalinEGFR	1
PI3K-Akt signalinINS	1
PI3K-Akt signalinGNG2	1

PI3K-Akt signalinERBB3	1
PI3K-Akt signalinCD19	1
PI3K-Akt signalinNTF3	1
PI3K-Akt signalinSPP1	1
PI3K-Akt signalinMAPK1	1
PI3K-Akt signalinFGF23	1
PI3K-Akt signalinANGPT2	1
PI3K-Akt signalinIFNB1	1
PI3K-Akt signalinBDNF	1
PI3K-Akt signalinEGF	1
PI3K-Akt signalinNOS3	1
PI3K-Akt signalinFN1	1
PI3K-Akt signalinVEGFB	1
PI3K-Akt signalinOSM	1
PI3K-Akt signalinIGF1	1
PI3K-Akt signalinNFKB1	1
PI3K-Akt signalinIL2	1
PI3K-Akt signalinMTOR	1
PI3K-Akt signalinVEGFA	1
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PI3K-Akt signalinNR4A1	1
PI3K-Akt signalinIL3	1
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PI3K-Akt signalinIL7	1
PI3K-Akt signalinIL2RA	1
PI3K-Akt signalinIL2RB	1
PI3K-Akt signalinBCL2	1
PI3K-Akt signalinGNB3	1
PI3K-Akt signalinPKN2	1
PI3K-Akt signalinIL7R	1
PI3K-Akt signalinBCL2L1	1
PI3K-Akt signalinFGFR1	1
Allograft rejectio CD86	1
Allograft rejectio CD40	1
Allograft rejectio CD80	1
Allograft rejectio PRF1	1
Allograft rejectio FASLG	1
Allograft rejectio TNF	1
Allograft rejectio HLA-DMA	1
Allograft rejectio HLA-DMB	1

Allograft rejectio IL12B	1
Allograft rejectio IL12A	1
Allograft rejectio HLA-DOA	1
Allograft rejectio HLA-DQA2	1
Allograft rejectio HLA-DQA1	1
Allograft rejectio HLA-DPA1	1
Allograft rejectio IL10	1
Allograft rejectio HLA-DRB5	1
Allograft rejectio HLA-B	1
Allograft rejectio GZMB	1
Allograft rejectio HLA-C	1
Allograft rejectio HLA-A	1
Allograft rejectio HLA-F	1
Allograft rejectio HLA-G	1
Allograft rejectio IL2	1
Allograft rejectio IL4	1
Allograft rejectio IL5	1
Allograft rejectio CD40LG	1
Allograft rejectio IFNG	1
Allograft rejectio CD28	1
Allograft rejectio HLA-DPB1	1
Allograft rejectio FAS	1
Allograft rejectio HLA-DRA	1
Allograft rejectio HLA-DRB1	1
Allograft rejectio HLA-DQB1	1
NF-kappa B sign CD40	1
NF-kappa B sign CXCL8	1
NF-kappa B sign TNFAIP3	1
NF-kappa B sign CXCL1	1
NF-kappa B sign TNFRSF13C	1
NF-kappa B sign TNF	1
NF-kappa B sign CXCL2	1
NF-kappa B sign ICAM1	1
NF-kappa B sign TNFSF13B	1
NF-kappa B sign TNFSF11	1
NF-kappa B sign LBP	1
NF-kappa B sign MAP3K7	1
NF-kappa B sign PARP1	1
NF-kappa B sign PRKCB	1
NF-kappa B sign DDX58	1
NF-kappa B sign TRAF2	1
NF-kappa B sign TRAF1	1

NF-kappa B sign TNFRSF1A	1
NF-kappa B sign TRAF3	1
NF-kappa B sign TRAF6	1
NF-kappa B sign IL1B	1
NF-kappa B sign BTK	1
NF-kappa B sign LTA	1
NF-kappa B sign TLR4	1
NF-kappa B sign CARD11	1
NF-kappa B sign BIRC2	1
NF-kappa B sign BIRC3	1
NF-kappa B sign CCL13	1
NF-kappa B sign XIAP	1
NF-kappa B sign BCL10	1
NF-kappa B sign TNFRSF11A	1
NF-kappa B sign PTGS2	1
NF-kappa B sign RELA	1
NF-kappa B sign MALT1	1
NF-kappa B sign RELB	1
NF-kappa B sign IRAK1	1
NF-kappa B sign CCL4	1
NF-kappa B sign RIPK1	1
NF-kappa B sign CD14	1
NF-kappa B sign CCL19	1
NF-kappa B sign VCAM1	1
NF-kappa B sign TNFSF14	1
NF-kappa B sign CCL21	1
NF-kappa B sign NFKB1	1
NF-kappa B sign NFKB2	1
NF-kappa B sign NFKBIA	1
NF-kappa B sign CXCL12	1
NF-kappa B sign CD40LG	1
NF-kappa B sign BCL2	1
NF-kappa B sign ATM	1
NF-kappa B sign MYD88	1
NF-kappa B sign BCL2L1	1
Coronavirus dise CSF3	1
Coronavirus dise CSF2	1
Coronavirus dise CXCL8	1
Coronavirus dise IFNA1	1
Coronavirus dise IFNA2	1
Coronavirus dise PIK3CD	1
Coronavirus dise PIK3CB	1

Coronavirus dise TNF	1
Coronavirus dise IFIH1	1
Coronavirus dise C3AR1	1
Coronavirus dise CASP1	1
Coronavirus dise IL12B	1
Coronavirus dise IL12A	1
Coronavirus dise MAP3K7	1
Coronavirus dise IL6R	1
Coronavirus dise JAK1	1
Coronavirus dise MBL2	1
Coronavirus dise IFNAR2	1
Coronavirus dise IFNA13	1
Coronavirus dise PRKCB	1
Coronavirus dise DDX58	1
Coronavirus dise MMP1	1
Coronavirus dise IFNA17	1
Coronavirus dise RPS6	1
Coronavirus dise MMP3	1
Coronavirus dise CYBB	1
Coronavirus dise PRKCA	1
Coronavirus dise RPSA	1
Coronavirus dise FOS	1
Coronavirus dise TNFRSF1A	1
Coronavirus dise ACE2	1
Coronavirus dise ADAM17	1
Coronavirus dise OAS1	1
Coronavirus dise PIK3CA	1
Coronavirus dise TRAF3	1
Coronavirus dise IL1B	1
Coronavirus dise TRAF6	1
Coronavirus dise AGTR1	1
Coronavirus dise TLR8	1
Coronavirus dise TLR7	1
Coronavirus dise MASP1	1
Coronavirus dise IL6ST	1
Coronavirus dise TLR4	1
Coronavirus dise CFB	1
Coronavirus dise TLR3	1
Coronavirus dise TLR2	1
Coronavirus dise IFNAR1	1
Coronavirus dise C1QA	1
Coronavirus dise PIK3R3	1

Coronavirus dise RELA	1
Coronavirus dise EGFR	1
Coronavirus dise C2	1
Coronavirus dise C3	1
Coronavirus dise MAPK8	1
Coronavirus dise IRAK1	1
Coronavirus dise NLRP3	1
Coronavirus dise CCL2	1
Coronavirus dise MAPK1	1
Coronavirus dise ACE	1
Coronavirus dise STAT1	1
Coronavirus dise IFNB1	1
Coronavirus dise STAT3	1
Coronavirus dise MX1	1
Coronavirus dise EIF2AK2	1
Coronavirus dise MAPK14	1
Coronavirus dise NFKB1	1
Coronavirus dise IL2	1
Coronavirus dise SELP	1
Coronavirus dise NFKBIA	1
Coronavirus dise MAS1	1
Coronavirus dise CXCL10	1
Coronavirus dise MAVS	1
Coronavirus dise IL6	1
Coronavirus dise FCGR2A	1
Coronavirus dise STING1	1
Coronavirus dise MYD88	1
Chemokine sign CXCL9	1
Chemokine sign CXCL8	1
Chemokine sign NCF1	1
Chemokine sign PIK3CD	1
Chemokine sign CXCL1	1
Chemokine sign PIK3CB	1
Chemokine sign CXCL13	1
Chemokine sign CXCL2	1
Chemokine sign CX3CL1	1
Chemokine sign CXCL5	1
Chemokine sign PIK3CG	1
Chemokine sign CXCL16	1
Chemokine sign CCR9	1
Chemokine sign RAC2	1
Chemokine sign AKT1	1

Chemokine sign CCR8	1
Chemokine sign CCR7	1
Chemokine sign CCR6	1
Chemokine sign CCR5	1
Chemokine sign JAK2	1
Chemokine sign CCR4	1
Chemokine sign JAK3	1
Chemokine sign CCR3	1
Chemokine sign CCR2	1
Chemokine sign PRKCB	1
Chemokine sign PIK3CA	1
Chemokine sign ELMO1	1
Chemokine sign RAF1	1
Chemokine sign CRK	1
Chemokine sign CX3CR1	1
Chemokine sign CCL13	1
Chemokine sign CCL11	1
Chemokine sign CXCR5	1
Chemokine sign WAS	1
Chemokine sign PIK3R3	1
Chemokine sign CXCR4	1
Chemokine sign CXCR6	1
Chemokine sign FOXO3	1
Chemokine sign RELA	1
Chemokine sign GRK2	1
Chemokine sign RAP1A	1
Chemokine sign GNG2	1
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Chemokine sign CCL7	1
Chemokine sign CXCR3	1
Chemokine sign CCL5	1
Chemokine sign CXCR2	1
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Chemokine sign CCL2	1
Chemokine sign MAPK1	1
Chemokine sign CCL1	1
Chemokine sign CCL19	1
Chemokine sign CCL18	1
Chemokine sign CCL17	1
Chemokine sign CCR1	1
Chemokine sign STAT5B	1

Chemokine sign CCL22	1
Chemokine sign CCL21	1
Chemokine sign CCL20	1
Chemokine sign STAT1	1
Chemokine sign STAT3	1
Chemokine sign NFkB1	1
Chemokine sign NFkBIA	1
Chemokine sign CXCL10	1
Chemokine sign CXCL11	1
Chemokine sign CXCL12	1
Chemokine sign GNB3	1
Chemokine sign CCL27	1
IL-17 signaling p CSF3	1
IL-17 signaling p CXCL8	1
IL-17 signaling p CSF2	1
IL-17 signaling p IL25	1
IL-17 signaling p TNFAIP3	1
IL-17 signaling p CXCL1	1
IL-17 signaling p CXCL2	1
IL-17 signaling p TNF	1
IL-17 signaling p CXCL5	1
IL-17 signaling p CASP8	1
IL-17 signaling p CASP3	1
IL-17 signaling p MAP3K7	1
IL-17 signaling p HSP90AA1	1
IL-17 signaling p MMP1	1
IL-17 signaling p MMP3	1
IL-17 signaling p IL13	1
IL-17 signaling p TRAF2	1
IL-17 signaling p FOS	1
IL-17 signaling p MMP9	1
IL-17 signaling p IL17RC	1
IL-17 signaling p IL17RA	1
IL-17 signaling p IFNG	1
IL-17 signaling p TRAF3	1
IL-17 signaling p IL1B	1
IL-17 signaling p TRAF6	1
IL-17 signaling p S100A9	1
IL-17 signaling p S100A8	1
IL-17 signaling p CCL11	1
IL-17 signaling p SRSF1	1
IL-17 signaling p PTGS2	1

IL-17 signaling p RELA	1
IL-17 signaling p MAPK8	1
IL-17 signaling p CCL7	1
IL-17 signaling p CCL2	1
IL-17 signaling p MAPK1	1
IL-17 signaling p CCL17	1
IL-17 signaling p CCL20	1
IL-17 signaling p MAPK14	1
IL-17 signaling p NFKB1	1
IL-17 signaling p IL4	1
IL-17 signaling p NFKBIA	1
IL-17 signaling p CXCL10	1
IL-17 signaling p IL6	1
IL-17 signaling p IL5	1
IL-17 signaling p LCN2	1
IL-17 signaling p IL17F	1
IL-17 signaling p IL17D	1
IL-17 signaling p IL17C	1
IL-17 signaling p IL17A	1
Human T-cell leuCD40	1
Human T-cell leuCRTC2	1
Human T-cell leuCSF2	1
Human T-cell leuITGB2	1
Human T-cell leuBUB1B	1
Human T-cell leuPIK3CD	1
Human T-cell leuTNFRSF13C	1
Human T-cell leuPIK3CB	1
Human T-cell leuITGAL	1
Human T-cell leuTNF	1
Human T-cell leuETS1	1
Human T-cell leuICAM1	1
Human T-cell leuKAT5	1
Human T-cell leuCCND1	1
Human T-cell leuMYC	1
Human T-cell leuAKT1	1
Human T-cell leuTSPO	1
Human T-cell leuHLA-DOA	1
Human T-cell leuB2M	1
Human T-cell leuJAK3	1
Human T-cell leuHLA-DPA1	1
Human T-cell leuJAK1	1
Human T-cell leuMMP7	1

Human T-cell leuIL15	1
Human T-cell leuHLA-B	1
Human T-cell leuHLA-C	1
Human T-cell leuHLA-A	1
Human T-cell leuFOS	1
Human T-cell leuHLA-F	1
Human T-cell leuHLA-G	1
Human T-cell leuTGFB1	1
Human T-cell leuTNFRSF1A	1
Human T-cell leuCREB1	1
Human T-cell leuPIK3CA	1
Human T-cell leuCANX	1
Human T-cell leuLTA	1
Human T-cell leuTLN1	1
Human T-cell leuTP53	1
Human T-cell leuSLC25A4	1
Human T-cell leuATF4	1
Human T-cell leuHLA-DQB1	1
Human T-cell leuPIK3R3	1
Human T-cell leuXIAP	1
Human T-cell leuRELA	1
Human T-cell leuRELB	1
Human T-cell leuHLA-DMA	1
Human T-cell leuMAPK8	1
Human T-cell leuHLA-DMB	1
Human T-cell leuMAPK1	1
Human T-cell leuHLA-DQA2	1
Human T-cell leuHLA-DQA1	1
Human T-cell leuSTAT5A	1
Human T-cell leuSTAT5B	1
Human T-cell leuEGR1	1
Human T-cell leuHLA-DRB5	1
Human T-cell leuTGFB2	1
Human T-cell leuSMAD4	1
Human T-cell leuTGFB1	1
Human T-cell leuCDKN2A	1
Human T-cell leuTGFB3	1
Human T-cell leuNFKB1	1
Human T-cell leuIL2	1
Human T-cell leuNFKB2	1
Human T-cell leuNFKBIA	1
Human T-cell leuIL6	1

Human T-cell leu	IL2RA	1
Human T-cell leu	IL2RB	1
Human T-cell leu	HLA-DPB1	1
Human T-cell leu	HLA-DRA	1
Human T-cell leu	BAX	1
Human T-cell leu	ATM	1
Human T-cell leu	HLA-DRB1	1
Human T-cell leu	BCL2L1	1
Hepatitis B	CXCL8	1
Hepatitis B	IFNA1	1
Hepatitis B	IFNA2	1
Hepatitis B	PIK3CD	1
Hepatitis B	FASLG	1
Hepatitis B	PIK3CB	1
Hepatitis B	TNF	1
Hepatitis B	CASP9	1
Hepatitis B	IFIH1	1
Hepatitis B	CASP8	1
Hepatitis B	MYC	1
Hepatitis B	CASP3	1
Hepatitis B	AKT1	1
Hepatitis B	JAK2	1
Hepatitis B	MAP3K7	1
Hepatitis B	JAK3	1
Hepatitis B	JAK1	1
Hepatitis B	IFNA13	1
Hepatitis B	PRKCB	1
Hepatitis B	DDX58	1
Hepatitis B	IFNA17	1
Hepatitis B	PRKCA	1
Hepatitis B	FOS	1
Hepatitis B	MMP9	1
Hepatitis B	YWHAZ	1
Hepatitis B	TGFBR1	1
Hepatitis B	CREB1	1
Hepatitis B	PIK3CA	1
Hepatitis B	TRAF3	1
Hepatitis B	TRAF6	1
Hepatitis B	RAF1	1
Hepatitis B	TP53	1
Hepatitis B	TLR4	1
Hepatitis B	TLR3	1

Hepatitis B	IFNAR1	1
Hepatitis B	ATF4	1
Hepatitis B	TLR2	1
Hepatitis B	PIK3R3	1
Hepatitis B	RELA	1
Hepatitis B	MAPK8	1
Hepatitis B	IRAK1	1
Hepatitis B	STAT4	1
Hepatitis B	MAPK1	1
Hepatitis B	STAT6	1
Hepatitis B	BID	1
Hepatitis B	STAT5A	1
Hepatitis B	STAT5B	1
Hepatitis B	TGFB2	1
Hepatitis B	SMAD4	1
Hepatitis B	TGFB1	1
Hepatitis B	TGFB3	1
Hepatitis B	STAT1	1
Hepatitis B	IFNB1	1
Hepatitis B	STAT3	1
Hepatitis B	MAPK14	1
Hepatitis B	NFKB1	1
Hepatitis B	NFKBIA	1
Hepatitis B	MAVS	1
Hepatitis B	IL6	1
Hepatitis B	BCL2	1
Hepatitis B	FAS	1
Hepatitis B	BAX	1
Hepatitis B	MYD88	1
Cell adhesion m	CD86	1
Cell adhesion m	ITGB1	1
Cell adhesion m	CD40	1
Cell adhesion m	ITGAM	1
Cell adhesion m	CD80	1
Cell adhesion m	ITGB2	1
Cell adhesion m	ITGAL	1
Cell adhesion m	PVR	1
Cell adhesion m	VSIR	1
Cell adhesion m	ICAM1	1
Cell adhesion m	CDH3	1
Cell adhesion m	ALCAM	1
Cell adhesion m	CDH1	1

Cell adhesion m	MPZ	1
Cell adhesion m	CTLA4	1
Cell adhesion m	HLA-DOA	1
Cell adhesion m	CD34	1
Cell adhesion m	ICOSLG	1
Cell adhesion m	HLA-DPA1	1
Cell adhesion m	ITGA4	1
Cell adhesion m	HLA-B	1
Cell adhesion m	HLA-C	1
Cell adhesion m	HLA-A	1
Cell adhesion m	PDCD1LG2	1
Cell adhesion m	HLA-F	1
Cell adhesion m	HLA-G	1
Cell adhesion m	CLDN11	1
Cell adhesion m	CLDN5	1
Cell adhesion m	MAG	1
Cell adhesion m	CLDN3	1
Cell adhesion m	CD8A	1
Cell adhesion m	PECAM1	1
Cell adhesion m	CD226	1
Cell adhesion m	HLA-DQB1	1
Cell adhesion m	CD274	1
Cell adhesion m	SELPLG	1
Cell adhesion m	HLA-DMA	1
Cell adhesion m	HLA-DMB	1
Cell adhesion m	NCAM1	1
Cell adhesion m	TIGIT	1
Cell adhesion m	HLA-DQA2	1
Cell adhesion m	HLA-DQA1	1
Cell adhesion m	CD276	1
Cell adhesion m	HLA-DRB5	1
Cell adhesion m	VCAM1	1
Cell adhesion m	SELE	1
Cell adhesion m	SELP	1
Cell adhesion m	OCLN	1
Cell adhesion m	PTPRC	1
Cell adhesion m	CD40LG	1
Cell adhesion m	CNTN1	1
Cell adhesion m	CD28	1
Cell adhesion m	HLA-DPB1	1
Cell adhesion m	SDC1	1
Cell adhesion m	HLA-DRA	1

Cell adhesion m	PDCD1	1
Cell adhesion m	SIGLEC1	1
Cell adhesion m	HLA-DRB1	1
Cell adhesion m	NECTIN2	1
Lipid and athero	NCF1	1
Lipid and athero	TNF	1
Lipid and athero	ICAM1	1
Lipid and athero	TNFSF10	1
Lipid and athero	AKT1	1
Lipid and athero	IL12B	1
Lipid and athero	IL12A	1
Lipid and athero	MAP3K7	1
Lipid and athero	MAP3K5	1
Lipid and athero	IFNA13	1
Lipid and athero	IFNA17	1
Lipid and athero	CYBB	1
Lipid and athero	PRKCA	1
Lipid and athero	ERN1	1
Lipid and athero	DDIT3	1
Lipid and athero	TP53	1
Lipid and athero	ATF4	1
Lipid and athero	PIK3R3	1
Lipid and athero	AGER	1
Lipid and athero	CYP2B6	1
Lipid and athero	RAP1A	1
Lipid and athero	IRAK1	1
Lipid and athero	NLRP3	1
Lipid and athero	CD14	1
Lipid and athero	ABCA1	1
Lipid and athero	XBP1	1
Lipid and athero	VCAM1	1
Lipid and athero	HSPA5	1
Lipid and athero	HSPA4	1
Lipid and athero	EIF2AK3	1
Lipid and athero	TNFRSF10B	1
Lipid and athero	TNFRSF10A	1
Lipid and athero	HSPA2	1
Lipid and athero	SELE	1
Lipid and athero	NFKB1	1
Lipid and athero	SELP	1
Lipid and athero	NFKBIA	1
Lipid and athero	CYP2C9	1

Lipid and athero	IL6	1
Lipid and athero	BCL2	1
Lipid and athero	CALM3	1
Lipid and athero	CALM1	1
Lipid and athero	CALM2	1
Lipid and athero	MYD88	1
Lipid and athero	BCL2L1	1
Lipid and athero	NFE2L2	1
Lipid and athero	CD40	1
Lipid and athero	CXCL8	1
Lipid and athero	IFNA1	1
Lipid and athero	IFNA2	1
Lipid and athero	PIK3CD	1
Lipid and athero	FASLG	1
Lipid and athero	CXCL1	1
Lipid and athero	PIK3CB	1
Lipid and athero	CXCL2	1
Lipid and athero	CASP9	1
Lipid and athero	CASP8	1
Lipid and athero	CASP3	1
Lipid and athero	CASP1	1
Lipid and athero	OLR1	1
Lipid and athero	LBP	1
Lipid and athero	JAK2	1
Lipid and athero	HSP90AA1	1
Lipid and athero	MMP1	1
Lipid and athero	MMP3	1
Lipid and athero	IL18	1
Lipid and athero	APOA1	1
Lipid and athero	TRAF2	1
Lipid and athero	FOS	1
Lipid and athero	MMP9	1
Lipid and athero	TNFRSF1A	1
Lipid and athero	PIK3CA	1
Lipid and athero	TRAF3	1
Lipid and athero	IL1B	1
Lipid and athero	TRAF6	1
Lipid and athero	PPARG	1
Lipid and athero	TLR4	1
Lipid and athero	TLR2	1
Lipid and athero	RELA	1
Lipid and athero	HSPD1	1

Lipid and athero	MAPK8	1
Lipid and athero	CCL5	1
Lipid and athero	CCL3	1
Lipid and athero	CCL2	1
Lipid and athero	MAPK1	1
Lipid and athero	BID	1
Lipid and athero	LDLR	1
Lipid and athero	HSPA1L	1
Lipid and athero	IFNB1	1
Lipid and athero	NOS3	1
Lipid and athero	STAT3	1
Lipid and athero	MAPK14	1
Lipid and athero	SOD2	1
Lipid and athero	CD40LG	1
Lipid and athero	FAS	1
Lipid and athero	BAX	1
Lipid and athero	HSPA1B	1
Lipid and athero	HSPA1A	1
AGE-RAGE sign	CXCL8	1
AGE-RAGE sign	SERPINE1	1
AGE-RAGE sign	PIK3CD	1
AGE-RAGE sign	PIK3CB	1
AGE-RAGE sign	TNF	1
AGE-RAGE sign	ICAM1	1
AGE-RAGE sign	CCND1	1
AGE-RAGE sign	CASP3	1
AGE-RAGE sign	AKT1	1
AGE-RAGE sign	JAK2	1
AGE-RAGE sign	EDN1	1
AGE-RAGE sign	PRKCB	1
AGE-RAGE sign	PRKCE	1
AGE-RAGE sign	MMP2	1
AGE-RAGE sign	CYBB	1
AGE-RAGE sign	PRKCA	1
AGE-RAGE sign	TGFBR1	1
AGE-RAGE sign	IL1A	1
AGE-RAGE sign	PIK3CA	1
AGE-RAGE sign	IL1B	1
AGE-RAGE sign	AGTR1	1
AGE-RAGE sign	PIK3R3	1
AGE-RAGE sign	AGER	1
AGE-RAGE sign	RELA	1

AGE-RAGE sign MAPK8	1
AGE-RAGE sign CCL2	1
AGE-RAGE sign MAPK1	1
AGE-RAGE sign STAT5A	1
AGE-RAGE sign STAT5B	1
AGE-RAGE sign EGR1	1
AGE-RAGE sign TGFB2	1
AGE-RAGE sign SMAD4	1
AGE-RAGE sign TGFB1	1
AGE-RAGE sign VCAM1	1
AGE-RAGE sign TGFB3	1
AGE-RAGE sign STAT1	1
AGE-RAGE sign NOS3	1
AGE-RAGE sign STAT3	1
AGE-RAGE sign FN1	1
AGE-RAGE sign VEGFB	1
AGE-RAGE sign MAPK14	1
AGE-RAGE sign SELE	1
AGE-RAGE sign NFKB1	1
AGE-RAGE sign AGT	1
AGE-RAGE sign VEGFA	1
AGE-RAGE sign IL6	1
AGE-RAGE sign BCL2	1
AGE-RAGE sign NOX4	1
AGE-RAGE sign BAX	1
Hepatitis C IFNA1	1
Hepatitis C IFNA2	1
Hepatitis C PIK3CD	1
Hepatitis C FASLG	1
Hepatitis C PIK3CB	1
Hepatitis C TNF	1
Hepatitis C CASP9	1
Hepatitis C CASP8	1
Hepatitis C CCND1	1
Hepatitis C MYC	1
Hepatitis C CASP3	1
Hepatitis C AKT1	1
Hepatitis C JAK1	1
Hepatitis C IFNAR2	1
Hepatitis C IFNA13	1
Hepatitis C DDX58	1
Hepatitis C IFNA17	1

Hepatitis C	TRAF2	1
Hepatitis C	YWHAZ	1
Hepatitis C	TNFRSF1A	1
Hepatitis C	CLDN11	1
Hepatitis C	CLDN5	1
Hepatitis C	CLDN3	1
Hepatitis C	OAS1	1
Hepatitis C	PIK3CA	1
Hepatitis C	IFNG	1
Hepatitis C	TRAF3	1
Hepatitis C	TRAF6	1
Hepatitis C	RAF1	1
Hepatitis C	PPARA	1
Hepatitis C	TP53	1
Hepatitis C	TLR3	1
Hepatitis C	IFNAR1	1
Hepatitis C	RNASEL	1
Hepatitis C	PIK3R3	1
Hepatitis C	RELA	1
Hepatitis C	EGFR	1
Hepatitis C	SOCS3	1
Hepatitis C	MAPK1	1
Hepatitis C	RIPK1	1
Hepatitis C	BID	1
Hepatitis C	LDLR	1
Hepatitis C	EGF	1
Hepatitis C	STAT1	1
Hepatitis C	IFNB1	1
Hepatitis C	MX1	1
Hepatitis C	STAT3	1
Hepatitis C	EIF2AK3	1
Hepatitis C	EIF2AK2	1
Hepatitis C	NR1H3	1
Hepatitis C	NFKB1	1
Hepatitis C	NFKBIA	1
Hepatitis C	CXCL10	1
Hepatitis C	OCLN	1
Hepatitis C	MAVS	1
Hepatitis C	FAS	1
Hepatitis C	BAX	1
Hepatitis C	CTNNB1	1
Th1 and Th2 cell	NOTCH2	1

Th1 and Th2 cell NOTCH3	1
Th1 and Th2 cell NOTCH1	1
Th1 and Th2 cell GATA3	1
Th1 and Th2 cell RBPJ	1
Th1 and Th2 cell RELA	1
Th1 and Th2 cell DLL4	1
Th1 and Th2 cell MAPK8	1
Th1 and Th2 cell HLA-DMA	1
Th1 and Th2 cell HLA-DMB	1
Th1 and Th2 cell TBX21	1
Th1 and Th2 cell STAT4	1
Th1 and Th2 cell IL12B	1
Th1 and Th2 cell MAPK1	1
Th1 and Th2 cell IL12A	1
Th1 and Th2 cell STAT6	1
Th1 and Th2 cell HLA-DOA	1
Th1 and Th2 cell JAK2	1
Th1 and Th2 cell JAK3	1
Th1 and Th2 cell HLA-DQA2	1
Th1 and Th2 cell HLA-DQA1	1
Th1 and Th2 cell HLA-DPA1	1
Th1 and Th2 cell JAK1	1
Th1 and Th2 cell STAT5A	1
Th1 and Th2 cell STAT5B	1
Th1 and Th2 cell HLA-DRB5	1
Th1 and Th2 cell IL4R	1
Th1 and Th2 cell JAG1	1
Th1 and Th2 cell IFNGR1	1
Th1 and Th2 cell STAT1	1
Th1 and Th2 cell IL13	1
Th1 and Th2 cell FOS	1
Th1 and Th2 cell MAPK14	1
Th1 and Th2 cell IL2	1
Th1 and Th2 cell NFKB1	1
Th1 and Th2 cell IL4	1
Th1 and Th2 cell NFKBIA	1
Th1 and Th2 cell IL5	1
Th1 and Th2 cell IFNG	1
Th1 and Th2 cell IL2RA	1
Th1 and Th2 cell IL2RB	1
Th1 and Th2 cell HLA-DPB1	1
Th1 and Th2 cell HLA-DRA	1

Th1 and Th2 cell HLA-DRB1	1
Th1 and Th2 cell HLA-DQB1	1
Chagas disease C1QA	1
Chagas disease CXCL8	1
Chagas disease SERPINE1	1
Chagas disease PIK3R3	1
Chagas disease PIK3CD	1
Chagas disease FASLG	1
Chagas disease PIK3CB	1
Chagas disease TNF	1
Chagas disease KNG1	1
Chagas disease RELA	1
Chagas disease C3	1
Chagas disease MAPK8	1
Chagas disease CASP8	1
Chagas disease IRAK1	1
Chagas disease GNA11	1
Chagas disease CCL5	1
Chagas disease CCL3	1
Chagas disease AKT1	1
Chagas disease IL12B	1
Chagas disease CCL2	1
Chagas disease MAPK1	1
Chagas disease IL12A	1
Chagas disease IL10	1
Chagas disease TGFB2	1
Chagas disease TGFB1	1
Chagas disease ACE	1
Chagas disease NOS2	1
Chagas disease TGFB3	1
Chagas disease IFNGR1	1
Chagas disease IFNB1	1
Chagas disease FOS	1
Chagas disease MAPK14	1
Chagas disease NFKB1	1
Chagas disease IL2	1
Chagas disease TGFB1	1
Chagas disease TNFRSF1A	1
Chagas disease NFKBIA	1
Chagas disease IL6	1
Chagas disease PIK3CA	1
Chagas disease IFNG	1

Chagas disease	TRAF6	1
Chagas disease	IL1B	1
Chagas disease	TLR9	1
Chagas disease	FAS	1
Chagas disease	TLR4	1
Chagas disease	MYD88	1
Chagas disease	TLR2	1
Malaria	CD40	1
Malaria	CSF3	1
Malaria	CXCL8	1
Malaria	LRP1	1
Malaria	KLRB1	1
Malaria	ITGB2	1
Malaria	HBB	1
Malaria	ITGAL	1
Malaria	TNF	1
Malaria	THBS1	1
Malaria	ICAM1	1
Malaria	KLRK1	1
Malaria	KLRC4-KLRK1	1
Malaria	CCL2	1
Malaria	IL12A	1
Malaria	IL10	1
Malaria	TGFB2	1
Malaria	TGFB1	1
Malaria	VCAM1	1
Malaria	TGFB3	1
Malaria	HGF	1
Malaria	IL18	1
Malaria	SELE	1
Malaria	SELP	1
Malaria	IL6	1
Malaria	CD40LG	1
Malaria	IFNG	1
Malaria	IL1B	1
Malaria	TLR9	1
Malaria	PECAM1	1
Malaria	SDC1	1
Malaria	TLR4	1
Malaria	MYD88	1
Malaria	TLR2	1
Intestinal immun	CD86	1

Intestinal immun CD40	1
Intestinal immun CD80	1
Intestinal immun CXCR4	1
Intestinal immun TNFRSF13C	1
Intestinal immun TNFSF13B	1
Intestinal immun HLA-DMA	1
Intestinal immun HLA-DMB	1
Intestinal immun CCR9	1
Intestinal immun TNFRSF17	1
Intestinal immun HLA-DOA	1
Intestinal immun HLA-DQA2	1
Intestinal immun ICOSLG	1
Intestinal immun HLA-DQA1	1
Intestinal immun HLA-DPA1	1
Intestinal immun IL10	1
Intestinal immun HLA-DRB5	1
Intestinal immun TGFB1	1
Intestinal immun ITGA4	1
Intestinal immun IL15	1
Intestinal immun TNFSF13	1
Intestinal immun AICDA	1
Intestinal immun IL2	1
Intestinal immun IL4	1
Intestinal immun IL6	1
Intestinal immun IL5	1
Intestinal immun CXCL12	1
Intestinal immun CD40LG	1
Intestinal immun CD28	1
Intestinal immun HLA-DPB1	1
Intestinal immun HLA-DRA	1
Intestinal immun HLA-DRB1	1
Intestinal immun HLA-DQB1	1
Graft-versus-hos CD86	1
Graft-versus-hos CD80	1
Graft-versus-hos PRF1	1
Graft-versus-hos FASLG	1
Graft-versus-hos TNF	1
Graft-versus-hos KIR2DL3	1
Graft-versus-hos HLA-DMA	1
Graft-versus-hos HLA-DMB	1
Graft-versus-hos HLA-DOA	1
Graft-versus-hos HLA-DQA2	1

Graft-versus-hos HLA-DQA1	1
Graft-versus-hos HLA-DPA1	1
Graft-versus-hos HLA-DRB5	1
Graft-versus-hos HLA-B	1
Graft-versus-hos GZMB	1
Graft-versus-hos HLA-C	1
Graft-versus-hos KIR3DL1	1
Graft-versus-hos HLA-A	1
Graft-versus-hos HLA-F	1
Graft-versus-hos HLA-G	1
Graft-versus-hos IL2	1
Graft-versus-hos IL1A	1
Graft-versus-hos IL6	1
Graft-versus-hos IFNG	1
Graft-versus-hos IL1B	1
Graft-versus-hos CD28	1
Graft-versus-hos HLA-DPB1	1
Graft-versus-hos FAS	1
Graft-versus-hos HLA-DRA	1
Graft-versus-hos HLA-DRB1	1
Graft-versus-hos HLA-DQB1	1
Viral myocarditis CD86	1
Viral myocarditis CD40	1
Viral myocarditis CD80	1
Viral myocarditis ITGB2	1
Viral myocarditis PRF1	1
Viral myocarditis ITGAL	1
Viral myocarditis ACTB	1
Viral myocarditis ACTG1	1
Viral myocarditis ICAM1	1
Viral myocarditis CASP9	1
Viral myocarditis HLA-DMA	1
Viral myocarditis CASP8	1
Viral myocarditis HLA-DMB	1
Viral myocarditis CCND1	1
Viral myocarditis CASP3	1
Viral myocarditis RAC2	1
Viral myocarditis ABL1	1
Viral myocarditis FYN	1
Viral myocarditis HLA-DOA	1
Viral myocarditis BID	1
Viral myocarditis HLA-DQA2	1

Viral myocarditis HLA-DQA1	1
Viral myocarditis HLA-DPA1	1
Viral myocarditis HLA-DRB5	1
Viral myocarditis CAV1	1
Viral myocarditis HLA-B	1
Viral myocarditis HLA-C	1
Viral myocarditis HLA-A	1
Viral myocarditis HLA-F	1
Viral myocarditis HLA-G	1
Viral myocarditis CD40LG	1
Viral myocarditis CD28	1
Viral myocarditis HLA-DPB1	1
Viral myocarditis HLA-DRA	1
Viral myocarditis HLA-DRB1	1
Viral myocarditis HLA-DQB1	1
Autoimmune thyrCD86	1
Autoimmune thyrCD40	1
Autoimmune thyrIFNA1	1
Autoimmune thyrCD80	1
Autoimmune thyrIFNA2	1
Autoimmune thyrPRF1	1
Autoimmune thyrFASLG	1
Autoimmune thyrHLA-DMA	1
Autoimmune thyrHLA-DMB	1
Autoimmune thyrCTLA4	1
Autoimmune thyrHLA-DOA	1
Autoimmune thyrHLA-DQA2	1
Autoimmune thyrHLA-DQA1	1
Autoimmune thyrHLA-DPA1	1
Autoimmune thyrIL10	1
Autoimmune thyrIFNA13	1
Autoimmune thyrHLA-DRB5	1
Autoimmune thyrIFNA17	1
Autoimmune thyrHLA-B	1
Autoimmune thyrHLA-C	1
Autoimmune thyrGZMB	1
Autoimmune thyrHLA-A	1
Autoimmune thyrHLA-F	1
Autoimmune thyrHLA-G	1
Autoimmune thyrIL2	1
Autoimmune thyrIL4	1
Autoimmune thyrIL5	1

Autoimmune thyr	CD40LG	1
Autoimmune thyr	CD28	1
Autoimmune thyr	HLA-DPB1	1
Autoimmune thyr	FAS	1
Autoimmune thyr	HLA-DRA	1
Autoimmune thyr	HLA-DRB1	1
Autoimmune thyr	HLA-DQB1	1
Necroptosis	H2AX	1
Necroptosis	IFNA1	1
Necroptosis	IFNA2	1
Necroptosis	TNFAIP3	1
Necroptosis	FASLG	1
Necroptosis	HMGB1	1
Necroptosis	TNF	1
Necroptosis	CASP8	1
Necroptosis	SMPD1	1
Necroptosis	TNFSF10	1
Necroptosis	CASP1	1
Necroptosis	DNM1L	1
Necroptosis	JAK2	1
Necroptosis	JAK3	1
Necroptosis	JAK1	1
Necroptosis	IFNAR2	1
Necroptosis	IFNA13	1
Necroptosis	HSP90AA1	1
Necroptosis	PARP1	1
Necroptosis	IFNGR1	1
Necroptosis	IFNA17	1
Necroptosis	CYBB	1
Necroptosis	PLA2G4A	1
Necroptosis	TRAF2	1
Necroptosis	TNFRSF1A	1
Necroptosis	IL1A	1
Necroptosis	IFNG	1
Necroptosis	IL1B	1
Necroptosis	TLR4	1
Necroptosis	SLC25A4	1
Necroptosis	BIRC2	1
Necroptosis	TLR3	1
Necroptosis	IFNAR1	1
Necroptosis	BIRC3	1
Necroptosis	ALOX15	1

Necroptosis	SPATA2	1
Necroptosis	XIAP	1
Necroptosis	MAPK8	1
Necroptosis	STAT4	1
Necroptosis	NLRP3	1
Necroptosis	TRPM7	1
Necroptosis	RIPK1	1
Necroptosis	STAT6	1
Necroptosis	BID	1
Necroptosis	STAT5A	1
Necroptosis	STAT5B	1
Necroptosis	IL33	1
Necroptosis	STAT1	1
Necroptosis	IFNB1	1
Necroptosis	STAT3	1
Necroptosis	TNFRSF10B	1
Necroptosis	EIF2AK2	1
Necroptosis	TNFRSF10A	1
Necroptosis	BCL2	1
Necroptosis	FAS	1
Necroptosis	BAX	1
Influenza A	CIITA	1
Influenza A	CXCL8	1
Influenza A	IFNA1	1
Influenza A	IFNA2	1
Influenza A	PIK3CD	1
Influenza A	FASLG	1
Influenza A	PIK3CB	1
Influenza A	TNF	1
Influenza A	ACTB	1
Influenza A	ACTG1	1
Influenza A	ICAM1	1
Influenza A	CASP9	1
Influenza A	IFIH1	1
Influenza A	CASP8	1
Influenza A	CASP3	1
Influenza A	TNFSF10	1
Influenza A	CASP1	1
Influenza A	AKT1	1
Influenza A	IL12B	1
Influenza A	IL12A	1
Influenza A	PRSS3	1

Influenza A	HLA-DOA	1
Influenza A	TPSAB1	1
Influenza A	JAK2	1
Influenza A	HLA-DPA1	1
Influenza A	JAK1	1
Influenza A	IFNAR2	1
Influenza A	IFNA13	1
Influenza A	PRKCB	1
Influenza A	DDX58	1
Influenza A	IFNGR1	1
Influenza A	IFNA17	1
Influenza A	IL18	1
Influenza A	PRKCA	1
Influenza A	TNFRSF1A	1
Influenza A	IL1A	1
Influenza A	OAS1	1
Influenza A	PIK3CA	1
Influenza A	IFNG	1
Influenza A	TRAF3	1
Influenza A	IL1B	1
Influenza A	TLR7	1
Influenza A	RAF1	1
Influenza A	TLR4	1
Influenza A	SLC25A4	1
Influenza A	TLR3	1
Influenza A	IFNAR1	1
Influenza A	HLA-DQB1	1
Influenza A	RNASEL	1
Influenza A	PIK3R3	1
Influenza A	PLG	1
Influenza A	RELA	1
Influenza A	SOCS3	1
Influenza A	NXF1	1
Influenza A	HLA-DMA	1
Influenza A	HLA-DMB	1
Influenza A	CCL5	1
Influenza A	NLRP3	1
Influenza A	CCL2	1
Influenza A	MAPK1	1
Influenza A	BID	1
Influenza A	HLA-DQA2	1
Influenza A	HLA-DQA1	1

Influenza A	IL33	1
Influenza A	HLA-DRB5	1
Influenza A	STAT1	1
Influenza A	IFNB1	1
Influenza A	MX1	1
Influenza A	TNFRSF10B	1
Influenza A	EIF2AK2	1
Influenza A	TNFRSF10A	1
Influenza A	NFKB1	1
Influenza A	PML	1
Influenza A	NFKBIA	1
Influenza A	CXCL10	1
Influenza A	MAVS	1
Influenza A	IL6	1
Influenza A	HLA-DPB1	1
Influenza A	HLA-DRA	1
Influenza A	FAS	1
Influenza A	BAX	1
Influenza A	MYD88	1
Influenza A	HLA-DRB1	1
Fluid shear stres	BMPR2	1
Fluid shear stres	NCF1	1
Fluid shear stres	PIK3CD	1
Fluid shear stres	PLAT	1
Fluid shear stres	PIK3CB	1
Fluid shear stres	TNF	1
Fluid shear stres	ACTB	1
Fluid shear stres	ACTG1	1
Fluid shear stres	ICAM1	1
Fluid shear stres	KDR	1
Fluid shear stres	RAC2	1
Fluid shear stres	AKT1	1
Fluid shear stres	MAP3K7	1
Fluid shear stres	MAP3K5	1
Fluid shear stres	EDN1	1
Fluid shear stres	HSP90AA1	1
Fluid shear stres	GSTO1	1
Fluid shear stres	MMP2	1
Fluid shear stres	FOS	1
Fluid shear stres	MMP9	1
Fluid shear stres	TNFRSF1A	1
Fluid shear stres	IL1A	1

Fluid shear stres PIK3CA	1
Fluid shear stres IFNG	1
Fluid shear stres IL1B	1
Fluid shear stres PECAM1	1
Fluid shear stres ARHGEF2	1
Fluid shear stres TP53	1
Fluid shear stres GSTP1	1
Fluid shear stres PIK3R3	1
Fluid shear stres TXN	1
Fluid shear stres RELA	1
Fluid shear stres MAPK8	1
Fluid shear stres HMOX1	1
Fluid shear stres CCL2	1
Fluid shear stres NQO1	1
Fluid shear stres VCAM1	1
Fluid shear stres GSTM1	1
Fluid shear stres NOS3	1
Fluid shear stres CAV1	1
Fluid shear stres MAPK14	1
Fluid shear stres SELE	1
Fluid shear stres NFKB1	1
Fluid shear stres VEGFA	1
Fluid shear stres BMP4	1
Fluid shear stres BCL2	1
Fluid shear stres SDC1	1
Fluid shear stres CTNNB1	1
Fluid shear stres CALM3	1
Fluid shear stres CALM1	1
Fluid shear stres CALM2	1
Fluid shear stres NFE2L2	1
Human immunodIFNA1	1
Human immunodIFNA2	1
Human immunodPIK3CD	1
Human immunodFASLG	1
Human immunodPIK3CB	1
Human immunodTNF	1
Human immunodCASP9	1
Human immunodCASP8	1
Human immunodCASP3	1
Human immunodCFL1	1
Human immunodRAC2	1
Human immunodAKT1	1

Human immunodCCR5	1
Human immunodB2M	1
Human immunodMAP3K7	1
Human immunodIFNA13	1
Human immunodPRKCB	1
Human immunodIFNA17	1
Human immunodHLA-B	1
Human immunodHLA-C	1
Human immunodTAP1	1
Human immunodPRKCA	1
Human immunodTRAF2	1
Human immunodHLA-A	1
Human immunodFOS	1
Human immunodHLA-F	1
Human immunodTNFRSF1B	1
Human immunodHLA-G	1
Human immunodTNFRSF1A	1
Human immunodPIK3CA	1
Human immunodTRAF6	1
Human immunodRAF1	1
Human immunodTLR4	1
Human immunodCRK	1
Human immunodTLR2	1
Human immunodPIK3R3	1
Human immunodCXCR4	1
Human immunodITPR3	1
Human immunodRELA	1
Human immunodMAPK8	1
Human immunodGNG2	1
Human immunodIRAK1	1
Human immunodGNA11	1
Human immunodMAPK1	1
Human immunodRIPK1	1
Human immunodBID	1
Human immunodIFNB1	1
Human immunodMAPK14	1
Human immunodNFKB1	1
Human immunodMTOR	1
Human immunodBST2	1
Human immunodNFKBIA	1
Human immunodSTING1	1
Human immunodRPS6KB1	1

Human immunod	BCL2	1
Human immunod	FAS	1
Human immunod	GNB3	1
Human immunod	BAX	1
Human immunod	CALM3	1
Human immunod	ATM	1
Human immunod	CALM1	1
Human immunod	CALM2	1
Human immunod	MYD88	1
Human immunod	BCL2L1	1
Apoptosis	CTSZ	1
Apoptosis	PRF1	1
Apoptosis	PIK3CD	1
Apoptosis	FASLG	1
Apoptosis	PIK3CB	1
Apoptosis	TNF	1
Apoptosis	ACTB	1
Apoptosis	ACTG1	1
Apoptosis	LMNB1	1
Apoptosis	CASP9	1
Apoptosis	CASP8	1
Apoptosis	CASP3	1
Apoptosis	TNFSF10	1
Apoptosis	AKT1	1
Apoptosis	CTSH	1
Apoptosis	MAP3K5	1
Apoptosis	DAXX	1
Apoptosis	PARP1	1
Apoptosis	TRAF2	1
Apoptosis	TRAF1	1
Apoptosis	FOS	1
Apoptosis	NGF	1
Apoptosis	TNFRSF1A	1
Apoptosis	ERN1	1
Apoptosis	PIK3CA	1
Apoptosis	DDIT3	1
Apoptosis	RAF1	1
Apoptosis	TP53	1
Apoptosis	BIRC2	1
Apoptosis	ATF4	1
Apoptosis	BIRC3	1
Apoptosis	PIK3R3	1

Apoptosis	XIAP	1
Apoptosis	ITPR3	1
Apoptosis	RELA	1
Apoptosis	MAPK8	1
Apoptosis	LMNA	1
Apoptosis	MAPK1	1
Apoptosis	RIPK1	1
Apoptosis	BID	1
Apoptosis	EIF2AK3	1
Apoptosis	TNFRSF10B	1
Apoptosis	GZMB	1
Apoptosis	TNFRSF10A	1
Apoptosis	NFKB1	1
Apoptosis	NFKBIA	1
Apoptosis	IL3	1
Apoptosis	BCL2	1
Apoptosis	FAS	1
Apoptosis	BAX	1
Apoptosis	ATM	1
Apoptosis	BCL2L1	1
Natural killer cell	CSF2	1
Natural killer cell	IFNA1	1
Natural killer cell	ITGB2	1
Natural killer cell	IFNA2	1
Natural killer cell	PRF1	1
Natural killer cell	PIK3CD	1
Natural killer cell	FASLG	1
Natural killer cell	PIK3CB	1
Natural killer cell	ITGAL	1
Natural killer cell	TNF	1
Natural killer cell	ICAM1	1
Natural killer cell	FCGR3A	1
Natural killer cell	FCGR3B	1
Natural killer cell	CASP3	1
Natural killer cell	TNFSF10	1
Natural killer cell	RAC2	1
Natural killer cell	IFNAR2	1
Natural killer cell	IFNA13	1
Natural killer cell	PRKCB	1
Natural killer cell	IFNGR1	1
Natural killer cell	IFNA17	1
Natural killer cell	HLA-B	1

Natural killer cell HLA-C	1
Natural killer cell PRKCA	1
Natural killer cell HLA-A	1
Natural killer cell HLA-G	1
Natural killer cell NCR1	1
Natural killer cell TYROBP	1
Natural killer cell PIK3CA	1
Natural killer cell IFNG	1
Natural killer cell CD48	1
Natural killer cell RAF1	1
Natural killer cell IFNAR1	1
Natural killer cell PIK3R3	1
Natural killer cell KIR2DL3	1
Natural killer cell KLRK1	1
Natural killer cell SH3BP2	1
Natural killer cell KLRC4-KLRK1	1
Natural killer cell MAPK1	1
Natural killer cell FYN	1
Natural killer cell BID	1
Natural killer cell MICA	1
Natural killer cell IFNB1	1
Natural killer cell TNFRSF10B	1
Natural killer cell GZMB	1
Natural killer cell TNFRSF10A	1
Natural killer cell PTPN11	1
Natural killer cell KIR3DL1	1
Natural killer cell FAS	1
Natural killer cell PTPN6	1
Osteoclast differ NCF1	1
Osteoclast differ SIRPG	1
Osteoclast differ PIK3CD	1
Osteoclast differ PIK3CB	1
Osteoclast differ TNF	1
Osteoclast differ FCGR3A	1
Osteoclast differ FCGR3B	1
Osteoclast differ AKT1	1
Osteoclast differ TNFSF11	1
Osteoclast differ MAP3K7	1
Osteoclast differ JAK1	1
Osteoclast differ IFNAR2	1
Osteoclast differ IFNGR1	1
Osteoclast differ TRAF2	1

Osteoclast differ FOS	1
Osteoclast differ TGFBR1	1
Osteoclast differ TNFRSF1A	1
Osteoclast differ IL1A	1
Osteoclast differ TYROBP	1
Osteoclast differ CREB1	1
Osteoclast differ PIK3CA	1
Osteoclast differ IFNG	1
Osteoclast differ TRAF6	1
Osteoclast differ IL1B	1
Osteoclast differ BTK	1
Osteoclast differ PPARG	1
Osteoclast differ IFNAR1	1
Osteoclast differ CSF1R	1
Osteoclast differ PIK3R3	1
Osteoclast differ TNFRSF11B	1
Osteoclast differ TNFRSF11A	1
Osteoclast differ RELA	1
Osteoclast differ RELB	1
Osteoclast differ SOCS3	1
Osteoclast differ MAPK8	1
Osteoclast differ SOCS1	1
Osteoclast differ MAPK1	1
Osteoclast differ FYN	1
Osteoclast differ FCGR1A	1
Osteoclast differ TGFB2	1
Osteoclast differ TGFB1	1
Osteoclast differ STAT1	1
Osteoclast differ IFNB1	1
Osteoclast differ LILRB1	1
Osteoclast differ MAPK14	1
Osteoclast differ NFKB1	1
Osteoclast differ NFKB2	1
Osteoclast differ NFKBIA	1
Osteoclast differ FCGR2A	1
Proteoglycans in ITGB1	1
Proteoglycans in PIK3CD	1
Proteoglycans in FASLG	1
Proteoglycans in PIK3CB	1
Proteoglycans in TNF	1
Proteoglycans in ACTB	1
Proteoglycans in ACTG1	1

Proteoglycans in IGF1R	1
Proteoglycans in SHH	1
Proteoglycans in CCND1	1
Proteoglycans in MYC	1
Proteoglycans in CASP3	1
Proteoglycans in KDR	1
Proteoglycans in AKT1	1
Proteoglycans in IL12B	1
Proteoglycans in TIMP3	1
Proteoglycans in PRKCB	1
Proteoglycans in HGF	1
Proteoglycans in MMP2	1
Proteoglycans in RPS6	1
Proteoglycans in PRKCA	1
Proteoglycans in MIR21	1
Proteoglycans in MMP9	1
Proteoglycans in DCN	1
Proteoglycans in PIK3CA	1
Proteoglycans in RAF1	1
Proteoglycans in TP53	1
Proteoglycans in TLR4	1
Proteoglycans in CD44	1
Proteoglycans in TLR2	1
Proteoglycans in PIK3R3	1
Proteoglycans in ITPR3	1
Proteoglycans in IQGAP1	1
Proteoglycans in HIF1A	1
Proteoglycans in THBS1	1
Proteoglycans in EGFR	1
Proteoglycans in ERBB3	1
Proteoglycans in FLNA	1
Proteoglycans in MAPK1	1
Proteoglycans in FLNB	1
Proteoglycans in WNT1	1
Proteoglycans in WNT3	1
Proteoglycans in TGFB2	1
Proteoglycans in TGFB1	1
Proteoglycans in FZD4	1
Proteoglycans in CAV1	1
Proteoglycans in STAT3	1
Proteoglycans in FN1	1
Proteoglycans in MSN	1

Proteoglycans in PTPN11	1
Proteoglycans in IGF1	1
Proteoglycans in MAPK14	1
Proteoglycans in ESR1	1
Proteoglycans in MTOR	1
Proteoglycans in VEGFA	1
Proteoglycans in RPS6KB1	1
Proteoglycans in SDC1	1
Proteoglycans in CTNNB1	1
Proteoglycans in FAS	1
Proteoglycans in PTPN6	1
Proteoglycans in HPSE	1
Proteoglycans in FGFR1	1
Hematopoietic c CSF1R	1
Hematopoietic c CSF3	1
Hematopoietic c CSF2	1
Hematopoietic c ITGAM	1
Hematopoietic c EPO	1
Hematopoietic c IL5RA	1
Hematopoietic c CD1D	1
Hematopoietic c TNF	1
Hematopoietic c HLA-DMA	1
Hematopoietic c HLA-DMB	1
Hematopoietic c ANPEP	1
Hematopoietic c CD19	1
Hematopoietic c CD38	1
Hematopoietic c CD14	1
Hematopoietic c HLA-DOA	1
Hematopoietic c FCGR1A	1
Hematopoietic c IL6R	1
Hematopoietic c HLA-DQA2	1
Hematopoietic c CD34	1
Hematopoietic c HLA-DQA1	1
Hematopoietic c HLA-DPA1	1
Hematopoietic c IL11	1
Hematopoietic c HLA-DRB5	1
Hematopoietic c IL4R	1
Hematopoietic c ITGA4	1
Hematopoietic c DNTT	1
Hematopoietic c IL4	1
Hematopoietic c IL3	1
Hematopoietic c IL1A	1

Hematopoietic c	IL6	1
Hematopoietic c	IL5	1
Hematopoietic c	CD8A	1
Hematopoietic c	IL7	1
Hematopoietic c	IL1B	1
Hematopoietic c	IL2RA	1
Hematopoietic c	HLA-DPB1	1
Hematopoietic c	HLA-DRA	1
Hematopoietic c	IL7R	1
Hematopoietic c	CD24	1
Hematopoietic c	MS4A1	1
Hematopoietic c	HLA-DRB1	1
Hematopoietic c	CD44	1
Hematopoietic c	HLA-DQB1	1
Pertussis	ITGB1	1
Pertussis	C1QA	1
Pertussis	CXCL8	1
Pertussis	ITGAM	1
Pertussis	ITGB2	1
Pertussis	TNF	1
Pertussis	CXCL5	1
Pertussis	RELA	1
Pertussis	C2	1
Pertussis	C3	1
Pertussis	MAPK8	1
Pertussis	IRAK1	1
Pertussis	CASP3	1
Pertussis	CFL1	1
Pertussis	CASP1	1
Pertussis	IL12B	1
Pertussis	NLRP3	1
Pertussis	MAPK1	1
Pertussis	IL12A	1
Pertussis	CD14	1
Pertussis	IL10	1
Pertussis	NOS2	1
Pertussis	FOS	1
Pertussis	MAPK14	1
Pertussis	NFKB1	1
Pertussis	IL1A	1
Pertussis	IL6	1
Pertussis	IL23A	1

Pertussis	IL1B	1
Pertussis	IRF1	1
Pertussis	TRAF6	1
Pertussis	IRF8	1
Pertussis	SERPING1	1
Pertussis	CALM3	1
Pertussis	CALM1	1
Pertussis	TLR4	1
Pertussis	CALM2	1
Pertussis	MYD88	1
Legionellosis	CXCL8	1
Legionellosis	ITGAM	1
Legionellosis	ITGB2	1
Legionellosis	CXCL1	1
Legionellosis	NLRC4	1
Legionellosis	CXCL2	1
Legionellosis	TNF	1
Legionellosis	RELA	1
Legionellosis	HSPD1	1
Legionellosis	CASP9	1
Legionellosis	C3	1
Legionellosis	CASP8	1
Legionellosis	CASP3	1
Legionellosis	CASP1	1
Legionellosis	IL12B	1
Legionellosis	IL12A	1
Legionellosis	CD14	1
Legionellosis	HSPA1L	1
Legionellosis	IL18	1
Legionellosis	HSPA2	1
Legionellosis	NFKB1	1
Legionellosis	NFKB2	1
Legionellosis	NFKBIA	1
Legionellosis	IL6	1
Legionellosis	IL1B	1
Legionellosis	TLR4	1
Legionellosis	NAIP	1
Legionellosis	HSPA1B	1
Legionellosis	MYD88	1
Legionellosis	TLR2	1
Legionellosis	HSPA1A	1
MAPK signaling	HSPB1	1

MAPK signaling	FASLG	1
MAPK signaling	FGF1	1
MAPK signaling	TNF	1
MAPK signaling	IGF1R	1
MAPK signaling	MYC	1
MAPK signaling	CASP3	1
MAPK signaling	STMN1	1
MAPK signaling	KDR	1
MAPK signaling	RAC2	1
MAPK signaling	AKT1	1
MAPK signaling	MAP3K7	1
MAPK signaling	MAP3K5	1
MAPK signaling	DAXX	1
MAPK signaling	PRKCB	1
MAPK signaling	HGF	1
MAPK signaling	PLA2G4A	1
MAPK signaling	PRKCA	1
MAPK signaling	TRAF2	1
MAPK signaling	FOS	1
MAPK signaling	NGF	1
MAPK signaling	TGFBR1	1
MAPK signaling	TNFRSF1A	1
MAPK signaling	IL1A	1
MAPK signaling	DDIT3	1
MAPK signaling	IL1B	1
MAPK signaling	TRAF6	1
MAPK signaling	MAPT	1
MAPK signaling	RAF1	1
MAPK signaling	TP53	1
MAPK signaling	CRK	1
MAPK signaling	ATF4	1
MAPK signaling	CSF1R	1
MAPK signaling	TGFA	1
MAPK signaling	RASGRP1	1
MAPK signaling	RELA	1
MAPK signaling	EGFR	1
MAPK signaling	RELB	1
MAPK signaling	INS	1
MAPK signaling	MAPK8	1
MAPK signaling	RAP1A	1
MAPK signaling	IRAK1	1
MAPK signaling	ERBB3	1

MAPK signaling NTF3	1
MAPK signaling FLNA	1
MAPK signaling MAPK1	1
MAPK signaling FLNB	1
MAPK signaling CD14	1
MAPK signaling FGF23	1
MAPK signaling TGFB2	1
MAPK signaling TGFB1	1
MAPK signaling ANGPT2	1
MAPK signaling HSPA1L	1
MAPK signaling TGFB3	1
MAPK signaling BDNF	1
MAPK signaling EGF	1
MAPK signaling VEGFB	1
MAPK signaling IGF1	1
MAPK signaling HSPA2	1
MAPK signaling MAPK14	1
MAPK signaling NFKB1	1
MAPK signaling VEGFA	1
MAPK signaling NFKB2	1
MAPK signaling NR4A1	1
MAPK signaling FAS	1
MAPK signaling HSPA1B	1
MAPK signaling MYD88	1
MAPK signaling HSPA1A	1
MAPK signaling FGFR1	1
Viral protein interCXCL9	1
Viral protein interCXCL8	1
Viral protein interCXCL1	1
Viral protein interCXCL13	1
Viral protein interTNF	1
Viral protein interCXCL2	1
Viral protein interCX3CL1	1
Viral protein interCXCL5	1
Viral protein interTNFSF10	1
Viral protein interCCR9	1
Viral protein interCCR8	1
Viral protein interCCR7	1
Viral protein interCCR6	1
Viral protein interCCR5	1
Viral protein interIL6R	1
Viral protein interCCR4	1

Viral protein interCCR3	1
Viral protein interCCR2	1
Viral protein interIL10	1
Viral protein interIL18	1
Viral protein interTNFRSF1B	1
Viral protein interTNFRSF1A	1
Viral protein interLTA	1
Viral protein interIL6ST	1
Viral protein interCX3CR1	1
Viral protein interCSF1R	1
Viral protein interCCL13	1
Viral protein interCCL11	1
Viral protein interCXCR5	1
Viral protein interCXCR4	1
Viral protein interCXCR1	1
Viral protein interCCL7	1
Viral protein interCXCR3	1
Viral protein interCCL5	1
Viral protein interCXCR2	1
Viral protein interCCL4	1
Viral protein interCCL3	1
Viral protein interCCL2	1
Viral protein interTNFRSF14	1
Viral protein interCCL1	1
Viral protein interCCL19	1
Viral protein interCCL18	1
Viral protein interCCL17	1
Viral protein interCCR1	1
Viral protein interCCL22	1
Viral protein interTNFSF14	1
Viral protein interCCL21	1
Viral protein interCCL20	1
Viral protein interIL10RB	1
Viral protein interIL37	1
Viral protein interIL10RA	1
Viral protein interTNFRSF10C	1
Viral protein interTNFRSF10B	1
Viral protein interTNFRSF10A	1
Viral protein interIL2	1
Viral protein interTNFRSF10D	1
Viral protein interCXCL10	1
Viral protein interCXCL11	1

Viral protein interIL6	1
Viral protein interCXCL12	1
Viral protein interIL2RA	1
Viral protein interIL2RB	1
Viral protein interACKR3	1
Viral protein interIL18R1	1
Viral protein interCCL27	1
C-type lectin rec PIK3R3	1
C-type lectin rec PIK3CD	1
C-type lectin rec ITPR3	1
C-type lectin rec BCL10	1
C-type lectin rec PIK3CB	1
C-type lectin rec PTGS2	1
C-type lectin rec TNF	1
C-type lectin rec RELA	1
C-type lectin rec MALT1	1
C-type lectin rec RELB	1
C-type lectin rec MAPK8	1
C-type lectin rec CASP8	1
C-type lectin rec CASP1	1
C-type lectin rec AKT1	1
C-type lectin rec IL12B	1
C-type lectin rec NLRP3	1
C-type lectin rec MAPK1	1
C-type lectin rec IL12A	1
C-type lectin rec CCL17	1
C-type lectin rec IL10	1
C-type lectin rec CCL22	1
C-type lectin rec STAT1	1
C-type lectin rec PTPN11	1
C-type lectin rec MAPK14	1
C-type lectin rec NFKB1	1
C-type lectin rec IL2	1
C-type lectin rec NFKB2	1
C-type lectin rec NFKBIA	1
C-type lectin rec IL6	1
C-type lectin rec PIK3CA	1
C-type lectin rec IL23A	1
C-type lectin rec IL1B	1
C-type lectin rec IRF1	1
C-type lectin rec BCL3	1
C-type lectin rec CALM3	1

C-type lectin rec CLEC4E	1
C-type lectin rec RAF1	1
C-type lectin rec CALM1	1
C-type lectin rec IL17D	1
C-type lectin rec CALM2	1
Pancreatic cancePIK3CD	1
Pancreatic cancePIK3R3	1
Pancreatic canceTGFA	1
Pancreatic cancePIK3CB	1
Pancreatic canceBRCA2	1
Pancreatic cancePLD1	1
Pancreatic canceRELA	1
Pancreatic canceEGFR	1
Pancreatic canceCASP9	1
Pancreatic canceMAPK8	1
Pancreatic canceCCND1	1
Pancreatic canceRAC2	1
Pancreatic canceAKT1	1
Pancreatic canceMAPK1	1
Pancreatic canceJAK1	1
Pancreatic canceRALBP1	1
Pancreatic canceTGFB2	1
Pancreatic canceSMAD4	1
Pancreatic canceTGFB1	1
Pancreatic canceEGF	1
Pancreatic canceTGFB3	1
Pancreatic canceSTAT1	1
Pancreatic canceCDKN2A	1
Pancreatic canceSTAT3	1
Pancreatic canceTGFB1	1
Pancreatic canceNFKB1	1
Pancreatic canceMTOR	1
Pancreatic canceVEGFA	1
Pancreatic cancePIK3CA	1
Pancreatic canceRPS6KB1	1
Pancreatic canceBAX	1
Pancreatic canceRAF1	1
Pancreatic canceTP53	1
Pancreatic canceBCL2L1	1
Antigen processi CIITA	1
Antigen processi TNF	1
Antigen processi KIR2DL3	1

Antigen processi HLA-DMA	1
Antigen processi HLA-DMB	1
Antigen processi HLA-DOA	1
Antigen processi B2M	1
Antigen processi HLA-DQA2	1
Antigen processi HLA-DQA1	1
Antigen processi HLA-DPA1	1
Antigen processi CD74	1
Antigen processi HSP90AA1	1
Antigen processi HLA-DRB5	1
Antigen processi HSPA5	1
Antigen processi HSPA1L	1
Antigen processi HSPA4	1
Antigen processi HLA-B	1
Antigen processi TAP1	1
Antigen processi HLA-C	1
Antigen processi KIR3DL1	1
Antigen processi HLA-A	1
Antigen processi HSPA2	1
Antigen processi HLA-F	1
Antigen processi HLA-G	1
Antigen processi CREB1	1
Antigen processi IFNG	1
Antigen processi CD8A	1
Antigen processi CANX	1
Antigen processi HLA-DPB1	1
Antigen processi HLA-DRA	1
Antigen processi HSPA1B	1
Antigen processi HLA-DRB1	1
Antigen processi HLA-DQB1	1
Antigen processi HSPA1A	1
Herpes simplex vIFNA1	1
Herpes simplex vIFNA2	1
Herpes simplex vPIK3CD	1
Herpes simplex vFASLG	1
Herpes simplex vPIK3CB	1
Herpes simplex vTNF	1
Herpes simplex vIFIH1	1
Herpes simplex vCASP9	1
Herpes simplex vCASP8	1
Herpes simplex vCASP3	1
Herpes simplex vAKT1	1

Herpes simplex vIL12B	1
Herpes simplex vIL12A	1
Herpes simplex vJAK2	1
Herpes simplex vHLA-DOA	1
Herpes simplex vMAP3K7	1
Herpes simplex vB2M	1
Herpes simplex vHLA-DPA1	1
Herpes simplex vJAK1	1
Herpes simplex vIFNAR2	1
Herpes simplex vDAXX	1
Herpes simplex vIFNA13	1
Herpes simplex vIFNGR1	1
Herpes simplex vDDX58	1
Herpes simplex vIFNA17	1
Herpes simplex vHLA-B	1
Herpes simplex vTAP1	1
Herpes simplex vHLA-C	1
Herpes simplex vTRAF2	1
Herpes simplex vHLA-A	1
Herpes simplex vHLA-F	1
Herpes simplex vHLA-G	1
Herpes simplex vTNFRSF1A	1
Herpes simplex vPIK3CA	1
Herpes simplex vOAS1	1
Herpes simplex vIFNG	1
Herpes simplex vTRAF3	1
Herpes simplex vTRAF6	1
Herpes simplex vIL1B	1
Herpes simplex vTLR9	1
Herpes simplex vLTA	1
Herpes simplex vZNF433	1
Herpes simplex vTP53	1
Herpes simplex vBIRC2	1
Herpes simplex vTLR3	1
Herpes simplex vHLA-DQB1	1
Herpes simplex vIFNAR1	1
Herpes simplex vBIRC3	1
Herpes simplex vTLR2	1
Herpes simplex vRNASEL	1
Herpes simplex vSRSF1	1
Herpes simplex vPIK3R3	1
Herpes simplex vCFP	1

Herpes simplex vRELA	1
Herpes simplex vC3	1
Herpes simplex vSOCS3	1
Herpes simplex vNXF1	1
Herpes simplex vHLA-DMA	1
Herpes simplex vHLA-DMB	1
Herpes simplex vIRAK1	1
Herpes simplex vCCL5	1
Herpes simplex vCCL2	1
Herpes simplex vTNFRSF14	1
Herpes simplex vBID	1
Herpes simplex vHLA-DQA2	1
Herpes simplex vHLA-DQA1	1
Herpes simplex vCD74	1
Herpes simplex vHLA-DRB5	1
Herpes simplex vTNFSF14	1
Herpes simplex vSTAT1	1
Herpes simplex vIFNB1	1
Herpes simplex vEIF2AK3	1
Herpes simplex vEIF2AK2	1
Herpes simplex vPTPN11	1
Herpes simplex vNFKB1	1
Herpes simplex vMTOR	1
Herpes simplex vPML	1
Herpes simplex vBST2	1
Herpes simplex vNFKBIA	1
Herpes simplex vMAVS	1
Herpes simplex vIL6	1
Herpes simplex vSTING1	1
Herpes simplex vHLA-DPB1	1
Herpes simplex vBCL2	1
Herpes simplex vHLA-DRA	1
Herpes simplex vFAS	1
Herpes simplex vBAX	1
Herpes simplex vHLA-DRB1	1
Herpes simplex vMYD88	1
Herpes simplex vNECTIN2	1
Herpes simplex vBCL2L1	1
Prolactin signalinPIK3CD	1
Prolactin signalinPIK3R3	1
Prolactin signalinPIK3CB	1
Prolactin signalinPRL	1

Prolactin signalin	TNFRSF11A	1
Prolactin signalin	FOXO3	1
Prolactin signalin	RELA	1
Prolactin signalin	INS	1
Prolactin signalin	CYP17A1	1
Prolactin signalin	SOCS3	1
Prolactin signalin	MAPK8	1
Prolactin signalin	SOCS1	1
Prolactin signalin	CCND1	1
Prolactin signalin	AKT1	1
Prolactin signalin	TNFSF11	1
Prolactin signalin	MAPK1	1
Prolactin signalin	JAK2	1
Prolactin signalin	STAT5A	1
Prolactin signalin	STAT5B	1
Prolactin signalin	CISH	1
Prolactin signalin	STAT1	1
Prolactin signalin	STAT3	1
Prolactin signalin	FOS	1
Prolactin signalin	MAPK14	1
Prolactin signalin	PRLR	1
Prolactin signalin	ESR1	1
Prolactin signalin	NFKB1	1
Prolactin signalin	ESR2	1
Prolactin signalin	PIK3CA	1
Prolactin signalin	TH	1
Prolactin signalin	IRF1	1
Prolactin signalin	RAF1	1
Shigellosis	ITGB1	1
Shigellosis	CSF2	1
Shigellosis	CXCL8	1
Shigellosis	PIK3CD	1
Shigellosis	PIK3CB	1
Shigellosis	TNF	1
Shigellosis	ACTB	1
Shigellosis	ACTG1	1
Shigellosis	CASP1	1
Shigellosis	AKT1	1
Shigellosis	MAP3K7	1
Shigellosis	CAST	1
Shigellosis	PRKCE	1
Shigellosis	IL18	1

Shigellosis	TRAF2	1
Shigellosis	ATG12	1
Shigellosis	TNFRSF1A	1
Shigellosis	PIK3CA	1
Shigellosis	IL1B	1
Shigellosis	TRAF6	1
Shigellosis	ELMO1	1
Shigellosis	ARHGEF2	1
Shigellosis	TLN1	1
Shigellosis	TP53	1
Shigellosis	TLR4	1
Shigellosis	CRK	1
Shigellosis	NAIP	1
Shigellosis	CD44	1
Shigellosis	VCL	1
Shigellosis	PIK3R3	1
Shigellosis	ITPR3	1
Shigellosis	BCL10	1
Shigellosis	NLRC4	1
Shigellosis	FOXO3	1
Shigellosis	RELA	1
Shigellosis	EGFR	1
Shigellosis	MALT1	1
Shigellosis	C3	1
Shigellosis	MAPK8	1
Shigellosis	CCL5	1
Shigellosis	UBC	1
Shigellosis	NLRP3	1
Shigellosis	MAPK1	1
Shigellosis	RIPK1	1
Shigellosis	CD14	1
Shigellosis	ATG5	1
Shigellosis	IFNB1	1
Shigellosis	MAPK14	1
Shigellosis	NFKB1	1
Shigellosis	MTOR	1
Shigellosis	NFKBIA	1
Shigellosis	STING1	1
Shigellosis	TNIP1	1
Shigellosis	RPS6KB1	1
Shigellosis	ATG16L1	1
Shigellosis	BCL2	1

Shigellosis	BAX	1
Shigellosis	ATM	1
Shigellosis	MYD88	1
Shigellosis	BCL2L1	1
Yersinia infection	ITGB1	1
Yersinia infection	CXCL8	1
Yersinia infection	WAS	1
Yersinia infection	PIK3R3	1
Yersinia infection	PIK3CD	1
Yersinia infection	PIK3CB	1
Yersinia infection	NLRC4	1
Yersinia infection	MEFV	1
Yersinia infection	TNF	1
Yersinia infection	ACTB	1
Yersinia infection	RELA	1
Yersinia infection	ACTG1	1
Yersinia infection	MAPK8	1
Yersinia infection	IRAK1	1
Yersinia infection	CASP1	1
Yersinia infection	RAC2	1
Yersinia infection	AKT1	1
Yersinia infection	NLRP3	1
Yersinia infection	CCL2	1
Yersinia infection	MAPK1	1
Yersinia infection	MAP3K7	1
Yersinia infection	IL10	1
Yersinia infection	ITGA4	1
Yersinia infection	IFNB1	1
Yersinia infection	FN1	1
Yersinia infection	IL18	1
Yersinia infection	TRAF2	1
Yersinia infection	FOS	1
Yersinia infection	MAPK14	1
Yersinia infection	NFKB1	1
Yersinia infection	IL2	1
Yersinia infection	NFKBIA	1
Yersinia infection	IL6	1
Yersinia infection	FCGR2A	1
Yersinia infection	PIK3CA	1
Yersinia infection	CD8A	1
Yersinia infection	TRAF6	1
Yersinia infection	IL1B	1

Yersinia infectionELMO1	1
Yersinia infectionPKN2	1
Yersinia infectionTLR4	1
Yersinia infectionCRK	1
Yersinia infectionMYD88	1
Yersinia infectionSKAP2	1
HIF-1 signaling pEPO	1
HIF-1 signaling pSERPINE1	1
HIF-1 signaling pPIK3R3	1
HIF-1 signaling pPIK3CD	1
HIF-1 signaling pENO1	1
HIF-1 signaling pPIK3CB	1
HIF-1 signaling pHIF1A	1
HIF-1 signaling pRELA	1
HIF-1 signaling pEGFR	1
HIF-1 signaling pIGF1R	1
HIF-1 signaling pINS	1
HIF-1 signaling pLDHA	1
HIF-1 signaling pAKT1	1
HIF-1 signaling pHMOX1	1
HIF-1 signaling pMAPK1	1
HIF-1 signaling pTIMP1	1
HIF-1 signaling pIL6R	1
HIF-1 signaling pEDN1	1
HIF-1 signaling pANGPT2	1
HIF-1 signaling pNOS2	1
HIF-1 signaling pPRKCB	1
HIF-1 signaling pIFNGR1	1
HIF-1 signaling pEGF	1
HIF-1 signaling pNOS3	1
HIF-1 signaling pRPS6	1
HIF-1 signaling pSTAT3	1
HIF-1 signaling pCYBB	1
HIF-1 signaling pPRKCA	1
HIF-1 signaling pIGF1	1
HIF-1 signaling pNFkB1	1
HIF-1 signaling pMTOR	1
HIF-1 signaling pVEGFA	1
HIF-1 signaling pIL6	1
HIF-1 signaling pPIK3CA	1
HIF-1 signaling pIFNG	1
HIF-1 signaling pRPS6KB1	1

HIF-1 signaling pBCL2	1
HIF-1 signaling pTLR4	1
HIF-1 signaling pGAPDH	1
Non-alcoholic fat CXCL8	1
Non-alcoholic fat IRS1	1
Non-alcoholic fat PIK3R3	1
Non-alcoholic fat PIK3CD	1
Non-alcoholic fat FASLG	1
Non-alcoholic fat PIK3CB	1
Non-alcoholic fat TNF	1
Non-alcoholic fat COX5A	1
Non-alcoholic fat RELA	1
Non-alcoholic fat INS	1
Non-alcoholic fat SOCS3	1
Non-alcoholic fat MAPK8	1
Non-alcoholic fat CASP8	1
Non-alcoholic fat CASP3	1
Non-alcoholic fat LEPR	1
Non-alcoholic fat AKT1	1
Non-alcoholic fat COX2	1
Non-alcoholic fat COX1	1
Non-alcoholic fat BID	1
Non-alcoholic fat IL6R	1
Non-alcoholic fat MAP3K5	1
Non-alcoholic fat COX8A	1
Non-alcoholic fat XBP1	1
Non-alcoholic fat TGFB1	1
Non-alcoholic fat ADIPOQ	1
Non-alcoholic fat EIF2AK3	1
Non-alcoholic fat NR1H3	1
Non-alcoholic fat TRAF2	1
Non-alcoholic fat FOS	1
Non-alcoholic fat MAPK14	1
Non-alcoholic fat NFKB1	1
Non-alcoholic fat TNFRSF1A	1
Non-alcoholic fat ERN1	1
Non-alcoholic fat IL1A	1
Non-alcoholic fat IL6	1
Non-alcoholic fat ITCH	1
Non-alcoholic fat PIK3CA	1
Non-alcoholic fat DDIT3	1
Non-alcoholic fat IL1B	1

Non-alcoholic fat LEP	1
Non-alcoholic fat FAS	1
Non-alcoholic fat BAX	1
Non-alcoholic fat PPARG	1
Non-alcoholic fat CYTB	1
Non-alcoholic fat PPARA	1
Non-alcoholic fat ATF4	1
Amoebiasis CSF2	1
Amoebiasis CXCL8	1
Amoebiasis ITGAM	1
Amoebiasis ITGB2	1
Amoebiasis PIK3R3	1
Amoebiasis HSPB1	1
Amoebiasis PIK3CD	1
Amoebiasis LAMC2	1
Amoebiasis CXCL1	1
Amoebiasis CD1D	1
Amoebiasis PIK3CB	1
Amoebiasis TNF	1
Amoebiasis CXCL2	1
Amoebiasis RELA	1
Amoebiasis CASP3	1
Amoebiasis GNA11	1
Amoebiasis IL12B	1
Amoebiasis IL12A	1
Amoebiasis CD14	1
Amoebiasis IL10	1
Amoebiasis TGFB2	1
Amoebiasis ARG2	1
Amoebiasis TGFB1	1
Amoebiasis NOS2	1
Amoebiasis PRKCB	1
Amoebiasis TGFB3	1
Amoebiasis ARG1	1
Amoebiasis FN1	1
Amoebiasis PRKCA	1
Amoebiasis NFKB1	1
Amoebiasis IL6	1
Amoebiasis PIK3CA	1
Amoebiasis IFNG	1
Amoebiasis IL1B	1
Amoebiasis TLR4	1

Amoebiasis	VCL	1
Amoebiasis	TLR2	1
JAK-STAT signa	IL21	1
JAK-STAT signa	IL22	1
JAK-STAT signa	CSF3	1
JAK-STAT signa	CSF2	1
JAK-STAT signa	IFNA1	1
JAK-STAT signa	EPO	1
JAK-STAT signa	IL23R	1
JAK-STAT signa	IFNA2	1
JAK-STAT signa	IL5RA	1
JAK-STAT signa	PIK3CD	1
JAK-STAT signa	PIK3CB	1
JAK-STAT signa	PRL	1
JAK-STAT signa	CCND1	1
JAK-STAT signa	MYC	1
JAK-STAT signa	LEPR	1
JAK-STAT signa	AKT1	1
JAK-STAT signa	IL12B	1
JAK-STAT signa	IL12A	1
JAK-STAT signa	JAK2	1
JAK-STAT signa	IL6R	1
JAK-STAT signa	JAK3	1
JAK-STAT signa	JAK1	1
JAK-STAT signa	IFNAR2	1
JAK-STAT signa	IL10	1
JAK-STAT signa	PIAS3	1
JAK-STAT signa	IL11	1
JAK-STAT signa	IFNA13	1
JAK-STAT signa	IL4R	1
JAK-STAT signa	CISH	1
JAK-STAT signa	IL15	1
JAK-STAT signa	IFNGR1	1
JAK-STAT signa	IFNA17	1
JAK-STAT signa	IL13	1
JAK-STAT signa	PRLR	1
JAK-STAT signa	PIK3CA	1
JAK-STAT signa	IFNG	1
JAK-STAT signa	IL23A	1
JAK-STAT signa	IL6ST	1
JAK-STAT signa	RAF1	1
JAK-STAT signa	IFNAR1	1

JAK-STAT signa PIK3R3	1
JAK-STAT signa EGFR	1
JAK-STAT signa IL22RA2	1
JAK-STAT signa SOCS3	1
JAK-STAT signa SOCS1	1
JAK-STAT signa IL21R	1
JAK-STAT signa STAT4	1
JAK-STAT signa STAT6	1
JAK-STAT signa IFNL3	1
JAK-STAT signa STAT5A	1
JAK-STAT signa STAT5B	1
JAK-STAT signa TSLP	1
JAK-STAT signa EGF	1
JAK-STAT signa IL10RB	1
JAK-STAT signa STAT1	1
JAK-STAT signa IFNB1	1
JAK-STAT signa IL10RA	1
JAK-STAT signa STAT3	1
JAK-STAT signa LIF	1
JAK-STAT signa OSM	1
JAK-STAT signa PTPN11	1
JAK-STAT signa IL2	1
JAK-STAT signa MTOR	1
JAK-STAT signa GFAP	1
JAK-STAT signa IL4	1
JAK-STAT signa IL3	1
JAK-STAT signa GH1	1
JAK-STAT signa IL6	1
JAK-STAT signa IL5	1
JAK-STAT signa IL7	1
JAK-STAT signa LEP	1
JAK-STAT signa IL2RA	1
JAK-STAT signa IL9	1
JAK-STAT signa IL2RB	1
JAK-STAT signa BCL2	1
JAK-STAT signa PTPN6	1
JAK-STAT signa IL7R	1
JAK-STAT signa IL17D	1
JAK-STAT signa BCL2L1	1
Asthma IL10	1
Asthma CD40	1
Asthma HLA-DRB5	1

Asthma	CCL11	1
Asthma	IL13	1
Asthma	TNF	1
Asthma	IL4	1
Asthma	IL3	1
Asthma	HLA-DMA	1
Asthma	HLA-DMB	1
Asthma	IL5	1
Asthma	CD40LG	1
Asthma	IL9	1
Asthma	HLA-DPB1	1
Asthma	HLA-DRA	1
Asthma	HLA-DOA	1
Asthma	HLA-DQA2	1
Asthma	HLA-DQA1	1
Asthma	HLA-DRB1	1
Asthma	HLA-DPA1	1
Asthma	HLA-DQB1	1
PD-L1 expressio	CD274	1
PD-L1 expressio	PIK3CD	1
PD-L1 expressio	PIK3R3	1
PD-L1 expressio	PIK3CB	1
PD-L1 expressio	HIF1A	1
PD-L1 expressio	RASGRP1	1
PD-L1 expressio	RELA	1
PD-L1 expressio	EGFR	1
PD-L1 expressio	AKT1	1
PD-L1 expressio	MAPK1	1
PD-L1 expressio	JAK2	1
PD-L1 expressio	JAK1	1
PD-L1 expressio	IFNGR1	1
PD-L1 expressio	EGF	1
PD-L1 expressio	STAT1	1
PD-L1 expressio	STAT3	1
PD-L1 expressio	PTPN11	1
PD-L1 expressio	FOS	1
PD-L1 expressio	MAPK14	1
PD-L1 expressio	NFKB1	1
PD-L1 expressio	MTOR	1
PD-L1 expressio	NFKBIA	1
PD-L1 expressio	PIK3CA	1
PD-L1 expressio	IFNG	1

PD-L1 expressio RPS6KB1	1
PD-L1 expressio TRAF6	1
PD-L1 expressio TLR9	1
PD-L1 expressio CD28	1
PD-L1 expressio PTPN6	1
PD-L1 expressio PDCD1	1
PD-L1 expressio RAF1	1
PD-L1 expressio TLR4	1
PD-L1 expressio MYD88	1
PD-L1 expressio TLR2	1
Neuroactive liga VIPR2	1
Neuroactive liga ADM	1
Neuroactive liga PRL	1
Neuroactive liga NR3C1	1
Neuroactive liga ADRA1A	1
Neuroactive liga GRM1	1
Neuroactive liga BRS3	1
Neuroactive liga EDNRA	1
Neuroactive liga EDNRB	1
Neuroactive liga GRM4	1
Neuroactive liga GRM7	1
Neuroactive liga C3AR1	1
Neuroactive liga LEPR	1
Neuroactive liga TSPO	1
Neuroactive liga BDKRB1	1
Neuroactive liga PRSS3	1
Neuroactive liga GHSR	1
Neuroactive liga EDN1	1
Neuroactive liga F2R	1
Neuroactive liga PRLR	1
Neuroactive liga ADRA2B	1
Neuroactive liga SSTR4	1
Neuroactive liga ADCYAP1	1
Neuroactive liga MTNR1B	1
Neuroactive liga AGTR1	1
Neuroactive liga PTGER4	1
Neuroactive liga GRIA2	1
Neuroactive liga PTH	1
Neuroactive liga PTAFR	1
Neuroactive liga LPAR2	1
Neuroactive liga LPAR3	1
Neuroactive liga PLG	1

Neuroactive liga	ADRB2	1
Neuroactive liga	CRHR1	1
Neuroactive liga	KNG1	1
Neuroactive liga	C3	1
Neuroactive liga	HRH1	1
Neuroactive liga	CNR2	1
Neuroactive liga	CNR1	1
Neuroactive liga	NPY	1
Neuroactive liga	P2RY2	1
Neuroactive liga	P2RY1	1
Neuroactive liga	S1PR1	1
Neuroactive liga	TAC3	1
Neuroactive liga	S1PR3	1
Neuroactive liga	S1PR2	1
Neuroactive liga	HCRT	1
Neuroactive liga	DRD2	1
Neuroactive liga	TAC1	1
Neuroactive liga	S1PR5	1
Neuroactive liga	GZMA	1
Neuroactive liga	GCG	1
Neuroactive liga	TRPV1	1
Neuroactive liga	AGT	1
Neuroactive liga	APLN	1
Neuroactive liga	P2RX7	1
Neuroactive liga	POMC	1
Neuroactive liga	MAS1	1
Neuroactive liga	GH1	1
Neuroactive liga	P2RX6	1
Neuroactive liga	P2RX5	1
Neuroactive liga	MC1R	1
Neuroactive liga	P2RX4	1
Neuroactive liga	P2RX3	1
Neuroactive liga	P2RX2	1
Neuroactive liga	LEP	1
Neuroactive liga	P2RX1	1
Neuroactive liga	F2RL1	1
Neuroactive liga	VIP	1
Longevity regula	IRS1	1
Longevity regula	HDAC1	1
Longevity regula	EHMT2	1
Longevity regula	PIK3R3	1
Longevity regula	PIK3CD	1

Longevity regula PIK3CB	1
Longevity regula FOXO3	1
Longevity regula RELA	1
Longevity regula IGF1R	1
Longevity regula INS	1
Longevity regula STK11	1
Longevity regula AKT1	1
Longevity regula EIF4EBP2	1
Longevity regula PPARGC1A	1
Longevity regula ATG5	1
Longevity regula KL	1
Longevity regula HSPA1L	1
Longevity regula ADIPOQ	1
Longevity regula IGF1	1
Longevity regula HSPA2	1
Longevity regula SOD2	1
Longevity regula SIRT1	1
Longevity regula NFKB1	1
Longevity regula MTOR	1
Longevity regula SOD1	1
Longevity regula CREB1	1
Longevity regula PIK3CA	1
Longevity regula RPS6KB1	1
Longevity regula CAT	1
Longevity regula BAX	1
Longevity regula PPARG	1
Longevity regula TP53	1
Longevity regula CRYAB	1
Longevity regula HSPA1B	1
Longevity regula ATF4	1
Longevity regula HSPA1A	1
Pathways of neu APP	1
Pathways of neu LRRK2	1
Pathways of neu FASLG	1
Pathways of neu PARK7	1
Pathways of neu TNF	1
Pathways of neu SLC6A3	1
Pathways of neu GRM1	1
Pathways of neu CASP9	1
Pathways of neu PSMD7	1
Pathways of neu CASP8	1
Pathways of neu PSMD4	1

Pathways of neu CASP3	1
Pathways of neu KIF5A	1
Pathways of neu NEFL	1
Pathways of neu NOS1	1
Pathways of neu SPG11	1
Pathways of neu MAP3K5	1
Pathways of neu COX8A	1
Pathways of neu DAXX	1
Pathways of neu PRKCB	1
Pathways of neu CYBB	1
Pathways of neu PRKCA	1
Pathways of neu TRAF2	1
Pathways of neu TNFRSF1B	1
Pathways of neu TNFRSF1A	1
Pathways of neu ERN1	1
Pathways of neu IL1A	1
Pathways of neu DDIT3	1
Pathways of neu IL1B	1
Pathways of neu CAT	1
Pathways of neu HAP1	1
Pathways of neu MAPT	1
Pathways of neu RAF1	1
Pathways of neu SLC25A4	1
Pathways of neu STX1A	1
Pathways of neu ATF4	1
Pathways of neu GRIA2	1
Pathways of neu PSMD12	1
Pathways of neu DCTN1	1
Pathways of neu ATP6	1
Pathways of neu ITPR3	1
Pathways of neu AMBRA1	1
Pathways of neu PSEN1	1
Pathways of neu PTGS2	1
Pathways of neu C9ORF72	1
Pathways of neu COX5A	1
Pathways of neu AGER	1
Pathways of neu RELA	1
Pathways of neu PSMB6	1
Pathways of neu ATXN2	1
Pathways of neu MAPK8	1
Pathways of neu UBC	1
Pathways of neu COX2	1

Pathways of neu MFN2	1
Pathways of neu MAPK1	1
Pathways of neu COX1	1
Pathways of neu BID	1
Pathways of neu WNT1	1
Pathways of neu WNT3	1
Pathways of neu SNCA	1
Pathways of neu PRNP	1
Pathways of neu XBP1	1
Pathways of neu HSPA5	1
Pathways of neu NOS2	1
Pathways of neu FZD4	1
Pathways of neu BDNF	1
Pathways of neu ADRM1	1
Pathways of neu EIF2AK3	1
Pathways of neu MAPK14	1
Pathways of neu NFKB1	1
Pathways of neu MTOR	1
Pathways of neu SOD1	1
Pathways of neu IL6	1
Pathways of neu APC	1
Pathways of neu BCL2	1
Pathways of neu NOX4	1
Pathways of neu CTNNB1	1
Pathways of neu FAS	1
Pathways of neu BAX	1
Pathways of neu CALM3	1
Pathways of neu CYTB	1
Pathways of neu CALM1	1
Pathways of neu CALM2	1
Pathways of neu BCL2L1	1
African trypanos IL10	1
African trypanos VCAM1	1
African trypanos PRKCB	1
African trypanos IL18	1
African trypanos HBB	1
African trypanos APOA1	1
African trypanos FASLG	1
African trypanos PRKCA	1
African trypanos TNF	1
African trypanos SELE	1
African trypanos KNG1	1

African trypanos ICAM1	1
African trypanos IL6	1
African trypanos IFNG	1
African trypanos IL1B	1
African trypanos TLR9	1
African trypanos IL12B	1
African trypanos FAS	1
African trypanos F2RL1	1
African trypanos IL12A	1
African trypanos MYD88	1
African trypanos IDO1	1
Salmonella infec CXCL8	1
Salmonella infec PIK3CD	1
Salmonella infec PIK3CB	1
Salmonella infec TNF	1
Salmonella infec ACTB	1
Salmonella infec PIK3CG	1
Salmonella infec ACTG1	1
Salmonella infec CASP8	1
Salmonella infec MYC	1
Salmonella infec CASP3	1
Salmonella infec KIF5A	1
Salmonella infec TNFSF10	1
Salmonella infec CASP1	1
Salmonella infec AKT1	1
Salmonella infec MAP3K7	1
Salmonella infec HSP90AA1	1
Salmonella infec ANXA2	1
Salmonella infec IL18	1
Salmonella infec TRAF2	1
Salmonella infec FOS	1
Salmonella infec TNFRSF1A	1
Salmonella infec PIK3CA	1
Salmonella infec IL1B	1
Salmonella infec TRAF6	1
Salmonella infec TLR9	1
Salmonella infec ELMO1	1
Salmonella infec RAF1	1
Salmonella infec TLR4	1
Salmonella infec GAPDH	1
Salmonella infec NAIP	1
Salmonella infec BIRC2	1

Salmonella infec TLR2	1
Salmonella infec BIRC3	1
Salmonella infec DCTN1	1
Salmonella infec TXN	1
Salmonella infec NLRC4	1
Salmonella infec RELA	1
Salmonella infec MAPK8	1
Salmonella infec IRAK1	1
Salmonella infec FLNA	1
Salmonella infec NLRP3	1
Salmonella infec MAPK1	1
Salmonella infec FLNB	1
Salmonella infec RIPK1	1
Salmonella infec CD14	1
Salmonella infec TNFRSF10B	1
Salmonella infec TNFRSF10A	1
Salmonella infec MAPK14	1
Salmonella infec NFKB1	1
Salmonella infec NFKBIA	1
Salmonella infec IL6	1
Salmonella infec PTPRC	1
Salmonella infec BCL2	1
Salmonella infec CTNNB1	1
Salmonella infec BAX	1
Salmonella infec MYD88	1
Human papillom ITGB1	1
Human papillom IFNA1	1
Human papillom IFNA2	1
Human papillom PIK3CD	1
Human papillom FASLG	1
Human papillom LAMC2	1
Human papillom PIK3CB	1
Human papillom RBPJ	1
Human papillom TNF	1
Human papillom CASP8	1
Human papillom CCND1	1
Human papillom CASP3	1
Human papillom AKT1	1
Human papillom JAK1	1
Human papillom IFNAR2	1
Human papillom IFNA13	1
Human papillom ITGA4	1

Human papillom IFNA17	1
Human papillom HLA-B	1
Human papillom HLA-C	1
Human papillom HLA-A	1
Human papillom HLA-F	1
Human papillom HLA-G	1
Human papillom TNFRSF1A	1
Human papillom CREB1	1
Human papillom PIK3CA	1
Human papillom TRAF3	1
Human papillom IRF1	1
Human papillom RAF1	1
Human papillom TP53	1
Human papillom TLR3	1
Human papillom IFNAR1	1
Human papillom PTGER4	1
Human papillom NOTCH2	1
Human papillom NOTCH3	1
Human papillom TNXB	1
Human papillom NOTCH1	1
Human papillom HDAC1	1
Human papillom NOTCH4	1
Human papillom PIK3R3	1
Human papillom PSEN1	1
Human papillom PTGS2	1
Human papillom THBS1	1
Human papillom RELA	1
Human papillom EGFR	1
Human papillom SPP1	1
Human papillom MAPK1	1
Human papillom WNT1	1
Human papillom WNT3	1
Human papillom JAG1	1
Human papillom FZD4	1
Human papillom STAT1	1
Human papillom IFNB1	1
Human papillom EGF	1
Human papillom MX1	1
Human papillom FN1	1
Human papillom EIF2AK2	1
Human papillom NFKB1	1
Human papillom MTOR	1

Human papillom	VEGFA	1
Human papillom	APC	1
Human papillom	RPS6KB1	1
Human papillom	CTNNB1	1
Human papillom	FAS	1
Human papillom	BAX	1
Human papillom	ATM	1
Prostate cancer	GSTP1	1
Prostate cancer	PIK3R3	1
Prostate cancer	TGFA	1
Prostate cancer	PIK3CD	1
Prostate cancer	PLAT	1
Prostate cancer	PIK3CB	1
Prostate cancer	RELA	1
Prostate cancer	EGFR	1
Prostate cancer	IGF1R	1
Prostate cancer	INS	1
Prostate cancer	CASP9	1
Prostate cancer	CCND1	1
Prostate cancer	AKT1	1
Prostate cancer	MAPK1	1
Prostate cancer	HSP90AA1	1
Prostate cancer	EGF	1
Prostate cancer	INSRR	1
Prostate cancer	MMP3	1
Prostate cancer	IGF1	1
Prostate cancer	MMP9	1
Prostate cancer	NFKB1	1
Prostate cancer	MTOR	1
Prostate cancer	NFKBIA	1
Prostate cancer	AR	1
Prostate cancer	CREB1	1
Prostate cancer	ZEB1	1
Prostate cancer	PIK3CA	1
Prostate cancer	BCL2	1
Prostate cancer	CTNNB1	1
Prostate cancer	ERG	1
Prostate cancer	RAF1	1
Prostate cancer	TP53	1
Prostate cancer	ATF4	1
Prostate cancer	FGFR1	1
Pathogenic Esch	ITGB1	1

Pathogenic EschCXCL8	1
Pathogenic EschFASLG	1
Pathogenic EschTNF	1
Pathogenic EschACTB	1
Pathogenic EschACTG1	1
Pathogenic EschCASP9	1
Pathogenic EschCASP8	1
Pathogenic EschCASP3	1
Pathogenic EschTNFSF10	1
Pathogenic EschCASP1	1
Pathogenic EschMAP3K7	1
Pathogenic EschF2R	1
Pathogenic EschIL18	1
Pathogenic EschTRAF2	1
Pathogenic EschFOS	1
Pathogenic EschTNFRSF1A	1
Pathogenic EschCLDN11	1
Pathogenic EschCLDN5	1
Pathogenic EschCLDN3	1
Pathogenic EschIL1B	1
Pathogenic EschTRAF6	1
Pathogenic EschARHGEF2	1
Pathogenic EschTLR4	1
Pathogenic EschGAPDH	1
Pathogenic EschNAIP	1
Pathogenic EschLPAR2	1
Pathogenic EschRELA	1
Pathogenic EschMAPK8	1
Pathogenic EschIRAK1	1
Pathogenic EschABL1	1
Pathogenic EschNLRP3	1
Pathogenic EschMAPK1	1
Pathogenic EschRIPK1	1
Pathogenic EschFYN	1
Pathogenic EschTNFRSF10B	1
Pathogenic EschTNFRSF10A	1
Pathogenic EschPTPN11	1
Pathogenic EschMAPK14	1
Pathogenic EschNFKB1	1
Pathogenic EschNFKBIA	1
Pathogenic EschOCLN	1
Pathogenic EschIL6	1

Pathogenic Esch	FCGR2A	1
Pathogenic Esch	MYO1C	1
Pathogenic Esch	FAS	1
Pathogenic Esch	BAX	1
Pathogenic Esch	PTPN6	1
Pathogenic Esch	MYD88	1
Tuberculosis	CIITA	1
Tuberculosis	ITGAM	1
Tuberculosis	IFNA1	1
Tuberculosis	ITGB2	1
Tuberculosis	IFNA2	1
Tuberculosis	TNF	1
Tuberculosis	CASP9	1
Tuberculosis	FCGR3A	1
Tuberculosis	CASP8	1
Tuberculosis	FCGR3B	1
Tuberculosis	CASP3	1
Tuberculosis	ITGAX	1
Tuberculosis	AKT1	1
Tuberculosis	IL12B	1
Tuberculosis	IL12A	1
Tuberculosis	LBP	1
Tuberculosis	HLA-DOA	1
Tuberculosis	JAK2	1
Tuberculosis	HLA-DPA1	1
Tuberculosis	JAK1	1
Tuberculosis	IL10	1
Tuberculosis	IFNA13	1
Tuberculosis	SPHK2	1
Tuberculosis	IFNGR1	1
Tuberculosis	IFNA17	1
Tuberculosis	SPHK1	1
Tuberculosis	IL18	1
Tuberculosis	TNFRSF1A	1
Tuberculosis	TLR1	1
Tuberculosis	IL1A	1
Tuberculosis	CREB1	1
Tuberculosis	IFNG	1
Tuberculosis	IL23A	1
Tuberculosis	TRAF6	1
Tuberculosis	IL1B	1
Tuberculosis	TLR9	1

Tuberculosis	CLEC4E	1
Tuberculosis	RAF1	1
Tuberculosis	TLR4	1
Tuberculosis	TLR2	1
Tuberculosis	HLA-DQB1	1
Tuberculosis	BCL10	1
Tuberculosis	NOD2	1
Tuberculosis	RELA	1
Tuberculosis	MALT1	1
Tuberculosis	HSPD1	1
Tuberculosis	C3	1
Tuberculosis	CYP27B1	1
Tuberculosis	MAPK8	1
Tuberculosis	HLA-DMA	1
Tuberculosis	HLA-DMB	1
Tuberculosis	IRAK1	1
Tuberculosis	MAPK1	1
Tuberculosis	CD14	1
Tuberculosis	FCGR1A	1
Tuberculosis	BID	1
Tuberculosis	HLA-DQA2	1
Tuberculosis	HLA-DQA1	1
Tuberculosis	CD74	1
Tuberculosis	TGFB2	1
Tuberculosis	HLA-DRB5	1
Tuberculosis	TGFB1	1
Tuberculosis	NOS2	1
Tuberculosis	TGFB3	1
Tuberculosis	VDR	1
Tuberculosis	IL10RB	1
Tuberculosis	STAT1	1
Tuberculosis	IFNB1	1
Tuberculosis	IL10RA	1
Tuberculosis	MAPK14	1
Tuberculosis	NFKB1	1
Tuberculosis	IL6	1
Tuberculosis	FCGR2A	1
Tuberculosis	BCL2	1
Tuberculosis	HLA-DPB1	1
Tuberculosis	HLA-DRA	1
Tuberculosis	BAX	1
Tuberculosis	CALM3	1

Tuberculosis	CALM1	1
Tuberculosis	CALM2	1
Tuberculosis	MYD88	1
Tuberculosis	HLA-DRB1	1
Alzheimer disease	APP	1
Alzheimer disease	IRS1	1
Alzheimer disease	PIK3CD	1
Alzheimer disease	PIK3CB	1
Alzheimer disease	TNF	1
Alzheimer disease	CASP9	1
Alzheimer disease	PSMD7	1
Alzheimer disease	CASP8	1
Alzheimer disease	PSMD4	1
Alzheimer disease	CASP3	1
Alzheimer disease	KIF5A	1
Alzheimer disease	AKT1	1
Alzheimer disease	NOS1	1
Alzheimer disease	MAP3K5	1
Alzheimer disease	COX8A	1
Alzheimer disease	CYBB	1
Alzheimer disease	TRAF2	1
Alzheimer disease	TNFRSF1A	1
Alzheimer disease	ERN1	1
Alzheimer disease	IL1A	1
Alzheimer disease	ADAM17	1
Alzheimer disease	PIK3CA	1
Alzheimer disease	DDIT3	1
Alzheimer disease	IL1B	1
Alzheimer disease	MAPT	1
Alzheimer disease	RAF1	1
Alzheimer disease	SLC25A4	1
Alzheimer disease	GAPDH	1
Alzheimer disease	ATF4	1
Alzheimer disease	PSMD12	1
Alzheimer disease	LRP1	1
Alzheimer disease	ATP6	1
Alzheimer disease	PIK3R3	1
Alzheimer disease	LPL	1
Alzheimer disease	ITPR3	1
Alzheimer disease	PSEN1	1
Alzheimer disease	AMBRA1	1
Alzheimer disease	PTGS2	1

Alzheimer diseasesCOX5A	1
Alzheimer diseasesAGER	1
Alzheimer diseasesRELA	1
Alzheimer diseasesRTN4	1
Alzheimer diseasesINS	1
Alzheimer diseasesPSMB6	1
Alzheimer diseasesMAPK8	1
Alzheimer diseasesCOX2	1
Alzheimer diseasesMAPK1	1
Alzheimer diseasesCOX1	1
Alzheimer diseasesAPOE	1
Alzheimer diseasesBID	1
Alzheimer diseasesWNT1	1
Alzheimer diseasesWNT3	1
Alzheimer diseasesSNCA	1
Alzheimer diseasesXBP1	1
Alzheimer diseasesNOS2	1
Alzheimer diseasesFZD4	1
Alzheimer diseasesADRM1	1
Alzheimer diseasesEIF2AK3	1
Alzheimer diseasesEIF2AK2	1
Alzheimer diseasesNFKB1	1
Alzheimer diseasesMTOR	1
Alzheimer diseasesIL6	1
Alzheimer diseasesAPC	1
Alzheimer diseasesNOX4	1
Alzheimer diseasesCTNNB1	1
Alzheimer diseasesFAS	1
Alzheimer diseasesCALM3	1
Alzheimer diseasesCYTB	1
Alzheimer diseasesCALM1	1
Alzheimer diseasesCALM2	1
FoxO signaling p IRS1	1
FoxO signaling p AGAP2	1
FoxO signaling p PIK3R3	1
FoxO signaling p PIK3CD	1
FoxO signaling p FASLG	1
FoxO signaling p SLC2A4	1
FoxO signaling p PIK3CB	1
FoxO signaling p FOXO3	1
FoxO signaling p GRM1	1
FoxO signaling p EGFR	1

FoxO signaling p IGF1R	1
FoxO signaling p INS	1
FoxO signaling p STK11	1
FoxO signaling p MAPK8	1
FoxO signaling p CCND1	1
FoxO signaling p TNFSF10	1
FoxO signaling p S1PR1	1
FoxO signaling p AKT1	1
FoxO signaling p MAPK1	1
FoxO signaling p IL10	1
FoxO signaling p TGFB2	1
FoxO signaling p SMAD4	1
FoxO signaling p TGFB1	1
FoxO signaling p TGFB3	1
FoxO signaling p EGF	1
FoxO signaling p STAT3	1
FoxO signaling p IGF1	1
FoxO signaling p MAPK14	1
FoxO signaling p SOD2	1
FoxO signaling p SIRT1	1
FoxO signaling p ATG12	1
FoxO signaling p TGFB1	1
FoxO signaling p IL6	1
FoxO signaling p PIK3CA	1
FoxO signaling p CAT	1
FoxO signaling p ATM	1
FoxO signaling p RAF1	1
FoxO signaling p IL7R	1
FoxO signaling p SGK1	1
Staphylococcus C1QA	1
Staphylococcus ITGAM	1
Staphylococcus SELPLG	1
Staphylococcus CFH	1
Staphylococcus ITGB2	1
Staphylococcus PTAFR	1
Staphylococcus PLG	1
Staphylococcus KRT20	1
Staphylococcus ITGAL	1
Staphylococcus ICAM1	1
Staphylococcus C2	1
Staphylococcus C3	1
Staphylococcus FCGR3A	1

Staphylococcus	HLA-DMA	1
Staphylococcus	FCGR3B	1
Staphylococcus	HLA-DMB	1
Staphylococcus	C3AR1	1
Staphylococcus	HLA-DOA	1
Staphylococcus	FCGR1A	1
Staphylococcus	HLA-DQA2	1
Staphylococcus	HLA-DQA1	1
Staphylococcus	HLA-DPA1	1
Staphylococcus	MBL2	1
Staphylococcus	IL10	1
Staphylococcus	HLA-DRB5	1
Staphylococcus	SELP	1
Staphylococcus	FCGR2A	1
Staphylococcus	HLA-DPB1	1
Staphylococcus	HLA-DRA	1
Staphylococcus	MASP1	1
Staphylococcus	CFB	1
Staphylococcus	HLA-DRB1	1
Staphylococcus	HLA-DQB1	1
Rap1 signaling p	ITGB1	1
Rap1 signaling p	ITGAM	1
Rap1 signaling p	ITGB2	1
Rap1 signaling p	PIK3CD	1
Rap1 signaling p	PIK3CB	1
Rap1 signaling p	FGF1	1
Rap1 signaling p	ITGAL	1
Rap1 signaling p	ACTB	1
Rap1 signaling p	ACTG1	1
Rap1 signaling p	IGF1R	1
Rap1 signaling p	CDH1	1
Rap1 signaling p	KDR	1
Rap1 signaling p	RAC2	1
Rap1 signaling p	AKT1	1
Rap1 signaling p	PRKCB	1
Rap1 signaling p	HGF	1
Rap1 signaling p	F2R	1
Rap1 signaling p	PRKCA	1
Rap1 signaling p	NGF	1
Rap1 signaling p	PIK3CA	1
Rap1 signaling p	PRKD2	1
Rap1 signaling p	TLN1	1

Rap1 signaling p RAF1	1
Rap1 signaling p CRK	1
Rap1 signaling p CSF1R	1
Rap1 signaling p RGS14	1
Rap1 signaling p LPAR2	1
Rap1 signaling p PIK3R3	1
Rap1 signaling p LPAR3	1
Rap1 signaling p THBS1	1
Rap1 signaling p EGFR	1
Rap1 signaling p INS	1
Rap1 signaling p RAP1A	1
Rap1 signaling p CNR1	1
Rap1 signaling p P2RY1	1
Rap1 signaling p KRIT1	1
Rap1 signaling p MAPK1	1
Rap1 signaling p DRD2	1
Rap1 signaling p FGF23	1
Rap1 signaling p ANGPT2	1
Rap1 signaling p EGF	1
Rap1 signaling p VEGFB	1
Rap1 signaling p IGF1	1
Rap1 signaling p MAPK14	1
Rap1 signaling p VEGFA	1
Rap1 signaling p CTNNB1	1
Rap1 signaling p CALM3	1
Rap1 signaling p CALM1	1
Rap1 signaling p CALM2	1
Rap1 signaling p FGFR1	1
T cell receptor si CSF2	1
T cell receptor si PIK3R3	1
T cell receptor si PIK3CD	1
T cell receptor si BCL10	1
T cell receptor si PIK3CB	1
T cell receptor si TNF	1
T cell receptor si RASGRP1	1
T cell receptor si RELA	1
T cell receptor si MALT1	1
T cell receptor si MAPK8	1
T cell receptor si GRAP2	1
T cell receptor si AKT1	1
T cell receptor si CTLA4	1
T cell receptor si MAPK1	1

T cell receptor si FYN	1
T cell receptor si MAP3K7	1
T cell receptor si IL10	1
T cell receptor si FOS	1
T cell receptor si MAPK14	1
T cell receptor si NFKB1	1
T cell receptor si IL2	1
T cell receptor si IL4	1
T cell receptor si NFKBIA	1
T cell receptor si IL5	1
T cell receptor si PTPRC	1
T cell receptor si CD40LG	1
T cell receptor si PIK3CA	1
T cell receptor si IFNG	1
T cell receptor si CD8A	1
T cell receptor si CD28	1
T cell receptor si PTPN6	1
T cell receptor si PDCD1	1
T cell receptor si RAF1	1
T cell receptor si CARD11	1
Chemical carcinoPIK3CD	1
Chemical carcinoAHR	1
Chemical carcinoPIK3CB	1
Chemical carcinoHPGDS	1
Chemical carcinoCCND1	1
Chemical carcinoMYC	1
Chemical carcinoAKT1	1
Chemical carcinoCYP1B1	1
Chemical carcinoTNFSF11	1
Chemical carcinoJAK2	1
Chemical carcinoGSTK1	1
Chemical carcinoHSP90AA1	1
Chemical carcinoPRKCB	1
Chemical carcinoGSTO1	1
Chemical carcinoPRKCA	1
Chemical carcinoFOS	1
Chemical carcinoAR	1
Chemical carcinoCREB1	1
Chemical carcinoPIK3CA	1
Chemical carcinoPPARA	1
Chemical carcinoRAF1	1
Chemical carcinoATF4	1

Chemical carcinoNOTCH2	1
Chemical carcinoGSTP1	1
Chemical carcinoPIK3R3	1
Chemical carcinoXIAP	1
Chemical carcinoADRB2	1
Chemical carcinoPTGS2	1
Chemical carcinoCYP2C19	1
Chemical carcinoCYP3A4	1
Chemical carcinoRELA	1
Chemical carcinoEGFR	1
Chemical carcinoDLL4	1
Chemical carcinoCYP2B6	1
Chemical carcinoMAPK1	1
Chemical carcinoWNT1	1
Chemical carcinoSTAT5A	1
Chemical carcinoSTAT5B	1
Chemical carcinoJAG1	1
Chemical carcinoGSTM1	1
Chemical carcinoVDR	1
Chemical carcinoEGF	1
Chemical carcinoSTAT3	1
Chemical carcinoKLF4	1
Chemical carcinoESR1	1
Chemical carcinoNFKB1	1
Chemical carcinoESR2	1
Chemical carcinoMTOR	1
Chemical carcinoVEGFA	1
Chemical carcinoCYP2C9	1
Chemical carcinoNAT1	1
Chemical carcinoRPS6KB1	1
Chemical carcinoBCL2	1
Neurotrophin sig IRS1	1
Neurotrophin sig PIK3R3	1
Neurotrophin sig PIK3CD	1
Neurotrophin sig FASLG	1
Neurotrophin sig PSEN1	1
Neurotrophin sig PIK3CB	1
Neurotrophin sig FOXO3	1
Neurotrophin sig RELA	1
Neurotrophin sig MAPK8	1
Neurotrophin sig RAP1A	1
Neurotrophin sig IRAK1	1

Neurotrophin sig NTF3	1
Neurotrophin sig ABL1	1
Neurotrophin sig AKT1	1
Neurotrophin sig MAPK1	1
Neurotrophin sig SH2B3	1
Neurotrophin sig MAP3K5	1
Neurotrophin sig BDNF	1
Neurotrophin sig SORT1	1
Neurotrophin sig PTPN11	1
Neurotrophin sig NGF	1
Neurotrophin sig MAPK14	1
Neurotrophin sig NFKB1	1
Neurotrophin sig NFKBIA	1
Neurotrophin sig PIK3CA	1
Neurotrophin sig TRAF6	1
Neurotrophin sig BCL2	1
Neurotrophin sig BAX	1
Neurotrophin sig CALM3	1
Neurotrophin sig RAF1	1
Neurotrophin sig CALM1	1
Neurotrophin sig TP53	1
Neurotrophin sig CALM2	1
Neurotrophin sig CRK	1
Neurotrophin sig ATF4	1
Neurotrophin sig TP73	1
RIG-I-like recept CXCL8	1
RIG-I-like recept IFNA1	1
RIG-I-like recept IFNA2	1
RIG-I-like recept TNF	1
RIG-I-like recept RELA	1
RIG-I-like recept IFIH1	1
RIG-I-like recept MAPK8	1
RIG-I-like recept CASP8	1
RIG-I-like recept IL12B	1
RIG-I-like recept IL12A	1
RIG-I-like recept RIPK1	1
RIG-I-like recept MAP3K7	1
RIG-I-like recept ATG5	1
RIG-I-like recept IFNA13	1
RIG-I-like recept DDX58	1
RIG-I-like recept IFNB1	1
RIG-I-like recept IFNA17	1

RIG-I-like recept TRAF2	1
RIG-I-like recept MAPK14	1
RIG-I-like recept ATG12	1
RIG-I-like recept NFKB1	1
RIG-I-like recept NFKBIA	1
RIG-I-like recept CXCL10	1
RIG-I-like recept MAVS	1
RIG-I-like recept STING1	1
RIG-I-like recept TRAF3	1
RIG-I-like recept TRAF6	1
Chronic myeloid HDAC1	1
Chronic myeloid PIK3CD	1
Chronic myeloid PIK3R3	1
Chronic myeloid PIK3CB	1
Chronic myeloid RELA	1
Chronic myeloid CCND1	1
Chronic myeloid MYC	1
Chronic myeloid ABL1	1
Chronic myeloid AKT1	1
Chronic myeloid MAPK1	1
Chronic myeloid STAT5A	1
Chronic myeloid STAT5B	1
Chronic myeloid TGFB2	1
Chronic myeloid SMAD4	1
Chronic myeloid TGFB1	1
Chronic myeloid TGFB3	1
Chronic myeloid CDKN2A	1
Chronic myeloid PTPN11	1
Chronic myeloid TGFB1	1
Chronic myeloid NFKB1	1
Chronic myeloid BCR	1
Chronic myeloid NFKBIA	1
Chronic myeloid PIK3CA	1
Chronic myeloid BAX	1
Chronic myeloid RAF1	1
Chronic myeloid TP53	1
Chronic myeloid CRK	1
Chronic myeloid BCL2L1	1
Sphingolipid signPIK3R3	1
Sphingolipid signPIK3CD	1
Sphingolipid signPIK3CB	1
Sphingolipid signPLD1	1

Sphingolipid signTNF	1
Sphingolipid signKNG1	1
Sphingolipid signRELA	1
Sphingolipid signMAPK8	1
Sphingolipid signSMPD1	1
Sphingolipid signRAC2	1
Sphingolipid signS1PR1	1
Sphingolipid signAKT1	1
Sphingolipid signMAPK1	1
Sphingolipid signS1PR3	1
Sphingolipid signFYN	1
Sphingolipid signS1PR2	1
Sphingolipid signS1PR5	1
Sphingolipid signBID	1
Sphingolipid signMAP3K5	1
Sphingolipid signPRKCB	1
Sphingolipid signSPHK2	1
Sphingolipid signNOS3	1
Sphingolipid signPRKCE	1
Sphingolipid signSPHK1	1
Sphingolipid signPRKCA	1
Sphingolipid signTRAF2	1
Sphingolipid signMAPK14	1
Sphingolipid signNFKB1	1
Sphingolipid signTNFRSF1A	1
Sphingolipid signPIK3CA	1
Sphingolipid signBCL2	1
Sphingolipid signBAX	1
Sphingolipid signRAF1	1
Sphingolipid signTP53	1
Sphingolipid signCERS2	1
Toxoplasmosis ITGB1	1
Toxoplasmosis CD40	1
Toxoplasmosis CIITA	1
Toxoplasmosis LAMC2	1
Toxoplasmosis TNF	1
Toxoplasmosis PIK3CG	1
Toxoplasmosis CASP9	1
Toxoplasmosis CASP8	1
Toxoplasmosis CASP3	1
Toxoplasmosis AKT1	1
Toxoplasmosis IL12B	1

Toxoplasmosis	IL12A	1
Toxoplasmosis	HLA-DOA	1
Toxoplasmosis	CCR5	1
Toxoplasmosis	JAK2	1
Toxoplasmosis	MAP3K7	1
Toxoplasmosis	HLA-DPA1	1
Toxoplasmosis	JAK1	1
Toxoplasmosis	IL10	1
Toxoplasmosis	IFNGR1	1
Toxoplasmosis	TNFRSF1A	1
Toxoplasmosis	IFNG	1
Toxoplasmosis	TRAF6	1
Toxoplasmosis	TLR4	1
Toxoplasmosis	BIRC2	1
Toxoplasmosis	BIRC3	1
Toxoplasmosis	TLR2	1
Toxoplasmosis	HLA-DQB1	1
Toxoplasmosis	XIAP	1
Toxoplasmosis	RELA	1
Toxoplasmosis	MAPK8	1
Toxoplasmosis	HLA-DMA	1
Toxoplasmosis	SOCS1	1
Toxoplasmosis	HLA-DMB	1
Toxoplasmosis	IRAK1	1
Toxoplasmosis	ALOX5	1
Toxoplasmosis	MAPK1	1
Toxoplasmosis	HLA-DQA2	1
Toxoplasmosis	LDLR	1
Toxoplasmosis	HLA-DQA1	1
Toxoplasmosis	TGFB2	1
Toxoplasmosis	HLA-DRB5	1
Toxoplasmosis	TGFB1	1
Toxoplasmosis	HSPA1L	1
Toxoplasmosis	NOS2	1
Toxoplasmosis	TGFB3	1
Toxoplasmosis	IL10RB	1
Toxoplasmosis	STAT1	1
Toxoplasmosis	IL10RA	1
Toxoplasmosis	STAT3	1
Toxoplasmosis	HSPA2	1
Toxoplasmosis	MAPK14	1
Toxoplasmosis	IRGM	1

Toxoplasmosis	NFKB1	1
Toxoplasmosis	NFKBIA	1
Toxoplasmosis	CD40LG	1
Toxoplasmosis	BCL2	1
Toxoplasmosis	HLA-DPB1	1
Toxoplasmosis	HLA-DRA	1
Toxoplasmosis	MYD88	1
Toxoplasmosis	HLA-DRB1	1
Toxoplasmosis	HSPA1B	1
Toxoplasmosis	BCL2L1	1
Toxoplasmosis	HSPA1A	1
Hepatocellular c	TERC	1
Hepatocellular c	GSTP1	1
Hepatocellular c	PIK3R3	1
Hepatocellular c	TGFA	1
Hepatocellular c	PIK3CD	1
Hepatocellular c	PIK3CB	1
Hepatocellular c	ACTB	1
Hepatocellular c	EGFR	1
Hepatocellular c	ACTG1	1
Hepatocellular c	IGF1R	1
Hepatocellular c	CCND1	1
Hepatocellular c	MYC	1
Hepatocellular c	AKT1	1
Hepatocellular c	HMOX1	1
Hepatocellular c	MAPK1	1
Hepatocellular c	WNT1	1
Hepatocellular c	WNT3	1
Hepatocellular c	NQO1	1
Hepatocellular c	TGFB2	1
Hepatocellular c	SMAD4	1
Hepatocellular c	TGFB1	1
Hepatocellular c	GSTM1	1
Hepatocellular c	PRKCB	1
Hepatocellular c	TGFB3	1
Hepatocellular c	FZD4	1
Hepatocellular c	GSTO1	1
Hepatocellular c	TXNRD2	1
Hepatocellular c	CDKN2A	1
Hepatocellular c	HGF	1
Hepatocellular c	TXNRD1	1
Hepatocellular c	PRKCA	1

Hepatocellular c	TGFBR1	1
Hepatocellular c	MTOR	1
Hepatocellular c	PIK3CA	1
Hepatocellular c	APC	1
Hepatocellular c	RPS6KB1	1
Hepatocellular c	BAX	1
Hepatocellular c	CTNNB1	1
Hepatocellular c	RAF1	1
Hepatocellular c	TP53	1
Hepatocellular c	BCL2L1	1
Hepatocellular c	NFE2L2	1
Breast cancer	NOTCH2	1
Breast cancer	NOTCH3	1
Breast cancer	NOTCH1	1
Breast cancer	NOTCH4	1
Breast cancer	PIK3R3	1
Breast cancer	PIK3CD	1
Breast cancer	PIK3CB	1
Breast cancer	BRCA1	1
Breast cancer	FGF1	1
Breast cancer	BRCA2	1
Breast cancer	EGFR	1
Breast cancer	IGF1R	1
Breast cancer	DLL4	1
Breast cancer	CCND1	1
Breast cancer	MYC	1
Breast cancer	AKT1	1
Breast cancer	TNFSF11	1
Breast cancer	MAPK1	1
Breast cancer	WNT1	1
Breast cancer	FGF23	1
Breast cancer	WNT3	1
Breast cancer	JAG1	1
Breast cancer	FZD4	1
Breast cancer	EGF	1
Breast cancer	IGF1	1
Breast cancer	FOS	1
Breast cancer	ESR1	1
Breast cancer	ESR2	1
Breast cancer	MTOR	1
Breast cancer	NFKB2	1
Breast cancer	PIK3CA	1

Breast cancer	APC	1
Breast cancer	RPS6KB1	1
Breast cancer	SP1	1
Breast cancer	BAX	1
Breast cancer	CTNNB1	1
Breast cancer	RAF1	1
Breast cancer	TP53	1
Breast cancer	FGFR1	1
Leukocyte transe	ITGB1	1
Leukocyte transe	ITGAM	1
Leukocyte transe	NCF1	1
Leukocyte transe	ITGB2	1
Leukocyte transe	PIK3R3	1
Leukocyte transe	PIK3CD	1
Leukocyte transe	CXCR4	1
Leukocyte transe	PIK3CB	1
Leukocyte transe	ITGAL	1
Leukocyte transe	ACTB	1
Leukocyte transe	ACTG1	1
Leukocyte transe	ICAM1	1
Leukocyte transe	RAP1A	1
Leukocyte transe	RAC2	1
Leukocyte transe	CTNNA3	1
Leukocyte transe	VCAM1	1
Leukocyte transe	ITGA4	1
Leukocyte transe	PRKCB	1
Leukocyte transe	MMP2	1
Leukocyte transe	CYBB	1
Leukocyte transe	MSN	1
Leukocyte transe	PRKCA	1
Leukocyte transe	PTPN11	1
Leukocyte transe	MAPK14	1
Leukocyte transe	MMP9	1
Leukocyte transe	CLDN11	1
Leukocyte transe	CLDN5	1
Leukocyte transe	OCLN	1
Leukocyte transe	CLDN3	1
Leukocyte transe	CXCL12	1
Leukocyte transe	PIK3CA	1
Leukocyte transe	PECAM1	1
Leukocyte transe	CTNNB1	1
Leukocyte transe	VCL	1

Cellular senesce CXCL8	1
Cellular senesce SERPINE1	1
Cellular senesce PIK3R3	1
Cellular senesce PIK3CD	1
Cellular senesce ITPR3	1
Cellular senesce PIK3CB	1
Cellular senesce FOXO3	1
Cellular senesce ETS1	1
Cellular senesce RELA	1
Cellular senesce ZFP36L1	1
Cellular senesce CCND1	1
Cellular senesce MYC	1
Cellular senesce AKT1	1
Cellular senesce MAPK1	1
Cellular senesce TRPM7	1
Cellular senesce TGFB2	1
Cellular senesce TGFB1	1
Cellular senesce TGFB3	1
Cellular senesce CDKN2A	1
Cellular senesce IGFBP3	1
Cellular senesce HLA-B	1
Cellular senesce HLA-C	1
Cellular senesce HLA-A	1
Cellular senesce HLA-F	1
Cellular senesce MAPK14	1
Cellular senesce HLA-G	1
Cellular senesce SIRT1	1
Cellular senesce NFKB1	1
Cellular senesce TGFBR1	1
Cellular senesce MTOR	1
Cellular senesce IL1A	1
Cellular senesce IL6	1
Cellular senesce PIK3CA	1
Cellular senesce CALM3	1
Cellular senesce ATM	1
Cellular senesce RAF1	1
Cellular senesce CALM1	1
Cellular senesce TP53	1
Cellular senesce CALM2	1
Cellular senesce SLC25A4	1
Colorectal cance PIK3CD	1
Colorectal cance PIK3R3	1

Colorectal cance TGFA	1
Colorectal cance PIK3CB	1
Colorectal cance EGFR	1
Colorectal cance CASP9	1
Colorectal cance MAPK8	1
Colorectal cance CCND1	1
Colorectal cance MYC	1
Colorectal cance CASP3	1
Colorectal cance RAC2	1
Colorectal cance AKT1	1
Colorectal cance MAPK1	1
Colorectal cance TGFB2	1
Colorectal cance SMAD4	1
Colorectal cance TGFB1	1
Colorectal cance EGF	1
Colorectal cance TGFB3	1
Colorectal cance FOS	1
Colorectal cance TGFBR1	1
Colorectal cance MTOR	1
Colorectal cance PIK3CA	1
Colorectal cance APC	1
Colorectal cance RPS6KB1	1
Colorectal cance BCL2	1
Colorectal cance BAX	1
Colorectal cance CTNNB1	1
Colorectal cance RAF1	1
Colorectal cance TP53	1
Ras signaling pa PIK3CD	1
Ras signaling pa FASLG	1
Ras signaling pa PIK3CB	1
Ras signaling pa FGF1	1
Ras signaling pa ETS1	1
Ras signaling pa IGF1R	1
Ras signaling pa KDR	1
Ras signaling pa RAC2	1
Ras signaling pa AKT1	1
Ras signaling pa RALBP1	1
Ras signaling pa PRKCB	1
Ras signaling pa HGF	1
Ras signaling pa PLA2G4A	1
Ras signaling pa PRKCA	1
Ras signaling pa NGF	1

Ras signaling pa PIK3CA	1
Ras signaling pa RAF1	1
Ras signaling pa CSF1R	1
Ras signaling pa PLA2G1B	1
Ras signaling pa TGFA	1
Ras signaling pa PIK3R3	1
Ras signaling pa PLA2G6	1
Ras signaling pa PLD1	1
Ras signaling pa RASGRP1	1
Ras signaling pa RELA	1
Ras signaling pa EGFR	1
Ras signaling pa INS	1
Ras signaling pa MAPK8	1
Ras signaling pa RAP1A	1
Ras signaling pa GNG2	1
Ras signaling pa NTF3	1
Ras signaling pa ABL1	1
Ras signaling pa MAPK1	1
Ras signaling pa FGF23	1
Ras signaling pa ANGPT2	1
Ras signaling pa BDNF	1
Ras signaling pa EGF	1
Ras signaling pa PLA2G2A	1
Ras signaling pa VEGFB	1
Ras signaling pa PTPN11	1
Ras signaling pa IGF1	1
Ras signaling pa NFKB1	1
Ras signaling pa VEGFA	1
Ras signaling pa GNB3	1
Ras signaling pa CALM3	1
Ras signaling pa CALM1	1
Ras signaling pa CALM2	1
Ras signaling pa BCL2L1	1
Ras signaling pa FGFR1	1
Acute myeloid le CSF1R	1
Acute myeloid le CSF2	1
Acute myeloid le ITGAM	1
Acute myeloid le PIK3CD	1
Acute myeloid le PIK3R3	1
Acute myeloid le PIK3CB	1
Acute myeloid le MPO	1
Acute myeloid le RELA	1

Acute myeloid le	CCND1	1
Acute myeloid le	MYC	1
Acute myeloid le	AKT1	1
Acute myeloid le	MAPK1	1
Acute myeloid le	CD14	1
Acute myeloid le	FCGR1A	1
Acute myeloid le	STAT5A	1
Acute myeloid le	STAT5B	1
Acute myeloid le	STAT3	1
Acute myeloid le	PML	1
Acute myeloid le	NFKB1	1
Acute myeloid le	MTOR	1
Acute myeloid le	IL3	1
Acute myeloid le	PIK3CA	1
Acute myeloid le	RPS6KB1	1
Acute myeloid le	RARA	1
Acute myeloid le	RAF1	1
Phagosome	ITGB1	1
Phagosome	ITGAM	1
Phagosome	NCF1	1
Phagosome	ITGB2	1
Phagosome	MPO	1
Phagosome	THBS1	1
Phagosome	ACTB	1
Phagosome	ACTG1	1
Phagosome	C3	1
Phagosome	FCGR3A	1
Phagosome	HLA-DMA	1
Phagosome	FCGR3B	1
Phagosome	HLA-DMB	1
Phagosome	OLR1	1
Phagosome	CD14	1
Phagosome	NOS1	1
Phagosome	HLA-DOA	1
Phagosome	FCGR1A	1
Phagosome	HLA-DQA2	1
Phagosome	HLA-DQA1	1
Phagosome	HLA-DPA1	1
Phagosome	MBL2	1
Phagosome	HLA-DRB5	1
Phagosome	HLA-B	1
Phagosome	TAP1	1

Phagosome	HLA-C	1
Phagosome	CYBB	1
Phagosome	HLA-A	1
Phagosome	HLA-F	1
Phagosome	HLA-G	1
Phagosome	FCGR2A	1
Phagosome	CANX	1
Phagosome	HLA-DPB1	1
Phagosome	HLA-DRA	1
Phagosome	TLR4	1
Phagosome	HLA-DRB1	1
Phagosome	TLR2	1
Phagosome	HLA-DQB1	1
Transcriptional	mCD86	1
Transcriptional	mCSF1R	1
Transcriptional	mCD40	1
Transcriptional	mCSF2	1
Transcriptional	mCXCL8	1
Transcriptional	mITGAM	1
Transcriptional	mKMT2A	1
Transcriptional	mHDAC1	1
Transcriptional	mPRCC	1
Transcriptional	mPLAT	1
Transcriptional	mMPO	1
Transcriptional	mRELA	1
Transcriptional	mIGF1R	1
Transcriptional	mMYC	1
Transcriptional	mCD14	1
Transcriptional	mFCGR1A	1
Transcriptional	mKDM6A	1
Transcriptional	mARNT2	1
Transcriptional	mIGFBP3	1
Transcriptional	mMMP3	1
Transcriptional	mGZMB	1
Transcriptional	mIGF1	1
Transcriptional	mTRAF1	1
Transcriptional	mMMP9	1
Transcriptional	mNFKB1	1
Transcriptional	mPML	1
Transcriptional	mIL3	1
Transcriptional	mIL6	1
Transcriptional	mMYCN	1

Transcriptional mZEB1	1
Transcriptional mSP1	1
Transcriptional mWT1	1
Transcriptional mDDIT3	1
Transcriptional mIL2RB	1
Transcriptional mRARA	1
Transcriptional mBAX	1
Transcriptional mATM	1
Transcriptional mPPARG	1
Transcriptional mERG	1
Transcriptional mTP53	1
Transcriptional mBIRC2	1
Transcriptional mBCL2L1	1
Transcriptional mBIRC3	1
Adipocytokine si IRS1	1
Adipocytokine si SLC2A4	1
Adipocytokine si TNF	1
Adipocytokine si RELA	1
Adipocytokine si SOCS3	1
Adipocytokine si STK11	1
Adipocytokine si MAPK8	1
Adipocytokine si NPY	1
Adipocytokine si LEPR	1
Adipocytokine si AKT1	1
Adipocytokine si JAK2	1
Adipocytokine si PPARGC1A	1
Adipocytokine si CPT1A	1
Adipocytokine si ADIPOQ	1
Adipocytokine si STAT3	1
Adipocytokine si TRAF2	1
Adipocytokine si PTPN11	1
Adipocytokine si TNFRSF1B	1
Adipocytokine si NFKB1	1
Adipocytokine si MTOR	1
Adipocytokine si TNFRSF1A	1
Adipocytokine si NFKBIA	1
Adipocytokine si POMC	1
Adipocytokine si LEP	1
Adipocytokine si PPARA	1
Inflammatory bo IL21	1
Inflammatory bo IL22	1
Inflammatory bo IL23R	1

Inflammatory bo	RORA	1
Inflammatory bo	TNF	1
Inflammatory bo	IL12B	1
Inflammatory bo	IL12A	1
Inflammatory bo	HLA-DOA	1
Inflammatory bo	HLA-DPA1	1
Inflammatory bo	IL10	1
Inflammatory bo	IL4R	1
Inflammatory bo	IFNGR1	1
Inflammatory bo	IL13	1
Inflammatory bo	IL18	1
Inflammatory bo	FOXP3	1
Inflammatory bo	IL1A	1
Inflammatory bo	IFNG	1
Inflammatory bo	IL23A	1
Inflammatory bo	IL1B	1
Inflammatory bo	TLR4	1
Inflammatory bo	TLR2	1
Inflammatory bo	HLA-DQB1	1
Inflammatory bo	NOD2	1
Inflammatory bo	GATA3	1
Inflammatory bo	RELA	1
Inflammatory bo	HLA-DMA	1
Inflammatory bo	HLA-DMB	1
Inflammatory bo	TBX21	1
Inflammatory bo	IL21R	1
Inflammatory bo	STAT4	1
Inflammatory bo	STAT6	1
Inflammatory bo	HLA-DQA2	1
Inflammatory bo	HLA-DQA1	1
Inflammatory bo	TGFB2	1
Inflammatory bo	HLA-DRB5	1
Inflammatory bo	TGFB1	1
Inflammatory bo	TGFB3	1
Inflammatory bo	STAT1	1
Inflammatory bo	STAT3	1
Inflammatory bo	IL2	1
Inflammatory bo	NFKB1	1
Inflammatory bo	IL4	1
Inflammatory bo	IL6	1
Inflammatory bo	IL5	1
Inflammatory bo	HLA-DPB1	1

Inflammatory bo	HLA-DRA	1
Inflammatory bo	IL17F	1
Inflammatory bo	IL18R1	1
Inflammatory bo	HLA-DRB1	1
Inflammatory bo	IL17A	1
Viral carcinogen	HDAC3	1
Viral carcinogen	HDAC1	1
Viral carcinogen	PIK3R3	1
Viral carcinogen	PIK3CD	1
Viral carcinogen	PIK3CB	1
Viral carcinogen	RBPJ	1
Viral carcinogen	RELA	1
Viral carcinogen	C3	1
Viral carcinogen	CASP8	1
Viral carcinogen	CCND1	1
Viral carcinogen	CASP3	1
Viral carcinogen	CCR8	1
Viral carcinogen	MAPK1	1
Viral carcinogen	CCR5	1
Viral carcinogen	CCR4	1
Viral carcinogen	JAK3	1
Viral carcinogen	CCR3	1
Viral carcinogen	JAK1	1
Viral carcinogen	STAT5A	1
Viral carcinogen	STAT5B	1
Viral carcinogen	GSN	1
Viral carcinogen	CDKN2A	1
Viral carcinogen	STAT3	1
Viral carcinogen	HLA-B	1
Viral carcinogen	HLA-C	1
Viral carcinogen	EIF2AK2	1
Viral carcinogen	TRAF2	1
Viral carcinogen	HLA-A	1
Viral carcinogen	TRAF1	1
Viral carcinogen	HLA-F	1
Viral carcinogen	HLA-G	1
Viral carcinogen	GTF2H4	1
Viral carcinogen	YWHAZ	1
Viral carcinogen	SND1	1
Viral carcinogen	NFKB1	1
Viral carcinogen	NFKB2	1
Viral carcinogen	NFKBIA	1

Viral carcinogen	CREB1	1
Viral carcinogen	PIK3CA	1
Viral carcinogen	TRAF3	1
Viral carcinogen	BAX	1
Viral carcinogen	IL6ST	1
Viral carcinogen	TP53	1
Viral carcinogen	ATF4	1
Insulin resistanc	CRTC2	1
Insulin resistanc	IRS1	1
Insulin resistanc	PIK3R3	1
Insulin resistanc	PIK3CD	1
Insulin resistanc	SLC2A4	1
Insulin resistanc	PIK3CB	1
Insulin resistanc	TNF	1
Insulin resistanc	RELA	1
Insulin resistanc	INS	1
Insulin resistanc	PTPA	1
Insulin resistanc	SOCS3	1
Insulin resistanc	MAPK8	1
Insulin resistanc	AKT1	1
Insulin resistanc	PPARGC1A	1
Insulin resistanc	CPT1A	1
Insulin resistanc	PRKCB	1
Insulin resistanc	NOS3	1
Insulin resistanc	PRKCE	1
Insulin resistanc	STAT3	1
Insulin resistanc	NR1H3	1
Insulin resistanc	PTPN11	1
Insulin resistanc	NFKB1	1
Insulin resistanc	AGT	1
Insulin resistanc	MTOR	1
Insulin resistanc	TNFRSF1A	1
Insulin resistanc	NFKBIA	1
Insulin resistanc	IL6	1
Insulin resistanc	CREB1	1
Insulin resistanc	PIK3CA	1
Insulin resistanc	RPS6KB1	1
Insulin resistanc	PPARA	1
Neutrophil extrac	H2AX	1
Neutrophil extrac	ITGAM	1
Neutrophil extrac	SELPLG	1
Neutrophil extrac	HDAC3	1

Neutrophil extracNCF1	1
Neutrophil extracHDAC1	1
Neutrophil extracITGB2	1
Neutrophil extracPIK3R3	1
Neutrophil extracPIK3CD	1
Neutrophil extracPIK3CB	1
Neutrophil extracHMGB1	1
Neutrophil extracITGAL	1
Neutrophil extracMPO	1
Neutrophil extracAGER	1
Neutrophil extracACTB	1
Neutrophil extracRELA	1
Neutrophil extracACTG1	1
Neutrophil extracC3	1
Neutrophil extracFCGR3A	1
Neutrophil extracFCGR3B	1
Neutrophil extracCASP1	1
Neutrophil extracRAC2	1
Neutrophil extracAKT1	1
Neutrophil extracMAPK1	1
Neutrophil extracFCGR1A	1
Neutrophil extracMAP3K7	1
Neutrophil extracPRKCB	1
Neutrophil extracCYBB	1
Neutrophil extracPRKCA	1
Neutrophil extracMAPK14	1
Neutrophil extracNFKB1	1
Neutrophil extracMTOR	1
Neutrophil extracSELP	1
Neutrophil extracFCGR2A	1
Neutrophil extracPIK3CA	1
Neutrophil extracTLR8	1
Neutrophil extracTLR7	1
Neutrophil extracPADI4	1
Neutrophil extracRAF1	1
Neutrophil extracTLR4	1
Neutrophil extracSLC25A4	1
Neutrophil extracTLR2	1
MicroRNAs in ca BMPR2	1
MicroRNAs in ca IRS1	1
MicroRNAs in ca PIK3CD	1
MicroRNAs in ca BRCA1	1

MicroRNAs in ca PIK3CB	1
MicroRNAs in ca CCND1	1
MicroRNAs in ca MYC	1
MicroRNAs in ca CASP3	1
MicroRNAs in ca STMN1	1
MicroRNAs in ca CYP1B1	1
MicroRNAs in ca TIMP3	1
MicroRNAs in ca TP63	1
MicroRNAs in ca PRKCB	1
MicroRNAs in ca PRKCE	1
MicroRNAs in ca PRKCA	1
MicroRNAs in ca MIR21	1
MicroRNAs in ca SIRT1	1
MicroRNAs in ca MMP9	1
MicroRNAs in ca FOXP1	1
MicroRNAs in ca ZEB1	1
MicroRNAs in ca PIK3CA	1
MicroRNAs in ca DDIT4	1
MicroRNAs in ca FSCN1	1
MicroRNAs in ca RAF1	1
MicroRNAs in ca TP53	1
MicroRNAs in ca CRK	1
MicroRNAs in ca CD44	1
MicroRNAs in ca NOTCH2	1
MicroRNAs in ca NOTCH3	1
MicroRNAs in ca ABCB1	1
MicroRNAs in ca TNXB	1
MicroRNAs in ca NOTCH1	1
MicroRNAs in ca HDAC1	1
MicroRNAs in ca NOTCH4	1
MicroRNAs in ca PIK3R3	1
MicroRNAs in ca PTGS2	1
MicroRNAs in ca THBS1	1
MicroRNAs in ca EGFR	1
MicroRNAs in ca SOCS1	1
MicroRNAs in ca ERBB3	1
MicroRNAs in ca ABL1	1
MicroRNAs in ca HMOX1	1
MicroRNAs in ca MAPK1	1
MicroRNAs in ca WNT3	1
MicroRNAs in ca TGFB2	1
MicroRNAs in ca CDKN2A	1

MicroRNAs in ca STAT3	1
MicroRNAs in ca NFKB1	1
MicroRNAs in ca MTOR	1
MicroRNAs in ca VEGFA	1
MicroRNAs in ca CYP24A1	1
MicroRNAs in ca MIR145	1
MicroRNAs in ca APC	1
MicroRNAs in ca BCL2	1
MicroRNAs in ca ATM	1
MicroRNAs in ca EZH2	1
Small cell lung c ITGB1	1
Small cell lung c PIK3CD	1
Small cell lung c PIK3R3	1
Small cell lung c XIAP	1
Small cell lung c LAMC2	1
Small cell lung c PIK3CB	1
Small cell lung c PTGS2	1
Small cell lung c RELA	1
Small cell lung c CASP9	1
Small cell lung c CCND1	1
Small cell lung c MYC	1
Small cell lung c CASP3	1
Small cell lung c AKT1	1
Small cell lung c NOS2	1
Small cell lung c FN1	1
Small cell lung c TRAF2	1
Small cell lung c TRAF1	1
Small cell lung c NFKB1	1
Small cell lung c NFKBIA	1
Small cell lung c PIK3CA	1
Small cell lung c TRAF3	1
Small cell lung c TRAF6	1
Small cell lung c BCL2	1
Small cell lung c BAX	1
Small cell lung c TP53	1
Small cell lung c BIRC2	1
Small cell lung c BIRC3	1
Small cell lung c BCL2L1	1
Diabetic cardiom NCF1	1
Diabetic cardiom IRS1	1
Diabetic cardiom ATP6	1
Diabetic cardiom PIK3R3	1

Diabetic cardiom PIK3CD	1
Diabetic cardiom SLC2A4	1
Diabetic cardiom PIK3CB	1
Diabetic cardiom COX5A	1
Diabetic cardiom AGER	1
Diabetic cardiom RELA	1
Diabetic cardiom INS	1
Diabetic cardiom PTPA	1
Diabetic cardiom MAPK8	1
Diabetic cardiom RAC2	1
Diabetic cardiom AKT1	1
Diabetic cardiom COX2	1
Diabetic cardiom COX1	1
Diabetic cardiom COX8A	1
Diabetic cardiom TGFB2	1
Diabetic cardiom ACE	1
Diabetic cardiom TGFB1	1
Diabetic cardiom PARP1	1
Diabetic cardiom PRKCB	1
Diabetic cardiom TGFB3	1
Diabetic cardiom NOS3	1
Diabetic cardiom MMP2	1
Diabetic cardiom GSR	1
Diabetic cardiom CYBB	1
Diabetic cardiom PRKCA	1
Diabetic cardiom MAPK14	1
Diabetic cardiom MMP9	1
Diabetic cardiom AGT	1
Diabetic cardiom NFkB1	1
Diabetic cardiom TGFB1	1
Diabetic cardiom MTOR	1
Diabetic cardiom PIK3CA	1
Diabetic cardiom SP1	1
Diabetic cardiom AGTR1	1
Diabetic cardiom REN	1
Diabetic cardiom CYTB	1
Diabetic cardiom PPARA	1
Diabetic cardiom SLC25A4	1
Diabetic cardiom GAPDH	1
Focal adhesion ITGB1	1
Focal adhesion TNXB	1
Focal adhesion PIK3R3	1

Focal adhesion	XIAP	1
Focal adhesion	PIK3CD	1
Focal adhesion	LAMC2	1
Focal adhesion	PIK3CB	1
Focal adhesion	THBS1	1
Focal adhesion	ACTB	1
Focal adhesion	EGFR	1
Focal adhesion	ACTG1	1
Focal adhesion	IGF1R	1
Focal adhesion	MAPK8	1
Focal adhesion	RAP1A	1
Focal adhesion	CCND1	1
Focal adhesion	KDR	1
Focal adhesion	RAC2	1
Focal adhesion	SPP1	1
Focal adhesion	AKT1	1
Focal adhesion	FLNA	1
Focal adhesion	MAPK1	1
Focal adhesion	FLNB	1
Focal adhesion	FYN	1
Focal adhesion	ITGA4	1
Focal adhesion	PRKCB	1
Focal adhesion	EGF	1
Focal adhesion	HGF	1
Focal adhesion	CAV1	1
Focal adhesion	FN1	1
Focal adhesion	VEGFB	1
Focal adhesion	PRKCA	1
Focal adhesion	IGF1	1
Focal adhesion	VEGFA	1
Focal adhesion	PIK3CA	1
Focal adhesion	BCL2	1
Focal adhesion	CTNNB1	1
Focal adhesion	TLN1	1
Focal adhesion	RAF1	1
Focal adhesion	CRK	1
Focal adhesion	VCL	1
Focal adhesion	BIRC2	1
Focal adhesion	BIRC3	1
Fc gamma R-me	NCF1	1
Fc gamma R-me	WAS	1
Fc gamma R-me	PIK3R3	1

Fc gamma R-me PIK3CD	1
Fc gamma R-me PIK3CB	1
Fc gamma R-me ASAP2	1
Fc gamma R-me PLA2G6	1
Fc gamma R-me PLD1	1
Fc gamma R-me FCGR3A	1
Fc gamma R-me FCGR3B	1
Fc gamma R-me CFL1	1
Fc gamma R-me RAC2	1
Fc gamma R-me AKT1	1
Fc gamma R-me MAPK1	1
Fc gamma R-me FCGR1A	1
Fc gamma R-me GSN	1
Fc gamma R-me PRKCB	1
Fc gamma R-me SPHK2	1
Fc gamma R-me PRKCE	1
Fc gamma R-me SPHK1	1
Fc gamma R-me PLA2G4A	1
Fc gamma R-me PRKCA	1
Fc gamma R-me PTPRC	1
Fc gamma R-me FCGR2A	1
Fc gamma R-me PIK3CA	1
Fc gamma R-me RPS6KB1	1
Fc gamma R-me RAF1	1
Fc gamma R-me CRK	1
Non-small cell lu STAT5A	1
Non-small cell lu STAT5B	1
Non-small cell lu PRKCB	1
Non-small cell lu EGF	1
Non-small cell lu CDKN2A	1
Non-small cell lu HGF	1
Non-small cell lu STAT3	1
Non-small cell lu PIK3CD	1
Non-small cell lu PIK3R3	1
Non-small cell lu TGFA	1
Non-small cell lu PRKCA	1
Non-small cell lu PIK3CB	1
Non-small cell lu FOXO3	1
Non-small cell lu EGFR	1
Non-small cell lu CASP9	1
Non-small cell lu CCND1	1
Non-small cell lu PIK3CA	1

Non-small cell lu KIF5A	1
Non-small cell lu AKT1	1
Non-small cell lu MAPK1	1
Non-small cell lu BAX	1
Non-small cell lu RAF1	1
Non-small cell lu JAK3	1
Non-small cell lu TP53	1
Complement andC1QA	1
Complement andSERPINA1	1
Complement andITGAM	1
Complement andCFH	1
Complement andSERPINE1	1
Complement andITGB2	1
Complement andPLAT	1
Complement andPLG	1
Complement andTFPI	1
Complement andCLU	1
Complement andKNG1	1
Complement andC2	1
Complement andC3	1
Complement andC3AR1	1
Complement andITGAX	1
Complement andBDKRB1	1
Complement andA2M	1
Complement andMBL2	1
Complement andSERPINB2	1
Complement andF10	1
Complement andF2R	1
Complement andF9	1
Complement andSERPING1	1
Complement andMASP1	1
Complement andCD46	1
Complement andCFB	1
Growth hormone IRS1	1
Growth hormone PIK3R3	1
Growth hormone PIK3CD	1
Growth hormone ITPR3	1
Growth hormone PIK3CB	1
Growth hormone SOCS3	1
Growth hormone MAPK8	1
Growth hormone SOCS1	1
Growth hormone GNA11	1

Growth hormone	AKT1	1
Growth hormone	MAPK1	1
Growth hormone	JAK2	1
Growth hormone	STAT5A	1
Growth hormone	GHSR	1
Growth hormone	STAT5B	1
Growth hormone	PRKCB	1
Growth hormone	STAT1	1
Growth hormone	IGFBP3	1
Growth hormone	STAT3	1
Growth hormone	PRKCA	1
Growth hormone	IGF1	1
Growth hormone	FOS	1
Growth hormone	MAPK14	1
Growth hormone	MTOR	1
Growth hormone	GH1	1
Growth hormone	CREB1	1
Growth hormone	PIK3CA	1
Growth hormone	IGFALS	1
Growth hormone	RAF1	1
Growth hormone	CRK	1
Growth hormone	ATF4	1
Gastric cancer	ABCB1	1
Gastric cancer	TERC	1
Gastric cancer	PIK3R3	1
Gastric cancer	PIK3CD	1
Gastric cancer	PIK3CB	1
Gastric cancer	FGF1	1
Gastric cancer	EGFR	1
Gastric cancer	SHH	1
Gastric cancer	CCND1	1
Gastric cancer	CDH1	1
Gastric cancer	MYC	1
Gastric cancer	AKT1	1
Gastric cancer	MAPK1	1
Gastric cancer	CTNNA3	1
Gastric cancer	WNT1	1
Gastric cancer	FGF23	1
Gastric cancer	WNT3	1
Gastric cancer	TGFB2	1
Gastric cancer	SMAD4	1
Gastric cancer	TGFB1	1

Gastric cancer	CDX2	1
Gastric cancer	TGFB3	1
Gastric cancer	FZD4	1
Gastric cancer	EGF	1
Gastric cancer	HGF	1
Gastric cancer	TGFBR1	1
Gastric cancer	MTOR	1
Gastric cancer	PIK3CA	1
Gastric cancer	APC	1
Gastric cancer	RPS6KB1	1
Gastric cancer	BCL2	1
Gastric cancer	BAX	1
Gastric cancer	CTNNB1	1
Gastric cancer	RAF1	1
Gastric cancer	TP53	1
Calcium signalin	PTAFR	1
Calcium signalin	CXCR4	1
Calcium signalin	ITPR3	1
Calcium signalin	MST1R	1
Calcium signalin	ADRB2	1
Calcium signalin	FGF1	1
Calcium signalin	ADRA1A	1
Calcium signalin	EGFR	1
Calcium signalin	GRM1	1
Calcium signalin	EDNRA	1
Calcium signalin	HRH1	1
Calcium signalin	EDNRB	1
Calcium signalin	ERBB3	1
Calcium signalin	GNA11	1
Calcium signalin	KDR	1
Calcium signalin	CD38	1
Calcium signalin	BDKRB1	1
Calcium signalin	NOS1	1
Calcium signalin	FGF23	1
Calcium signalin	NOS2	1
Calcium signalin	PRKCB	1
Calcium signalin	SPHK2	1
Calcium signalin	EGF	1
Calcium signalin	NOS3	1
Calcium signalin	SPHK1	1
Calcium signalin	HGF	1
Calcium signalin	MST1	1

Calcium signalin F2R	1
Calcium signalin VEGFB	1
Calcium signalin PRKCA	1
Calcium signalin ATP2B2	1
Calcium signalin NGF	1
Calcium signalin VEGFA	1
Calcium signalin P2RX7	1
Calcium signalin P2RX6	1
Calcium signalin P2RX5	1
Calcium signalin P2RX4	1
Calcium signalin P2RX3	1
Calcium signalin P2RX2	1
Calcium signalin P2RX1	1
Calcium signalin AGTR1	1
Calcium signalin CALM3	1
Calcium signalin CALM1	1
Calcium signalin CALM2	1
Calcium signalin SLC25A4	1
Calcium signalin FGFR1	1
Estrogen signalinPIK3R3	1
Estrogen signalinTGFA	1
Estrogen signalinPIK3CD	1
Estrogen signalinITPR3	1
Estrogen signalinPIK3CB	1
Estrogen signalinKRT20	1
Estrogen signalinGRM1	1
Estrogen signalinEGFR	1
Estrogen signalinAKT1	1
Estrogen signalinMAPK1	1
Estrogen signalinNCOA2	1
Estrogen signalinHSP90AA1	1
Estrogen signalinHSPA1L	1
Estrogen signalinNOS3	1
Estrogen signalinMMP2	1
Estrogen signalinHSPA2	1
Estrogen signalinFOS	1
Estrogen signalinESR1	1
Estrogen signalinMMP9	1
Estrogen signalinESR2	1
Estrogen signalinPOMC	1
Estrogen signalinCREB1	1
Estrogen signalinPIK3CA	1

Estrogen signalin	SP1	1
Estrogen signalin	BCL2	1
Estrogen signalin	RARA	1
Estrogen signalin	CALM3	1
Estrogen signalin	RAF1	1
Estrogen signalin	CALM1	1
Estrogen signalin	CALM2	1
Estrogen signalin	HSPA1B	1
Estrogen signalin	ATF4	1
Estrogen signalin	HSPA1A	1
Prion disease	NCF1	1
Prion disease	PIK3CD	1
Prion disease	PIK3CB	1
Prion disease	TNF	1
Prion disease	CASP9	1
Prion disease	PSMD7	1
Prion disease	PSMD4	1
Prion disease	CASP3	1
Prion disease	KIF5A	1
Prion disease	RAC2	1
Prion disease	COX8A	1
Prion disease	CYBB	1
Prion disease	IL1A	1
Prion disease	CREB1	1
Prion disease	PIK3CA	1
Prion disease	DDIT3	1
Prion disease	IL1B	1
Prion disease	SLC25A4	1
Prion disease	ATF4	1
Prion disease	C1QA	1
Prion disease	PSMD12	1
Prion disease	NOTCH1	1
Prion disease	ATP6	1
Prion disease	PIK3R3	1
Prion disease	ITPR3	1
Prion disease	COX5A	1
Prion disease	PSMB6	1
Prion disease	MAPK8	1
Prion disease	CCL5	1
Prion disease	COX2	1
Prion disease	MAPK1	1
Prion disease	COX1	1

Prion disease	NCAM1	1
Prion disease	FYN	1
Prion disease	EGR1	1
Prion disease	PRNP	1
Prion disease	HSPA1L	1
Prion disease	HSPA5	1
Prion disease	CAV1	1
Prion disease	ADRM1	1
Prion disease	EIF2AK3	1
Prion disease	HSPA2	1
Prion disease	MAPK14	1
Prion disease	SOD1	1
Prion disease	IL6	1
Prion disease	BAX	1
Prion disease	CYTB	1
Prion disease	HSPA1B	1
Prion disease	HSPA1A	1
Inflammatory me	PTGER4	1
Inflammatory me	PIK3R3	1
Inflammatory me	PIK3CD	1
Inflammatory me	ITPR3	1
Inflammatory me	PIK3CB	1
Inflammatory me	PLA2G6	1
Inflammatory me	KNG1	1
Inflammatory me	HRH1	1
Inflammatory me	MAPK8	1
Inflammatory me	P2RY2	1
Inflammatory me	BDKRB1	1
Inflammatory me	TRPM8	1
Inflammatory me	ASIC1	1
Inflammatory me	PRKCB	1
Inflammatory me	PRKCE	1
Inflammatory me	PLA2G4A	1
Inflammatory me	PRKCA	1
Inflammatory me	TRPV1	1
Inflammatory me	IGF1	1
Inflammatory me	NGF	1
Inflammatory me	MAPK14	1
Inflammatory me	PIK3CA	1
Inflammatory me	IL1B	1
Inflammatory me	F2RL1	1
Inflammatory me	CALM3	1

Inflammatory me CALM1	1
Inflammatory me CALM2	1
Relaxin signaling PIK3R3	1
Relaxin signaling PIK3CD	1
Relaxin signaling PIK3CB	1
Relaxin signaling RELA	1
Relaxin signaling EGFR	1
Relaxin signaling MAPK8	1
Relaxin signaling EDNRB	1
Relaxin signaling GNG2	1
Relaxin signaling AKT1	1
Relaxin signaling MAPK1	1
Relaxin signaling NOS1	1
Relaxin signaling EDN1	1
Relaxin signaling TGFB1	1
Relaxin signaling NOS2	1
Relaxin signaling MMP1	1
Relaxin signaling NOS3	1
Relaxin signaling MMP2	1
Relaxin signaling VEGFB	1
Relaxin signaling PRKCA	1
Relaxin signaling FOS	1
Relaxin signaling MAPK14	1
Relaxin signaling MMP9	1
Relaxin signaling NFkB1	1
Relaxin signaling TGFB1	1
Relaxin signaling VEGFA	1
Relaxin signaling NFkBIA	1
Relaxin signaling CREB1	1
Relaxin signaling PIK3CA	1
Relaxin signaling GNB3	1
Relaxin signaling RAF1	1
Relaxin signaling ATF4	1
Apelin signaling NOTCH3	1
Apelin signaling SERPINE1	1
Apelin signaling PLAT	1
Apelin signaling ITPR3	1
Apelin signaling PIK3CG	1
Apelin signaling GNG2	1
Apelin signaling CCND1	1
Apelin signaling CDH1	1
Apelin signaling SPP1	1

Apelin signaling	AKT1	1
Apelin signaling	MAPK1	1
Apelin signaling	NOS1	1
Apelin signaling	PPARGC1A	1
Apelin signaling	EGR1	1
Apelin signaling	SMAD4	1
Apelin signaling	JAG1	1
Apelin signaling	NOS2	1
Apelin signaling	SPHK2	1
Apelin signaling	NOS3	1
Apelin signaling	PRKCE	1
Apelin signaling	SPHK1	1
Apelin signaling	RPS6	1
Apelin signaling	TGFBR1	1
Apelin signaling	MTOR	1
Apelin signaling	APLN	1
Apelin signaling	RPS6KB1	1
Apelin signaling	AGTR1	1
Apelin signaling	GNB3	1
Apelin signaling	CALM3	1
Apelin signaling	RAF1	1
Apelin signaling	CALM1	1
Apelin signaling	CALM2	1
Renal cell carcin	ARNT2	1
Renal cell carcin	FH	1
Renal cell carcin	TGFB2	1
Renal cell carcin	TGFB1	1
Renal cell carcin	EPAS1	1
Renal cell carcin	TGFB3	1
Renal cell carcin	HGF	1
Renal cell carcin	PRCC	1
Renal cell carcin	PIK3CD	1
Renal cell carcin	PIK3R3	1
Renal cell carcin	TGFA	1
Renal cell carcin	PTPN11	1
Renal cell carcin	PIK3CB	1
Renal cell carcin	ETS1	1
Renal cell carcin	HIF1A	1
Renal cell carcin	VEGFA	1
Renal cell carcin	RAP1A	1
Renal cell carcin	PIK3CA	1
Renal cell carcin	AKT1	1

Renal cell carcin MAPK1	1
Renal cell carcin RAF1	1
Renal cell carcin CRK	1
Cytosolic DNA-s IL33	1
Cytosolic DNA-s IFNA13	1
Cytosolic DNA-s IFNA1	1
Cytosolic DNA-s DDX58	1
Cytosolic DNA-s IFNB1	1
Cytosolic DNA-s IFNA17	1
Cytosolic DNA-s IFNA2	1
Cytosolic DNA-s IL18	1
Cytosolic DNA-s RELA	1
Cytosolic DNA-s NFKB1	1
Cytosolic DNA-s NFKBIA	1
Cytosolic DNA-s CXCL10	1
Cytosolic DNA-s IL6	1
Cytosolic DNA-s MAVS	1
Cytosolic DNA-s AIM2	1
Cytosolic DNA-s STING1	1
Cytosolic DNA-s IL1B	1
Cytosolic DNA-s CCL5	1
Cytosolic DNA-s CCL4	1
Cytosolic DNA-s CASP1	1
Cytosolic DNA-s RIPK1	1
VEGF signaling SPHK2	1
VEGF signaling PRKCB	1
VEGF signaling NOS3	1
VEGF signaling SPHK1	1
VEGF signaling HSPB1	1
VEGF signaling PIK3CD	1
VEGF signaling PLA2G4A	1
VEGF signaling PIK3R3	1
VEGF signaling PRKCA	1
VEGF signaling PIK3CB	1
VEGF signaling PTGS2	1
VEGF signaling MAPK14	1
VEGF signaling VEGFA	1
VEGF signaling CASP9	1
VEGF signaling PIK3CA	1
VEGF signaling KDR	1
VEGF signaling RAC2	1
VEGF signaling AKT1	1

VEGF signaling	MAPK1	1
VEGF signaling	RAF1	1
TGF-beta signali	BMPR2	1
TGF-beta signali	TNF	1
TGF-beta signali	THBS1	1
TGF-beta signali	MYC	1
TGF-beta signali	MAPK1	1
TGF-beta signali	AMH	1
TGF-beta signali	TGFB2	1
TGF-beta signali	SMAD4	1
TGF-beta signali	TGFB1	1
TGF-beta signali	TGFB3	1
TGF-beta signali	FST	1
TGF-beta signali	NOG	1
TGF-beta signali	RGMB	1
TGF-beta signali	BMP7	1
TGF-beta signali	TGFBR1	1
TGF-beta signali	DCN	1
TGF-beta signali	RGMA	1
TGF-beta signali	BMP5	1
TGF-beta signali	SMAD7	1
TGF-beta signali	BMP4	1
TGF-beta signali	BMP2	1
TGF-beta signali	IFNG	1
TGF-beta signali	RPS6KB1	1
TGF-beta signali	SP1	1
TGF-beta signali	HAMP	1
Fc epsilon RI sig	CSF2	1
Fc epsilon RI sig	IL13	1
Fc epsilon RI sig	PIK3CD	1
Fc epsilon RI sig	PLA2G4A	1
Fc epsilon RI sig	PIK3R3	1
Fc epsilon RI sig	PRKCA	1
Fc epsilon RI sig	PIK3CB	1
Fc epsilon RI sig	MAPK14	1
Fc epsilon RI sig	TNF	1
Fc epsilon RI sig	IL4	1
Fc epsilon RI sig	IL3	1
Fc epsilon RI sig	MAPK8	1
Fc epsilon RI sig	IL5	1
Fc epsilon RI sig	PIK3CA	1
Fc epsilon RI sig	ALOX5	1

Fc epsilon RI sig RAC2	1
Fc epsilon RI sig BTK	1
Fc epsilon RI sig AKT1	1
Fc epsilon RI sig MAPK1	1
Fc epsilon RI sig FYN	1
Fc epsilon RI sig RAF1	1
Glioma PRKCB	1
Glioma EGF	1
Glioma CDKN2A	1
Glioma PIK3CD	1
Glioma PIK3R3	1
Glioma TGFA	1
Glioma PRKCA	1
Glioma PIK3CB	1
Glioma IGF1	1
Glioma EGFR	1
Glioma MTOR	1
Glioma IGF1R	1
Glioma CCND1	1
Glioma PIK3CA	1
Glioma AKT1	1
Glioma MAPK1	1
Glioma BAX	1
Glioma CALM3	1
Glioma RAF1	1
Glioma CALM1	1
Glioma TP53	1
Glioma CALM2	1
Endometrial can EGF	1
Endometrial can PIK3CD	1
Endometrial can PIK3R3	1
Endometrial can PIK3CB	1
Endometrial can FOXO3	1
Endometrial can EGFR	1
Endometrial can CASP9	1
Endometrial can CCND1	1
Endometrial can PIK3CA	1
Endometrial can APC	1
Endometrial can CDH1	1
Endometrial can MYC	1
Endometrial can AKT1	1
Endometrial can MAPK1	1

Endometrial can BAX	1
Endometrial can CTNNB1	1
Endometrial can CTNNA3	1
Endometrial can RAF1	1
Endometrial can TP53	1
Thyroid hormoneNOTCH2	1
Thyroid hormoneNOTCH3	1
Thyroid hormoneNOTCH1	1
Thyroid hormoneHDAC3	1
Thyroid hormoneHDAC1	1
Thyroid hormoneNOTCH4	1
Thyroid hormonePIK3R3	1
Thyroid hormonePIK3CD	1
Thyroid hormonePIK3CB	1
Thyroid hormoneHIF1A	1
Thyroid hormoneACTB	1
Thyroid hormoneACTG1	1
Thyroid hormoneCASP9	1
Thyroid hormoneCCND1	1
Thyroid hormoneMYC	1
Thyroid hormoneAKT1	1
Thyroid hormoneMAPK1	1
Thyroid hormoneNCOA2	1
Thyroid hormonePRKCB	1
Thyroid hormoneSTAT1	1
Thyroid hormonePRKCA	1
Thyroid hormoneESR1	1
Thyroid hormoneMTOR	1
Thyroid hormoneBMP4	1
Thyroid hormonePIK3CA	1
Thyroid hormoneCTNNB1	1
Thyroid hormoneRAF1	1
Thyroid hormoneTP53	1
Parathyroid hormPTH	1
Parathyroid hormITPR3	1
Parathyroid hormGATA3	1
Parathyroid hormPLD1	1
Parathyroid hormEGFR	1
Parathyroid hormPTHLH	1
Parathyroid hormCYP27B1	1
Parathyroid hormBGLAP	1
Parathyroid hormGNA11	1

Parathyroid horm	TNFSF11	1
Parathyroid horm	MAPK1	1
Parathyroid horm	FGF23	1
Parathyroid horm	EGR1	1
Parathyroid horm	KL	1
Parathyroid horm	PRKCB	1
Parathyroid horm	VDR	1
Parathyroid horm	PRKCA	1
Parathyroid horm	FOS	1
Parathyroid horm	NR4A2	1
Parathyroid horm	CREB1	1
Parathyroid horm	CYP24A1	1
Parathyroid horm	SP1	1
Parathyroid horm	BCL2	1
Parathyroid horm	RAF1	1
Parathyroid horm	ATF4	1
Parathyroid horm	FGFR1	1
Autophagy	IRS1	1
Autophagy	PIK3R3	1
Autophagy	PIK3CD	1
Autophagy	PIK3CB	1
Autophagy	HMGB1	1
Autophagy	AMBRA1	1
Autophagy	C9ORF72	1
Autophagy	HIF1A	1
Autophagy	IGF1R	1
Autophagy	INS	1
Autophagy	STK11	1
Autophagy	MAPK8	1
Autophagy	AKT1	1
Autophagy	MAPK1	1
Autophagy	MAP3K7	1
Autophagy	ATG5	1
Autophagy	EIF2AK3	1
Autophagy	ATG12	1
Autophagy	MTOR	1
Autophagy	ERN1	1
Autophagy	VMP1	1
Autophagy	ATG16L2	1
Autophagy	PIK3CA	1
Autophagy	RPS6KB1	1
Autophagy	ATG16L1	1

Autophagy	TRAF6	1
Autophagy	DDIT4	1
Autophagy	BCL2	1
Autophagy	RAF1	1
Autophagy	BCL2L1	1
Hippo signaling	pBMPR2	1
Hippo signaling	pSERPINE1	1
Hippo signaling	pITGB2	1
Hippo signaling	pAFP	1
Hippo signaling	pFGF1	1
Hippo signaling	pACTB	1
Hippo signaling	pACTG1	1
Hippo signaling	pSOX2	1
Hippo signaling	pCCND1	1
Hippo signaling	pCDH1	1
Hippo signaling	pMYC	1
Hippo signaling	pCTNNA3	1
Hippo signaling	pWNT1	1
Hippo signaling	pAMH	1
Hippo signaling	pWNT3	1
Hippo signaling	pTGFB2	1
Hippo signaling	pSMAD4	1
Hippo signaling	pTGFB1	1
Hippo signaling	pTGFB3	1
Hippo signaling	pFZD4	1
Hippo signaling	pBMP7	1
Hippo signaling	pYWHAZ	1
Hippo signaling	pTGFB1	1
Hippo signaling	pSMAD7	1
Hippo signaling	pBMP5	1
Hippo signaling	pBMP4	1
Hippo signaling	pBMP2	1
Hippo signaling	pAPC	1
Hippo signaling	pDLG5	1
Hippo signaling	pCTNNB1	1
Hippo signaling	pBIRC2	1
Hippo signaling	pTP73	1
Hippo signaling	pBIRC3	1
Spinocerebellar	GRIA2	1
Spinocerebellar	PSMD12	1
Spinocerebellar	PIK3R3	1
Spinocerebellar	PIK3CD	1

Spinocerebellar	RORA	1
Spinocerebellar	ITPR3	1
Spinocerebellar	PIK3CB	1
Spinocerebellar	AMBRA1	1
Spinocerebellar	RBPJ	1
Spinocerebellar	GRM1	1
Spinocerebellar	PSMB6	1
Spinocerebellar	ATXN2	1
Spinocerebellar	MAPK8	1
Spinocerebellar	PSMD7	1
Spinocerebellar	PSMD4	1
Spinocerebellar	KAT5	1
Spinocerebellar	AKT1	1
Spinocerebellar	CIC	1
Spinocerebellar	MAP3K5	1
Spinocerebellar	XBP1	1
Spinocerebellar	PRKCB	1
Spinocerebellar	TWINK	1
Spinocerebellar	ADRM1	1
Spinocerebellar	PRKCA	1
Spinocerebellar	TRAF2	1
Spinocerebellar	MTOR	1
Spinocerebellar	ERN1	1
Spinocerebellar	PIK3CA	1
Spinocerebellar	SP1	1
Spinocerebellar	SLC25A4	1
Parkinson disease	PSMD12	1
Parkinson disease	LRRK2	1
Parkinson disease	ATP6	1
Parkinson disease	ITPR3	1
Parkinson disease	TXN	1
Parkinson disease	PARK7	1
Parkinson disease	COX5A	1
Parkinson disease	SLC6A3	1
Parkinson disease	PSMB6	1
Parkinson disease	CASP9	1
Parkinson disease	MAPK8	1
Parkinson disease	PSMD7	1
Parkinson disease	PSMD4	1
Parkinson disease	CASP3	1
Parkinson disease	KIF5A	1
Parkinson disease	UBC	1

Parkinson diseases	COX2	1
Parkinson diseases	MFN2	1
Parkinson diseases	COX1	1
Parkinson diseases	DRD2	1
Parkinson diseases	MAP3K5	1
Parkinson diseases	SNCA	1
Parkinson diseases	COX8A	1
Parkinson diseases	DAXX	1
Parkinson diseases	XBP1	1
Parkinson diseases	HSPA5	1
Parkinson diseases	ADRM1	1
Parkinson diseases	EIF2AK3	1
Parkinson diseases	ERN1	1
Parkinson diseases	TH	1
Parkinson diseases	DDIT3	1
Parkinson diseases	BAX	1
Parkinson diseases	CALM3	1
Parkinson diseases	MAPT	1
Parkinson diseases	CYTB	1
Parkinson diseases	CALM1	1
Parkinson diseases	TP53	1
Parkinson diseases	CALM2	1
Parkinson diseases	SLC25A4	1
Parkinson diseases	ATF4	1
Parkinson diseases	BCL2L1	1
Parkinson diseases	NFE2L2	1
AMPK signaling	CRTC2	1
AMPK signaling	IRS1	1
AMPK signaling	PIK3R3	1
AMPK signaling	PIK3CD	1
AMPK signaling	SLC2A4	1
AMPK signaling	PIK3CB	1
AMPK signaling	HMGCR	1
AMPK signaling	FOXO3	1
AMPK signaling	ADRA1A	1
AMPK signaling	IGF1R	1
AMPK signaling	INS	1
AMPK signaling	STK11	1
AMPK signaling	CCND1	1
AMPK signaling	LEPR	1
AMPK signaling	AKT1	1
AMPK signaling	MAP3K7	1

AMPK signaling	PPARGC1A	1
AMPK signaling	CPT1A	1
AMPK signaling	ADIPOQ	1
AMPK signaling	IGF1	1
AMPK signaling	SIRT1	1
AMPK signaling	MTOR	1
AMPK signaling	CREB1	1
AMPK signaling	PIK3CA	1
AMPK signaling	RPS6KB1	1
AMPK signaling	LEP	1
AMPK signaling	PPARG	1
ErbB signaling p	STAT5A	1
ErbB signaling p	STAT5B	1
ErbB signaling p	PRKCB	1
ErbB signaling p	EGF	1
ErbB signaling p	PIK3CD	1
ErbB signaling p	PIK3R3	1
ErbB signaling p	TGFA	1
ErbB signaling p	NRG1	1
ErbB signaling p	PRKCA	1
ErbB signaling p	PIK3CB	1
ErbB signaling p	EGFR	1
ErbB signaling p	MTOR	1
ErbB signaling p	MAPK8	1
ErbB signaling p	PIK3CA	1
ErbB signaling p	ERBB3	1
ErbB signaling p	RPS6KB1	1
ErbB signaling p	MYC	1
ErbB signaling p	ABL1	1
ErbB signaling p	AKT1	1
ErbB signaling p	MAPK1	1
ErbB signaling p	RAF1	1
ErbB signaling p	CRK	1
Type II diabetes	IRS1	1
Type II diabetes	ABCC8	1
Type II diabetes	PRKCE	1
Type II diabetes	ADIPOQ	1
Type II diabetes	PIK3CD	1
Type II diabetes	PIK3R3	1
Type II diabetes	PIK3CB	1
Type II diabetes	SLC2A4	1
Type II diabetes	TNF	1

Type II diabetes	MTOR	1
Type II diabetes	INS	1
Type II diabetes	SOCS3	1
Type II diabetes	MAPK8	1
Type II diabetes	SOCS1	1
Type II diabetes	PIK3CA	1
Type II diabetes	MAPK1	1
Phospholipase	DCXCL8	1
Phospholipase	DLPAR2	1
Phospholipase	DPIK3R3	1
Phospholipase	DPIK3CD	1
Phospholipase	DLPAR3	1
Phospholipase	DPIK3CB	1
Phospholipase	DPLD1	1
Phospholipase	DGRM1	1
Phospholipase	DPIK3CG	1
Phospholipase	DEGFR	1
Phospholipase	DINS	1
Phospholipase	DGRM4	1
Phospholipase	DGRM7	1
Phospholipase	DCXCR1	1
Phospholipase	DCXCR2	1
Phospholipase	DAKT1	1
Phospholipase	DMAK1	1
Phospholipase	DFYN	1
Phospholipase	DSPHK2	1
Phospholipase	DEGF	1
Phospholipase	DSPHK1	1
Phospholipase	DF2R	1
Phospholipase	DPLA2G4A	1
Phospholipase	DPRKCA	1
Phospholipase	DPTPN11	1
Phospholipase	DAGT	1
Phospholipase	DMTOR	1
Phospholipase	DPIK3CA	1
Phospholipase	DAGTR1	1
Phospholipase	DRAF1	1
Melanoma	EGF	1
Melanoma	CDKN2A	1
Melanoma	HGF	1
Melanoma	PIK3CD	1
Melanoma	PIK3R3	1

Melanoma	PIK3CB	1
Melanoma	IGF1	1
Melanoma	FGF1	1
Melanoma	EGFR	1
Melanoma	IGF1R	1
Melanoma	CCND1	1
Melanoma	PIK3CA	1
Melanoma	CDH1	1
Melanoma	AKT1	1
Melanoma	MAPK1	1
Melanoma	BAX	1
Melanoma	RAF1	1
Melanoma	TP53	1
Melanoma	FGF23	1
Melanoma	FGFR1	1
Bladder cancer	CXCL8	1
Bladder cancer	EGF	1
Bladder cancer	CDKN2A	1
Bladder cancer	MMP1	1
Bladder cancer	MMP2	1
Bladder cancer	THBS1	1
Bladder cancer	MMP9	1
Bladder cancer	EGFR	1
Bladder cancer	VEGFA	1
Bladder cancer	CCND1	1
Bladder cancer	CDH1	1
Bladder cancer	MYC	1
Bladder cancer	MAPK1	1
Bladder cancer	RAF1	1
Bladder cancer	TP53	1
p53 signaling pa	CDKN2A	1
p53 signaling pa	IGFBP3	1
p53 signaling pa	SERPINE1	1
p53 signaling pa	TNFRSF10B	1
p53 signaling pa	TNFRSF10A	1
p53 signaling pa	IGF1	1
p53 signaling pa	THBS1	1
p53 signaling pa	CASP9	1
p53 signaling pa	COP1	1
p53 signaling pa	CASP8	1
p53 signaling pa	CCND1	1
p53 signaling pa	CASP3	1

p53 signaling pa BCL2	1
p53 signaling pa FAS	1
p53 signaling pa BAX	1
p53 signaling pa ATM	1
p53 signaling pa BID	1
p53 signaling pa TP53	1
p53 signaling pa TP73	1
p53 signaling pa BCL2L1	1
Signaling pathwaBMPR2	1
Signaling pathwaPIK3R3	1
Signaling pathwaPIK3CD	1
Signaling pathwaPIK3CB	1
Signaling pathwaIGF1R	1
Signaling pathwaSOX2	1
Signaling pathwaMYC	1
Signaling pathwaAKT1	1
Signaling pathwaMAPK1	1
Signaling pathwaWNT1	1
Signaling pathwaJAK2	1
Signaling pathwaJAK3	1
Signaling pathwaWNT3	1
Signaling pathwaJAK1	1
Signaling pathwaSMAD4	1
Signaling pathwaFZD4	1
Signaling pathwaSTAT3	1
Signaling pathwaLIF	1
Signaling pathwaIGF1	1
Signaling pathwaMAPK14	1
Signaling pathwaKLF4	1
Signaling pathwaPOU5F1	1
Signaling pathwaBMP4	1
Signaling pathwaPIK3CA	1
Signaling pathwaAPC	1
Signaling pathwaCTNNB1	1
Signaling pathwaIL6ST	1
Signaling pathwaRAF1	1
Signaling pathwaFGFR1	1
Systemic lupus eCD86	1
Systemic lupus eH2AX	1
Systemic lupus eC1QA	1
Systemic lupus eCD40	1
Systemic lupus eCD80	1

Systemic lupus eTNF	1
Systemic lupus eC2	1
Systemic lupus eC3	1
Systemic lupus eRO60	1
Systemic lupus eFCGR3A	1
Systemic lupus eHLA-DMA	1
Systemic lupus eFCGR3B	1
Systemic lupus eHLA-DMB	1
Systemic lupus eHLA-DOA	1
Systemic lupus eFCGR1A	1
Systemic lupus eHLA-DQA2	1
Systemic lupus eHLA-DQA1	1
Systemic lupus eHLA-DPA1	1
Systemic lupus eIL10	1
Systemic lupus eHLA-DRB5	1
Systemic lupus eFCGR2A	1
Systemic lupus eCD40LG	1
Systemic lupus eIFNG	1
Systemic lupus eCD28	1
Systemic lupus eHLA-DPB1	1
Systemic lupus eHLA-DRA	1
Systemic lupus eHLA-DRB1	1
Systemic lupus eHLA-DQB1	1
Amyotrophic late TNF	1
Amyotrophic late ACTB	1
Amyotrophic late ACTG1	1
Amyotrophic late CASP9	1
Amyotrophic late PSMD7	1
Amyotrophic late PSMD4	1
Amyotrophic late CASP3	1
Amyotrophic late KIF5A	1
Amyotrophic late CASP1	1
Amyotrophic late NEFL	1
Amyotrophic late NOS1	1
Amyotrophic late SPG11	1
Amyotrophic late MAP3K5	1
Amyotrophic late COX8A	1
Amyotrophic late DAXX	1
Amyotrophic late TRAF2	1
Amyotrophic late NRG1	1
Amyotrophic late TNFRSF1B	1
Amyotrophic late TNFRSF1A	1

Amyotrophic late ERN1	1
Amyotrophic late DDIT3	1
Amyotrophic late CAT	1
Amyotrophic late HAP1	1
Amyotrophic late TP53	1
Amyotrophic late ATF4	1
Amyotrophic late GRIA2	1
Amyotrophic late PSMD12	1
Amyotrophic late DCTN1	1
Amyotrophic late ATP6	1
Amyotrophic late ITPR3	1
Amyotrophic late AMBRA1	1
Amyotrophic late C9ORF72	1
Amyotrophic late COX5A	1
Amyotrophic late PSMB6	1
Amyotrophic late NXF1	1
Amyotrophic late ATXN2	1
Amyotrophic late COX2	1
Amyotrophic late COX1	1
Amyotrophic late BID	1
Amyotrophic late HNRNPA1	1
Amyotrophic late XBP1	1
Amyotrophic late HSPA5	1
Amyotrophic late NOS2	1
Amyotrophic late ADRM1	1
Amyotrophic late EIF2AK3	1
Amyotrophic late MAPK14	1
Amyotrophic late MTOR	1
Amyotrophic late SOD1	1
Amyotrophic late BCL2	1
Amyotrophic late BAX	1
Amyotrophic late CYTB	1
Amyotrophic late BCL2L1	1
cAMP signaling GRIA2	1
cAMP signaling VIPR2	1
cAMP signaling PIK3R3	1
cAMP signaling PIK3CD	1
cAMP signaling ADRB2	1
cAMP signaling PIK3CB	1
cAMP signaling GLI1	1
cAMP signaling PLD1	1
cAMP signaling RELA	1

cAMP signaling	EDNRA	1
cAMP signaling	MAPK8	1
cAMP signaling	RAP1A	1
cAMP signaling	NPY	1
cAMP signaling	RAC2	1
cAMP signaling	AKT1	1
cAMP signaling	MAPK1	1
cAMP signaling	DRD2	1
cAMP signaling	AMH	1
cAMP signaling	GHSR	1
cAMP signaling	EDN1	1
cAMP signaling	BDNF	1
cAMP signaling	F2R	1
cAMP signaling	GCG	1
cAMP signaling	ATP2B2	1
cAMP signaling	FOS	1
cAMP signaling	NFKB1	1
cAMP signaling	NFKBIA	1
cAMP signaling	POMC	1
cAMP signaling	ADCYAP1	1
cAMP signaling	CREB1	1
cAMP signaling	PIK3CA	1
cAMP signaling	CALM3	1
cAMP signaling	CALM1	1
cAMP signaling	PPARA	1
cAMP signaling	RAF1	1
cAMP signaling	VIP	1
cAMP signaling	CALM2	1
Primary immuno	CD40	1
Primary immuno	CIITA	1
Primary immuno	AIRE	1
Primary immuno	TAP1	1
Primary immuno	TNFRSF13C	1
Primary immuno	AICDA	1
Primary immuno	PTPRC	1
Primary immuno	CD40LG	1
Primary immuno	CD8A	1
Primary immuno	CD19	1
Primary immuno	BTK	1
Primary immuno	IL7R	1
Primary immuno	JAK3	1
Primary immuno	ADA	1

Adherens junctio SMAD4	1
Adherens junctio WAS	1
Adherens junctio IQGAP1	1
Adherens junctio ACTB	1
Adherens junctio TGFBR1	1
Adherens junctio EGFR	1
Adherens junctio ACTG1	1
Adherens junctio IGF1R	1
Adherens junctio CDH1	1
Adherens junctio RAC2	1
Adherens junctio MAPK1	1
Adherens junctio CTNNB1	1
Adherens junctio CTNNA3	1
Adherens junctio FYN	1
Adherens junctio PTPN6	1
Adherens junctio MAP3K7	1
Adherens junctio VCL	1
Adherens junctio NECTIN2	1
Adherens junctio FGFR1	1
Regulation of actITGB1	1
Regulation of actITGAM	1
Regulation of actITGB2	1
Regulation of actLPAR2	1
Regulation of actPIK3R3	1
Regulation of actCXCR4	1
Regulation of actPIK3CD	1
Regulation of actIQGAP1	1
Regulation of actPIK3CB	1
Regulation of actFGF1	1
Regulation of actITGAL	1
Regulation of actACTB	1
Regulation of actEGFR	1
Regulation of actKNG1	1
Regulation of actACTG1	1
Regulation of actINS	1
Regulation of actCFL1	1
Regulation of actRAC2	1
Regulation of actITGAX	1
Regulation of actBDKRB1	1
Regulation of actMAPK1	1
Regulation of actFGF23	1
Regulation of actGSN	1

Regulation of actITGA4	1
Regulation of actEGF	1
Regulation of actINSRR	1
Regulation of actF2R	1
Regulation of actFN1	1
Regulation of actMSN	1
Regulation of actCXCL12	1
Regulation of actPIK3CA	1
Regulation of actAPC	1
Regulation of actRAF1	1
Regulation of actCRK	1
Regulation of actVCL	1
Regulation of actFGFR1	1
B cell receptor si PRKCB	1
B cell receptor si PIK3CD	1
B cell receptor si PIK3R3	1
B cell receptor si LILRB1	1
B cell receptor si PIK3CB	1
B cell receptor si FOS	1
B cell receptor si BCL10	1
B cell receptor si RELA	1
B cell receptor si MALT1	1
B cell receptor si NFKB1	1
B cell receptor si NFKBIA	1
B cell receptor si PIK3CA	1
B cell receptor si CD19	1
B cell receptor si RAC2	1
B cell receptor si BTK	1
B cell receptor si AKT1	1
B cell receptor si MAPK1	1
B cell receptor si PTPN6	1
B cell receptor si RAF1	1
B cell receptor si CARD11	1
Choline metaboli SLC44A4	1
Choline metaboli PRKCB	1
Choline metaboli EGF	1
Choline metaboli WAS	1
Choline metaboli PIK3R3	1
Choline metaboli PIK3CD	1
Choline metaboli PLA2G4A	1
Choline metaboli PRKCA	1
Choline metaboli PIK3CB	1

Choline metaboli FOS	1
Choline metaboli PLD1	1
Choline metaboli HIF1A	1
Choline metaboli EGFR	1
Choline metaboli MTOR	1
Choline metaboli MAPK8	1
Choline metaboli PIK3CA	1
Choline metaboli RPS6KB1	1
Choline metaboli SP1	1
Choline metaboli RAC2	1
Choline metaboli AKT1	1
Choline metaboli MAPK1	1
Choline metaboli RAF1	1
Cushing syndromFH	1
Cushing syndromKMT2A	1
Cushing syndromTPR3	1
Cushing syndromAHR	1
Cushing syndromCRHR1	1
Cushing syndromEGFR	1
Cushing syndromCYP17A1	1
Cushing syndromRAP1A	1
Cushing syndromRASD1	1
Cushing syndromCCND1	1
Cushing syndromGNA11	1
Cushing syndromMAPK1	1
Cushing syndromWNT1	1
Cushing syndromLDLR	1
Cushing syndromWNT3	1
Cushing syndromFZD4	1
Cushing syndromCDKN2A	1
Cushing syndromAGT	1
Cushing syndromPOMC	1
Cushing syndromNR4A1	1
Cushing syndromCREB1	1
Cushing syndromAPC	1
Cushing syndromSP1	1
Cushing syndromCYP21A2	1
Cushing syndromAGTR1	1
Cushing syndromCTNNB1	1
Cushing syndromKCNK3	1
Cushing syndromATF4	1
Platelet activatio ITGB1	1

Platelet activatio P2RY12	1
Platelet activatio NOS3	1
Platelet activatio F2R	1
Platelet activatio PIK3R3	1
Platelet activatio PIK3CD	1
Platelet activatio PLA2G4A	1
Platelet activatio ITPR3	1
Platelet activatio PIK3CB	1
Platelet activatio MAPK14	1
Platelet activatio RASGRP1	1
Platelet activatio ACTB	1
Platelet activatio PIK3CG	1
Platelet activatio ACTG1	1
Platelet activatio RAP1A	1
Platelet activatio FCGR2A	1
Platelet activatio PIK3CA	1
Platelet activatio P2RX1	1
Platelet activatio P2RY1	1
Platelet activatio BTK	1
Platelet activatio AKT1	1
Platelet activatio MAPK1	1
Platelet activatio FYN	1
Platelet activatio TLN1	1
Cholesterol metaABCA1	1
Cholesterol metaLRP1	1
Cholesterol metaSORT1	1
Cholesterol metaAPOA1	1
Cholesterol metaLPL	1
Cholesterol metaLRP2	1
Cholesterol metaCYP27A1	1
Cholesterol metaSOAT1	1
Cholesterol metaAPOC1	1
Cholesterol metaTSPO	1
Cholesterol metaANGPTL4	1
Cholesterol metaAPOE	1
Cholesterol metaLPA	1
Cholesterol metaLDLR	1
Aldosterone-reguPIK3CA	1
Aldosterone-reguIRS1	1
Aldosterone-reguPRKCB	1
Aldosterone-reguPIK3CD	1
Aldosterone-reguPIK3R3	1

Aldosterone-reguMAPK1	1
Aldosterone-reguPRKCA	1
Aldosterone-reguPIK3CB	1
Aldosterone-reguIGF1	1
Aldosterone-reguSGK1	1
Aldosterone-reguNR3C2	1
Aldosterone-reguINS	1
Aldosterone synt PRKCB	1
Aldosterone synt PRKCE	1
Aldosterone synt PRKCA	1
Aldosterone synt ITPR3	1
Aldosterone synt ATP2B2	1
Aldosterone synt AGT	1
Aldosterone synt NR4A2	1
Aldosterone synt POMC	1
Aldosterone synt NR4A1	1
Aldosterone synt CREB1	1
Aldosterone synt CYP21A2	1
Aldosterone synt GNA11	1
Aldosterone synt AGTR1	1
Aldosterone synt PRKD2	1
Aldosterone synt CALM3	1
Aldosterone synt CALM1	1
Aldosterone synt CALM2	1
Aldosterone synt LDLR	1
Aldosterone synt KCNK3	1
Aldosterone synt ATF4	1
Central carbon mPIK3CD	1
Central carbon mPIK3R3	1
Central carbon mPIK3CB	1
Central carbon mHIF1A	1
Central carbon mEGFR	1
Central carbon mMTOR	1
Central carbon mSIRT3	1
Central carbon mLDHA	1
Central carbon mPIK3CA	1
Central carbon mMYC	1
Central carbon mAKT1	1
Central carbon mMAPK1	1
Central carbon mRAF1	1
Central carbon mSLC16A3	1
Central carbon mTP53	1

Central carbon mFGFR1	1
Renin-angiotensi ACE2	1
Renin-angiotensi MAS1	1
Renin-angiotensi ACE	1
Renin-angiotensi ANPEP	1
Renin-angiotensi ATP6AP2	1
Renin-angiotensi AGTR1	1
Renin-angiotensi PRCP	1
Renin-angiotensi REN	1
Renin-angiotensi AGT	1
Insulin signaling IRS1	1
Insulin signaling RPS6	1
Insulin signaling PIK3R3	1
Insulin signaling PIK3CD	1
Insulin signaling SLC2A4	1
Insulin signaling PIK3CB	1
Insulin signaling MTOR	1
Insulin signaling INS	1
Insulin signaling SOCS3	1
Insulin signaling MAPK8	1
Insulin signaling SOCS1	1
Insulin signaling PIK3CA	1
Insulin signaling RPS6KB1	1
Insulin signaling PRKAR1A	1
Insulin signaling FLOT1	1
Insulin signaling AKT1	1
Insulin signaling MAPK1	1
Insulin signaling CALM3	1
Insulin signaling RAF1	1
Insulin signaling CALM1	1
Insulin signaling PPARGC1A	1
Insulin signaling CALM2	1
Insulin signaling CRK	1
Steroid biosynth CYP27B1	1
Steroid biosynth CYP24A1	1
Steroid biosynth SOAT1	1
Steroid biosynth CYP2R1	1
Steroid biosynth DHCR24	1
Steroid biosynth DHCR7	1
Steroid biosynth HSD17B7	1
Steroid biosynth LBR	1
cGMP-PKG sign IRS1	1

cGMP-PKG sign ITPR3	1
cGMP-PKG sign ADRB2	1
cGMP-PKG sign ADRA1A	1
cGMP-PKG sign KNG1	1
cGMP-PKG sign PIK3CG	1
cGMP-PKG sign INS	1
cGMP-PKG sign EDNRA	1
cGMP-PKG sign EDNRB	1
cGMP-PKG sign GNA11	1
cGMP-PKG sign AKT1	1
cGMP-PKG sign MAPK1	1
cGMP-PKG sign GTF2I	1
cGMP-PKG sign NOS3	1
cGMP-PKG sign PRKCE	1
cGMP-PKG sign ATP2B2	1
cGMP-PKG sign ADRA2B	1
cGMP-PKG sign CREB1	1
cGMP-PKG sign KCNMA1	1
cGMP-PKG sign AGTR1	1
cGMP-PKG sign CALM3	1
cGMP-PKG sign RAF1	1
cGMP-PKG sign CALM1	1
cGMP-PKG sign CALM2	1
cGMP-PKG sign SLC25A4	1
cGMP-PKG sign ATF4	1
Bacterial invasio ITGB1	1
Bacterial invasio CAV1	1
Bacterial invasio FN1	1
Bacterial invasio PIK3CD	1
Bacterial invasio PIK3R3	1
Bacterial invasio PIK3CB	1
Bacterial invasio ACTB	1
Bacterial invasio ACTG1	1
Bacterial invasio CD2AP	1
Bacterial invasio PIK3CA	1
Bacterial invasio CDH1	1
Bacterial invasio ELMO1	1
Bacterial invasio CTNNB1	1
Bacterial invasio CTNNA3	1
Bacterial invasio CRK	1
Bacterial invasio VCL	1
Renin secretion PTGER4	1

Renin secretion	EDN1	1
Renin secretion	ACE	1
Renin secretion	ITPR3	1
Renin secretion	ADRB2	1
Renin secretion	AGT	1
Renin secretion	ADCYAP1	1
Renin secretion	EDNRA	1
Renin secretion	CREB1	1
Renin secretion	KCNMA1	1
Renin secretion	AGTR1	1
Renin secretion	REN	1
Renin secretion	CALM3	1
Renin secretion	CALM1	1
Renin secretion	CALM2	1
Cholinergic syna	ACHE	1
Cholinergic syna	PRKCB	1
Cholinergic syna	PIK3R3	1
Cholinergic syna	PIK3CD	1
Cholinergic syna	PRKCA	1
Cholinergic syna	ITPR3	1
Cholinergic syna	PIK3CB	1
Cholinergic syna	FOS	1
Cholinergic syna	PIK3CG	1
Cholinergic syna	CREB1	1
Cholinergic syna	GNG2	1
Cholinergic syna	PIK3CA	1
Cholinergic syna	GNA11	1
Cholinergic syna	BCL2	1
Cholinergic syna	AKT1	1
Cholinergic syna	GNB3	1
Cholinergic syna	MAPK1	1
Cholinergic syna	FYN	1
Cholinergic syna	JAK2	1
Cholinergic syna	ATF4	1
Epithelial cell sig	CXCL8	1
Epithelial cell sig	CXCL1	1
Epithelial cell sig	PTPN11	1
Epithelial cell sig	MAPK14	1
Epithelial cell sig	CXCL2	1
Epithelial cell sig	RELA	1
Epithelial cell sig	EGFR	1
Epithelial cell sig	NFKB1	1

Epithelial cell sig NFKBIA	1
Epithelial cell sig ADAM17	1
Epithelial cell sig MAPK8	1
Epithelial cell sig CXCR1	1
Epithelial cell sig CASP3	1
Epithelial cell sig CCL5	1
Epithelial cell sig CXCR2	1
Dopaminergic sy GRIA2	1
Dopaminergic sy PRKCB	1
Dopaminergic sy PRKCA	1
Dopaminergic sy ITPR3	1
Dopaminergic sy FOS	1
Dopaminergic sy COMT	1
Dopaminergic sy MAPK14	1
Dopaminergic sy SLC6A3	1
Dopaminergic sy ARNTL	1
Dopaminergic sy MAPK8	1
Dopaminergic sy CREB1	1
Dopaminergic sy GNG2	1
Dopaminergic sy TH	1
Dopaminergic sy KIF5A	1
Dopaminergic sy AKT1	1
Dopaminergic sy GNB3	1
Dopaminergic sy CALM3	1
Dopaminergic sy DRD2	1
Dopaminergic sy CALM1	1
Dopaminergic sy CLOCK	1
Dopaminergic sy CALM2	1
Dopaminergic sy ATF4	1
Protein processi RNF5	1
Protein processi MAPK8	1
Protein processi GANAB	1
Protein processi SIL1	1
Protein processi MAP3K5	1
Protein processi MBTPS1	1
Protein processi XBP1	1
Protein processi HSP90AA1	1
Protein processi HSPA5	1
Protein processi HSPA1L	1
Protein processi EIF2AK3	1
Protein processi SYVN1	1
Protein processi EIF2AK2	1

Protein processi	TRAF2	1
Protein processi	HSPA2	1
Protein processi	ERN1	1
Protein processi	DDIT3	1
Protein processi	CANX	1
Protein processi	BCL2	1
Protein processi	BAX	1
Protein processi	P4HB	1
Protein processi	CRYAB	1
Protein processi	HSPA1B	1
Protein processi	ATF4	1
Protein processi	NFE2L2	1
Protein processi	HSPA1A	1
Vascular smooth	EDN1	1
Vascular smooth	PRKCB	1
Vascular smooth	PLA2G1B	1
Vascular smooth	PRKCE	1
Vascular smooth	PLA2G2A	1
Vascular smooth	PLA2G4A	1
Vascular smooth	PRKCA	1
Vascular smooth	ITPR3	1
Vascular smooth	ADM	1
Vascular smooth	PLA2G6	1
Vascular smooth	ADRA1A	1
Vascular smooth	ACTG2	1
Vascular smooth	AGT	1
Vascular smooth	EDNRA	1
Vascular smooth	GNA11	1
Vascular smooth	KCNMA1	1
Vascular smooth	AGTR1	1
Vascular smooth	MAPK1	1
Vascular smooth	CALM3	1
Vascular smooth	RAF1	1
Vascular smooth	CALM1	1
Vascular smooth	CALM2	1
Ferroptosis	PRNP	1
Ferroptosis	GPX4	1
Ferroptosis	PCBP1	1
Ferroptosis	ALOX15	1
Ferroptosis	SLC40A1	1
Ferroptosis	HMOX1	1
Ferroptosis	CYBB	1

Ferroptosis	SLC7A11	1
Ferroptosis	CP	1
Ferroptosis	TP53	1
Ferroptosis	ATG5	1
mTOR signaling	IRS1	1
mTOR signaling	PRKCB	1
mTOR signaling	FZD4	1
mTOR signaling	RPS6	1
mTOR signaling	PIK3R3	1
mTOR signaling	PIK3CD	1
mTOR signaling	PRKCA	1
mTOR signaling	IGF1	1
mTOR signaling	PIK3CB	1
mTOR signaling	TNF	1
mTOR signaling	MTOR	1
mTOR signaling	IGF1R	1
mTOR signaling	TNFRSF1A	1
mTOR signaling	INS	1
mTOR signaling	STK11	1
mTOR signaling	PIK3CA	1
mTOR signaling	RPS6KB1	1
mTOR signaling	DDIT4	1
mTOR signaling	AKT1	1
mTOR signaling	MAPK1	1
mTOR signaling	RAF1	1
mTOR signaling	WNT1	1
mTOR signaling	SGK1	1
mTOR signaling	WNT3	1
Linoleic acid met	CYP2C9	1
Linoleic acid met	PLA2G1B	1
Linoleic acid met	ALOX15	1
Linoleic acid met	PLA2G2A	1
Linoleic acid met	PLA2G4A	1
Linoleic acid met	PLA2G6	1
Linoleic acid met	CYP3A4	1
Linoleic acid met	CYP2C19	1
Linoleic acid met	PLB1	1
GnRH signaling	EGR1	1
GnRH signaling	PRKCB	1
GnRH signaling	MMP2	1
GnRH signaling	PLA2G4A	1
GnRH signaling	PRKCA	1

GnRH signaling	ITPR3	1
GnRH signaling	PLD1	1
GnRH signaling	MAPK14	1
GnRH signaling	EGFR	1
GnRH signaling	MAPK8	1
GnRH signaling	GNA11	1
GnRH signaling	MAPK1	1
GnRH signaling	CALM3	1
GnRH signaling	RAF1	1
GnRH signaling	CALM1	1
GnRH signaling	CALM2	1
GnRH signaling	ATF4	1
Long-term depre	GRIA2	1
Long-term depre	PRKCB	1
Long-term depre	PLA2G4A	1
Long-term depre	PRKCA	1
Long-term depre	ITPR3	1
Long-term depre	IGF1	1
Long-term depre	GRM1	1
Long-term depre	CRHR1	1
Long-term depre	IGF1R	1
Long-term depre	GNA11	1
Long-term depre	MAPK1	1
Long-term depre	NOS1	1
Long-term depre	RAF1	1
Amphetamine ad	GRIA2	1
Amphetamine ad	PRKCB	1
Amphetamine ad	HDAC1	1
Amphetamine ad	PRKCA	1
Amphetamine ad	FOS	1
Amphetamine ad	SIRT1	1
Amphetamine ad	SLC6A3	1
Amphetamine ad	CREB1	1
Amphetamine ad	TH	1
Amphetamine ad	CALM3	1
Amphetamine ad	CALM1	1
Amphetamine ad	CALM2	1
Amphetamine ad	STX1A	1
Amphetamine ad	ATF4	1
Arachidonic acid	PLA2G1B	1
Arachidonic acid	ALOX15	1
Arachidonic acid	PLA2G2A	1

Arachidonic acid PLA2G4A	1
Arachidonic acid PLA2G6	1
Arachidonic acid CYP2C19	1
Arachidonic acid PTGS2	1
Arachidonic acid PLB1	1
Arachidonic acid CYP2C9	1
Arachidonic acid HPGDS	1
Arachidonic acid CYP2B6	1
Arachidonic acid ALOX5	1
Arachidonic acid PTGES	1
Huntington diseaGRIA2	1
Huntington diseaPSMD12	1
Huntington diseaHDAC1	1
Huntington diseaDCTN1	1
Huntington diseaATP6	1
Huntington diseaAMBRA1	1
Huntington diseaCOX5A	1
Huntington diseaPSMB6	1
Huntington diseaCASP9	1
Huntington diseaMAPK8	1
Huntington diseaPSMD7	1
Huntington diseaCASP8	1
Huntington diseaPSMD4	1
Huntington diseaCASP3	1
Huntington diseaKIF5A	1
Huntington diseaCOX2	1
Huntington diseaCOX1	1
Huntington diseaPPARGC1A	1
Huntington diseaMAP3K5	1
Huntington diseaTGM2	1
Huntington diseaCOX8A	1
Huntington diseaBDNF	1
Huntington diseaADRM1	1
Huntington diseaTRAF2	1
Huntington diseaSOD2	1
Huntington diseaMTOR	1
Huntington diseaSOD1	1
Huntington diseaERN1	1
Huntington diseaCREB1	1
Huntington diseaSP1	1
Huntington diseaBAX	1
Huntington diseaPPARG	1

Huntington diseaHAP1	1
Huntington diseaCYTB	1
Huntington diseaTP53	1
Huntington diseaSLC25A4	1
Huntington diseaSTX1A	1
Circadian entrainGRIA2	1
Circadian entrainPRKCB	1
Circadian entrainPRKCA	1
Circadian entrainITPR3	1
Circadian entrainFOS	1
Circadian entrainADCYAP1	1
Circadian entrainCREB1	1
Circadian entrainGNG2	1
Circadian entrainRASD1	1
Circadian entrainPER3	1
Circadian entrainMTNR1B	1
Circadian entrainGNB3	1
Circadian entrainMAPK1	1
Circadian entrainCALM3	1
Circadian entrainNOS1	1
Circadian entrainCALM1	1
Circadian entrainCALM2	1
GnRH secretion PRKCB	1
GnRH secretion PIK3CD	1
GnRH secretion PIK3R3	1
GnRH secretion PRKCA	1
GnRH secretion ITPR3	1
GnRH secretion PIK3CB	1
GnRH secretion ESR2	1
GnRH secretion PIK3CA	1
GnRH secretion GNA11	1
GnRH secretion SPP1	1
GnRH secretion AKT1	1
GnRH secretion MAPK1	1
GnRH secretion RAF1	1
Cortisol synthesi ITPR3	1
Cortisol synthesi AGT	1
Cortisol synthesi CYP17A1	1
Cortisol synthesi POMC	1
Cortisol synthesi NR4A1	1
Cortisol synthesi CREB1	1
Cortisol synthesi CYP21A2	1

Cortisol synthesis	SP1	1
Cortisol synthesis	GNA11	1
Cortisol synthesis	AGTR1	1
Cortisol synthesis	LDLR	1
Cortisol synthesis	KCNK3	1
Cortisol synthesis	ATF4	1
Melanogenesis	EDN1	1
Melanogenesis	PRKCB	1
Melanogenesis	FZD4	1
Melanogenesis	PRKCA	1
Melanogenesis	TYR	1
Melanogenesis	POMC	1
Melanogenesis	EDNRB	1
Melanogenesis	MC1R	1
Melanogenesis	CREB1	1
Melanogenesis	MAPK1	1
Melanogenesis	CTNNB1	1
Melanogenesis	CALM3	1
Melanogenesis	RAF1	1
Melanogenesis	WNT1	1
Melanogenesis	CALM1	1
Melanogenesis	CALM2	1
Melanogenesis	WNT3	1
Axon guidance	ITGB1	1
Axon guidance	SEMA7A	1
Axon guidance	BMPR2	1
Axon guidance	SEMA3A	1
Axon guidance	PIK3R3	1
Axon guidance	PIK3CD	1
Axon guidance	CXCR4	1
Axon guidance	PIK3CB	1
Axon guidance	NTN1	1
Axon guidance	SHH	1
Axon guidance	CFL1	1
Axon guidance	PLXNA2	1
Axon guidance	ABL1	1
Axon guidance	RAC2	1
Axon guidance	MAPK1	1
Axon guidance	FYN	1
Axon guidance	EPHB2	1
Axon guidance	EPHA4	1
Axon guidance	PRKCA	1

Axon guidance	PTPN11	1
Axon guidance	BMP7	1
Axon guidance	RGMA	1
Axon guidance	CXCL12	1
Axon guidance	PIK3CA	1
Axon guidance	RAF1	1
Mitophagy	EIF2AK3	1
Mitophagy	AMBRA1	1
Mitophagy	FOXO3	1
Mitophagy	HIF1A	1
Mitophagy	RELA	1
Mitophagy	MAPK8	1
Mitophagy	SP1	1
Mitophagy	UBC	1
Mitophagy	MFN2	1
Mitophagy	TP53	1
Mitophagy	ATF4	1
Mitophagy	ATG5	1
Mitophagy	BCL2L1	1
Insulin secretion	SNAP25	1
Insulin secretion	ABCC8	1
Insulin secretion	PRKCB	1
Insulin secretion	PRKCA	1
Insulin secretion	ITPR3	1
Insulin secretion	GCG	1
Insulin secretion	INS	1
Insulin secretion	ADCYAP1	1
Insulin secretion	CREB1	1
Insulin secretion	GNA11	1
Insulin secretion	KCNMA1	1
Insulin secretion	STX1A	1
Insulin secretion	VAMP2	1
Insulin secretion	ATF4	1
Insulin secretion	TRPM4	1
Regulation of lip	FABP4	1
Regulation of lip	PIK3CA	1
Regulation of lip	IRS1	1
Regulation of lip	NPY	1
Regulation of lip	PIK3CD	1
Regulation of lip	AKT1	1
Regulation of lip	PIK3R3	1
Regulation of lip	PIK3CB	1

Regulation of lip ADRB2	1
Regulation of lip PTGS2	1
Regulation of lip INS	1
PPAR signaling CPT1A	1
PPAR signaling MMP1	1
PPAR signaling ADIPOQ	1
PPAR signaling APOA1	1
PPAR signaling LPL	1
PPAR signaling NR1H3	1
PPAR signaling CYP27A1	1
PPAR signaling FABP4	1
PPAR signaling UBC	1
PPAR signaling OLR1	1
PPAR signaling PPARG	1
PPAR signaling ANGPTL4	1
PPAR signaling PPARA	1
Serotonergic syn APP	1
Serotonergic syn PRKCB	1
Serotonergic syn ALOX15	1
Serotonergic syn PLA2G4A	1
Serotonergic syn PRKCA	1
Serotonergic syn ITPR3	1
Serotonergic syn CYP2C19	1
Serotonergic syn PTGS2	1
Serotonergic syn SLC6A4	1
Serotonergic syn CYP2C9	1
Serotonergic syn GNG2	1
Serotonergic syn CYP2D6	1
Serotonergic syn CASP3	1
Serotonergic syn ALOX5	1
Serotonergic syn GNB3	1
Serotonergic syn MAPK1	1
Serotonergic syn RAF1	1
Long-term poten GRIA2	1
Long-term poten RAP1A	1
Long-term poten PRKCB	1
Long-term poten MAPK1	1
Long-term poten PRKCA	1
Long-term poten ITPR3	1
Long-term poten CALM3	1
Long-term poten RAF1	1
Long-term poten CALM1	1

Long-term poten CALM2	1
Long-term poten GRM1	1
Long-term poten ATF4	1
Ovarian steroido ALOX5	1
Ovarian steroido CYP1B1	1
Ovarian steroido PLA2G4A	1
Ovarian steroido IGF1	1
Ovarian steroido HSD17B7	1
Ovarian steroido PTGS2	1
Ovarian steroido LDLR	1
Ovarian steroido IGF1R	1
Ovarian steroido INS	1
Ovarian steroido CYP17A1	1
Hypertrophic car ITGB1	1
Hypertrophic car EDN1	1
Hypertrophic car TGFB2	1
Hypertrophic car TGFB1	1
Hypertrophic car ACE	1
Hypertrophic car ITGA4	1
Hypertrophic car TGFB3	1
Hypertrophic car IGF1	1
Hypertrophic car TNF	1
Hypertrophic car ACTB	1
Hypertrophic car AGT	1
Hypertrophic car ACTG1	1
Hypertrophic car IL6	1
Hypertrophic car LMNA	1
Basal cell carcin BMP4	1
Basal cell carcin SHH	1
Basal cell carcin BMP2	1
Basal cell carcin APC	1
Basal cell carcin FZD4	1
Basal cell carcin BAX	1
Basal cell carcin CTNNB1	1
Basal cell carcin GLI1	1
Basal cell carcin WNT1	1
Basal cell carcin TP53	1
Basal cell carcin WNT3	1
Thyroid cancer CCND1	1
Thyroid cancer CDH1	1
Thyroid cancer MYC	1
Thyroid cancer MAPK1	1

Thyroid cancer	BAX	1
Thyroid cancer	CTNNB1	1
Thyroid cancer	PPARG	1
Thyroid cancer	TP53	1
Salivary secretio	PRKCB	1
Salivary secretio	PRKCA	1
Salivary secretio	ITPR3	1
Salivary secretio	ATP2B2	1
Salivary secretio	ADRB2	1
Salivary secretio	ADRA1A	1
Salivary secretio	CST3	1
Salivary secretio	KCNMA1	1
Salivary secretio	CD38	1
Salivary secretio	CALM3	1
Salivary secretio	NOS1	1
Salivary secretio	CALM1	1
Salivary secretio	CALM2	1
Salivary secretio	VAMP2	1
Thyroid hormone	DUOX1	1
Thyroid hormone	CREB1	1
Thyroid hormone	HSPA5	1
Thyroid hormone	PRKCB	1
Thyroid hormone	CANX	1
Thyroid hormone	GSR	1
Thyroid hormone	ALB	1
Thyroid hormone	PRKCA	1
Thyroid hormone	ITPR3	1
Thyroid hormone	LRP2	1
Thyroid hormone	DUOX2	1
Thyroid hormone	ATF4	1
Endocytosis	AGAP2	1
Endocytosis	CXCR4	1
Endocytosis	ASAP2	1
Endocytosis	PLD1	1
Endocytosis	EGFR	1
Endocytosis	IGF1R	1
Endocytosis	GRK2	1
Endocytosis	CXCR1	1
Endocytosis	CXCR2	1
Endocytosis	KIF5A	1
Endocytosis	CCR5	1
Endocytosis	LDLR	1

Endocytosis	HSPA1L	1
Endocytosis	CAV1	1
Endocytosis	HLA-B	1
Endocytosis	HLA-C	1
Endocytosis	HLA-A	1
Endocytosis	HSPA2	1
Endocytosis	HLA-F	1
Endocytosis	HLA-G	1
Endocytosis	TGFBR1	1
Endocytosis	PML	1
Endocytosis	ITCH	1
Endocytosis	TRAF6	1
Endocytosis	IL2RA	1
Endocytosis	IL2RB	1
Endocytosis	HSPA1B	1
Endocytosis	HSPA1A	1
Cocaine addictio	GRIA2	1
Cocaine addictio	CREB1	1
Cocaine addictio	TH	1
Cocaine addictio	BDNF	1
Cocaine addictio	DRD2	1
Cocaine addictio	SLC6A3	1
Cocaine addictio	RELA	1
Cocaine addictio	NFKB1	1
Cocaine addictio	ATF4	1
Notch signaling	pNOTCH2	1
Notch signaling	pDLL4	1
Notch signaling	pNOTCH3	1
Notch signaling	pADAM17	1
Notch signaling	pNOTCH1	1
Notch signaling	pJAG1	1
Notch signaling	pHDAC1	1
Notch signaling	pNOTCH4	1
Notch signaling	pPSEN1	1
Notch signaling	pRBPJ	1
Oxytocin signalin	PRKCB	1
Oxytocin signalin	NOS3	1
Oxytocin signalin	PLA2G4A	1
Oxytocin signalin	PRKCA	1
Oxytocin signalin	ITPR3	1
Oxytocin signalin	FOS	1
Oxytocin signalin	PTGS2	1

Oxytocin signalin	ACTB	1
Oxytocin signalin	PIK3CG	1
Oxytocin signalin	EGFR	1
Oxytocin signalin	ACTG1	1
Oxytocin signalin	TRPM2	1
Oxytocin signalin	CCND1	1
Oxytocin signalin	CD38	1
Oxytocin signalin	MAPK1	1
Oxytocin signalin	CALM3	1
Oxytocin signalin	RAF1	1
Oxytocin signalin	CALM1	1
Oxytocin signalin	CALM2	1
Glucagon signalin	CRTC2	1
Glucagon signalin	CPT1A	1
Glucagon signalin	ITPR3	1
Glucagon signalin	GCG	1
Glucagon signalin	SIRT1	1
Glucagon signalin	LDHA	1
Glucagon signalin	CREB1	1
Glucagon signalin	AKT1	1
Glucagon signalin	CALM3	1
Glucagon signalin	CALM1	1
Glucagon signalin	PPARA	1
Glucagon signalin	PPARGC1A	1
Glucagon signalin	CALM2	1
Glucagon signalin	ATF4	1
Proteasome	PSMB6	1
Proteasome	PSMD12	1
Proteasome	PSMD7	1
Proteasome	PSMD4	1
Proteasome	IFNG	1
Proteasome	ADRM1	1
Proteasome	PSMB8	1
Proteasome	PSMB9	1
Glutathione meta	GGCT	1
Glutathione meta	GSTK1	1
Glutathione meta	HPGDS	1
Glutathione meta	GSTM1	1
Glutathione meta	GPX4	1
Glutathione meta	GSTO1	1
Glutathione meta	ANPEP	1
Glutathione meta	GSTP1	1

Glutathione metaGSR	1
Progesterone-m HSP90AA1	1
Progesterone-m PIK3R3	1
Progesterone-m PIK3CD	1
Progesterone-m IGF1	1
Progesterone-m PIK3CB	1
Progesterone-m MAPK14	1
Progesterone-m IGF1R	1
Progesterone-m INS	1
Progesterone-m MAPK8	1
Progesterone-m PIK3CA	1
Progesterone-m AKT1	1
Progesterone-m MAPK1	1
Progesterone-m RAF1	1
Arginine biosynthARG2	1
Arginine biosynthNOS2	1
Arginine biosynthNOS3	1
Arginine biosynthARG1	1
Arginine biosynthNOS1	1
Ether lipid metabPLA2G1B	1
Ether lipid metabPLA2G2A	1
Ether lipid metabENPP2	1
Ether lipid metabPLA2G4A	1
Ether lipid metabPLD1	1
Ether lipid metabPLA2G6	1
Ether lipid metabPLA2G7	1
Ether lipid metabPLB1	1
Glutamatergic syGRIA2	1
Glutamatergic syPRKCB	1
Glutamatergic sySLC1A1	1
Glutamatergic syPLA2G4A	1
Glutamatergic syPRKCA	1
Glutamatergic syITPR3	1
Glutamatergic syPLD1	1
Glutamatergic syGRM1	1
Glutamatergic syGRK2	1
Glutamatergic syGRM4	1
Glutamatergic syGNG2	1
Glutamatergic syGRM7	1
Glutamatergic syGNB3	1
Glutamatergic syMAPK1	1
Steroid hormone DHRS11	1

Steroid hormone CYP21A2	1
Steroid hormone CYP1B1	1
Steroid hormone HSD17B6	1
Steroid hormone COMT	1
Steroid hormone CYP7B1	1
Steroid hormone HSD17B7	1
Steroid hormone CYP3A4	1
Steroid hormone CYP17A1	1
Drug metabolismGSTK1	1
Drug metabolismGSTM1	1
Drug metabolismGSTO1	1
Drug metabolismGSTP1	1
Drug metabolismCYP2C19	1
Drug metabolismCYP3A4	1
Drug metabolismMPO	1
Drug metabolismCYP2C9	1
Drug metabolismHPGDS	1
Drug metabolismCYP2B6	1
Drug metabolismNAT1	1
Drug metabolismCYP2D6	1
Drug metabolismHPRT1	1
alpha-Linolenic aPLA2G1B	1
alpha-Linolenic aPLA2G2A	1
alpha-Linolenic aPLA2G4A	1
alpha-Linolenic aPLA2G6	1
alpha-Linolenic aPLB1	1
Tight junction ITGB1	1
Tight junction HSPA4	1
Tight junction PRKCE	1
Tight junction WAS	1
Tight junction MSN	1
Tight junction CD1D	1
Tight junction ACTB	1
Tight junction ACTG1	1
Tight junction CLDN11	1
Tight junction CLDN5	1
Tight junction STK11	1
Tight junction OCLN	1
Tight junction MAPK8	1
Tight junction CLDN3	1
Tight junction RAP1A	1
Tight junction CCND1	1

Tight junction	ARHGEF2	1
Tight junction	MAP3K5	1
Metabolism of xeGSK1		1
Metabolism of xeCYP2C9		1
Metabolism of xeHPGDS		1
Metabolism of xeCYP2B6		1
Metabolism of xeGSTM1		1
Metabolism of xeCYP2D6		1
Metabolism of xeGSTO1		1
Metabolism of xeGSTP1		1
Metabolism of xeCYP1B1		1
Metabolism of xeCYP3A4		1
Nicotinate and ni NT5E		1
Nicotinate and ni NNT		1
Nicotinate and ni CD38		1
Nicotinate and ni SIRT1		1
Nicotinate and ni SIRT2		1
Nicotinate and ni SIRT3		1
ECM-receptor in ITGB1		1
ECM-receptor in TNXB		1
ECM-receptor in ITGA4		1
ECM-receptor in SPP1		1
ECM-receptor in FN1		1
ECM-receptor in SDC1		1
ECM-receptor in LAMC2		1
ECM-receptor in CD47		1
ECM-receptor in THBS1		1
ECM-receptor in CD44		1
ECM-receptor in DSPP		1
Gap junction	GJA1	1
Gap junction	PRKCB	1
Gap junction	EGF	1
Gap junction	GNA11	1
Gap junction	MAPK1	1
Gap junction	PRKCA	1
Gap junction	ITPR3	1
Gap junction	RAF1	1
Gap junction	DRD2	1
Gap junction	GRM1	1
Gap junction	EGFR	1
Cell cycle	CDKN1C	1
Cell cycle	TGFB2	1

Cell cycle	SMAD4	1
Cell cycle	TGFB1	1
Cell cycle	TGFB3	1
Cell cycle	HDAC1	1
Cell cycle	CDKN2A	1
Cell cycle	BUB1B	1
Cell cycle	YWHAZ	1
Cell cycle	CCND1	1
Cell cycle	MYC	1
Cell cycle	ABL1	1
Cell cycle	ATM	1
Cell cycle	TP53	1
Pancreatic secre	CPB1	1
Pancreatic secre	RAP1A	1
Pancreatic secre	PRKCB	1
Pancreatic secre	CA2	1
Pancreatic secre	PLA2G1B	1
Pancreatic secre	KCNMA1	1
Pancreatic secre	PLA2G2A	1
Pancreatic secre	CD38	1
Pancreatic secre	PRKCA	1
Pancreatic secre	ITPR3	1
Pancreatic secre	ATP2B2	1
Pancreatic secre	PRSS3	1
Adrenergic signa	PRKCA	1
Adrenergic signa	ATP2B2	1
Adrenergic signa	ADRB2	1
Adrenergic signa	MAPK14	1
Adrenergic signa	ADRA1A	1
Adrenergic signa	PIK3CG	1
Adrenergic signa	AGT	1
Adrenergic signa	CREB1	1
Adrenergic signa	AGTR1	1
Adrenergic signa	BCL2	1
Adrenergic signa	AKT1	1
Adrenergic signa	MAPK1	1
Adrenergic signa	CALM3	1
Adrenergic signa	CALM1	1
Adrenergic signa	CALM2	1
Adrenergic signa	ATF4	1
Wnt signaling pa	SMAD4	1
Wnt signaling pa	MMP7	1

Wnt signaling pa PRKCB	1
Wnt signaling pa FZD4	1
Wnt signaling pa PRKCA	1
Wnt signaling pa PSEN1	1
Wnt signaling pa MAPK8	1
Wnt signaling pa CCND1	1
Wnt signaling pa APC	1
Wnt signaling pa MYC	1
Wnt signaling pa RAC2	1
Wnt signaling pa CTNNB1	1
Wnt signaling pa WNT1	1
Wnt signaling pa LGR6	1
Wnt signaling pa MAP3K7	1
Wnt signaling pa TP53	1
Wnt signaling pa WNT3	1

Common Genes between Ms Vs Urology disorder	T	
	Biological process	
	Number	Overlap
TNF	252	252/2227
TGFB1	236	236/2227
AKT1	203	203/2227
IL1B	193	193/2227
SIRT1	188	188/2227
IL6	179	179/2227
IFNG	166	166/2227
VEGFA	165	165/2227
BMP4	163	163/2227
NOTCH1	148	148/2227
INS	146	146/2227
APOE	144	144/2227
TGFB2	141	141/2227
IL4	138	138/2227
BMP2	136	136/2227
CCL5	134	134/2227
CAV1	133	133/2227
IGF1	132	132/2227
ADIPOQ	130	130/2227
THBS1	129	129/2227
IL10	123	123/2227
APP	122	122/2227
PARK7	122	122/2227
TLR4	120	120/2227
EGFR	116	116/2227
SNCA	115	115/2227
IL12B	115	115/2227
TP53	113	113/2227
GAS6	110	110/2227
CX3CL1	110	110/2227
LGALS9	108	108/2227
GATA3	107	107/2227
CCL19	106	106/2227
RELA	105	105/2227
CCL21	105	105/2227
TGFBR1	104	104/2227

F2RL1	103	103/2227
CCL3	102	102/2227
HMGB1	101	101/2227
ABL1	100	100/2227
JAK2	99	99/2227
KDR	99	99/2227
MDK	99	99/2227
LRRK2	97	97/2227
CD74	96	96/2227
APOA1	96	96/2227
PTPRC	96	96/2227
NOD2	95	95/2227
RIPK1	95	95/2227
PPARG	93	93/2227
STAT3	93	93/2227
CCR7	93	93/2227
HIF1A	89	89/2227
TLR9	88	88/2227
ADAM17	88	88/2227
CTNNB1	88	88/2227
LILRB1	88	88/2227
EGF	86	86/2227
F2R	86	86/2227
AGT	86	86/2227
ANXA1	84	84/2227
TRAF6	84	84/2227
CCR2	84	84/2227
BMP7	84	84/2227
XBP1	83	83/2227
CCL2	83	83/2227
EDN1	82	82/2227
IL18	81	81/2227
CLU	79	79/2227
NFKB1	78	78/2227
PHB	78	78/2227
HLA-DRB1	77	77/2227
IL23A	77	77/2227
TLR2	76	76/2227
BCL2	76	76/2227

KLF4	76	76/2227
BMP2R	75	75/2227
PSMD10	75	75/2227
TNFAIP3	75	75/2227
HSPA1A	74	74/2227
SIRT2	74	74/2227
STAT1	74	74/2227
PTPN22	74	74/2227
MYC	74	74/2227
NR1H3	74	74/2227
SMAD7	73	73/2227
SMAD4	73	73/2227
LEP	73	73/2227
PSEN1	72	72/2227
TGFB3	72	72/2227
CASP8	72	72/2227
NOS3	71	71/2227
SERPINE1	71	71/2227
GSTP1	70	70/2227
CSF1R	70	70/2227
CD40	70	70/2227
AGER	70	70/2227
HSP90AA1	69	69/2227
RGCC	69	69/2227
HLA-G	67	67/2227
IL12A	67	67/2227
SHH	67	67/2227
CEACAM1	66	66/2227
FYN	66	66/2227
MIF	66	66/2227
BRCA1	66	66/2227
PPARA	66	66/2227
PIK3CD	66	66/2227
EPHB2	65	65/2227
IL23R	65	65/2227
TLR3	64	64/2227
MAPT	64	64/2227
PRKD2	64	64/2227
MAPK14	63	63/2227

MMP9	63	63/2227
FOXP3	63	63/2227
CX3CR1	63	63/2227
SPHK1	62	62/2227
PRNP	62	62/2227
MAPK1	61	61/2227
ALOX5	61	61/2227
SOD1	61	61/2227
PIK3CB	61	61/2227
CXCL8	61	61/2227
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DDIT3	58	58/2227
LRP1	57	57/2227
HSPA1B	57	57/2227
DRD2	57	57/2227
MYD88	56	56/2227
BCL10	56	56/2227
DMTN	55	55/2227
TRAF2	55	55/2227
ATM	55	55/2227
JAK3	55	55/2227
PRKCA	55	55/2227
B2M	54	54/2227
SORL1	54	54/2227
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AIF1	54	54/2227
CALM1	54	54/2227
WT1	54	54/2227
PTPN11	54	54/2227
FGF1	54	54/2227
IFI16	54	54/2227
MAVS	54	54/2227
ZFP36L1	54	54/2227
NOG	54	54/2227

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FOXP1	53	53/2227
LGALS3	52	52/2227
PPARGC1A	52	52/2227
PIK3CA	52	52/2227
BAX	51	51/2227
NGF	51	51/2227
SPHK2	51	51/2227
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HGF	51	51/2227
NTF3	51	51/2227
RBPJ	51	51/2227
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CD47	47	47/2227
IGF1R	47	47/2227
ESR1	47	47/2227
FOXC1	47	47/2227

CXCL10	47	47/2227
PIK3CG	47	47/2227
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CD86	45	45/2227
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BIRC2	44	44/2227
PSMD12	44	44/2227
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IL15	44	44/2227
BDNF	43	43/2227
JAG1	43	43/2227
BCL2L1	43	43/2227
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AXL	42	42/2227
STK11	42	42/2227
HDAC3	42	42/2227
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PSMD4	42	42/2227
CCR1	42	42/2227
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KMT2A	22	22/2227
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IL37	22	22/2227
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APLN	22	22/2227
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IFNA17	19	19/2227
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MICA	15	15/2227

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ELMO1	10	10/2227
FST	10	10/2227
GNB3	10	10/2227
GNG2	10	10/2227
HAMP	10	10/2227
PLP1	10	10/2227
TIGIT	10	10/2227
TNFRSF13C	10	10/2227
CFP	9	9/2227
PTAFR	9	9/2227
A2M	9	9/2227
HACE1	9	9/2227
IL7R	9	9/2227
RNF6	9	9/2227
DHCR7	9	9/2227
HRH1	9	9/2227
ATG5	9	9/2227
PTPA	9	9/2227
CDX2	9	9/2227
HSPA1L	9	9/2227

ERCC5	9	9/2227
APEX1	9	9/2227
GTF2H4	9	9/2227
KIF5A	9	9/2227
H2AX	9	9/2227
RAB3GAP1	9	9/2227
IL10RB	9	9/2227
SOAT1	9	9/2227
FCGR3A	9	9/2227
KLRK1	9	9/2227
MAG	9	9/2227
PLXNA2	9	9/2227
SARS1	9	9/2227
DKKL1	9	9/2227
TNFSF13	9	9/2227
ICOSLG	9	9/2227
IL5	9	9/2227
MTR	9	9/2227
SLC44A4	9	9/2227
HLA-DRB5	8	8/2227
HLA-DQA1	8	8/2227
HLA-DQB1	8	8/2227
HLA-DQB2	8	8/2227
HLA-DQA2	8	8/2227
OLR1	8	8/2227
CANX	8	8/2227
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INSRR	8	8/2227
GAD1	8	8/2227
NCAM1	8	8/2227
PRSS3	8	8/2227
F10	8	8/2227
BGLAP	8	8/2227
KCNMA1	8	8/2227
P2RX5	8	8/2227
HSPA2	8	8/2227
ZGPAT	8	8/2227
AICDA	8	8/2227
EHMT2	8	8/2227

MBD2	8	8/2227
CRTC2	8	8/2227
ATP2B2	8	8/2227
GRAP2	8	8/2227
ISG20	8	8/2227
NEFL	8	8/2227
HPGDS	8	8/2227
CYP7B1	8	8/2227
MTNR1B	8	8/2227
S1PR3	8	8/2227
TNFSF15	8	8/2227
NPY	8	8/2227
NPEPPS	8	8/2227
SERPINB2	8	8/2227
SPATA2	8	8/2227
CISH	8	8/2227
HCRT	8	8/2227
IL10RA	8	8/2227
IL18BP	8	8/2227
IFNL3	8	8/2227
MACIR	8	8/2227
NQO1	8	8/2227
POU2AF1	8	8/2227
DST	7	7/2227
ANPEP	7	7/2227
GRM7	7	7/2227
CP	7	7/2227
GPC5	7	7/2227
TLN1	7	7/2227
P2RX2	7	7/2227
CD8A	7	7/2227
TNFSF13B	7	7/2227
CYP2R1	7	7/2227
ERG	7	7/2227
MSC	7	7/2227
CYP2C19	7	7/2227
ATN1	7	7/2227
GAS8	7	7/2227
TFDP3	7	7/2227

ADGRG6	7	7/2227
GLIS3	7	7/2227
SSTR4	7	7/2227
FANCC	7	7/2227
SLC2A4	7	7/2227
CXCR5	7	7/2227
MTRR	7	7/2227
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CYP27A1	7	7/2227
GRM1	7	7/2227
GSTK1	7	7/2227
LPAR3	7	7/2227
OPN1SW	7	7/2227
EDNRA	7	7/2227
VMP1	7	7/2227
AMH	7	7/2227
PLAAT4	7	7/2227
GPBAR1	7	7/2227
LAG3	7	7/2227
REN	7	7/2227
DOCK11	7	7/2227
PDCD1	7	7/2227
SDC1	6	6/2227
SPG11	6	6/2227
LBR	6	6/2227
ALCAM	6	6/2227
NCAN	6	6/2227
CLEC4E	6	6/2227
OGG1	6	6/2227
TSPO	6	6/2227
COL11A2	6	6/2227
GFAP	6	6/2227
SELPLG	6	6/2227
CUX1	6	6/2227
STK19	6	6/2227
TET2	6	6/2227
DSG2	6	6/2227
HNRNPA1	6	6/2227
MGAT5	6	6/2227

AQP4	6	6/2227
BRD2	6	6/2227
CIC	6	6/2227
HSPB8	6	6/2227
LPAR2	6	6/2227
CCR9	6	6/2227
CXCR3	6	6/2227
TNFRSF25	6	6/2227
MIP	6	6/2227
OPN1MW	6	6/2227
CERS2	6	6/2227
HSD17B7	6	6/2227
MBL2	6	6/2227
CA2	6	6/2227
CCL27	6	6/2227
REG1A	6	6/2227
SYN3	6	6/2227
GLO1	6	6/2227
PIAS3	6	6/2227
SGSM3	6	6/2227
ATXN2	6	6/2227
MTHFR	6	6/2227
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COP1	6	6/2227
IDO1	6	6/2227
MOG	6	6/2227
PAEP	6	6/2227
RGMA	6	6/2227
RGMB	6	6/2227
TNFRSF10C	6	6/2227
TNFRSF6B	6	6/2227
TAP1	5	5/2227
UNC13D	5	5/2227
PDLIM7	5	5/2227
CD163	5	5/2227
TPX2	5	5/2227
ACKR2	5	5/2227
ANXA5	5	5/2227
SDF4	5	5/2227

GAD2	5	5/2227
SCN10A	5	5/2227
CBS	5	5/2227
FAM20C	5	5/2227
HSPA14	5	5/2227
ADA	5	5/2227
DSPP	5	5/2227
PCBP1	5	5/2227
DNASE1	5	5/2227
FTO	5	5/2227
SLC2A4RG	5	5/2227
CPT1A	5	5/2227
CRYGD	5	5/2227
CCR4	5	5/2227
CCR8	5	5/2227
LANCL1	5	5/2227
CXCR6	5	5/2227
PHEX	5	5/2227
GPR17	5	5/2227
POLG2	5	5/2227
RNF5	5	5/2227
TRPM8	5	5/2227
TWNK	5	5/2227
IL4R	5	5/2227
PANX1	5	5/2227
VIPR2	5	5/2227
NCR1	5	5/2227
P2RY2	5	5/2227
SLC25A4	5	5/2227
TRPM7	5	5/2227
SNPH	5	5/2227
METAP2	5	5/2227
PLB1	5	5/2227
IL22	5	5/2227
IL5RA	5	5/2227
AKR1B1	5	5/2227
CFB	5	5/2227
CFH	5	5/2227
EIF4EBP2	5	5/2227

HAVCR1	5	5/2227
HSD17B13	5	5/2227
MPZ	5	5/2227
PMP22	5	5/2227
RO60	5	5/2227
XAF1	5	5/2227
HLA-DMA	4	4/2227
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LAIR1	4	4/2227
MYO9B	4	4/2227
FCGR3B	4	4/2227
AMBRA1	4	4/2227
PCSK1	4	4/2227
ABCG4	4	4/2227
RMDN3	4	4/2227
DBP	4	4/2227
PADI4	4	4/2227
PER3	4	4/2227
CYP2B6	4	4/2227
GTF2I	4	4/2227
NCOA7	4	4/2227
CDK2AP1	4	4/2227
KDM6A	4	4/2227
NLRP5	4	4/2227
SART3	4	4/2227
ARHGAP24	4	4/2227
FABP4	4	4/2227
GORASP1	4	4/2227
L3MBTL3	4	4/2227
SEC14L2	4	4/2227
SLC40A1	4	4/2227
TPSAB1	4	4/2227
CYP17A1	4	4/2227
CYP21A2	4	4/2227
GPR151	4	4/2227
GSR	4	4/2227
ABCC8	4	4/2227
ICAM5	4	4/2227
TNFRSF9	4	4/2227

ADRM1	4	4/2227
CRYZ	4	4/2227
PON2	4	4/2227
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TXNIP	4	4/2227
CTSE	4	4/2227
FANCG	4	4/2227
HPRT1	4	4/2227
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IL22RA2	4	4/2227
TBC1D2	4	4/2227
BTNL2	4	4/2227
ELAVL2	4	4/2227
HSD17B6	4	4/2227
LTA	4	4/2227
RGS1	4	4/2227
SSRP1	4	4/2227
TNFRSF10D	4	4/2227
P2RX1	3	3/2227
GRIA2	3	3/2227
KIF1B	3	3/2227
SLC6A3	3	3/2227
WDR11	3	3/2227
ACTBL2	3	3/2227
HLA-DOA	3	3/2227
RETN	3	3/2227
SACS	3	3/2227
SLC6A4	3	3/2227
F9	3	3/2227
SYBU	3	3/2227
DECR1	3	3/2227
CNR1	3	3/2227
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CEACAM3	3	3/2227
CLDN11	3	3/2227
HSPA4	3	3/2227
AFP	3	3/2227
CHGB	3	3/2227
OTUB1	3	3/2227

SPARCL1	3	3/2227
ALKBH1	3	3/2227
APRT	3	3/2227
CTNNA3	3	3/2227
FANCD2	3	3/2227
FHL5	3	3/2227
JAZF1	3	3/2227
LMNB1	3	3/2227
NCOA5	3	3/2227
NPHS1	3	3/2227
PXT1	3	3/2227
TALDO1	3	3/2227
TXNRD2	3	3/2227
XRCC1	3	3/2227
ASIC1	3	3/2227
CNR2	3	3/2227
PRRT2	3	3/2227
AMACR	3	3/2227
FH	3	3/2227
TSPAN31	3	3/2227
CAST	3	3/2227
BACH2	3	3/2227
LCN1	3	3/2227
IL17RC	3	3/2227
ACOT7	3	3/2227
GGCT	3	3/2227
IL25	3	3/2227
ACTG2	3	3/2227
DESI2	3	3/2227
DLK1	3	3/2227
FBXW4	3	3/2227
IL17C	3	3/2227
LY6E	3	3/2227
SKAP2	3	3/2227
TAC1	3	3/2227
TNFRSF17	3	3/2227
UCP2	3	3/2227
CNN3	2	2/2227
MMRN1	2	2/2227

DLD	2	2/2227
CLIC1	2	2/2227
GNA11	2	2/2227
ATG12	2	2/2227
TEF	2	2/2227
AHRR	2	2/2227
ZNF410	2	2/2227
NOX3	2	2/2227
TOP3A	2	2/2227
ZBTB46	2	2/2227
ZNF433	2	2/2227
ADNP	2	2/2227
CHAF1A	2	2/2227
DDX39B	2	2/2227
MCAM	2	2/2227
PRCC	2	2/2227
SIGLEC1	2	2/2227
SP140	2	2/2227
TCF19	2	2/2227
GEM	2	2/2227
AADAC	2	2/2227
BDKRB1	2	2/2227
CDSN	2	2/2227
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KIR3DL1	2	2/2227
OPN1MW2	2	2/2227
GJB1	2	2/2227
LPA	2	2/2227
MASP1	2	2/2227
IL31	2	2/2227
MMEL1	2	2/2227
MRGPRX1	2	2/2227
MYNN	2	2/2227
S1PR5	2	2/2227
BUB1B	2	2/2227
CAMKMT	2	2/2227
DHRS11	2	2/2227
IL32	2	2/2227
ISYNA1	2	2/2227

LGALS8	2	2/2227
MB	2	2/2227
NT5E	2	2/2227
PHGDH	2	2/2227
RNF19A	2	2/2227
SLC25A20	2	2/2227
SPEF2	2	2/2227
TXNRD1	2	2/2227
MARCHF1	1	1/2227
USO1	1	1/2227
LRPPRC	1	1/2227
ICA1	1	1/2227
COMT	1	1/2227
MGAT1	1	1/2227
SLC16A1	1	1/2227
VPS51	1	1/2227
SYNE1	1	1/2227
H6PD	1	1/2227
LDHA	1	1/2227
SND1	1	1/2227
DNTT	1	1/2227
HSPB3	1	1/2227
INTS4	1	1/2227
RABEPK	1	1/2227
RBM45	1	1/2227
RPSA	1	1/2227
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SLC1A4	1	1/2227
BRS3	1	1/2227
GPRC6A	1	1/2227
BTLA	1	1/2227
ENTPD1	1	1/2227
KIR2DL3	1	1/2227
KRT20	1	1/2227
TNXB	1	1/2227
ABCB1	1	1/2227
CETN1	1	1/2227
OXER1	1	1/2227
POLG	1	1/2227

ATG16L1	1	1/2227
CPB1	1	1/2227
FKBP6	1	1/2227
IGFALS	1	1/2227
ATG16L2	1	1/2227
CSTF2	1	1/2227
HNMT	1	1/2227
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PGPEP1	1	1/2227
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FLNB	0	0/2227
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TYR	0	0/2227
ABO	0	0/2227
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DGCR8	0	0/2227
PVALB	0	0/2227
QTRT1	0	0/2227
MOK	0	0/2227
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ARSF	0	0/2227
CRYGC	0	0/2227
EDIL3	0	0/2227
HORMAD2	0	0/2227
LPP	0	0/2227
MFAP1	0	0/2227
MLANA	0	0/2227
NXF1	0	0/2227
QKI	0	0/2227
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SRSF1	0	0/2227

TSBP1	0	0/2227
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ACO2	0	0/2227
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DPP6	0	0/2227
ETFA	0	0/2227
GPR42	0	0/2227
MAS1	0	0/2227
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CD48	0	0/2227
CD69	0	0/2227
CDKAL1	0	0/2227
GJC2	0	0/2227
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SLC52A1	0	0/2227
SLCO6A1	0	0/2227
AHSA1	0	0/2227
BCHE	0	0/2227
SH3BP2	0	0/2227
CPOX	0	0/2227
KLK10	0	0/2227
MRGPRX3	0	0/2227
MRGPRX4	0	0/2227
NNT	0	0/2227
AFA1	0	0/2227
AGBL2	0	0/2227
AIMP2	0	0/2227
ARMH1	0	0/2227
ASAP2	0	0/2227
ASF1B	0	0/2227
ATP6	0	0/2227
ATXN8OS	0	0/2227
BTF3P11	0	0/2227
C20orf181	0	0/2227
CASC19	0	0/2227
CDCP1	0	0/2227
CDKN2B-AS1	0	0/2227

CDR2	0	0/2227
CDR3	0	0/2227
CEACAM7	0	0/2227
CENPO	0	0/2227
CNTN1	0	0/2227
COPD	0	0/2227
COX1	0	0/2227
COX2	0	0/2227
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COX8A	0	0/2227
CRYGEP	0	0/2227
CSMD1	0	0/2227
CYTB	0	0/2227
DGCR2	0	0/2227
DHX40	0	0/2227
DLEU1	0	0/2227
EBNA1BP2	0	0/2227
EHMT2-AS1	0	0/2227
ELP1	0	0/2227
ERVK-20	0	0/2227
ERVK-6	0	0/2227
ERVW-1	0	0/2227
FAM167A	0	0/2227
FCGRT	0	0/2227
FSIP1	0	0/2227
GAS5	0	0/2227
GBE1	0	0/2227
GPR166P	0	0/2227
GSTT1	0	0/2227
H3P28	0	0/2227
HCG22	0	0/2227
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HLA-DRB9	0	0/2227
HNRNPA1P10	0	0/2227
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HPT	0	0/2227
HRES1	0	0/2227

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HTC2	0	0/2227
IBD5	0	0/2227
IFN1@	0	0/2227
IFNA13	0	0/2227
IGHA1	0	0/2227
IGHG3	0	0/2227
IL12A-AS1	0	0/2227
IMMT	0	0/2227
KLRC4-KLRK1	0	0/2227
LILRA3	0	0/2227
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LINC01194	0	0/2227
LINC01672	0	0/2227
LINC02605	0	0/2227
LINC-ROR	0	0/2227
LOC102723407	0	0/2227
LOC102724971	0	0/2227
MALAT1	0	0/2227
MBL3P	0	0/2227
MIR106A	0	0/2227
MIR125A	0	0/2227
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MIR18A	0	0/2227
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MIR200A	0	0/2227
MIR20A	0	0/2227
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MIR210	0	0/2227
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MIR22	0	0/2227
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MIR23A	0	0/2227
MIR23B	0	0/2227
MIR25	0	0/2227
MIR26A1	0	0/2227
MIR27A	0	0/2227
MIR27B	0	0/2227
MIR29B1	0	0/2227
MIR29B2	0	0/2227
MIR301A	0	0/2227
MIR30A	0	0/2227
MIR30D	0	0/2227
MIR31	0	0/2227
MIR320A	0	0/2227
MIR326	0	0/2227
MIR328	0	0/2227
MIR340	0	0/2227
MIR342	0	0/2227
MIR34A	0	0/2227
MIR375	0	0/2227
MIR376C	0	0/2227
MIR384	0	0/2227
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MIR499A	0	0/2227
MIR572	0	0/2227
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MIRLET7I	0	0/2227
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MTCO2P12	0	0/2227
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NHS	0	0/2227
NM	0	0/2227
OPN1MW3	0	0/2227
P2RX5-TAX1BP3	0	0/2227
PART1	0	0/2227
PCAT1	0	0/2227
POTEKP	0	0/2227
POTEM	0	0/2227
POU5F1P3	0	0/2227
POU5F1P4	0	0/2227
PPT2-EGFL8	0	0/2227
PRRC2A	0	0/2227
PSG2	0	0/2227
PSORS1C1	0	0/2227
PVT1	0	0/2227
RAB40B	0	0/2227
RASD1	0	0/2227
RLFP1	0	0/2227
SIL1	0	0/2227
SKIV2L	0	0/2227
SLC7A11	0	0/2227
SUGP1	0	0/2227
TAC3	0	0/2227
TAM	0	0/2227
TBATA	0	0/2227
TERC	0	0/2227
TNFSF12-TNFSF13	0	0/2227
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TRNL1	0	0/2227
TSBP1-AS1	0	0/2227
TTC34	0	0/2227
TUG1	0	0/2227
VN1R17P	0	0/2227

the number of GO in which each gene is present

Cellular componenet		Molecular Function		KEEG	
Number	Overlap	Number	Overlap	Number	Overlap
2	2/94	8	8/201	64	64/201
9	9/94	4	4/201	33	33/201
4	4/94	6	6/201	94	94/201
0	0/94	5	5/201	42	42/201
2	2/94	7	7/201	9	9/201
3	3/94	6	6/201	48	48/201
0	0/94	2	2/201	32	32/201
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0	0/94	0	0/201	1	1/201

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4	4/94	0	0/201	9	9/201
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1	1/94	0	0/201	1	1/201

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3	3/94	2	2/201	0	0/201
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[illegible]

[illegible]

[illegible]

[illegible]

Rank	Biological process		Cellular componenet		Molecular F
	Gene Symbol	Overlap	Gene Symbol	Overlap	Gene Symbol
1	TNF	252/2227	HLA-DRB1	26/94	TP53
2	TGFB1	236/2227	HLA-DRA	26/94	RELA
3	AKT1	203/2227	B2M	24/94	SNCA
4	IL1B	193/2227	HLA-DRB5	24/94	ABL1
5	SIRT1	188/2227	CD74	23/94	CCL5
6	IL6	179/2227	HLA-DPA1	23/94	HSP90AA1
7	IFNG	166/2227	HLA-DQA1	22/94	HMGB1
8	VEGFA	165/2227	HLA-DPB1	21/94	P2RX4
9	BMP4	163/2227	HLA-DQB1	21/94	STAT1
10	NOTCH1	148/2227	HLA-DQB2	21/94	PPARG
11	INS	146/2227	HLA-B	20/94	HIF1A
12	APOE	144/2227	HLA-C	20/94	PARK7
13	TGFB2	141/2227	HLA-DQA2	20/94	ATF4
14	IL4	138/2227	HLA-A	19/94	STAT3
15	BMP2	136/2227	HLA-F	19/94	EGFR
16	CCL5	134/2227	EGFR	18/94	LRRK2
17	CAV1	133/2227	ANXA2	17/94	MAPT
18	IGF1	132/2227	APOE	16/94	BCL2
19	ADIPOQ	130/2227	MAPK1	16/94	EGR1
20	THBS1	129/2227	LDLR	16/94	SP1

Function	KEEG	
Overlap	Gene Symbol	Overlap
25/201	MAPK1	110/201
19/201	PIK3CB	98/201
17/201	PIK3CD	98/201
17/201	PIK3CA	98/201
15/201	PIK3R3	96/201
14/201	AKT1	94/201
14/201	RAF1	79/201
14/201	RELA	74/201
14/201	NFKB1	74/201
14/201	MAPK8	68/201
14/201	PRKCA	65/201
13/201	TNF	64/201
13/201	PRKCB	63/201
13/201	MAPK14	56/201
12/201	TP53	50/201
12/201	IL6	48/201
12/201	NFKBIA	48/201
12/201	BAX	46/201
12/201	CCND1	46/201
12/201	MTOR	46/201