Gene Name	A375BR Expression	A375P Expression	Fold over-expressed in A375Br	Definition
IGFBP5	13.57862	8.75745	28.26945	Insulin-like growth factor binding protein 5
ABLIM1	12.43349	7.81977	24.48330	Actin binding LIM protein 1
HPDL	13.33408	9.91512	10.69574	4-hydroxyphenylpyruvate dioxygenase-like
TNFSF13B	11.38132	7.97647	10.59159	Tumor necrosis factor superfamily, member 13b
CYP2J2	11.93502	8.89068	8.24969	Cytochrome P450, family 2, subfamily J, polypeptide 2
LIMCH1	12.04037	9.00768	8.18334	LIM and calponin homology domains 1
SUSD1	10.86500	7.86592	7.99490	Sushi domain containing 1
MFI2	10.13690	7.22251	7.53907	Antigen p97 (melanoma associated)
C1orf59	11.90157	9.00162	7.46401	Chromosome 1 open reading frame 59
C3	12.43153	9.65024	6.87469	Complement component 3
ACOT11	10.55802	7.78136	6.85261	Acyl-CoA thioesterase 11
ABCA1	11.62815	8.87194	6.75619	ATP-binding cassette, sub-family A (ABC1), member 1
GPX3	12.37877	9.64890	6.63394	Glutathione peroxidase 3
SNX22	10.03958	7.40746	6.19935	Sorting nexin 22
IFIT1	11.79999	9.17001	6.19017	Interferon-induced protein with tetratricopeptide repeats 1
SDC3	12.93029	10.32844	6.07064	Syndecan 3
SLIT2	10.12112	7.54806	5.95070	Slit homolog 2
TCF4	10.45115	7.89283	5.89019	Transcription factor 4
LDB2	10.81448	8.31735	5.64559	LIM domain binding 2
SNAP25	11.13016	8.64440	5.60132	Synaptosomal-associated protein
QPRT	11.02834	8.66629	5.14102	Quinolinate phosphoribosyltransferase
XKR8	9.65892	7.29777	5.13780	XK, Kell blood group complex subunit-related family, member 8
HSD17B1	11.67443	9.33671	5.05503	Hydroxysteroid (17-beta) dehydrogenase 1
SLC16A3	11.91604	9.62009	4.91076	Solute carrier family 16, member 3
EFEMP1	9.94799	7.65531	4.89962	EGF-containing fibulin-like extracellular matrix protein 1
IFITM1	10.82167	8.55577	4.80954	Interferon induced transmembrane protein 1
MOXD1	13.71038	11.49386	4.64769	Monooxygenase, DBH-like 1
PDE4B	12.21677	10.01528	4.59957	Phosphodiesterase 4B
PLOD2	13.11982	10.93257	4.55436	Procollagen-lysine, 2-oxoglutarate 5-dioxygenase 2
ALDH2	9.60608	7.46583	4.40840	Aldehyde dehydrogenase 2 family (mitochondrial)
PDE5A	9.81107	7.68553	4.36368	Phosphodiesterase 5A, cGMP-specific
SPP1	12.79447	10.68612	4.31199	Secreted phosphoprotein 1
CTLA4	11.00020	8.91121	4.25451	Cytotoxic T-lymphocyte-associated protein 4
LINGO2	9.38340	7.36990	4.03759	Leucine rich repeat and Ig domain containing 2
SLITRK2	9.75980	7.81177	3.85846	SLIT and NTRK-like family, member 2
STARD13	10.88995	8.94299	3.85563	StAR-related lipid transfer (START) domain containing 13
ALS2CR11	10.75827	8.82627	3.81584	Amyotrophic lateral sclerosis 2 chromosome region, candidate 11
C20orf55	11.14957	9.23000	3.78310	Chromosome 20 open reading frame 55
PLEKHA5	11.44940	9.53442	3.77107	Pleckstrin homology domain containing, family A member 5
MYL9	9.16451	7.26037	3.74286	Myosin, light chain 9, regulatory
RAMP2	9.24235	7.34308	3.73025	Receptor activity modifying protein 2
COL5A3	10.67089	8.77299	3.72671	Collagen, type V, alpha 3
CAND2	9.83905	7.94553	3.71542	Cullin-associated and neddylation-dissociated 2
BCAT1	11.99563	10.10358	3.71161	Branched chain aminotransferase 1
SNORD56	11.34948	9.47245	3.67317	Small nucleolar RNA, C/D box 56
MXRA7	12.04864	10.19163	3.62255	Matrix-remodelling associated 7
CPVL	13.41025	11.56878	3.58373	Carboxypeptidase, vitellogenic-like
TUBB2B	12.24439	10.42529	3.52861	Tubulin, beta 2B
CPE	13.79880	11.98755	3.50946	Carboxypeptidase E
DTNA	12.49801	10.70179	3.47308	Dystrobrevin, alpha
TM4SF19	9.93401	8.14091	3.46557	Transmembrane 4 L six family member 19, transcript variant 2
ZNF589	12.37528	10.59970	3.42376	Zinc finger protein 589
CNNM1	9.56477	7.81335	3.36689	Cyclin M1
COL1A2	10.08649	8.34503	3.34374	Collagen, type I, alpha 2
COLEC11	9.49167	7.76065	3.31964	Collectin sub-family member 11
SLC24A5	8.93724	7.20773	3.31615	Solute carrier family 24, member 5

DNALI1	9.10807	7.38455	3.30240	Dynein, axonemal, light intermediate chain 1
ASCC3	12.06895	10.35526	3.28000	Activating signal cointegrator 1 complex subunit 3
C19orf51	10.56784	8.86631	3.25246	Chromosome 19 open reading frame 51
PXMP2	11.89255	10.19815	3.23642	Peroxisomal membrane protein 2
CD200	10.44194	8.77197	3.18209	CD200 molecule
PPP2CB	11.63639	9.97414	3.16510	Protein phosphatase 2, catalytic subunit, beta isoform
TEAD1	10.64730	8.99103	3.15201	TEA domain family member 1
CDKN2C	10.52061	8.86714	3.14589	Cyclin-dependent kinase inhibitor 2C
HERC5	9.36412	7.72313	3.11881	Hect domain and RLD 5
AXL	9.38561	7.74519	3.11756	AXL receptor tyrosine kinase
FYN	11.59414	9.96490	3.09350	FYN oncogene related to SRC, FGR, YES
PHLDB2	11.73895	10.11964	3.07230	Pleckstrin homology-like domain, family B, member 2
PHF17	11.74861	10.13236	3.06576	PHD finger protein 17
RUNX3	9.18194	7.57262	3.05108	Runt-related transcription factor 3
SLC27A3	9.93680	8.33085	3.04397	Solute carrier family 27, member 3
PLXNB1	11.76135	10.15576	3.04320	Plexin B1
ZSCAN2	11.39080	9.78576	3.04203	Zinc finger and SCAN domain containing 2
ADD3	11.62280	10.01980	3.03775	Adducin 3
H2AFJ	9.50654	7.90436	3.03603	H2A histone family, member J
MAOA	11.34870	9.76045	3.00684	Monoamine oxidase A
ANTXR1	12.57502	14.17067	0.33087	Anthrax toxin receptor 1
ICK	10.57563	12.19777	0.32485	Intestinal cell (MAK-like) kinase
C11orf2	10.44153	12.06414	0.32475	Chromosome 11 open reading frame 2
NEK9	8.04241	9.66945	0.32375	NIMA (never in mitosis gene a)- related kinase 9
KIAA0649	9.24663	10.87379	0.32372	KIAA0649
HNMT	9.58247	11.21465	0.32260	Histamine N-methyltransferase
COL22A1	10.89466	12.52895	0.32213	Collagen, type XXII, alpha 1
ARSD	8.39053	10.02836	0.32134	Arylsulfatase D
CDCP1	11.18116	12.82912	0.31909	CUB domain containing protein 1
PMP2	8.85990	10.51393	0.31775	Peripheral myelin protein 2
NKD2	7.52837	9.18251	0.31773	Naked cuticle homolog 2
RAPH1	10.76971	12.42652	0.31714	Ras association (RalGDS/AF-6) and pleckstrin homology domains 1
EXTL1	10.92275	12.58083	0.31686	Exostoses-like 1
GAS6	9.29896	10.96339	0.31547	Growth arrest-specific 6
FNTA	10.07473	11.74009	0.31527	Farnesyltransferase, CAAX box, alpha
PLEKHM1	10.22616	11.89827	0.31379	Pleckstrin homology domain containing, family M member 1
AFF3	8.88570	10.56380	0.31249	AF4/FMR2 family, member 3
OSTC	11.05462	12.73519	0.31196	Oligosaccharyltransferase complex subunit
THRA	8.79676	10.47933	0.31153	Thyroid hormone receptor, alpha
ANKRD50	8.86694	10.55700	0.30991	Ankyrin repeat domain 50
LARP6	8.97135	10.66694	0.30873	La ribonucleoprotein domain family, member 6
C11orf75	8.22002	9.92669	0.30637	Chromosome 11 open reading frame 75
KIAA1199	10.73413	12.45041	0.30433	KIAA1199
GPX7	11.42481	13.14556	0.30339	Glutathione peroxidase 7
C9orf61	8.39503	10.11890	0.30273	Chromosome 9 open reading frame 61
LPXN	11.72323	13.44884	0.30237	Leupaxin
PC	9.81620	11.54371	0.30197	Pyruvate carboxylase
KIAA1026	8.79875	10.53235	0.30070	Kazrin
CCL2	9.57129	11.31342	0.29893	Chemokine (C-C motif) ligand 2
CD96	10.81130	12.57242	0.29502	CD96 molecule
CD82	8.69952	10.46120	0.29490	CD82 molecule
IL1RAPL1	10.67359	12.45360	0.29118	Interleukin 1 receptor accessory protein-like 1
NUP50	10.59533	12.37599	0.29105	Nucleoporin 50kDa
DIP2C	9.67648	11.45746	0.29099	DIP2 disco-interacting protein 2 homolog C
NPAS1	11.06060	12.85524	0.28824	Neuronal PAS domain protein 1
CCDC130	9.91370	11.71957	0.28601	Coiled-coil domain containing 130
PPP1R14A	8.52519	10.33640	0.28495	Protein phosphatase 1, regulatory subunit 14A
S100A3	10.56380	12.37706	0.28455	S100 calcium binding protein A3

M160	11.12602	12.96038	0.28042	Scavenger receptor cysteine-rich type 1 protein M160
ADCY3	10.50427	12.35890	0.27650	Adenylate cyclase 3
BIRC3	7.78876	9.64373	0.27644	Baculoviral IAP repeat-containing 3
TUBB4	8.64411	10.50176	0.27593	Tubulin, beta 4
ANXA2P1	9.44733	11.30642	0.27565	Annexin A2 pseudogene 1
SPATA20	10.45862	12.32017	0.27518	Spermatogenesis associated 20
TOMM40	9.09901	10.96484	0.27436	Translocase of outer mitochondrial membrane 40 homolog
RABL4	8.39161	10.26241	0.27342	RAB, member of RAS oncogene family-like 4
PKNOX2	8.10026	9.98509	0.27078	PBX/knotted 1 homeobox 2
DUSP10	10.71877	12.60923	0.26972	Dual specificity phosphatase 10
RCN3	8.16367	10.05926	0.26876	Reticulocalbin 3, EF-hand calcium binding domain
RAB3IL1	11.19338	13.09542	0.26757	RAB3A interacting protein -like 1
RHBDF2	10.08610	12.02018	0.26169	Rhomboid 5 homolog 2
LENG8	8.27758	10.21776	0.26058	Leukocyte receptor cluster (LRC) member 8
LRP5	9.02946	11.00020	0.25512	Low density lipoprotein receptor-related protein 5
EIF5B	10.45243	12.42455	0.25488	Eukaryotic translation initiation factor 5B
LINGO1	7.89880	9.87127	0.25482	Leucine rich repeat and Ig domain containing 1
LCP2	7.18065	9.16519	0.25269	Lymphocyte cytosolic protein 2
SYNC1	8.76752	10.76302	0.25078	Syncoilin, intermediate filament 1
KIAA0284	9.27724	11.27564	0.25028	KIAA0284
FOSB	9.37359	11.37611	0.24956	FBJ murine osteosarcoma viral oncogene homolog B
NFATC2	9.55422	11.56120	0.24879	Nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2
TRIL	9.36977	11.38013	0.24821	TLR4 interactor with leucine rich repeats
SRPX2	8.89434	10.90618	0.24796	Sushi-repeat-containing protein, X-linked 2
ECSCR	7.48007	9.50923	0.24500	Endothelial cell-specific chemotaxis regulator
MYO1D	9.55578	11.58831	0.24443	Myosin ID
TPM1	10.55771	12.59431	0.24374	Tropomyosin 1 (alpha)
DDIT4L	7.26020	9.29951	0.24328	DNA-damage-inducible transcript 4-like
CLDN23	9.70020	11.74450	0.24244	Claudin 23
LUM	9.91915	11.96724	0.24180	Lumican
AKR1C2	11.00836	13.05803	0.24154	Aldo-keto reductase family 1, member C2
MTSS1	9.17036	11.22615	0.24052	Metastasis suppressor 1
CCDC92	9.31352	11.37844	0.23900	Coiled-coil domain containing 92
C14orf139	9.33909	11.40498	0.23884	Chromosome 14 open reading frame 139
TJAP1	9.79883	11.87033	0.23791	Tight junction associated protein 1
ST8SIA1	8.47772	10.56407	0.23548	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 1
ENPP2	10.77222	12.86929	0.23373	Ectonucleotide pyrophosphatase/phosphodiesterase 2
TRPV2	11.02026	13.12725	0.23213	Transient receptor potential cation channel, subfamily V, member 2
ITGAX	8.07269	10.18227	0.23171	Integrin, alpha X
KBTBD11	7.20311	9.32382	0.22993	Kelch repeat and BTB domain containing 11
CD22	8.51472	10.64296	0.22874	CD22 molecule
STEAP3	10.13533	12.26365	0.22872	STEAP family member 3
NNT	9.59696	11.76210	0.22296	Nicotinamide nucleotide transhydrogenase
CCPG1	9.33075	11.49591	0.22296	Cell cycle progression 1
SLC25A23	10.91748	13.09272	0.22141	Solute carrier family 25, member 23
INMT	8.54656	10.73371	0.21958	Indolethylamine N-methyltransferase
FLJ21986	9.09526	11.28441	0.21928	Hypothetical protein FLJ21986
LOC399959	10.20902	12.40456	0.21831	Hypothetical LOC399959
FAM43B	7.81503	10.01598	0.21749	Family with sequence similarity 43, member B
PNMAL1	10.86778	13.11861	0.21010	PNMA-like 1
COL6A3	8.01069	10.28577	0.20660	Collagen, type VI, alpha 3
PLD3	8.22399	10.50392	0.20591	Phospholipase D family, member 3
CYP2S1	8.48025	10.76598	0.20508	Cytochrome P450, family 2, subfamily S, polypeptide 1
EVI5L	10.43149	12.73063	0.20318	Ecotropic viral integration site 5-like
TMEM55A	8.56738	10.87655	0.20178	Transmembrane protein 55A
HLA-DQA1	8.28197	10.62883	0.19657	Major histocompatibility complex, class II, DQ alpha 1
CAPN3	8.46867	10.84132	0.19309	Calpain 3
MN1	9.41802	11.80150	0.19165	Meningioma 1
CDC42EP5	8.03634	10.44836	0.18789	CDC42 effector protein 5

LPAR1	9.36551	11.79889	0.18513	Lysophosphatidic acid receptor 1
CA5B	8.46033	10.97428	0.17508	Carbonic anhydrase VB
TMSB4X	8.67161	11.21281	0.17180	Thymosin, beta 4, X-linked
MLPH	10.41878	13.08274	0.15779	Melanophilin
D4S234E	8.14115	10.85973	0.15192	DNA segment on chromosome 4 (unique) 234 expressed sequence
BGN	9.80693	12.54725	0.14965	Biglycan
CACHD1	9.38131	12.16724	0.14499	Cache domain containing 1
PPARGC1A	8.26239	11.19891	0.13062	Peroxisome proliferator-activated receptor gamma, coactivator 1 alpha
OLFML3	9.83603	12.84144	0.12453	Olfactomedin-like 3
EPB41L3	9.88721	12.91278	0.12280	Erythrocyte membrane protein band 4.1-like 3
SERPINH1	8.82203	11.92848	0.11611	Serpin peptidase inhibitor, clade H (heat shock protein 47), member 1
IGFBP7	8.32470	11.46769	0.11321	Insulin-like growth factor binding protein 7
LRRC17	10.31902	13.52043	0.10871	Leucine rich repeat containing 17
FMOD	7.98981	11.38659	0.09494	Fibromodulin
CDH15	8.47571	11.88595	0.09406	Cadherin 15
MATK	7.47247	10.89993	0.09295	Megakaryocyte-associated tyrosine kinase
PLA1A	8.43745	11.99869	0.08471	Phospholipase A1 member A
COL15A1	8.63297	12.25014	0.08149	Collagen, type XV, alpha 1
RASD2	8.86996	12.95747	0.05882	RASD family, member 2
PROM1	8.32263	12.49243	0.05556	Prominin 1
MAGEC2	7.14996	11.80072	0.03981	Melanoma antigen family C, 2