Table S3b: Over 1.5 fold under-expressed genes in HRPC CD133+ cells (ratio to benign (cultured) CD133$^+$ cells)

Symbol	Name	Median Ratio	Locus Link ID
MBP	Myelin basic protein	4.35	4155
ALDOB	Aldolase B, fructose-bisphosphate	4.20	229
TTR	Transthyretin (prealbumin, amyloidosis type I)	3.80	7276
ROPN1L	Ropporin 1-like	3.36	83853
C1orf182	Chromosome 1 open reading frame 182	3.32	128229
SPARC	Secreted protein, acidic, cysteine-rich (osteonectin)	3.29	6678
STMN2	Stathmin-like 2	3.28	11075
GAGE2	G antigen 2	3.17	2574
DDC	Dopa decarboxylase (aromatic L-amino acid decarboxylase)	3.13	1644
SPP1	Secreted phosphoprotein 1 (osteopontin, bone sialoprotein I, early T-lymphocyte activation 1)	3.06	6696
INOC1	INO80 complex homolog 1 (S. cerevisiae)	3.03	54617
PMP22	Peripheral myelin protein 22	3.02	5376
INA	Internexin neuronal intermediate filament protein, alpha	2.99	9118
KCNB1	Potassium voltage-gated channel, Shab-related subfamily, member 1	2.99	3745
LCP1	Lymphocyte cytosolic protein 1 (L-plastin)	2.97	3936
HMBOX1	Homeobox containing 1	2.95	79618
WNT2B	Wingless-type MMTV integration site family, member 2B	2.93	7482
PRM1	Protamine 1	2.93	5619
CD36	CD36 molecule (thrombospondin receptor)	2.92	948
EXT1	Exostoses (multiple) 1	2.89	2131
C6orf111	Chromosome 6 open reading frame 111	2.83	25957
MSX1	Msh homeobox 1	2.81	4487
DCN	Decorin	2.79	1634
ATP1A2	ATPase, Na+/K+ transporting, alpha 2 (+) polypeptide	2.77	477
ADAMTS17	ADAM metallopeptidase with thrombospondin type 1 motif, 17	2.77	170691
LUM	Lumican	2.75	4060
PLG	Plasminogen	2.69	5340
C1S	Complement component 1, s subcomponent	2.67	716
LOC123876	Hypothetical protein LOC123876	2.65	123876
GYPC	Glycophorin C (Gerbich blood group)	2.64	2995
IGF2BP1	Insulin-like growth factor 2 mRNA binding protein 1	2.64	10642
C12orf59	Chromosome 12 open reading frame 59	2.63	120939
GNG2	Guanine nucleotide binding protein (G protein), gamma 2	2.63	54331
GSTA2	Glutathione S-transferase A2	2.63	2939
KIAA0350	KIAA0350	2.62	23274
BRD8	Bromodomain containing 8	2.61	10902
CSF2RB	Colony stimulating factor 2 receptor, beta, low-affinity (granulocyte-macrophage)	2.60	1439
GALNT13	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 13	2.60	114805
ID4	Inhibitor of DNA binding 4, dominant negative helix-loop-helix protein	2.60	3400
ELAVL2	ELAV (embryonic lethal, abnormal vision, Drosophila)-like 2 (Hu antigen B)	2.59	1993
SUHW2	Suppressor of hairy wing homolog 2 (Drosophila)	2.59	140883
APBB2	Amyloid beta (A4) precursor protein-binding, family B, member 2 (Fe65-like)	2.58	323
LOC643143	Hypothetical LOC643143	2.57	643143
ZBTB47	Zinc finger and BTB domain containing 47	2.56	92999
LOC728190	Hypothetical protein LOC728190	2.56	728190
C1orf85	Chromosome 1 open reading frame 85	2.55	112770
FSCN3	Fascin homolog 3, actin-bundling protein, testicular (Strongylocentrotus purpuratus)	2.54	29999
LYN	V-yes-1 Yamaguchi sarcoma viral related oncogene homolog	2.52	4067
PPP1R2P9	Protein phosphatase 1, regulatory (inhibitor) subunit 2 pseudogene 9	2.51	80316
COL3A1	Collagen, type III, alpha 1 (Ehlers-Danlos syndrome type IV, autosomal dominant)	2.51	1281
CMTM7	CKLF-like MARVEL transmembrane domain containing 7	2.50	112616
FLT4	Fms-related tyrosine kinase 4	2.49	2324
RASA2	RAS p21 protein activator 2	2.49	5922
COL6A1	Collagen, type VI, alpha 1	2.47	1291
PYY2	Peptide YY, 2 (seminalplasmin)	2.47	23615
SMG6	Smg-6 homolog, nonsense mediated mRNA decay factor (C. elegans)	2.46	23293
MYBPC1	Myosin binding protein C, slow type	2.46	4604
SGCD	Sarcoglycan, delta (35kDa dystrophin-associated glycoprotein)	2.46	6444
RNF187	Ring finger protein 187	2.45	149603
PEX16	Peroxisomal biogenesis factor 16	2.44	9409
TINAG	Tubulointerstitial nephritis antigen	2.44	27283
SLC4A4	Solute carrier family 4, sodium bicarbonate cotransporter, member 4	2.44	8671
CYGB	Cytoglobin	2.43	114757
MGC11332	Hypothetical protein MGC11332	2.42	84804
IDE	Insulin-degrading enzyme	2.42	3416
HLA-DRA	Major histocompatibility complex, class II, DR alpha	2.42	3122

HLA-DMB	Major histocompatibility complex, class II, DM beta	2.42	3109
KCNJ10	Potassium inwardly-rectifying channel, subfamily J, member 10	2.41	3766
C11orf10	Chromosome 11 open reading frame 10	2.41	746
PRM2	Protamine 2	2.41	5620
NANP	N-acetylneuraminic acid phosphatase	2.40	140838
TOP3A	Topoisomerase (DNA) III alpha	2.39	7156
SFTPA1	Surfactant, pulmonary-associated protein A1	2.39	6435
KIAA1217	KIAA1217	2.39	56243
TTC3	Tetratricopeptide repeat domain 3	2.39	7267
ANKRD1	Ankyrin repeat domain 1 (cardiac muscle)	2.39	27063
ITGA9	Integrin, alpha 9	2.38	3680
RSL1D1	Ribosomal L1 domain containing 1	2.38	26156
SYT6	Synaptotagmin VI	2.37	148281
LOC492311	Similar to bovine IgA regulatory protein	2.36	492311
PARD3	Par-3 partitioning defective 3 homolog (C. elegans)	2.36	56288
RSNL2	Restin-like 2	2.35	79745
SIGLEC5	Sialic acid binding Ig-like lectin 5	2.35	8778
CLDN11	Claudin 11 (oligodendrocyte transmembrane protein)	2.35	5010
ZG16	Zymogen granule protein 16	2.35	123887
MAN2C1	Mannosidase, alpha, class 2C, member 1	2.35	4123
GSG2	Germ cell associated 2 (haspin)	2.35	83903
TF	Transferrin	2.34	7018
PAIP2	Poly(A) binding protein interacting protein 2	2.34	51247
CLCNKA	Chloride channel Ka	2.34	1187
ACPP	Acid phosphatase, prostate	2.34	55
GCLC	Glutamate-cysteine ligase, catalytic subunit	2.33	2729
L1CAM	L1 cell adhesion molecule	2.33	3897
TDRD7	Tudor domain containing 7	2.33	23424
LOC647057	Similar to carbonic anhydrase VA, mitochondrial precursor	2.32	647057
BHMT2	Betaine-homocysteine methyltransferase 2	2.32	23743
KRT25	Keratin 25	2.31	147183
SMCP	Sperm mitochondria-associated cysteine-rich protein	2.31	4184
DCUN1D4	DCN1, defective in cullin neddylation 1, domain containing 4 (S. cerevisiae)	2.30	23142
IGF2BP3	Insulin-like growth factor 2 mRNA binding protein 3	2.30	10643
ALKBH8	AlkB, alkylation repair homolog 8 (E. coli)	2.30	91801
IRF1	Interferon regulatory factor 1	2.30	3659
VSTM1	V-set and transmembrane domain containing 1	2.30	284415
PECAM1	Platelet/endothelial cell adhesion molecule (CD31 antigen)	2.30	5175
HMP19	HMP19 protein	2.29	51617
CSF3R	Colony stimulating factor 3 receptor (granulocyte)	2.29	1441
RNF32	Ring finger protein 32	2.29	140545
POLA2	Polymerase (DNA directed), alpha 2 (70kD subunit)	2.29	23649
PFDN6	Prefoldin subunit 6	2.29	10471
RAD21	RAD21 homolog (S. pombe)	2.29	5885
SASS6	Spindle assembly 6 homolog (C. elegans)	2.29	163786
TNFRSF1A	Tumor necrosis factor receptor superfamily, member 1A	2.29	7132
SYCP1	Synaptonemal complex protein 1	2.28	6847
UBE3B	Ubiquitin protein ligase E3B	2.28	89910
SLCO4A1	Solute carrier organic anion transporter family, member 4A1	2.28	28231
DPP6	Dipeptidyl-peptidase 6	2.28	1804
TMEM81	Transmembrane protein 81	2.28	388730
ELN	Elastin (supravalvular aortic stenosis, Williams-Beuren syndrome)	2.28	2006
COL5A1	Collagen, type V, alpha 1	2.28	1289
TCF1	Transcription factor 1, hepatic; LF-B1, hepatic nuclear factor (HNF1), albumin proximal factor	2.28	6927
THRAP2	Thyroid hormone receptor associated protein 2	2.27	23389
C4orf7	Chromosome 4 open reading frame 7	2.27	260436
TTYH2	Tweety homolog 2 (Drosophila)	2.26	94015
DNAH11	Dynein, axonemal, heavy chain 11	2.26	8701
SAT2	Spermidine/spermine N1-acetyltransferase 2	2.26	112483
SCML4	Sex comb on midleg-like 4 (Drosophila)	2.26	256380
KIAA1005	KIAA1005 protein	2.25	23322
ACTL8	Actin-like 8	2.25	81569
FGD3	FYVE, RhoGEF and PH domain containing 3	2.25	89846
TFAP4	Transcription factor AP-4 (activating enhancer binding protein 4)	2.25	7023
CTSB	Cathepsin B	2.25	1508
ITIH4	Inter-alpha (globulin) inhibitor H4 (plasma Kallikrein-sensitive glycoprotein)	2.24	3700
COL1A2	Collagen, type I, alpha 2	2.24	1278
SLC44A2	Solute carrier family 44, member 2	2.24	57153
MYEF2	Myelin expression factor 2	2.24	50804
YWHAG	Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein	2.24	7532
C1R	Complement component 1, r subcomponent	2.24	715

CHRD	Chordin	2.23	8646
RPL11	Ribosomal protein L11	2.23	6135
CUTL1	Cut-like 1, CCAAT displacement protein (Drosophila)	2.23	1523
STX5	Syntaxin 5	2.23	6811
CTDSPL	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase-like	2.23	10217
MED25	Mediator of RNA polymerase II transcription, subunit 25 homolog (S. cerevisiae)	2.23	81857
NEURL	Neuralized homolog (Drosophila)	2.22	9148
ANXA13	Annexin A13	2.22	312
SYN2	Synapsin II	2.22	6854
TMED5	Transmembrane emp24 protein transport domain containing 5	2.22	50999
ECE1	Endothelin converting enzyme 1	2.22	1889
IL2RA	Interleukin 2 receptor, alpha	2.22	3559
LOC645676	Hypothetical LOC645676	2.21	645676
C20orf30	Chromosome 20 open reading frame 30	2.21	29058
PADI2	Peptidyl arginine deiminase, type II	2.21	11240
NXPH4	Neurexophilin 4	2.21	11247
CD207	CD207 molecule, langerin	2.21	50489
IL28RA	Interleukin 28 receptor, alpha (interferon, lambda receptor)	2.21	163702
CRIP1	Cysteine-rich protein 1 (intestinal)	2.21	1396
GRM3	Glutamate receptor, metabotropic 3	2.20	2913
C7	Complement component 7	2.20	730
ATXN2L	Ataxin 2-like	2.20	11273
C19orf57	Chromosome 19 open reading frame 57	2.20	79173
TMEM156	Transmembrane protein 156	2.20	80008
SMYD5	SMYD family member 5	2.20	10322
ADRBK2	Adrenergic, beta, receptor kinase 2	2.20	157
SLC22A9	Solute carrier family 22 (organic anion/cation transporter), member 9	2.20	114571
C7	Complement component 7	2.20	730
RIF1	RAP1 interacting factor homolog (yeast)	2.20	55183
SC4MOL	Sterol-C4-methyl oxidase-like	2.19	6307
PDLIM3	PDZ and LIM domain 3	2.19	27295
MEF2C	MADS box transcription enhancer factor 2, polypeptide C (myocyte enhancer factor 2C)	2.19	4208
DFFA	DNA fragmentation factor, 45kDa, alpha polypeptide	2.19	1676
NPLOC4	Nuclear protein localization 4 homolog (S. cerevisiae)	2.19	55666
PAK2	P21 (CDKN1A)-activated kinase 2	2.19	5062
LHX2	LIM homeobox 2	2.18	9355
APAF1	Apoptotic peptidase activating factor 1	2.18	317
LOC283481	Hypothetical protein LOC283481	2.18	283481
NRXN3	Neurexin 3	2.18	9369
LASS5	LAG1 homolog, ceramide synthase 5 (S. cerevisiae)	2.18	91012
FGD2	FYVE, RhoGEF and PH domain containing 2	2.18	221472
MYST1	MYST histone acetyltransferase 1	2.17	84148
MGC26733	Hypothetical protein MGC26733	2.17	200403
SLC25A23	Solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 23	2.17	79085
PAPD4	PAP associated domain containing 4	2.17	167153
C9orf164	Chromosome 9 open reading frame 164	2.17	349236
ZNF83	Zinc finger protein 83	2.17	55769
GPR120	G protein-coupled receptor 120	2.17	338557
NUSAP1	Nucleolar and spindle associated protein 1	2.16	51203
MNDA	Myeloid cell nuclear differentiation antigen	2.16	4332
PIK3C2A	Phosphoinositide-3-kinase, class 2, alpha polypeptide	2.16	5286
MERTK	C-mer proto-oncogene tyrosine kinase	2.15	10461
GEM	GTP binding protein overexpressed in skeletal muscle	2.15	2669
FBP1	Fructose-1,6-bisphosphatase 1	2.15	2203
CDH3	Cadherin 3, type 1, P-cadherin (placental)	2.15	1001
TMEM64	Transmembrane protein 64	2.15	169200
ZNF718	Zinc finger protein 718	2.15	255403
FLJ45743	Hypothetical protein LOC642484	2.15	642484
THAP1	THAP domain containing, apoptosis associated protein 1	2.15	55145
HOXB13	Homeobox B13	2.15	10481
HLA-DPB1	Major histocompatibility complex, class II, DP beta 1	2.15	3115
LRP2BP	LRP2 binding protein	2.14	55805
GRIK1	Glutamate receptor, ionotropic, kainate 1	2.14	2897
LANCL2	LanC lantibiotic synthetase component C-like 2 (bacterial)	2.14	55915
LST1	Leukocyte specific transcript 1	2.14	7940
SLN	Sarcolipin	2.14	6588
SLC2A4	Solute carrier family 2 (facilitated glucose transporter), member 4	2.14	6517
DCN	Decorin	2.14	1634
C1orf183	Chromosome 1 open reading frame 183	2.14	55924
C16orf68	Chromosome 16 open reading frame 68	2.14	79091
C21orf62	Chromosome 21 open reading frame 62	2.13	56245

MT1G	Metallothionein 1G	2.13	4495
ARFGEF1	ADP-ribosylation factor guanine nucleotide-exchange factor 1(brefeldin A-inhibited)	2.13	10565
SYNPO2	Synaptopodin 2	2.13	171024
ATP5E	ATP synthase, H+ transporting, mitochondrial F1 complex, epsilon subunit	2.13	514
KAL1	Kallmann syndrome 1 sequence	2.13	3730
PART1	Prostate androgen-regulated transcript 1	2.12	25859
UROS	Uroporphyrinogen III synthase (congenital erythropoietic porphyria)	2.12	7390
ZNF33A	Zinc finger protein 33A	2.12	7581
LOC729440	Hypothetical protein LOC729440	2.12	729440
CBS	Cystathionine-beta-synthase	2.12	875
TMEM65	Transmembrane protein 65	2.12	157378
FBP1	Fructose-1,6-bisphosphatase 1	2.12	2203
CRADD	CASP2 and RIPK1 domain containing adaptor with death domain	2.12	8738
LOC646241	Hypothetical protein LOC646241	2.12	646241
RNH1	Ribonuclease/angiogenin inhibitor 1	2.11	6050
MCM5	MCM5 minichromosome maintenance deficient 5, cell division cycle 46 (S. cerevisiae)	2.11	4174
PRODH	Proline dehydrogenase (oxidase) 1	2.11	5625
IKIP	IKK interacting protein	2.11	121457
COL28A1	Collagen, type XXVIII, alpha 1	2.11	340267
LOC653820	Similar to family with sequence similarity 72, member A	2.11	653820
RBP5	Retinol binding protein 5, cellular	2.11	83758
WWP2	WW domain containing E3 ubiquitin protein ligase 2	2.11	11060
LGALS2	Lectin, galactoside-binding, soluble, 2 (galectin 2)	2.10	3957
CEND1	Cell cycle exit and neuronal differentiation 1	2.10	51286
POLH	Polymerase (DNA directed), eta	2.10	5429
UVRAG	UV radiation resistance associated gene	2.10	7405
TCBA1	T-cell lymphoma breakpoint associated target 1	2.10	154215
GCHFR	GTP cyclohydrolase I feedback regulator	2.10	2644
ARSE	Arylsulfatase E (chondrodysplasia punctata 1)	2.10	415
C1orf167	Chromosome 1 open reading frame 167	2.09	284498
C1orf45	Chromosome 1 open reading frame 45	2.09	448834
UGT2B10	UDP glucuronosyltransferase 2 family, polypeptide B10	2.09	7365
ELAVL2	ELAV (embryonic lethal, abnormal vision, Drosophila)-like 2 (Hu antigen B)	2.09	1993
NUCB1	Nucleobindin 1	2.09	4924
GK	Glycerol kinase	2.09	2710
VASP	Vasodilator-stimulated phosphoprotein	2.09	7408
NR4A1	Nuclear receptor subfamily 4, group A, member 1	2.08	3164
C4orf36	Chromosome 4 open reading frame 36	2.08	132989
PRLR	Prolactin receptor	2.08	5618
OLFML2B	Olfactomedin-like 2B	2.08	25903
C14orf45	Chromosome 14 open reading frame 45	2.08	80127
GPATC4	G patch domain containing 4	2.08	54865
LOC285986	Hypothetical protein LOC285986	2.08	285986
FRAT1	Frequently rearranged in advanced T-cell lymphomas	2.08	10023
BTBD5	BTB (POZ) domain containing 5	2.08	54813
RNF121	Ring finger protein 121	2.08	55298
CBLB	Cas-Br-M (murine) ecotropic retroviral transforming sequence b	2.08	868
RHOF	Ras homolog gene family, member F (in filopodia)	2.08	54509
FLJ44894	Similar to zinc finger protein 91	2.07	664701
FZD10	Frizzled homolog 10 (Drosophila)	2.07	11211
PRG2	Proteoglycan 2, bone marrow (natural killer cell activator, eosinophil granule major basic protein)	2.07	5553
SLC43A2	Solute carrier family 43, member 2	2.07	124935
C14orf131	Chromosome 14 open reading frame 131	2.07	55778
CPNE1	Copine I	2.07	8904
ZNF564	Zinc finger protein 564	2.07	163050
POMT1	Protein-O-mannosyltransferase 1	2.07	10585
CCDC40	Coiled-coil domain containing 40	2.07	55036
PDK3	Pyruvate dehydrogenase kinase, isozyme 3	2.07	5165
RCCD1	RCC1 domain containing 1	2.07	91433
IRF2BP1	Interferon regulatory factor 2 binding protein 1	2.06	26145
ANAPC7	Anaphase promoting complex subunit 7	2.06	51434
NTN1	Netrin 1	2.06	9423
LOC644596	Hypothetical LOC644596	2.06	644596
ARPP-21	Cyclic AMP-regulated phosphoprotein, 21 kD	2.06	10777
CDON	Cdon homolog (mouse)	2.06	50937
LOC374973	LOC374973	2.06	374973
FKBP15	FK506 binding protein 15, 133kDa	2.06	23307
LRP1	Low density lipoprotein-related protein 1 (alpha-2-macroglobulin receptor)	2.05	4035
SLC7A9	Solute carrier family 7 (cationic amino acid transporter, y+ system), member 9	2.05	11136
BRD4	Bromodomain containing 4	2.05	23476
PPFIA2	Protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein, alpha 2	2.05	8499

ZNF655	Zinc finger protein 655	2.05	79027
FLJ35530	FLJ35530 protein	2.05	400798
PRKCG	Protein kinase C, gamma	2.05	5582
CTNND2	Catenin (cadherin-associated protein), delta 2 (neural plakophilin-related arm-repeat protein)	2.05	1501
ZNF423	Zinc finger protein 423	2.05	23090
SLC25A16	Solute carrier family 25 (mitochondrial carrier; Graves disease autoantigen), member 16	2.05	8034
VIT	Vitrin	2.05	5212
LRRC17	Leucine rich repeat containing 17	2.04	10234
SCLY	Selenocysteine lyase	2.04	51540
ABCB8	ATP-binding cassette, sub-family B (MDR/TAP), member 8	2.04	11194
SLC6A1	Solute carrier family 6 (neurotransmitter transporter, GABA), member 1	2.04	6529
IKZF1	IKAROS family zinc finger 1 (Ikaros)	2.04	10320
TTLL1	Tubulin tyrosine ligase-like family, member 1	2.04	25809
SLIT2	Slit homolog 2 (Drosophila)	2.04	9353
MT1A	Metallothionein 1A (functional)	2.04	4489
ETS2	V-ets erythroblastosis virus E26 oncogene homolog 2 (avian)	2.03	2114
C17orf53	Chromosome 17 open reading frame 53	2.03	78995
GCM1	Glial cells missing homolog 1 (Drosophila)	2.03	8521
SCIN	Scinderin	2.03	85477
ZNF347	Zinc finger protein 347	2.03	84671
ARHGAP26	Rho GTPase activating protein 26	2.02	23092
KIAA1274	KIAA1274	2.02	27143
RNASE11	Ribonuclease, RNase A family, 11 (non-active)	2.02	122651
TXNRD3	Thioredoxin reductase 3	2.02	114112
ZC3H5	Zinc finger CCCH-type containing 5	2.02	85451
TRPM3	Transient receptor potential cation channel, subfamily M, member 3	2.02	80036
IFNAR2	Interferon (alpha, beta and omega) receptor 2	2.02	3455
FGD2	FYVE, RhoGEF and PH domain containing 2	2.02	221472
FGFR1OP2	FGFR1 oncogene partner 2	2.02	26127
EDIL3	EGF-like repeats and discoidin I-like domains 3	2.02	10085
HPS1	Hermansky-Pudlak syndrome 1	2.02	3257
TRIM16	Tripartite motif-containing 16	2.02	10626
TIAM1	T-cell lymphoma invasion and metastasis 1	2.01	7074
MBD4	Methyl-CpG binding domain protein 4	2.01	8930
KLHL24	Kelch-like 24 (Drosophila)	2.01	54800
BUD31	BUD31 homolog (yeast)	2.01	8896
KRT86	Keratin 86	2.01	3892
SCAMP2	Secretory carrier membrane protein 2	2.01	10066
C5orf35	Chromosome 5 open reading frame 35	2.01	133383
FLJ10781	Hypothetical protein FLJ10781	2.01	55228
GDAP2	Ganglioside induced differentiation associated protein 2	2.00	54834
KCNQ2	Potassium voltage-gated channel, KQT-like subfamily, member 2	2.00	3785
BCL11A	B-cell CLL/lymphoma 11A (zinc finger protein)	2.00	53335
INSL3	Insulin-like 3 (Leydig cell)	2.00	3640
C1RL	Complement component 1, r subcomponent-like	2.00	51279
COG8	Component of oligomeric golgi complex 8	2.00	84342
EPC1	Enhancer of polycomb homolog 1 (Drosophila)	2.00	80314
FLJ34077	Weakly similar to zinc finger protein 195	2.00	404033
BTN1A1	Butyrophilin, subfamily 1, member A1	2.00	696
CDC27	Cell division cycle 27 homolog (S. cerevisiae)	2.00	996
ZNF277P	Zinc finger protein 277 pseudogene	1.99	11179
REEP5	Receptor accessory protein 5	1.99	7905
WASF2	WAS protein family, member 2	1.99	10163
TAF1C	TATA box binding protein (TBP)-associated factor, RNA polymerase I, C, 110kDa	1.99	9013
ITGAM	Integrin, alpha M (complement component 3 receptor 3 subunit)	1.99	3684
C12orf32	Chromosome 12 open reading frame 32	1.99	83695
UTRN	Utrophin (homologous to dystrophin)	1.99	7402
SESN3	Sestrin 3	1.99	143686
CSPG2	Chondroitin sulfate proteoglycan 2 (versican)	1.99	1462
LOC727869	Hypothetical protein LOC727869	1.99	727869
HSD17B2	Hydroxysteroid (17-beta) dehydrogenase 2	1.99	3294
SYT11	Synaptotagmin XI	1.99	23208
FAM125B	Family with sequence similarity 125, member B	1.99	89853
GYPB	Glycophorin B (MNS blood group)	1.98	2994
PXK	PX domain containing serine/threonine kinase	1.98	54899
TGM4	Transglutaminase 4 (prostate)	1.98	7047
FIS1	Fission 1 (mitochondrial outer membrane) homolog (S. cerevisiae)	1.98	51024
BLOC1S1	Biogenesis of lysosome-related organelles complex-1, subunit 1	1.98	2647
HPS4	Hermansky-Pudlak syndrome 4	1.98	89781
SDC4	Syndecan 4 (amphiglycan, ryudocan)	1.98	6385
C15orf42	Chromosome 15 open reading frame 42	1.97	90381

BAD	BCL2-antagonist of cell death	1.97	572
CLN3	Ceroid-lipofuscinosis, neuronal 3, juvenile (Batten, Spielmeyer-Vogt disease)	1.97	1201
LOC731030	Similar to CG31122-PA	1.97	731030
C9orf103	Chromosome 9 open reading frame 103	1.97	414328
GENX-3414	Genethonin 1	1.97	8987
SDSL	Serine dehydratase-like	1.97	113675
TREML3	Triggering receptor expressed on myeloid cells-like 3	1.97	340206
ZNF418	Zinc finger protein 418	1.97	147686
DYM	Dymeclin	1.97	54808
LRRC39	Leucine rich repeat containing 39	1.97	127495
COL4A2	Collagen, type IV, alpha 2	1.97	1284
CHGA	Chromogranin A (parathyroid secretory protein 1)	1.96	1113
ANXA6	Annexin A6	1.96	309
MAP4	Microtubule-associated protein 4	1.96	4134
CD99L2	CD99 molecule-like 2	1.96	83692
ACVR1B	Activin A receptor, type IB	1.96	91
SLC2A8	Solute carrier family 2, (facilitated glucose transporter) member 8	1.96	29988
GYPB	Glycophorin B (MNS blood group)	1.96	2994
CSMD1	CUB and Sushi multiple domains 1	1.96	64478
C1QTNF3	C1q and tumor necrosis factor related protein 3	1.96	114899
CCDC46	Coiled-coil domain containing 46	1.95	201134
S100A4	S100 calcium binding protein A4	1.95	6275
ITPKB	Inositol 1,4,5-trisphosphate 3-kinase B	1.95	3707
PRRG2	Proline rich Gla (G-carboxyglutamic acid) 2	1.95	5639
TNIP2	TNFAIP3 interacting protein 2	1.95	79155
ERP29	Endoplasmic reticulum protein 29	1.95	10961
CSMD2	CUB and Sushi multiple domains 2	1.95	114784
FCRL5	Fc receptor-like 5	1.95	83416
CHPF	Chondroitin polymerizing factor	1.95	79586
LOC90925	Hypothetical protein LOC90925	1.95	90925
RP11-262H14	Hypothetical protein MGC21881	1.95	389741
FAM45A	Family with sequence similarity 45, member A	1.95	404636
YY1	YY1 transcription factor	1.95	7528
IGHG1	Immunoglobulin heavy constant gamma 1 (G1m marker)	1.94	3500
BMPR2	Bone morphogenetic protein receptor, type II (serine/threonine kinase)	1.94	659
LRFN3	Leucine rich repeat and fibronectin type III domain containing 3	1.94	79414
DOK1	Docking protein 1, 62kDa (downstream of tyrosine kinase 1)	1.94	1796
FAM112A	Family with sequence similarity 112, member A	1.94	149699
TMOD2	Tropomodulin 2 (neuronal)	1.94	29767
LRRC51	Leucine rich repeat containing 51	1.94	220074
SLC39A10	Solute carrier family 39 (zinc transporter), member 10	1.94	57181
PLEKHO1	Pleckstrin homology domain containing, family O member 1	1.94	51177
VTI1A	Vesicle transport through interaction with t-SNAREs homolog 1A (yeast)	1.93	143187
CH25H	Cholesterol 25-hydroxylase	1.93	9023
RFTN2	Raftlin family member 2	1.93	130132
LOC255458	Hypothetical protein LOC255458	1.93	255458
PA2G4	Proliferation-associated 2G4, 38kDa	1.93	5036
HBA1	Hemoglobin, alpha 1	1.92	3039
RABGAP1L	RAB GTPase activating protein 1-like	1.92	9910
C3orf52	Chromosome 3 open reading frame 52	1.92	79669
TMEM118	Transmembrane protein 118	1.92	84900
ANK3	Ankyrin 3, node of Ranvier (ankyrin G)	1.92	288
NUCB2	Nucleobindin 2	1.92	4925
PRCC	Papillary renal cell carcinoma (translocation-associated)	1.92	5546
BMPR2	Bone morphogenetic protein receptor, type II (serine/threonine kinase)	1.92	659
PVRL3	Poliovirus receptor-related 3	1.92	25945
MARK1	MAP/microtubule affinity-regulating kinase 1	1.92	4139
FCGRT	Fc fragment of IgG, receptor, transporter, alpha	1.91	2217
TRA@	T cell receptor alpha locus	1.91	6955
UNC119	Unc-119 homolog (C. elegans)	1.91	9094
VPS41	Vacuolar protein sorting 41 (yeast)	1.91	27072
MRPS27	Mitochondrial ribosomal protein S27	1.91	23107
CCND1	Cyclin D1	1.91	595
FSTL1	Follistatin-like 1	1.91	11167
KIAA2026	KIAA2026	1.90	158358
ARHGAP17	Rho GTPase activating protein 17	1.90	55114
CDH9	Cadherin 9, type 2 (T1-cadherin)	1.90	1007
SON	SON DNA binding protein	1.90	6651
PARP12	Poly (ADP-ribose) polymerase family, member 12	1.90	64761
C1QA	Complement component 1, q subcomponent, A chain	1.90	712
ZMYM6	Zinc finger, MYM-type 6	1.90	9204

ACBD6	Acyl-Coenzyme A binding domain containing 6	1.90	84320
POSTN	Periostin, osteoblast specific factor	1.90	10631
LOC148709	Actin pseudogene	1.90	148709
PIB5PA	Phosphatidylinositol (4,5) bisphosphate 5-phosphatase, A	1.90	27124
LOC148987	Hypothetical protein LOC148987	1.90	148987
MPP4	Membrane protein, palmitoylated 4 (MAGUK p55 subfamily member 4)	1.90	58538
TFB1M	Transcription factor B1, mitochondrial	1.89	51106
LOC647099	Similar to 60S ribosomal protein L23a	1.89	647099
ZFHX1B	Zinc finger homeobox 1b	1.89	9839
PFAAP5	Phosphonoformate immuno-associated protein 5	1.89	10443
MGC13057	Hypothetical protein MGC13057	1.89	84281
DKFZp779M0	Hypothetical protein DKFZp779M0652	1.89	374387
RREB1	Ras responsive element binding protein 1	1.89	6239
DHX38	DEAH (Asp-Glu-Ala-His) box polypeptide 38	1.89	9785
DOK6	Docking protein 6	1.89	220164
FAM27A	Family with sequence similarity 27, member A	1.89	548321
ARHGDIG	Rho GDP dissociation inhibitor (GDI) gamma	1.89	398
FNDC8	Fibronectin type III domain containing 8	1.88	54752
LOC728705	Hypothetical protein LOC728705	1.88	728705
SPTA1	Spectrin, alpha, erythrocytic 1 (elliptocytosis 2)	1.88	6708
BAX	BCL2-associated X protein	1.87	581
MEN1	Multiple endocrine neoplasia I	1.87	4221
NAT12	N-acetyltransferase 12	1.87	122830
TNIK	TRAF2 and NCK interacting kinase	1.87	23043
KIF1B	Kinesin family member 1B	1.87	23095
CA11	Carbonic anhydrase XI	1.87	770
NRP2	Neuropilin 2	1.87	8828
FLJ37953	Hypothetical protein FLJ37953	1.87	129450
ZNF652	Zinc finger protein 652	1.87	22834
WWC2	WW and C2 domain containing 2	1.87	80014
MEG3	Maternally expressed 3	1.87	55384
NEIL3	Nei endonuclease VIII-like 3 (E. coli)	1.86	55247
WWP1	WW domain containing E3 ubiquitin protein ligase 1	1.86	11059
ANKRD24	Ankyrin repeat domain 24	1.86	170961
TGFB1	Transforming growth factor, beta 1 (Camurati-Engelmann disease)	1.86	7040
EMP2	Epithelial membrane protein 2	1.86	2013
ASF1A	ASF1 anti-silencing function 1 homolog A (S. cerevisiae)	1.86	25842
TRIM69	Tripartite motif-containing 69	1.86	140691
SYK	Spleen tyrosine kinase	1.85	6850
MGP	Matrix Gla protein	1.85	4256
EP300	E1A binding protein p300	1.85	2033
FOXF2	Forkhead box F2	1.85	2295
SART1	Squamous cell carcinoma antigen recognised by T cells	1.85	9092
MEF2A	MADS box transcription enhancer factor 2, polypeptide A (myocyte enhancer factor 2A)	1.85	4205
LOC643837	Hypothetical protein LOC643837	1.85	643837
ZBTB44	Zinc finger and BTB domain containing 44	1.85	29068
DNER	Delta/notch-like EGF repeat containing	1.84	92737
HMGA2	High mobility group AT-hook 2	1.84	8091
DLEU1	Deleted in lymphocytic leukemia, 1	1.84	10301
A2M	Alpha-2-macroglobulin	1.84	2
STARD13	START domain containing 13	1.84	90627
C6orf35	Chromosome 6 open reading frame 35	1.84	55836
PCBP2	Poly(rC) binding protein 2	1.84	5094
FAM107A	Family with sequence similarity 107, member A	1.84	11170
C20orf94	Chromosome 20 open reading frame 94	1.83	128710
E2F2	E2F transcription factor 2	1.83	1870
HSD11B2	Hydroxysteroid (11-beta) dehydrogenase 2	1.83	3291
MTDH	Metadherin	1.83	92140
ZNF224	Zinc finger protein 224	1.83	7767
SNIP1	Smad nuclear interacting protein 1	1.82	79753
GAP43	Growth associated protein 43	1.82	2596
OPRL1	Opiate receptor-like 1	1.82	4987
SCYL3	SCY1-like 3 (S. cerevisiae)	1.82	57147
EDNRA	Endothelin receptor type A	1.82	1909
LOC152485	Hypothetical protein LOC152485	1.82	152485
TIMM50	Translocase of inner mitochondrial membrane 50 homolog (S. cerevisiae)	1.82	92609
ZNF564	Zinc finger protein 564	1.82	163050
GEM	GTP binding protein overexpressed in skeletal muscle	1.81	2669
CHST12	Carbohydrate (chondroitin 4) sulfotransferase 12	1.81	55501
ROBO1	Roundabout, axon guidance receptor, homolog 1 (Drosophila)	1.81	6091
ANKFY1	Ankyrin repeat and FYVE domain containing 1	1.81	51479

C14orf72	Chromosome 14 open reading frame 72	1.81	145200
PABPN1	Poly(A) binding protein, nuclear 1	1.81	8106
FKBP9	FK506 binding protein 9, 63 kDa	1.81	11328
TFCP2	Transcription factor CP2	1.81	7024
DUSP12	Dual specificity phosphatase 12	1.80	11266
CASC2	Cancer susceptibility candidate 2	1.80	255082
RIPK1	Receptor (TNFRSF)-interacting serine-threonine kinase 1	1.80	8737
ALKBH1	AlkB, alkylation repair homolog 1 (E. coli)	1.80	8846
APEX2	APEX nuclease (apurinic/apyrimidinic endonuclease) 2	1.80	27301
GBE1	Glucan (1,4-alpha-), branching enzyme 1	1.80	2632
FANCG	Fanconi anemia, complementation group G	1.79	2189
THRB	Thyroid hormone receptor, beta (erythroblastic leukemia viral (v-erb-a) oncogene homolog 2, avian)	1.79	7068
MT1X	Metallothionein 1X	1.79	4501
FAM112B	Family with sequence similarity 112, member B	1.79	121355
PNKD	Paroxysmal nonkinesiogenic dyskinesia	1.79	25953
TBC1D2B	TBC1 domain family, member 2B	1.79	23102
LOC651370	Similar to a disintegrin and metalloprotease domain 3 (cyritestin)	1.79	651370
TBC1D16	TBC1 domain family, member 16	1.79	125058
MTERFD3	MTERF domain containing 3	1.79	80298
PPARD	Peroxisome proliferator-activated receptor delta	1.78	5467
GGTLA1	Gamma-glutamyltransferase-like activity 1	1.78	2687
PRKCE	Protein kinase C, epsilon	1.78	5581
CFHR1	Complement factor H-related 1	1.78	3078
OTUD5	OTU domain containing 5	1.78	55593
MSI2	Musashi homolog 2 (Drosophila)	1.78	124540
SFTPD	Surfactant, pulmonary-associated protein D	1.78	6441
SRM	Spermidine synthase	1.77	6723
STIP1	Stress-induced-phosphoprotein 1 (Hsp70/Hsp90-organizing protein)	1.77	10963
SLC7A5	Solute carrier family 7 (cationic amino acid transporter, y+ system), member 5	1.77	8140
IFITM1	Interferon induced transmembrane protein 1 (9-27)	1.77	8519
UBTF	Upstream binding transcription factor, RNA polymerase I	1.77	7343
TGFB1I1	Transforming growth factor beta 1 induced transcript 1	1.77	7041
SLC25A36	Solute carrier family 25, member 36	1.77	55186
PIK3AP1	Phosphoinositide-3-kinase adaptor protein 1	1.77	118788
KIAA0141	KIAA0141	1.77	9812
SLC22A8	Solute carrier family 22 (organic anion transporter), member 8	1.76	9376
PTPN3	Protein tyrosine phosphatase, non-receptor type 3	1.76	5774
CCDC126	Coiled-coil domain containing 126	1.76	90693
DHX33	DEAH (Asp-Glu-Ala-His) box polypeptide 33	1.76	56919
FARSLA	Phenylalanine-tRNA synthetase-like, alpha subunit	1.76	2193
LOC643367	Region containing SMA4; hypothetical protein LOC153561	1.75	643367
TNP1	Transition protein 1 (during histone to protamine replacement)	1.75	7141
FRMD4B	FERM domain containing 4B	1.75	23150
PRMT1	Protein arginine methyltransferase 1	1.75	3276
NISCH	Nischarin	1.75	11188
FLCN	Folliculin	1.75	201163
C8orf77	Chromosome 8 open reading frame 77	1.75	286103
RXRB	Retinoid X receptor, beta	1.74	6257
PDHA2	Pyruvate dehydrogenase (lipoamide) alpha 2	1.74	5161
PRSS1	Protease, serine, 1 (trypsin 1)	1.74	5644
FLJ20160	FLJ20160 protein	1.74	54842
RAB35	RAB35, member RAS oncogene family	1.74	11021
MASP1	Mannan-binding lectin serine peptidase 1 (C4/C2 activating component of Ra-reactive factor)	1.74	5648
STAT3	Signal transducer and activator of transcription 3 (acute-phase response factor)	1.74	6774
DPH5	DPH5 homolog (S. cerevisiae)	1.73	51611
ACTN1	Actinin, alpha 1	1.73	87
KIAA1900	KIAA1900	1.73	114792
CLGN	Calmegin	1.73	1047
TMEM22	Transmembrane protein 22	1.73	80723
KIAA0922	KIAA0922	1.73	23240
TEAD2	TEA domain family member 2	1.72	8463
TMC4	Transmembrane channel-like 4	1.72	147798
IFT74	Intraflagellar transport 74 homolog (Chlamydomonas)	1.72	80173
APBA2BP	Amyloid beta (A4) precursor protein-binding, family A, member 2 binding protein	1.72	63941
LST1	Leukocyte specific transcript 1	1.72	7940
ROPN1	Ropporin, rhophilin associated protein 1	1.72	54763
EFCBP2	EF-hand calcium binding protein 2	1.72	54550
CEACAM7	Carcinoembryonic antigen-related cell adhesion molecule 7	1.72	1087
TIMELESS	Timeless homolog (Drosophila)	1.72	8914
CIDEC	Cell death-inducing DFFA-like effector c	1.72	63924
C17orf69	Chromosome 17 open reading frame 69	1.71	147081

SPARCL1	SPARC-like 1 (mast9, hevin)	1.71	8404
DDEF1	Development and differentiation enhancing factor 1	1.71	50807
B4GALT5	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 5	1.70	9334
FLJ44606	Hypothetical gene supported by AK126569	1.70	401207
HTR6	5-hydroxytryptamine (serotonin) receptor 6	1.70	3362
ATPBD1B	ATP binding domain 1 family, member B	1.70	54707
VSIG9	V-set and immunoglobulin domain containing 9	1.70	201633
LOC286094	Hypothetical protein LOC286094	1.70	286094
MLL5	Myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax homolog, Drosophila)	1.70	55904
ARPP-21	Cyclic AMP-regulated phosphoprotein, 21 kD	1.70	10777
PDE6H	Phosphodiesterase 6H, cGMP-specific, cone, gamma	1.70	5149
RP11-50D16.1	Similar to RIKEN cDNA 8030451K01	1.69	387921
WHSC1	Wolf-Hirschhorn syndrome candidate 1	1.69	7468
GNL1	Guanine nucleotide binding protein-like 1	1.69	2794
LOC729583	Chromosome 6 open reading frame 100	1.69	729583
EHMT1	Euchromatic histone-lysine N-methyltransferase 1	1.69	79813
CRISP2	Cysteine-rich secretory protein 2	1.69	7180
EFNA5	Ephrin-A5	1.68	1946
ARHGAP1	Rho GTPase activating protein 1	1.68	392
CYorf15B	Chromosome Y open reading frame 15B	1.68	84663
ITSN1	Intersectin 1 (SH3 domain protein)	1.68	6453
ZNF672	Zinc finger protein 672	1.68	79894
RAGE	Renal tumor antigen	1.68	5891
MAP3K2	Mitogen-activated protein kinase kinase kinase 2	1.68	10746
SUPT5H	Suppressor of Ty 5 homolog (S. cerevisiae)	1.68	6829
DEFB127	Defensin, beta 127	1.68	140850
ARPM1	Actin related protein M1	1.68	84517
LOC729306	Hypothetical protein LOC729306	1.68	729306
GABBR1	Gamma-aminobutyric acid (GABA) B receptor, 1	1.68	2550
MEG3	Maternally expressed 3	1.68	55384
RBM23	RNA binding motif protein 23	1.68	55147
GPR82	G protein-coupled receptor 82	1.67	27197
MUC15	Mucin 15, cell surface associated	1.67	143662
INCENP	Inner centromere protein antigens 135/155kDa	1.67	3619
FLJ38984	Hypothetical protein FLJ38984	1.66	127703
ZNF638	Zinc finger protein 638	1.66	27332
FUS	Fusion (involved in t(12;16) in malignant liposarcoma)	1.66	2521
LAMP1	Lysosomal-associated membrane protein 1	1.66	3916
TPCN2	Two pore segment channel 2	1.66	219931
C8orf30A	Chromosome 8 open reading frame 30A	1.65	51236
NF1	Neurofibromin 1 (neurofibromatosis, von Recklinghausen disease, Watson disease)	1.65	4763
SNTA1	Syntrophin, alpha 1 (dystrophin-associated protein A1, 59kDa, acidic component)	1.65	6640
KIAA1604	KIAA1604 protein	1.64	57703
CSTF2	Cleavage stimulation factor, 3' pre-RNA, subunit 2, 64kDa	1.64	1478
CNOT6L	CCR4-NOT transcription complex, subunit 6-like	1.64	246175
COMMD10	COMM domain containing 10	1.64	51397
CDH15	Cadherin 15, M-cadherin (myotubule)	1.64	1013
MAN2A2	Mannosidase, alpha, class 2A, member 2	1.63	4122
SF3A2	Splicing factor 3a, subunit 2, 66kDa	1.63	8175
KIAA0692	KIAA0692	1.63	23141
ZNF398	Zinc finger protein 398	1.63	57541
GOLGB1	Golgi autoantigen, golgin subfamily b, macrogolgin (with transmembrane signal), 1	1.63	2804
PBXIP1	Pre-B-cell leukemia transcription factor interacting protein 1	1.62	57326
PLOD3	Procollagen-lysine, 2-oxoglutarate 5-dioxygenase 3	1.62	8985
CGA	Glycoprotein hormones, alpha polypeptide	1.62	1081
FAM82B	Family with sequence similarity 82, member B	1.62	51115
BCOR	BCL6 co-repressor	1.61	54880
ATP1A2	ATPase, Na+/K+ transporting, alpha 2 (+) polypeptide	1.61	477
DDAH1	Dimethylarginine dimethylaminohydrolase 1	1.61	23576
RAB8A	RAB8A, member RAS oncogene family	1.61	4218
CALR	Calreticulin	1.60	811
TSPAN4	Tetraspanin 4	1.60	7106
BCL11B	B-cell CLL/lymphoma 11B (zinc finger protein)	1.60	64919
PPP2R2A	Protein phosphatase 2 (formerly 2A), regulatory subunit B (PR 52), alpha isoform	1.60	5520
SERPING1	Serpin peptidase inhibitor, clade G (C1 inhibitor), member 1, (angioedema, hereditary)	1.60	710
FGFR3	Fibroblast growth factor receptor 3 (achondroplasia, thanatophoric dwarfism)	1.60	2261
LOC727862	Hypothetical protein LOC727862	1.60	727862
NID1	Nidogen 1	1.60	4811
FRZB	Frizzled-related protein	1.59	2487
NBR1	Neighbor of BRCA1 gene 1	1.59	4077
RNASEH1	Ribonuclease H1	1.59	246243

KLC2	Kinesin light chain 2	1.58	64837
ALOX5AP	Arachidonate 5-lipoxygenase-activating protein	1.58	241
PLCB1	Phospholipase C, beta 1 (phosphoinositide-specific)	1.58	23236
NSMCE4A	Non-SMC element 4 homolog A (S. cerevisiae)	1.57	54780
DPM3	Dolichyl-phosphate mannosyltransferase polypeptide 3	1.57	54344
LASS5	LAG1 homolog, ceramide synthase 5 (S. cerevisiae)	1.56	91012
PHLDA1	Pleckstrin homology-like domain, family A, member 1	1.56	22822
POLR2J2	DNA directed RNA polymerase II polypeptide J-related gene	1.56	246721
GPATC1	G patch domain containing 1	1.55	55094
C19orf6	Chromosome 19 open reading frame 6	1.55	91304
RHOB	Ras homolog gene family, member B	1.55	388
CACNG1	Calcium channel, voltage-dependent, gamma subunit 1	1.55	786
MGC70863	Similar to RPL23AP7 protein	1.55	284942
DNALI1	Dynein, axonemal, light intermediate chain 1	1.55	7802
SERPINA1	Serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1	1.54	5265
LOC643749	Hypothetical LOC643749	1.54	643749
OMA1	OMA1 homolog, zinc metallopeptidase (S. cerevisiae)	1.53	115209
RTF1	Rtf1, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae)	1.53	23168
ANAPC10	Anaphase promoting complex subunit 10	1.52	10393
ANKS1B	Ankyrin repeat and sterile alpha motif domain containing 1B	1.52	56899
ABHD5	Abhydrolase domain containing 5	1.52	51099
KIAA1217	KIAA1217	1.51	56243
SPRR2G	Small proline-rich protein 2G	1.51	6706
IBRDC2	IBR domain containing 2	1.50	255488