

Online Supplementary Table 1

Gene ontology classification for platelet specific genes with probe set ID, gene title and GenBank accession.

Probe Set	Gene Title	GenBank Accession
CALCIUM ION BINDING		
221160_s_at	calcium binding protein 5	AF169159
203471_s_at	pleckstrin	AK124424
218935_at	EH-domain containing 3	AF214736
214617_at	perforin 1 (pore forming protein)	BC047695
204619_s_at	chondroitin sulfate proteoglycan 2	J02814
CALCIUM-DEPENDENT PHOSPHOLIPASE A2 ACTIVITY		
221027_s_at	phospholipase A2, group XIIIA	AY359024
CALMODULIN BINDING		
204081_at	neurogranin (protein kinase C substrate, RC3)	Y09689
CARBOHYDRATE BINDING		
208935_s_at	lectin, galactoside-binding, soluble, 8	AK098613
204563_at	selectin L (lymphocyte adhesion molecule 1)	AL021940
206049_at	selectin P (antigen CD62)	M60234
208450_at	lectin, galactoside-binding, soluble, 2	AL022315
CATALYTIC ACTIVITY		
206210_s_at	cholesteryl ester transfer protein, plasma	BC025739
220751_s_at	chromosome 5 open reading frame 4	AK023820
206465_at	lipidosin	AF070624
C-C CHEMOKINE BINDING		
217028_at	chemokine (C-X-C motif) receptor 4	AF348491
DNA BINDING		
207156_at	histone 1, H2ai	AL009179
208180_s_at	histone 1, H4i	AF007904
215071_s_at	histone 1, H2ac	Z80778
202708_s_at	histone 2, H2be	M60756
220936_s_at	H2A histone family, member J	BU594879
HYDROLASE ACTIVITY		
219452_at	dipeptidase 2	AJ295149
205844_at	vanin 1	U39664
213975_s_at	lysozyme (renal amyloidosis)	A10156
219999_at	mannosidase, alpha, class 2A, member 2	D55649

205950_s_at carbonic anhydrase I BC027890
207522_s_at ATPase, Ca⁺⁺ transporting, ubiquitous AF458229

HIGH-DENSITY LIPOPROTEIN(NF)

222043_at clusterin (complement lysis inhibitor) BQ181025

NUCLEIC ACID BINDING

206110_at histone 1, H3a AL009179
204959_at myeloid cell nuclear differentiation antigen U30245

OXIDOREDUCTASE ACTIVITY

207206_s_at arachidonate 12-lipoxygenase M62982
204041_at monoamine oxidase B AL008709
205128_x_at prostaglandin-endoperoxide synthase 1 AF440204
205221_at homogentisate 1,2-dioxygenase AK124291
204187_at guanosine monophosphate reductase L35304
203913_s_at hydroxyprostaglandin dehydrogenase 15-(NAD) J05594
219077_s_at WW domain containing oxidoreductase AF217492

PROTEASE INHIBITOR ACTIVITY

209676_at tissue factor pathway inhibitor J03225

PROTEIN BINDING

213790_at a disintegrin and metalloproteinase domain 12 AK127856
207414_s_at paired basic amino acid cleaving system 4 BC043562
210321_at granzyme H (cathepsin G-like 2, protein h-CCPX) J02907
203662_s_at tropomodulin 1 AK095748
202663_at Wiskott-Aldrich syndrome protein interacting protein AK097901
209606_at pleckstrin homology, Sec7 and coiled-coil domains CD642163
207926_at glycoprotein V (platelet) L11238
214073_at cortactin M98343

PURINE NUCLEOTIDE BINDING

207018_s_at RAB27B, member RAS oncogene family AF329499
212651_at Rho-related BTB domain containing 1 CB959762
201451_x_at Ras homolog enriched in brain AF493921
203196_at ATP-binding cassette, sub-family C, member 4 AF071203
203086_at kinesin heavy chain member 2 BC047544

REGULATOR ACTIVITY

205590_at RAS guanyl releasing protein 1 AF081197
210140_at cystatin F (leukocystatin) AB029636
206841_at phosphodiesterase 6H, cGMP-specific, gamma D45399

SELENIUM BINDING

214433_s_at selenium binding protein 1 CR456852

SIGNAL TRANSDUCER ACTIVITY

205898_at	chemokine (C-X3-C motif) receptor 1	AY016370
207389_at	glycoprotein Ib (platelet), alpha polypeptide	AF395009
204686_at	insulin receptor substrate 1	BC053895
206493_at	integrin, alpha 2b	J02764
204627_s_at	integrin, beta 3	BQ437000
204337_at	regulator of G-protein signalling 4	AF493928
204115_at	guanine nucleotide binding protein	AF493878
207815_at	platelet factor 4 variant 1	M26167
206254_at	epidermal growth factor	J02548
209555_s_at	CD36 antigen (collagen type I receptor)	AK096858
336_at	thromboxane A2 receptor	BC028027
214974_x_at	chemokine (C-X-C motif) ligand 5	AF349466
1405_i_at	chemokine (C-C motif) ligand 5	AF266753
206204_at	growth factor receptor-bound protein 14	BC053559
217147_s_at	T-cell receptor interacting molecule	AJ240085
208406_s_at	GRB2-related adaptor protein 2	CR456498
204319_s_at	regulator of G-protein signalling 10	AF493934
203485_at	reticulon 1	L10335
206655_s_at	glycoprotein Ib (platelet), beta polypeptide	AF006988
220646_s_at	killer cell lectin-like receptor subfamily F, member 1	AJ305370
219947_at	C-type (calcium dependent) lectin	AF328684
207526_s_at	interleukin 1 receptor-like 1	AB029084
210375_at	prostaglandin E receptor 3 (subtype EP3)	L32662
204993_at	guanine nucleotide binding protein (G protein)	AF493899
210448_s_at	purinergic receptor P2X, ligand-gated ion channel, 5	AF070573
212587_s_at	protein tyrosine phosphatase, receptor type, C	AY567999
204018_x_at	hemoglobin, alpha 1	AF349571
209116_x_at	hemoglobin, beta	AF007546
209894_at	leptin receptor	U52914
220005_at	G protein-coupled receptor 86	AF345565
205671_s_at	major histocompatibility complex, class II, DO beta	M26040
206960_at	G protein-coupled receptor 23	AF005419
207651_at	platelet activating receptor homolog	AF002986
203817_at	guanylate cyclase 1, soluble, beta 3	BC047620
206637_at	G protein-coupled receptor 105	AF456925
206390_x_at	platelet factor 4 (chemokine (C-X-C motif) ligand 4)	AF349466
205572_at	angiopoietin 2	AF218015
205608_s_at	angiopoietin 1	BC029406
205114_s_at	chemokine (C-C motif) ligand 3	D00044

STRUCTURAL MOLECULE ACTIVITY

217428_s_at	collagen, type X, alpha 1	X98568
214146_s_at	pro-platelet basic protein	AF349466
205923_at	reelin	AK093843

208601_s_at	tubulin, beta 1	AJ292757
202202_s_at	laminin, alpha 4	X91171
201438_at	collagen, type VI, alpha 3	X06196
207808_s_at	protein S (alpha)	AY308744

TRANSCRIPTION COFACTOR ACTIVITY

205267_at	POU domain, class 2, associating factor 1	Z49194
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TRANSFERASE ACTIVITY

211560_s_at	aminolevulinate, delta-, synthase 2	AY532109
206963_s_at	N-acetyltransferase 8	AF187813
209459_s_at	4-aminobutyrate aminotransferase	L32961
213598_at	putative dimethyladenosine transferase	AJ009761
203305_at	coagulation factor XIII, A1 polypeptide	AF218234

TRANSITION METAL ION BINDING

206177_s_at	arginase, liver	BT006741
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TRANSPORTER ACTIVITY

219090_at	solute carrier family 24, member 3	AL139429
205592_at	solute carrier family 4, member 1	L35930
212531_at	lipocalin 2	N79823
206606_at	lipase, hepatic	J03895

ZINC ION BINDING

214715_x_at	zinc finger protein 160	AB046831
208137_x_at	zinc finger protein 611	AK097434
206169_x_at	ubiquitous tetratricopeptide containing protein RoXaN	BC047002
