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Name	Synonyms	Description
CD14	CD14 ANTI	CD14 molecule
CEBPB	Agp/eb, C/i	CCAAT/enhancer binding protein (C/EBP), beta
CYP19A1	Ar, ArKO, A	cytochrome P450, family 19, subfamily A, polypeptide 1
IL1R1	CD121A, C	interleukin 1 receptor, type I
IL1R2	CD121b, C	interleukin 1 receptor, type II
JAK2	AI504024, J	Janus kinase 2 (a protein tyrosine kinase)
MAP2K6	MAPK KIN.	mitogen-activated protein kinase kinase 6
MAPK14	CRK1, CSE	mitogen-activated protein kinase 14
MAPKAPK	AA960234,	mitogen-activated protein kinase-activated protein kinase 2
NFKBIA	AI462015, I	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha
SOS1	GF1, GGF	son of sevenless homolog 1 (Drosophila)
SOS2	mSos1, So	son of sevenless homolog 2 (Drosophila)
STAT3	1110034C0	signal transducer and activator of transcription 3 (acute-phase response factor)
TNFAIP6	TNFIP6, T	tumor necrosis factor, alpha-induced protein 6

Affymetrix	Location	Family	Drugs	Entrez Gen	Entrez Gen	Entrez Gen	Entrez Gen	Entrez Gen	Entrez Gen	Entrez Gen	Entrez Gene ID for Rat
201743_at	201743_at		1	2	Plasma Me	transmemb			929	12475	60350
212501_at	--		2		Nucleus	transcriptio			1051	12608	24253
203475_at	--		4		Cytoplasm	enzyme	atamestan		1588	13075	25147
202948_at	202948_at	2, 7		1	Plasma Me	transmemb	anakinra		3554	16177	25663
205403_at	205403_at		2	1	Plasma Me	transmemb			7850	16178	117022
1562031_a	1562031_a		3	4	Cytoplasm	kinase			3717	16452	24514
205698_s_	205698_s_		2	15	Cytoplasm	kinase			5608	26399	114495
202530_at	210449_x_		2	2	Cytoplasm	kinase	SCIO-469		1432	26416	81649
201461_s_	201461_s_		2	4	Nucleus	kinase			9261	17164	289014
201502_s_	201502_s_		4	5	Cytoplasm	other			4792	18035	25493
229261_at	229261_at		5	18	Cytoplasm	other			6654	20662	313845
217644_s_	217644_s_		1	4	Cytoplasm	other			6655	20663	85384
208992_s_	208992_s_		1	4	Nucleus	transcriptio			6774	20848	25125
206026_s_	206025_s_		3	5	Extracellul	other			7130	21930	84397

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Name	Synonyms	Description
CD14	CD14 ANT	CD14 molecule
LY96	ESOP-1, M	lymphocyte antigen 96
MAP2K6	MAPK KIN	mitogen-activated protein kinase 6
MAPK14	CRK1, CS	mitogen-activated protein kinase 14
NFKBIA	AI462015,	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha
PGLYRP1	MGC1268	peptidoglycan recognition protein 1
TLR2	CD282, Ly	toll-like receptor 2
TLR4	CD284, H1	toll-like receptor 4
TLR5	FLJ10052,	toll-like receptor 5
TLR8	MGC1195	toll-like receptor 8

Affymetrix	Location	Family	Drugs	Entrez Ger	Entrez Ger	Entrez Ger	Entrez Ger	Entrez Ger	Entrez Ger	Entrez Ger	Gene ID for Rat
201743_at	201743_at		1	2	Plasma Mε	transmemt		929	12475	60350	
206584_at	206584_at	2, 10		2	Plasma Mε	other		23643	17087	448830	
205698_s_	205698_s_		2	15	Cytoplasm	kinase		5608	26399	114495	
202530_at	210449_x_		2	2	Cytoplasm	kinase	SCIO-469	1432	26416	81649	
201502_s_	201502_s_		4	5	Cytoplasm	other		4792	18035	25493	
207384_at	207384_at				Plasma Mε	transmemt		8993	21946	84387	
204924_at	204924_at		2 2, 22		Plasma Mε	transmemt		7097	24088	310553	
232068_s_	240948_at		2	2	Plasma Mε	transmemt	TAK-242	7099	21898	29260	
210166_at	210166_at		9	2	Plasma Mε	transmemt		7100	53791	289337	
220832_at	220832_at		10	17	Plasma Mε	transmemt	resiquimoc	51311	170744		

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Name	Synonyms	Description	Affymetrix	Location	Family	Drugs	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Gene ID for Rat
C1QA	AI255395,	complement component 1, q subcomponent, A chain	218232_at	218232_at		4	3	Extracellul	other		712	12259	298566					
C1QB	C1q Beta-1	complement component 1, q subcomponent, B chain	202953_at	202953_at		4	3	Extracellul	other		713	12260	29687					
C1QC	AI385742,	complement component 1, q subcomponent, C chain	225353_s_	225353_s_		4	3	Extracellul	other		714	12262	362634					
C3AR1	AZ3B, C3A	complement component 3a receptor 1	209906_at	209906_at		14	7	Plasma Me	G-protein c		719	12267	84007					
C5AR1	C5a, C5A	complement component 5a receptor 1	220088_at	220088_at		3	1	Plasma Me	G-protein c		728	12273	113959					
CD55	CR, DAF, I	CD55 molecule, decay accelerating factor for complement (Cromer blood group)	201926_s_	1555950_ε		3	9	Plasma Me	other		1604	13136	64036					
CD59	16.3A5, A7	CD59 molecule, complement regulatory protein	200985_s_	212463_at		3	9	Plasma Me	other		966	333883	25407					
CR1	C3b/C4b r	complement component (3b/4b) receptor 1 (Knops blood group)	239205_s_	206244_at		19	17	Plasma Me	other		1378	12946	54243					
F5	Ac2-120, A	coagulation factor V (proaccelerin, labile factor)	204713_s_	204713_s_		3	2	Plasma Me	other	drotrecogir	2153	14067	304929					
SERPINA1	A1-PI, A1A	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1	211429_s_	202833_s_		1	2	Extracellul	other		5265	20700 207	24648					

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Name	Synonyms	Description
IL1R1	CD121A, C	interleukin 1 receptor, type I
IL1R2	CD121b, C	interleukin 1 receptor, type II
MAP2K6	MAPK KIN	mitogen-activated protein kinase 6
MAPK14	CRK1, CSI	mitogen-activated protein kinase 14
MAPKAPK	AA960234	mitogen-activated protein kinase-activated protein kinase 2
MEF2A	A430079H	MADS box transcription enhancer factor 2, polypeptide A (myocyte enhancer factor 2A)
MKNK1	2410048M	MAP kinase interacting serine/threonine kinase 1

Affymetrix	Location	Family	Drugs	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Gene ID for Rat
202948_at	202948_at	2, 7		1	Plasma Mε	transmemt	anakinra	3554	16177	25663					
205403_at	205403_at		2	1	Plasma Mε	transmemt		7850	16178	117022					
205698_s_	205698_s_		2	15	Cytoplasm	kinase		5608	26399	114495					
202530_at	210449_x_		2	2	Cytoplasm	kinase	SCIO-469	1432	26416	81649					
201461_s_	201461_s_		2	4	Nucleus	kinase		9261	17164	289014					
208328_s_	239571_at		2	4	Nucleus	transcriptic		4205	17258	365630					
1560720_ε	243256_at		2	2	Cytoplasm	kinase		8569	17346						

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Name	Synonyms	Description	Affymetrix Location	Family	Drugs	Entrez Gene	Entrez Gene	Entrez Gene	Entrez Gene	Entrez Gene	Entrez Gene	Entrez Gene	Gene ID for Rat
IL1R1	CD121A, C	interleukin 1 receptor, type I	202948_at	202948_at	2, 7	1	Plasma Membrane	transmembrane	anakinra	3554	16177	25663	
IL1R2	CD121b, C	interleukin 1 receptor, type II	205403_at	205403_at	2	1	Plasma Membrane	transmembrane		7850	16178	117022	
IRAK3	4833428C	interleukin-1 receptor-associated kinase 3	220034_at	220034_at	7	7	Unknown	kinase		11213	73914	314870	
MAP2K6	MAPK KIN	mitogen-activated protein kinase kinase 6	205698_s_	205698_s_	2	15	Cytoplasm	kinase		5608	26399	114495	
NFKBIA	AI462015,	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha	201502_s_	201502_s_	4	5	Cytoplasm	other		4792	18035	25493	
TGFA	RATTGFA,	transforming growth factor, alpha	205016_at	205016_at	1	2	Extracellular	growth factor		7039	21802	24827	
TLR2	CD282, Ly	toll-like receptor 2	204924_at	204924_at	2, 2, 22		Plasma Membrane	transmembrane		7097	24088	310553	
TLR4	CD284, H1	toll-like receptor 4	232068_s_	240948_at	2	2	Plasma Membrane	transmembrane	TAK-242	7099	21898	29260	
TLR5	FLJ10052,	toll-like receptor 5	210166_at	210166_at	9	2	Plasma Membrane	transmembrane		7100	53791	289337	
TLR8	MGC1195,	toll-like receptor 8	220832_at	220832_at	10	17	Plasma Membrane	transmembrane	resiquimod	51311	170744		

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Name	Synonyms	Description	Affymetrix	Location	Family	Drugs	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Gene ID for Rat
CCR1	CCL3 REC	chemokine (C-C motif) receptor 1	205099_s_	205099_s_		11	5	Plasma Mε	G-protein c		1230	12768	57301					
CD14	CD14 ANT	CD14 molecule	201743_at	201743_at		1	2	Plasma Mε	transmemt		929	12475	60350					
IL10RB	6620401D	interleukin 10 receptor, beta	230632_at	230631_s_		1	4	Plasma Mε	transmemt		3588	16155	304091					
IL1R1	CD121A, C	interleukin 1 receptor, type I	202948_at	202948_at	2, 7		1	Plasma Mε	transmemt	anakinra	3554	16177	25663					
IL1R2	CD121b, C	interleukin 1 receptor, type II	205403_at	205403_at		2	1	Plasma Mε	transmemt		7850	16178	117022					
MAP2K6	MAPK KIN	mitogen-activated protein kinase 6	205698_s_	205698_s_		2	15	Cytoplasm	kinase		5608	26399	114495					
MAPK14	CRK1, CSI	mitogen-activated protein kinase 14	202530_at	210449_x_		2	2	Cytoplasm	kinase	SCIO-469	1432	26416	81649					
NFKBIA	AI462015,	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha	201502_s_	201502_s_		4	5	Cytoplasm	other		4792	18035	25493					
SOCS3	ATOD4, CI	suppressor of cytokine signaling 3	227697_at	206359_at		1	4	Cytoplasm	other		9021	12702	89829					
STAT3	1110034C	signal transducer and activator of transcription 3 (acute-phase response factor)	208992_s_	208992_s_		1	4	Nucleus	transcriptic		6774	20848	25125					

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Name	Synonyms	Description	Affymetrix Location	Family	Drugs	Entrez Gene	Entrez Gene	Entrez Gene	Entrez Gene	Entrez Gene	Entrez Gene	Entrez Gene	Entrez Gene	Gene ID for Rat
BCL2A1	A1, A1-b, A	BCL2-related protein A1	205681_at	205681_at	3	5	Cytoplasm	other		597	12044	1120	170929	
CSF2RA	CD116, C	colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage)	207085_x_	210340_s_	1	1	Plasma Membrane	transmembrane	sargramos	1438	12982			
HCK	A1849071,	hemopoietic cell kinase	208018_s_	208018_s_	1	4	Cytoplasm	kinase		3055	15162		25734	
JAK2	A1504024,	Janus kinase 2 (a protein tyrosine kinase)	1562031_ε	1562031_ε	3	4	Cytoplasm	kinase		3717	16452		24514	
LYN	AA407514	v-src-related tyrosine kinase 1 (Yamaguchi sarcoma viral related oncogene homolog)	202626_s_	239555_at	3	4	Cytoplasm	kinase		4067	17096		81515	
SOS1	GF1, GGF	son of sevenless homolog 1 (Drosophila)	229261_at	229261_at	5	18	Cytoplasm	other		6654	20662		313845	
STAT3	1110034C	signal transducer and activator of transcription 3 (acute-phase response factor)	208992_s_	208992_s_	1	4	Nucleus	transcription factor		6774	20848		25125	
STAT5B	STAT5	signal transducer and activator of transcription 5B	205026_at	205026_at	3	4	Nucleus	transcription factor		6777	20851		25126	

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Name	Synonyms	Description	Affymetrix Location	Family	Drugs	Entrez Gene	Entrez Gene	Entrez Gene	Entrez Gene	Entrez Gene	Entrez Gene	Entrez Gene	Entrez Gene	Gene ID for Rat
BCL6	BCL5, Bcl6	B-cell CLL/lymphoma 6 (zinc finger protein 51)	203140_at	215990_s_	4	12	Nucleus	transcriptic			604	12053	303836	
BCL2A1	A1, A1-b, A	BCL2-related protein A1	205681_at	205681_at	3	5	Cytoplasm	other			597	12044 120	170929	
GAB2	AI463667,	GRB2-associated binding protein 2	238405_at	241004_at	3	4	Cytoplasm	other			9846	14389	84477	
LYN	AA407514	v-src-1 Yamaguchi sarcoma viral related oncogene homolog	202626_s_	239555_at	3	4	Cytoplasm	kinase			4067	17096	81515	
MAP2K6	MAPK KIN	mitogen-activated protein kinase kinase 6	205698_s_	205698_s_	2	15	Cytoplasm	kinase			5608	26399	114495	
MAPK14	CRK1, CS	mitogen-activated protein kinase 14	202530_at	210449_x_	2	2	Cytoplasm	kinase	SCIO-469		1432	26416	81649	
NFKBIA	AI462015,	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha	201502_s_	201502_s_	4	5	Cytoplasm	other			4792	18035	25493	
PIK3AP1	1810044JC	phosphoinositide-3-kinase adaptor protein 1	1554508_ε	1554508_at			Cytoplasm	other			118788	83490	294048	
PTEN	2310035O	phosphatase and tensin homolog (mutated in multiple advanced cancers 1)	242622_x_	242622_x_	4	5, 19	Cytoplasm	phosphata			5728	19211	50557	
PTPRC	B220, CD4	protein tyrosine phosphatase, receptor type, C	1569830_ε	1569830_ε	3	4	Plasma Mε	phosphata			5788	19264	24699	
SOS1	GF1, GGF	son of sevenless homolog 1 (Drosophila)	229261_at	229261_at	5	18	Cytoplasm	other			6654	20662	313845	
SOS2	mSos1, Sc	son of sevenless homolog 2 (Drosophila)	217644_s_	217644_s_	1	4	Cytoplasm	other			6655	20663	85384	

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Name	Synonyms	Description
CD14	CD14 ANT	CD14 molecule
FOS	C-FOS, D1	v-fos FBJ murine osteosarcoma viral oncogene homolog
LY96	ESOP-1, M	lymphocyte antigen 96
MAP2K6	MAPK KIN	mitogen-activated protein kinase kinase 6
MAPK14	CRK1, CS	mitogen-activated protein kinase 14
NFKBIA	AI462015,	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha
PGLYRP1	MGC12689	peptidoglycan recognition protein 1
TLR2	CD282, Ly	toll-like receptor 2
TLR4	CD284, H1	toll-like receptor 4
TLR5	FLJ10052,	toll-like receptor 5
TLR8	MGC11959	toll-like receptor 8

Affymetrix	Location	Family	Drugs	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Gene ID for Rat
201743_at	201743_at		1	2	Plasma Mε	transmemt		929	12475	60350					
--	209189_at		17	1	Nucleus	transcriptic		2353	14281	314322					
206584_at	206584_at	2, 10		2	Plasma Mε	other		23643	17087	448830					
205698_s_	205698_s_		2	15	Cytoplasm	kinase		5608	26399	114495					
202530_at	210449_x_		2	2	Cytoplasm	kinase	SCIO-469	1432	26416	81649					
201502_s_	201502_s_		4	5	Cytoplasm	other		4792	18035	25493					
207384_at	207384_at				Plasma Mε	transmemt		8993	21946	84387					
204924_at	204924_at		2	2, 22	Plasma Mε	transmemt		7097	24088	310553					
232068_s_	240948_at		2	2	Plasma Mε	transmemt	TAK-242	7099	21898	29260					
210166_at	210166_at		9	2	Plasma Mε	transmemt		7100	53791	289337					
220832_at	220832_at		10	17	Plasma Mε	transmemt	resiquimoc	51311	170744						

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Name	Synonyms	Description
CD14	CD14 ANT	CD14 molecule
FOS	C-FOS, D1	v-fos FBJ murine osteosarcoma viral oncogene homolog
LY96	ESOP-1, M	lymphocyte antigen 96
MAP2K6	MAPK KIN	mitogen-activated protein kinase kinase 6
MAPK14	CRK1, CS	mitogen-activated protein kinase 14
NFKBIA	AI462015,	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha
PGLYRP1	MGC12689	peptidoglycan recognition protein 1
TLR2	CD282, Ly	toll-like receptor 2
TLR4	CD284, H1	toll-like receptor 4
TLR5	FLJ10052,	toll-like receptor 5
TLR8	MGC11959	toll-like receptor 8

Affymetrix	Location	Family	Drugs	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Gene ID for Rat
201743_at	201743_at		1	2	Plasma Mε	transmemt		929	12475	60350					
--	209189_at		17	1	Nucleus	transcriptic		2353	14281	314322					
206584_at	206584_at	2, 10		2	Plasma Mε	other		23643	17087	448830					
205698_s_	205698_s_		2	15	Cytoplasm	kinase		5608	26399	114495					
202530_at	210449_x_		2	2	Cytoplasm	kinase	SCIO-469	1432	26416	81649					
201502_s_	201502_s_		4	5	Cytoplasm	other		4792	18035	25493					
207384_at	207384_at				Plasma Mε	transmemt		8993	21946	84387					
204924_at	204924_at		2	2, 22	Plasma Mε	transmemt		7097	24088	310553					
232068_s_	240948_at		2	2	Plasma Mε	transmemt	TAK-242	7099	21898	29260					
210166_at	210166_at		9	2	Plasma Mε	transmemt		7100	53791	289337					
220832_at	220832_at		10	17	Plasma Mε	transmemt	resiquimoc	51311	170744						

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Name	Synonyms	Description	Affymetrix	Location	Family	Drugs	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Gene ID for Rat
C1QA	AI255395,	complement component 1, q subcomponent, A chain	218232_at	218232_at		4	3	Extracellul	other		712	12259	298566			
C1QB	C1q Beta-1	complement component 1, q subcomponent, B chain	202953_at	202953_at		4	3	Extracellul	other		713	12260	29687			
C1QC	AI385742,	complement component 1, q subcomponent, C chain	225353_s_	225353_s_		4	3	Extracellul	other		714	12262	362634			
C3AR1	AZ3B, C3A	complement component 3a receptor 1	209906_at	209906_at		14	7	Plasma Me	G-protein c		719	12267	84007			
C5AR1	C5a, C5A	complement component 5a receptor 1	220088_at	220088_at		3	1	Plasma Me	G-protein c		728	12273	113959			
CD55	CR, DAF, I	CD55 molecule, decay accelerating factor for complement (Cromer blood group)	201926_s_	1555950_ε		3	9	Plasma Me	other		1604	13136	64036			
CD59	16.3A5, A7	CD59 molecule, complement regulatory protein	200985_s_	212463_at		3	9	Plasma Me	other		966	333883	25407			
CR1	C3b/C4b r	complement component (3b/4b) receptor 1 (Knops blood group)	239205_s_	206244_at		19	17	Plasma Me	other		1378	12946	54243			
F5	Ac2-120, A	coagulation factor V (proaccelerin, labile factor)	204713_s_	204713_s_		3	2	Plasma Me	other	drotrecogir	2153	14067	304929			
SERPINA1	A1-PI, A1A	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1	211429_s_	202833_s_		1	2	Extracellul	other		5265	20700 207	24648			
THBD	AI385582,	thrombomodulin	--	203887_s_at			3	Plasma Me	transmemt		7056	21824	83580			

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Name	Synonyms	Description
IL1A	IL-1, IL1-A	interleukin 1, alpha
IL1R1	CD121A, C	interleukin 1 receptor, type I
IL1R2	CD121b, C	interleukin 1 receptor, type II
MAP2K6	MAPK KIN	mitogen-activated protein kinase kinase 6
MAPK14	CRK1, CSI	mitogen-activated protein kinase 14
MAPKAPK	AA960234	mitogen-activated protein kinase-activated protein kinase 2
MEF2A	A430079H	MADS box transcription enhancer factor 2, polypeptide A (myocyte enhancer factor 2A)
MKNK1	2410048M	MAP kinase interacting serine/threonine kinase 1

Affymetrix	Location	Family	Drugs	Entrez Ger	Entrez Ger	Entrez Ger	Entrez Ger	Entrez Ger	Entrez Ger	Entrez Gene ID for Rat
--	208200_at		17	1	Extracellul	cytokine	IL-1 Trap	3552	16175	24493
202948_at	202948_at	2, 7		1	Plasma Me	transmemt	anakinra	3554	16177	25663
205403_at	205403_at		2	1	Plasma Me	transmemt		7850	16178	117022
205698_s_	205698_s_		2	15	Cytoplasm	kinase		5608	26399	114495
202530_at	210449_x_		2	2	Cytoplasm	kinase	SCIO-469	1432	26416	81649
201461_s_	201461_s_		2	4	Nucleus	kinase		9261	17164	289014
208328_s_	239571_at		2	4	Nucleus	transcriptic		4205	17258	365630
1560720_ε	243256_at		2	2	Cytoplasm	kinase		8569	17346	

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Name	Synonyms	Description	Affymetrix	Location	Family	Drugs	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Gene ID for Rat
GSK3B	7330414F	glycogen synthase kinase 3 beta	--	209945_s_at			5	Nucleus	kinase	enzastauri		2932	56637	84027				
IL1A	IL-1, IL1-A	interleukin 1, alpha	--	208200_at		17	1	Extracellul	cytokine	IL-1 Trap		3552	16175	24493				
IL1R1	CD121A, C	interleukin 1 receptor, type I	202948_at	202948_at	2, 7		1	Plasma Me	transmemt	anakinra		3554	16177	25663				
IL1R2	CD121b, C	interleukin 1 receptor, type II	205403_at	205403_at		2	1	Plasma Me	transmemt			7850	16178	117022				
IRAK3	4833428C	interleukin-1 receptor-associated kinase 3	220034_at	220034_at		7	7	Unknown	kinase			11213	73914	314870				
MAP2K6	MAPK KIN	mitogen-activated protein kinase kinase 6	205698_s_	205698_s_		2	15	Cytoplasm	kinase			5608	26399	114495				
NFKBIA	AI462015,	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha	201502_s_	201502_s_		4	5	Cytoplasm	other			4792	18035	25493				
PIK3CB	1110001J0	phosphoinositide-3-kinase, catalytic, beta polypeptide	--	217620_s_at			5	Cytoplasm	kinase			5291	74769	85243				
TGFA	RATTGFA,	transforming growth factor, alpha	205016_at	205016_at		1	2	Extracellul	growth fac			7039	21802	24827				
TLR2	CD282, Ly	toll-like receptor 2	204924_at	204924_at		2, 2, 22		Plasma Me	transmemt			7097	24088	310553				
TLR4	CD284, H1	toll-like receptor 4	232068_s_	240948_at		2	2	Plasma Me	transmemt	TAK-242		7099	21898	29260				
TLR5	FLJ10052,	toll-like receptor 5	210166_at	210166_at		9	2	Plasma Me	transmemt			7100	53791	289337				
TLR8	MGC11959	toll-like receptor 8	220832_at	220832_at		10	17	Plasma Me	transmemt	resiquimoc		51311	170744					

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Name	Synonyms	Description	Affymetrix	Location	Family	Drugs	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Gene ID for Rat
CCR1	CCL3 REC	chemokine (C-C motif) receptor 1	205099_s_	205099_s_	11	5	Plasma Mε	G-protein c			1230	12768	57301					
CD14	CD14 ANT	CD14 molecule	201743_at	201743_at	1	2	Plasma Mε	transmemt			929	12475	60350					
FCGR2A	CD16, CD:	Fc fragment of IgG, low affinity IIa, receptor (CD32)	--	1565674_at		2	Plasma Mε	transmemt			2212	14131	116591					
FOS	C-FOS, D1	v-fos FBJ murine osteosarcoma viral oncogene homolog	--	209189_at	17	1	Nucleus	transcriptic			2353	14281	314322					
IL10RB	6620401D	interleukin 10 receptor, beta	230632_at	230631_s_	1	4	Plasma Mε	transmemt			3588	16155	304091					
IL1A	IL-1, IL1-A	interleukin 1, alpha	--	208200_at	17	1	Extracellul:	cytokine	IL-1 Trap		3552	16175	24493					
IL1R1	CD121A, C	interleukin 1 receptor, type I	202948_at	202948_at	2, 7	1	Plasma Mε	transmemt	anakinra		3554	16177	25663					
IL1R2	CD121b, C	interleukin 1 receptor, type II	205403_at	205403_at	2	1	Plasma Mε	transmemt			7850	16178	117022					
MAP2K6	MAPK KIN	mitogen-activated protein kinase kinase 6	205698_s_	205698_s_	2	15	Cytoplasm	kinase			5608	26399	114495					
MAPK1	9030612K	mitogen-activated protein kinase 1	--	242106_at		2	Cytoplasm	kinase			5594	26413	116590					
MAPK14	CRK1, CS	mitogen-activated protein kinase 14	202530_at	210449_x_	2	2	Cytoplasm	kinase	SCIO-469		1432	26416	81649					
NFKBIA	A1462015,	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha	201502_s_	201502_s_	4	5	Cytoplasm	other			4792	18035	25493					
SOCS3	ATOD4, CI	suppressor of cytokine signaling 3	227697_at	206359_at	1	4	Cytoplasm	other			9021	12702	89829					
SP1	1110003E1	Sp1 transcription factor	--	1553685_s_	16	3	Nucleus	transcriptic			6667	20683	24790					
STAT3	1110034C	signal transducer and activator of transcription 3 (acute-phase response factor)	208992_s_	208992_s_	1	4	Nucleus	transcriptic			6774	20848	25125					

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Name	Synonyms	Description	Affymetrix	Location	Family	Drugs	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Gene ID for Rat
BCL6	BCL5, Bcl6	B-cell CLL/lymphoma 6 (zinc finger protein 51)	203140_at	215990_s_		4	12	Nucleus	transcriptic		604	12053	303836			
BCL2A1	A1, A1-b, A	BCL2-related protein A1	205681_at	205681_at		3	5	Cytoplasm	other		597	12044 120	170929			
BCL2L1	Bcl(X)L, Bcl	BCL2-like 1	--	215037_s_at			5	Cytoplasm	other		598	12048	24888			
FCGR2A	CD16, CD16c	Fc fragment of IgG, low affinity IIa, receptor (CD32)	--	1565674_at			2	Plasma Membrane	transmembrane		2212	14131	116591			
GAB2	AI463667,	GRB2-associated binding protein 2	238405_at	241004_at		3	4	Cytoplasm	other		9846	14389	84477			
GSK3B	7330414F,	glycogen synthase kinase 3 beta	--	209945_s_at			5	Nucleus	kinase	enzastauri	2932	56637	84027			
LYN	AA407514	v-src-related tyrosine kinase 1	202626_s_	239555_at		3	4	Cytoplasm	kinase		4067	17096	81515			
MAP2K6	MAPK KIN	mitogen-activated protein kinase kinase 6	205698_s_	205698_s_		2	15	Cytoplasm	kinase		5608	26399	114495			
MAP3K2	9630061B,	mitogen-activated protein kinase kinase kinase 2	--	221695_s_at			4	Cytoplasm	kinase		10746	26405	171492			
MAPK1	9030612K,	mitogen-activated protein kinase 1	--	242106_at			2	Cytoplasm	kinase		5594	26413	116590			
MAPK14	CRK1, CS1,	mitogen-activated protein kinase 14	202530_at	210449_x_		2	2	Cytoplasm	kinase	SCIO-469	1432	26416	81649			
NFKBIA	AI462015,	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha	201502_s_	201502_s_		4	5	Cytoplasm	other		4792	18035	25493			
PIK3AP1	1810044J,	phosphoinositide-3-kinase adaptor protein 1	1554508_ε	1554508_at				Cytoplasm	other		118788	83490	294048			
PIK3CB	1110001J,	phosphoinositide-3-kinase, catalytic, beta polypeptide	--	217620_s_at			5	Cytoplasm	kinase		5291	74769	85243			
PTEN	2310035O,	phosphatase and tensin homolog (mutated in multiple advanced cancers 1)	242622_x_	242622_x_		4	5, 19	Cytoplasm	phosphata		5728	19211	50557			
PTPRC	B220, CD147,	protein tyrosine phosphatase, receptor type, C	1569830_ε	1569830_ε		3	4	Plasma Membrane	phosphata		5788	19264	24699			
SOS1	GF1, GGF	son of sevenless homolog 1 (Drosophila)	229261_at	229261_at		5	18	Cytoplasm	other		6654	20662	313845			
SOS2	mSos1, Scs2,	son of sevenless homolog 2 (Drosophila)	217644_s_	217644_s_		1	4	Cytoplasm	other		6655	20663	85384			

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Name	Synonyms	Description	Affymetrix	Location	Family	Drugs	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Gene ID for Rat
BCL2A1	A1, A1-b, A	BCL2-related protein A1	205681_at	205681_at		3	5	Cytoplasm	other		597	12044	1120		170929	
BCL2L1	Bcl(X)L, Bc	BCL2-like 1	--	215037_s_at			5	Cytoplasm	other		598	12048			24888	
CSF2RA	CD116, C	colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage)	207085_x_	210340_s_		1	1	Plasma M	transmemk	sargramos	1438	12982				
HCK	A1849071,	hemopoietic cell kinase	208018_s_	208018_s_		1	4	Cytoplasm	kinase		3055	15162			25734	
JAK2	A1504024,	Janus kinase 2 (a protein tyrosine kinase)	1562031_ε	1562031_ε		3	4	Cytoplasm	kinase		3717	16452			24514	
LYN	AA407514	v-src-1 Yamaguchi sarcoma viral related oncogene homolog	202626_s_	239555_at		3	4	Cytoplasm	kinase		4067	17096			81515	
MAPK1	9030612K	mitogen-activated protein kinase 1	--	242106_at			2	Cytoplasm	kinase		5594	26413			116590	
PIK3CB	1110001J0	phosphoinositide-3-kinase, catalytic, beta polypeptide	--	217620_s_at			5	Cytoplasm	kinase		5291	74769			85243	
SOS1	GF1, GGF	son of sevenless homolog 1 (Drosophila)	229261_at	229261_at		5	18	Cytoplasm	other		6654	20662			313845	
STAT3	1110034C	signal transducer and activator of transcription 3 (acute-phase response factor)	208992_s_	208992_s_		1	4	Nucleus	transcriptic		6774	20848			25125	
STAT5B	STAT5	signal transducer and activator of transcription 5B	205026_at	205026_at		3	4	Nucleus	transcriptic		6777	20851			25126	

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Name	Synonyms	Description
CITED2	AI835299,	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2
FOS	C-FOS, D1	v-fos FBJ murine osteosarcoma viral oncogene homolog
IL1A	IL-1, IL1-A	interleukin 1, alpha
IL1R1	CD121A, C	interleukin 1 receptor, type I
IL1R2	CD121b, C	interleukin 1 receptor, type II
MAPK1	9030612K	mitogen-activated protein kinase 1
NFKBIA	AI462015,	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha
SOS1	GF1, GGF	son of sevenless homolog 1 (Drosophila)
SOS2	mSos1, Sc	son of sevenless homolog 2 (Drosophila)
STAT5B	STAT5	signal transducer and activator of transcription 5B

Affymetrix	Location	Family	Drugs	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Gene ID for Rat
--	207980_s_at			3	Nucleus	transcriptic		10370	17684	114490					
--	209189_at	17		1	Nucleus	transcriptic		2353	14281	314322					
--	208200_at	17		1	Extracellul	cytokine	IL-1 Trap	3552	16175	24493					
202948_at	202948_at	2, 7		1	Plasma Me	transmemt	anakinra	3554	16177	25663					
205403_at	205403_at		2	1	Plasma Me	transmemt		7850	16178	117022					
--	242106_at			2	Cytoplasm	kinase		5594	26413	116590					
201502_s_	201502_s_		4	5	Cytoplasm	other		4792	18035	25493					
229261_at	229261_at		5	18	Cytoplasm	other		6654	20662	313845					
217644_s_	217644_s_		1	4	Cytoplasm	other		6655	20663	85384					
205026_at	205026_at		3	4	Nucleus	transcriptic		6777	20851	25126					

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Name	Synonyms	Description	Affymetrix	Location	Family	Drugs	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Gene ID for Rat
FOXO3A	(i 1110048B1	forkhead box O3A	--	224889_at			23	Nucleus	transcriptic		2309	56484	294515			
GRB10	5730571D	growth factor receptor-bound protein 10	209409_at	215248_at		3 11, 19		Plasma Me	other		2887	14783	498416			
GSK3B	7330414F	glycogen synthase kinase 3 beta	--	209945_s_at			5	Nucleus	kinase	enzastaurii	2932	56637	84027			
IRS2	4PS	insulin receptor substrate 2	--	209184_s_at			5	Cytoplasm	other		8660	384783	29376			
JAK2	AI504024,	Janus kinase 2 (a protein tyrosine kinase)	1562031_ε	1562031_ε		3	4	Cytoplasm	kinase		3717	16452	24514			
MAPK1	9030612K	mitogen-activated protein kinase 1	--	242106_at			2	Cytoplasm	kinase		5594	26413	116590			
PIK3CB	1110001J0	phosphoinositide-3-kinase, catalytic, beta polypeptide	--	217620_s_at			5	Cytoplasm	kinase		5291	74769	85243			
PPP1R3D	2610024M	protein phosphatase 1, regulatory subunit 3D	204554_at	204555_s_		18	40	Unknown	phosphata		5509	228966				
PTEN	2310035O	phosphatase and tensin homolog (mutated in multiple advanced cancers 1)	242622_x_	242622_x_		4 5, 19		Cytoplasm	phosphata		5728	19211	50557			
SOCS3	ATOD4, CI	suppressor of cytokine signaling 3	227697_at	206359_at		1	4	Cytoplasm	other		9021	12702	89829			
SOS1	GF1, GGF	son of sevenless homolog 1 (Drosophila)	229261_at	229261_at		5	18	Cytoplasm	other		6654	20662	313845			
SOS2	mSos1, Sc	son of sevenless homolog 2 (Drosophila)	217644_s_	217644_s_		1	4	Cytoplasm	other		6655	20663	85384			

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Name	Synonyms	Description	Affymetrix	Location	Family	Drugs	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Gene ID for Rat
FOS	C-FOS, D1	v-fos FBJ murine osteosarcoma viral oncogene homolog	--	209189_at		17	1	Nucleus	transcriptic			2353	14281			314322
FOXO3A (i	1110048B1	forkhead box O3A	--	224889_at			23	Nucleus	transcriptic			2309	56484			294515
GRB10	5730571D	growth factor receptor-bound protein 10	209409_at	215248_at		3 11, 19		Plasma M	other			2887	14783			498416
IGF1R	CD221, hy	insulin-like growth factor 1 receptor	--	203628_at			5	Plasma M	kinase	IGF1		3480	16001			25718
IRS2	4PS	insulin receptor substrate 2	--	209184_s_at			5	Cytoplasm	other			8660	384783			29376
MAPK1	9030612K	mitogen-activated protein kinase 1	--	242106_at			2	Cytoplasm	kinase			5594	26413			116590
PIK3CB	1110001J0	phosphoinositide-3-kinase, catalytic, beta polypeptide	--	217620_s_at			5	Cytoplasm	kinase			5291	74769			85243
PXN	AW108311	paxillin	211823_s_	211823_s_		4	4	Cytoplasm	other			5829	19303			360820
SOS1	GF1, GGF	son of sevenless homolog 1 (Drosophila)	229261_at	229261_at		5	18	Cytoplasm	other			6654	20662			313845
SOS2	mSos1, Sc	son of sevenless homolog 2 (Drosophila)	217644_s_	217644_s_		1	4	Cytoplasm	other			6655	20663			85384

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Name	Synonyms	Description	Affymetrix	Location	Family	Drugs	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Gene ID for Rat
ACTB		Actin beta, actin, beta	--	AFFX-HSAC07/X0035			10	Cytoplasm	other			60	11461					81822
ACTN1	3110023F1	actinin, alpha 1	--	208637_x_at			6	Cytoplasm	other			87	109711					81634
ARF1	MGC72830	ADP-ribosylation factor 1	--	208750_s_at			4	Cytoplasm	transporter			375	11840					64310
ARHGAP2	1810044B	Rho GTPase activating protein 26	--	244548_at			18	Cytoplasm	other			23092	71302					307459
ARPC4	20kDa, 53	actin related protein 2/3 complex, subunit 4, 20kDa	--	211672_s_at			1	Unknown	other			10093	68089					297518
ARPC5	165kDa, 5	actin related protein 2/3 complex, subunit 5, 16kDa	--	237387_at			1	Cytoplasm	other			10092	67771					360854
DDEF1	AMAP1, A	development and differentiation enhancing factor 1	221039_s_	224796_at		3	4	Plasma M	other			50807	13196					314961
GSK3B	7330414F	glycogen synthase kinase 3 beta	--	209945_s_at			5	Nucleus	kinase	enzastaurii		2932	56637					84027
ITGA7	alpha7, FL	integrin, alpha 7	216331_at	216331_at		15	9	Plasma M	other			3679	16404					81008
MAPK1	9030612K	mitogen-activated protein kinase 1	--	242106_at			2	Cytoplasm	kinase			5594	26413					116590
PIK3CB	1110001J0	phosphoinositide-3-kinase, catalytic, beta polypeptide	--	217620_s_at			5	Cytoplasm	kinase			5291	74769					85243
PTEN	2310035O	phosphatase and tensin homolog (mutated in multiple advanced cancers 1)	242622_x_	242622_x_		4 5, 19		Cytoplasm	phosphata			5728	19211					50557
PXN	AW108311	paxillin	211823_s_	211823_s_		4	4	Cytoplasm	other			5829	19303					360820
RALB	5730472O	v-ral simian leukemia viral oncogene homolog B (ras related; GTP binding protein)	202101_s_	202101_s_		3	4	Cytoplasm	enzyme			5899	64143					116546
RHOG	ARHG, MC	ras homolog gene family, member G (rho G)	--	203175_at			20	Cytoplasm	enzyme			391	56212					308875
SOS1	GF1, GGF	son of sevenless homolog 1 (Drosophila)	229261_at	229261_at		5	18	Cytoplasm	other			6654	20662					313845
SOS2	mSos1, Sc	son of sevenless homolog 2 (Drosophila)	217644_s_	217644_s_		1	4	Cytoplasm	other			6655	20663					85384
TLN1	ILWEQ, Kl	talin 1	203254_s_	203254_s_		4	21	Plasma M	other			7094	21894					313494
VASP	Vasp (pred	vasodilator-stimulated phosphoprotein	202205_at	202205_at		13 6, 21		Plasma M	other			7408	22323					361517
ZYX	9530098H	zyxin	215706_x_	200808_s_		13	6	Plasma M	other			7791	22793					114636

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