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Name	Synonyms	Description
CD28	CD28 ANT	CD28 molecule
CD247	AW552088	CD247 molecule
CD3D	CD3-DELT	CD3d molecule, delta (CD3-TCR complex)
CD3E	AI504783,	CD3e molecule, epsilon (CD3-TCR complex)
CD3G	CD3-GAM	CD3g molecule, gamma (CD3-TCR complex)
CD8A	BB154331	CD8a molecule
FYN	AI448320,	FYN oncogene related to SRC, FGR, YES
ITK	EMT, Itk (p	IL2-inducible T-cell kinase
LAT	LAT1, MG	linker for activation of T cells
LCK	Hck-3, LC	lymphocyte-specific protein tyrosine kinase
PPP3CC	Calcineurin	protein phosphatase 3 (formerly 2B), catalytic subunit, gamma isoform (calcineurin A gamma)
PRKCQ	A130035A	protein kinase C, theta
RASGRP1	CALDAG-	RAS guanyl releasing protein 1 (calcium and DAG-regulated)
SHB	BC028832	Src homology 2 domain containing adaptor protein B
TRA@	C6.1A, FL	T cell receptor alpha locus
ZAP70	70kDa, AI	zeta-chain (TCR) associated protein kinase 70kDa

Affymetrix	Location	Family	Drugs	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger
206545_at	206545_at	1	1	Plasma M	other			940	12487	25660			
210031_at	210031_at	1	1	Plasma M	transmemt	visilizumat		919	12503	25300			
213539_at	213539_at	1	1	Plasma M	transmemt	visilizumat		915	12500	25710			
205456_at	205456_at	1	1	Plasma M	transmemt	visilizumat		916	12501	315609			
206804_at	206804_at	1	1	Plasma M	transmemt	visilizumat		917	12502	300678			
205758_at	205758_at	1	8	Plasma M	other			925	12525	24930			
212486_s	212486_s	1	1	Plasma M	kinase	dasatinib		2534	14360	25150			
211339_s	211339_s	1	1	Cytoplasm	kinase			3702	16428	363577			
211005_at	211005_at	1	1	Plasma M	other			27040	16797	81511			
204890_s	204890_s	1, 4	1	Cytoplasm	kinase	dasatinib		3932	16818	313050			
32541_at	207000_s_at			Unknown	phosphata	ISAtx-247,		5533	19057	171378			
210038_at	210039_s	1	2	Cytoplasm	kinase			5588	18761	85420			
205590_at	205590_at	10, 12	2	Cytoplasm	other			10125	19419	29434			
--	225036_at		21	Unknown	other			6461	230126	362513			
217143_s	217143_s	1	1	Plasma M	other			6955	21473	364379			
214032_at	1555613_s	1	1	Plasma M	kinase			7535	22637	301348			

Downregulated_pathways

TAB 1-T cell receptor signaling Day 1

ie ID for Rat

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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
HLA-DMA	CLASS II F	major histocompatibility complex, class II, DM alpha	217478_s_	217478_s_	2	11	Plasma Mε transmemt				3108	14998	294274	
HLA-DMB	AI385589,	major histocompatibility complex, class II, DM beta	203932_at	203932_at	2	3	Plasma Mε transmemt				3109	14999 150	294273	
HLA-DOA	H-2Oa, H2	major histocompatibility complex, class II, DO alpha	226878_at	226878_at	2	3	Plasma Mε transmemt				3111	15001	24984	
HLA-DOB	DOB, H-2f	major histocompatibility complex, class II, DO beta	205671_s_	205671_s_	2	3	Plasma Mε transmemt				3112	15002	365542	
HLA-DPA1	HLA-DP1A	major histocompatibility complex, class II, DP alpha 1	211991_s_	211991_s_	29	11	Plasma Mε transmemt				3113		24986	
HLA-DPB1	DPB1, HLf	major histocompatibility complex, class II, DP beta 1	201137_s_	201137_s_	29	11	Plasma Mε transmemt				3115			
HLA-DQA1	AALPHA, f	major histocompatibility complex, class II, DQ alpha 1	212671_s_	212671_s_	2	3	Plasma Mε transmemt				3117	14960	309621	
HLA-DRA	AI323765,	major histocompatibility complex, class II, DR alpha	208894_at	208894_at	2	11	Plasma Mε transmemt				3122	14968	294269	
HLA-DRB1	DR-7, DR-	major histocompatibility complex, class II, DR beta 1	236203_at	215193_x_	2	3	Plasma Mε transmemt				3123	14969	294270	

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Name	Synonyms	Description	Affymetrix	Location	Family	Drugs	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Ger	Entrez	Gene ID for Rat
CD247	AW552088	CD247 molecule	210031_at	210031_at	1	1	Plasma Mε	transmemt	visilizumab	919	12503	25300				
FYN	AI448320,	FYN oncogene related to SRC, FGR, YES	212486_s_	212486_s_	1	1	Plasma Mε	kinase	dasatinib	2534	14360	25150				
KLRC2	CD159a, C	killer cell lectin-like receptor subfamily C, member 2	206785_s_	206785_s_	21	4	Plasma Mε	transmemt		3822	16641					
KLRC3	NKG2-E	killer cell lectin-like receptor subfamily C, member 3	207723_s_	207723_s_	21	4	Plasma Mε	transmemt		3823	58179					
KLRD1	CD94	killer cell lectin-like receptor subfamily D, member 1	207795_s_	207795_s_	21	4	Plasma Mε	transmemt		3824	16643	25110				
KLRK1	CD314, D1	killer cell lectin-like receptor subfamily K, member 1	205821_at	205821_at	21	4	Plasma Mε	transmemt		22914	27007	24934				
LAT	LAT1, MG	linker for activation of T cells	211005_at	211005_at	1	1	Plasma Mε	other		27040	16797	81511				
LCK	Hck-3, LCK	lymphocyte-specific protein tyrosine kinase	204890_s_	204890_s_	1, 4	1	Cytoplasm	kinase	dasatinib	3932	16818	313050				
RRAS2	2610016H,	related RAS viral (r-ras) oncogene homolog 2	212590_at	212590_at	10	2	Plasma Mε	enzyme		22800	66922	365355				
SH2D1A (i	DSHP, EB	SH2 domain protein 1A, Duncan's disease (lymphoproliferative syndrome)	210116_at	210116_at	4	6	Cytoplasm	other		4068	20400	501502				
SH2D1B	EAT-2, EA	SH2 domain containing 1B	1553177_ε	1553177_ε	4	6	Unknown	other		117157	26904	501869				
ZAP70	70kDa, AIZ	zeta-chain (TCR) associated protein kinase 70kDa	214032_at	1555613_ε	1	1	Plasma Mε	kinase		7535	22637	301348				