

Summary of the gene features and their selection frequencies

Gene index	Selection frequency	Gene name	Gene description
72	68		SID W 296310, ESTs [5':W03157, 3':N74445]
26	47		SID W 487878, SPARC/osteonectin [5':AA046533, 3':AA045463]
36	46		ESTs Chr.3 [50895, (R), 5':H18563, 3':H18456]
7	41		SID W 510467, Cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4) [5':AA055721, 3':AA055664]
80	39	AKR1B1	SID W 418239, Aldehyde reductase 1 (low Km aldose reductase) [5':W90290, 3':W90633]
51	37	NMBR	SID W 38473, Neuromedin B receptor [5':R35963, 3':R49477]
223	36	MUC13	SID 510372, ESTs [5':AA053763, 3':AA053660]
442	34		SID W 485688, Human homologue of yeast sec7 mRNA, complete cds [5':AA039904, 3':AA041528] SID W 488892, Homo sapiens mRNA for follistain-related protein (FRP), complete cds [5':AA046352, 3':AA046069]
67	30	FSTL1	SID W 487021, Tissue inhibitor of metalloproteinase 3 (Sorsby fundus dystrophy, pseudoinflammatory) [5':AA043956, 3':AA043969]
53	27	TIMP3	H.sapiens mRNA for receptor protein tyrosine kinase Chr.1 [236420, (DW), 5':H61830, 3':H61831]
141	27	DDR2	SID W 485645, KERATIN, TYPE II CYTOSKELETAL 7 [5':AA039817, 3':AA041344]
378	27		IL8 Interleukin 8 Chr.4 [328692, (DW), 5':W40283, 3':W45324]
59	26	IL8	SID W 293514, Human 54 kDa progesterone receptor-associated immunophilin FKBP54 mRNA, partial cds [5':N98804, 3':N63715]
203	26		SID W 415605, Human epidermal growth factor receptor kinase substrate (Eps8) mRNA, complete cds [5':W78793, 3':W94110]
29	25	EPS8	GLUCOSE TRANSPORTER TYPE 3, BRAIN Chr.12 [259029, (DW), 5':N57046, 3':N29348]
135	25	SLC2A3	SID W 114348, ESTs [5':T85505, 3':T85295]
177	25		COL5A2 Collagen, type V, alpha Chr.2 [429203, (I), 5':AA007406, 3':AA004204]
5	24		*Aldehyde reductase 1 (low Km aldose reductase) SID W 418212, ESTs [5':W90268, 3':W90593]
327	24		MEIS1 Meis1 (mouse) homolog Chr.2 [53347, (DI), 5':, 3':R15989]
640	24	MEIS1	Human extracellular protein (S1-5) mRNA, complete cds Chr.2 [485875, (EW), 5':AA040442, 3':AA040443]
16	23	EFEMP1	SID 179211, ESTs [5':H50258, 3':H50224]
226	22		SID W 364431, ESTs, Weakly similar to No definition line found [C.elegans] [5':AA022743, 3':AA022661]
280	22		CTGF Connective tissue growth factor Chr.6 [487513, (D), 5':, 3':AA044993]
218	21	CTGF	SID 343981, FATTY ACID-BINDING PROTEIN, EPIDERMAL [5':, 3':W70076]
228	21		ESTs Chr.8 [489084, (I), 5':AA057151, 3':AA057199]
451	21		SID W 308924, HEMOGLOBIN EPSILON CHAIN [5':W25510, 3':N93614]
131	20	HBE1	

307	20	IL1B	IL1B Interleukin 1, beta Chr.2 [324655, (DIRW), 5':W47225, 3':W47101]
377	20		SID 309395, ESTs, Weakly similar to W09D10.2 [C.elegans] [5':, 3':N94315]
958	20		SID 37141, H.sapiens DAP-3 mRNA [5':R34669, 3':R49198]
87	19	CAV2	SID 472015, Homo sapiens caveolin-2 mRNA, complete cds [5':, 3':AA036724]
493	19	BF	BF B-factor, properdin Chr.6 [230376, (IW), 5':H80353, 3':H80257]
14	18		ESTs Chr. [488190, (IW), 5':AA057287, 3':AA058732]
44	18	GJA1	GJA1 Cardiac gap junction protein Chr.X [486844, (IW), 5':AA042921, 3':AA042908]
166	18		SID W 280824, Human mRNA for KIAA0172 gene, partial cds [5':N50763, 3':N50674]
176	18		ESTs Chr.11 [345012, (IW), 5':W76307, 3':W72280]
216	18		ANX8 Annexin VIII Chr.10 [376634, (IW), 5':AA045997, 3':AA046102]
77	17		TCRG T cell receptor gamma chain Chr.7 [281003, (R), 5':, 3':N50880]
190	17		SID 471220, ESTs [5':, 3':AA034024]
482	17	HCLS1	HEMATOPOIETIC LINEAGE CELL SPECIFIC PROTEIN Chr.3 [260052, (I), 5':, 3':N32012] SID W 36809, Homo sapiens neural cell adhesion molecule (CALL) mRNA, complete cds [5':R34648, 3':R49177]
947	17	CHL1	
102	16	MGLL	Human lysophospholipase homolog (HU-K5) mRNA, complete cds Chr.3 [471446, (I), 5':, 3':AA035269]
279	16	ALCAM	ALCAM Activated leucocyte cell adhesion molecule Chr.3 [366806, (IW), 5':AA029282, 3':AA029426]
469	16		SID W 377004, ESTs [5':AA047777, 3':AA057780]
527	16	ITGB1	ITGB1 Integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12) Chr.10 [486375, (IW), 5':AA044145, 3':AA044261]
247	15		H.sapiens 5T4 gene for 5T4 Oncofetal antigen Chr.6 [376715, (DIW), 5':AA046363, 3':AA046300]
54	14		SID W 259884, ESTs [5':N42045, 3':N32904]
283	14		ESTs, Weakly similar to KIAA0108 [H.sapiens] Chr.8 [429959, (I), 5':, 3':AA033947]
435	14	LYZ	LYZ Lysozyme Chr.12 [293925, (R), 5':N98412, 3':N63943]
10	13		SID 429145, Human nicotinamide N-methyltransferase (NNMT) mRNA, complete cds [5':, 3':AA004839]
71	13	ANXA1	SID W 485969, Annexin I (lipocortin I) [5':AA040523, 3':AA040524]
81	13	THY1	THY-1 MEMBRANE GLYCOPROTEIN PRECURSOR Chr.11 [470386, (EW), 5':AA031395, 3':AA031264]
123	13	CYR61	Homo sapiens Cyr61 mRNA, complete cds Chr.1 [486700, (DIW), 5':AA044451, 3':AA044574]
126	13	ITGA6	SID W 159512, Integrin, alpha 6 [5':H16046, 3':H15934]
221	13	DLG3	ESTs Chr.X [48536, (E), 5':H14669, 3':H14579]
301	13		ESTs Chr.5 [221773, (I), 5':, 3':H92189]
345	13	GCA	GRANCALCIN Chr.2 [146655, (DW), 5':R80070, 3':R79972]
507	13	TRIM3	SID 294134, Homo sapiens brain expressed ring finger protein mRNA, complete cds [5':N99793, 3':N99793]
105	12		SID W 259963, Homo sapiens clone 24667 mRNA sequence [5':N47029, 3':N30354]
112	12		Human mRNA for KIAA0320 gene, partial cds Chr.15 [416409, (R), 5':, 3':W86876]
143	12	SOX9	SID W 358117, SRY (sex-determining region Y)-box 9 (campomelic dysplasia, autosomal sex-reversal) [5':W95308, 3':W94793]

			ETV4 Ets variant gene 4 (E1A enhancer-binding protein, E1AF) Chr.17 [509820, (DIW), 5':AA054433, 3':AA054350]
149	12		
424	12		SID 272143, ESTs [5':, 3':N35476]
529	12		SID 29828, ESTs [5':R16390, 3':R42331]
587	12	DDEF2	Homo sapiens KIAA0400 mRNA, complete cds Chr.2 [298128, (IRW), 5':W01827, 3':N70773]
912	12		SID W 380600, ESTs [5':AA053914, 3':AA054253]
25	11		SID 263341, ESTs [5':, 3':N20003]
31	11		SID 293625, ESTs [5':N94137, 3':N69315]
93	11		SID 380294, ESTs [5':, 3':AA047819]
140	11	ARHE	RhoE Chr.2 [484704, (IW), 5':AA037435, 3':AA037493]
453	11	SLC1A3	SID W 357810, EXCITATORY AMINO ACID TRANSPORTER 1 [5':W95604, 3':W95605]
533	11	APOD	SID W 429935, Apolipoprotein D [5':AA033999, 3':AA033790]
621	11		SID 281605, ESTs [5':N53909, 3':N51614]
656	11		SID W 156483, Human mRNA for KIAA0229 gene, partial cds [5':R72719, 3':R72642]
238	10	DLC1	SID W 470188, ESTs [5':AA028976, 3':AA030056]
430	10	GYPA	Glycophorin ASID 375774, [5':AA033882, 3':AA033822]
718	10	CTSD	SID W 488455, Cathepsin D (lysosomal aspartyl protease) [5':AA047512, 3':AA047455]
726	10	LRRC1	ESTs Chr.6 [146640, (I), 5':R80056, 3':R79962]
780	10		SID 242151, ESTs [5':H93881, 3':H93791]
836	10		Homo sapiens protein 4.1-G mRNA, complete cds Chr.6 [376385, (EW), 5':AA039664, 3':AA039665]
852	10		ESTs Chr.6 [265343, (IREW), 5':N27704, 3':N20862]
908	10		SID W 417250, ESTs [5':W87874, 3':W87776]
918	10		SID 113786, ESTs [5':T77343, 3':T77041]
40	9	CAPG	SID 277249, Capping protein (actin filament), gelsolin-like [5':N47133, 3':N41032]
69	9	NK4	SID W 302394, NATURAL KILLER CELLS PROTEIN 4 PRECURSOR [5':W17369, 3':N90140]
125	9		SID 42787, ESTs [5':R59827, 3':R59717]
211	9	TRIO	SID W 470685, Homo sapiens Trio mRNA, complete cds [5':AA031568, 3':AA031569]
245	9		SID W 365255, Antiquitin [5':AA024917, 3':AA024918]
320	9		SID W 418164, ESTs [5':W90171, 3':W90583]
373	9	TCF8	Human mRNA for transcription factor AREB6, complete cds Chr.21 [471631, (IW), 5':AA035027, 3':AA035515]
405	9	BCAR3	SID W 279670, Homo sapiens breast cancer antiestrogen resistance 3 protein (BCAR3) mRNA, complete cds [5':N49045, 3':N48319]
443	9		ESTs, Weakly similar to R06B9.b [C.elegans] Chr.1 [365488, (IW), 5':AA009557, 3':AA009558]
475	9	SMARCB1	*Mesoderm specific transcript (mouse) homolog SID 375527, ESTs [5':AA026807, 3':AA026808]

			SID W 49494, ESTs, Weakly similar to HYPOTHETICAL 81.5 KD PROTEIN B0495.5 IN CHROMOSOME II [C.elegans] [5':H15603, 3':H15544]
522	9		
598	9	LAMR1	SID 512322, Laminin receptor (2H5 epitope) [5':, 3':AA057821]
655	9		PHKA1 Phosphorylase kinase, alpha 1 (muscle), muscle glycogenesis Chr.X [306175, (IW), 5':W20171, 3':N90546]
754	9		ESTs Chr.2 [485126, (IW), 5':AA040901, 3':AA037773]
773	9		SID W 345624, Human homeobox protein (PHOX1) mRNA, 3' end [5':W76402, 3':W72050]
814	9		SID W 207922, ESTs [5':H60469, 3':H60424]
886	9		Homo sapiens mRNA for CDEP, complete cds Chr.13 [472002, (IW), 5':AA036906, 3':AA036870]
900	9		SID 52171, ESTs [5':H24257, 3':H24258]
18	8		*Coagulation factor III (thromboplastin, tissue factor) SID 37054, ESTs, Highly similar to ZINC FINGER PROTEIN ZFP-92 [Mus musculus] [5':R34917, 3':R49309]
57	8	TPD52L1	Human D53 (hD53) mRNA, partial cds Chr.6 [510461, (IW), 5':AA055718, 3':AA055661]
88	8		SID W 510482, ESTs [5':AA055725, 3':AA055668]
151	8	PLK2	Homo sapiens serum-inducible kinase mRNA, complete cds Chr.5 [485943, (IW), 5':AA040824, 3':AA040161]
178	8	MYO10	ESTs Chr.5 [416842, (D), 5':W87309, 3':W86798]
187	8		TYROSINE-PROTEIN KINASE RECEPTOR ECK PRECURSOR Chr.1 [427943, (D), 5':, 3':AA001368]
231	8	JUB	SID 272525, ESTs [5':, 3':N35886]
235	8		SID 240167, ESTs [5':H79634, 3':H79635]
242	8		CAPN2 Calpain, large polypeptide L2 Chr.1 [486206, (IW), 5':AA043622, 3':AA043263]
284	8	PROS1	SID W 365476, Protein S (alpha) [5':AA009419, 3':AA009723]
308	8	IL6	IL6 Interleukin 6 (B cell stimulatory factor 2) Chr.7 [310406, (RW), 5':W31016, 3':N98591]
371	8	P8	SID W 364730, Homo sapiens P8 protein mRNA, complete cds [5':AA024560, 3':AA025313]
516	8	TBL1X	Homo sapiens mRNA for transducin (beta) like 1 protein Chr.X [277052, (EW), 5':N44173, 3':N34281]
524	8		SID W 429290, ESTs [5':AA007457, 3':AA007361]
542	8		H.sapiens HE4 mRNA for extracellular proteinase inhibitor homologue Chr.20 [366323, (IW), 5':AA025902, 3':AA025750]
547	8		SID 122585, Homo sapiens mRNA for KIAA0602 protein, partial cds [5':T98859, 3':T98860]
551	8	MXI1	SID W 271478, Human MXI1 mRNA, complete cds [5':N45031, 3':N35022]
620	8		SID 287239, ESTs [5':, 3':N66980]
631	8	PRKCE	ESTs Chr.2 [376246, (IW), 5':AA039557, 3':AA039558]
671	8		ASNS Asparagine synthetase Chr.7 [510206, (IW), 5':AA053213, 3':AA053461]
679	8		ESTs Chr.1 [300220, (IW), 5':W07227, 3':N78799]
696	8	ADCY7	Human mRNA for KIAA0037 gene, complete cds Chr.16 [360021, (IW), 5':AA035788, 3':AA035802]
712	8		SID W 238815, Homo sapiens mRNA for KIAA0552 protein, complete cds [5':H64737, 3':H65227]
725	8		SID 471984, ESTs [5':AA036849, 3':AA036787]

727	8		SID 429409, ESTs [5':, 3':AA007609]
749	8		SID W 377215, Cathepsin C [5':AA055296, 3':AA055178]
804	8		ESTs Chr.7 [22154, (IR), 5':T64854, 3':T72596]
881	8		SID 45252, ESTs [5':H08256, 3':H08156]
921	8		ESTs Chr.11 [509950, (IW), 5':AA053495, 3':AA053370]
45	7		SID W 263845, Homo sapiens m6b1 mRNA, complete cds [5':N28503, 3':H99776]
95	7		SID 296480, ESTs [5':W00977, 3':N74639]
99	7	KRT6B	ESTs Chr.12 [25831, (I), 5':R11850, 3':R36967]
152	7		ESTs Chr.10 [302188, (I), 5':W16723, 3':N77806]
159	7		H.sapiens E-MAP-115 mRNA Chr.6 [418274, (EW), 5':W90783, 3':W90688]
162	7	PFN2	SID W 486110, Profilin 2 [5':AA043167, 3':AA040703]
184	7	GTL3	SID W 365769, Membrane cofactor protein (CD46, trophoblast-lymphocyte cross-reactive antigen) [5':AA025651, 3':AA025550]
188	7	LAMB1	SID 428443, [5':AA004769, 3':AA004918]
196	7		LAMC1 Laminin, gamma 1 (formerly LAMB2) Chr.1 [471756, (IW), 5':AA035021, 3':AA035488]
210	7		ESTs Chr.9 [266292, (DW), 5':N35634, 3':N26524]
234	7	ADAM12	SID W 471748, ESTs [5':AA035018, 3':AA035486]
261	7		SID W 52893, ESTs, Highly similar to STATHMIN-LIKE PROTEIN XB3 [Xenopus laevis] [5':H29665, 3':H29581]
338	7	NDRG2	SID W 306147, ESTs, Weakly similar to RTP [H.sapiens] [5':W20020, 3':N90531]
462	7	APOC1	APOC1 Apolipoprotein CI Chr.19 [346956, (IW), 5':W79313, 3':W79394]
538	7	TGFB114	SID 485326, Human TSC-22 protein mRNA, complete cds [5':, 3':AA039756]
636	7		H.sapiens mRNA for metallothionein Chr. [214162, (IRW), 5':H77766, 3':H77597]
642	7	RBMS1	SINGLE-STRANDED DNA-BINDING PROTEIN MSSP-1 Chr. [488800, (IW), 5':AA045045, 3':AA045046]
665	7		ESTs Chr.10 [285105, (I), 5':, 3':N71897]
673	7		SID W 415303, Human mRNA for KIAA0018 gene, complete cds [5':W92108, 3':W91979]
677	7		Homo sapiens T245 protein (T245) mRNA, complete cds Chr.X [343063, (IW), 5':W67989, 3':W68001]
719	7	KCNQ4	SID 158260, [5':H26629, 3':H26683]
742	7	GAD1	GAD1 Glutamate decarboxylase 1 (brain, 67kD) Chr.2 [362409, (RW), 5':AA018504, 3':AA018457]
751	7		SID 308729, ESTs [5':W25229, 3':N95389]
771	7	ITGA5	SID W 359077, Integrin, alpha 5 (fibronectin receptor, alpha polypeptide) [5':W92358, 3':W92322]
795	7		SID W 470677, Human HU-K4 mRNA, complete cds [5':AA031461, 3':AA031482]
809	7	NR2F1	SID W 471889, COUP TRANSCRIPTION FACTOR [5':AA035764, 3':AA035174]
831	7	BCL3	BCL3 B-cell CLL/lymphoma 3 Chr.19 [236422, (DW), 5':H61832, 3':H61833]
879	7	MYH9	SID W 485690, Myosin, heavy polypeptide 9, non-muscle [5':AA039905, 3':AA041529]
949	7		SID W 488494, Human mRNA for KIAA0057 gene, complete cds [5':AA044698, 3':AA044636]
969	7	MMP14	H.sapiens mRNA for membrane-type matrix metalloproteinase 1 Chr. [270505, (RW), 5':N41928,

985	7		SID W 259005, Human X2 box repressor mRNA, complete cds [5':N57039, 3':N29343]
991	7	LEPR	H.sapiens OB-RGRP gene Chr.1 [470194, (E), 5':, 3':AA030058]
1	6	SERPINE2	Homo sapiens CAGH3 mRNA, complete cds Chr.2 [487986, (EW), 5':AA045756, 3':AA047476]
11	6	CAV1	CAV Caveolin, caveolae protein, 22kD Chr.7 [488533, (IW), 5':AA047106, 3':AA047243]
24	6		ESTs Chr.18 [295564, (EW), 5':W02384, 3':N72559]
89	6		SID 52519, ESTs [5':, 3':H24396]
111	6	PEG10	Homo sapiens clone 23915 mRNA sequence Chr.7 [347518, (I), 5':, 3':W81411]
119	6		SID 360446, ESTs [5':AA015703, 3':AA013482]
148	6		SID W 359443, Human ORF mRNA, complete cds [5':AA010705, 3':AA010706]
214	6		SID 357574, ESTs [5':W94080, 3':W94081]
273	6		SID W 84275, Human cytochrome P450-IIB (hIIB3) mRNA, complete cds [5':T71165, 3':T72862]
295	6	COL6A1	SID W 489089, Collagen, type VI, alpha 1 [5':AA047208, 3':AA047209]
312	6	PSMD4	SID W 470388, Human antiseecretory factor-1 mRNA, complete cds [5':AA031396, 3':AA031265]
376	6	TPM1	TPM1 Tropomyosin alpha chain (skeletal muscle) Chr.15 [488479, (IEW), 5':AA047523, 3':AA047403]
387	6		TGFBR2 Transforming growth factor, beta receptor II (70-80kD) Chr.3 [510174, (IW), 5':AA053517, 3':AA053131]
389	6	NOTCH2	SID 321870, ESTs [5':W37554, 3':W37313]
397	6		SID W 415693, Homo sapiens mRNA for phosphatidylinositol 4-kinase, complete cds [5':W78879, 3':W84724]
398	6		ESTs Chr.2 [146238, (IW), 5':R79036, 3':R78937]
412	6		SID W 22264, ESTs [5':T64867, 3':T72607]
440	6		ESTs, Weakly similar to transporter protein [H.sapiens] Chr.12 [304974, (IW), 5':W38991, 3':N93208]
450	6		ESTs Chr.2 [429311, (IW), 5':AA007438, 3':AA007439]
457	6		*EST W25116 SID W 308793, ESTs [5':W25124, 3':N93284]
468	6		SID 183945, Small nuclear ribonucleoprotein polypeptide N [5':H30300, 3':H28105]
474	6	IGFBP7	Prostacyclin-stimulating factor [human, cultured diploid fibroblast cells, mRNA, 1124 nt] Chr.4 [488721, (IW), 5':AA046078, 3':AA046026]
489	6		SID W 308098, Myosin, light polypeptide 3, alkali; ventricular, skeletal, slow [5':W24524, 3':N92340]
492	6	PTPRM	SID W 357909, Protein tyrosine phosphatase, receptor type, mu polypeptide [5':W95183, 3':W94635]
500	6	CYB5	CYB5 Cytochrome b-5 Chr.18 [415153, (IW), 5':W95036, 3':W93332]
578	6		SID 306136, ESTs [5':W19943, 3':N91023]
609	6	ANXA5	ANX5 Annexin V (endonexin II) Chr.4 [510118, (I), 5':, 3':AA053017]
632	6	PCSK5	SID 277268, ESTs [5':, 3':N34396]
648	6		SID W 110848, ESTs [5':T83291, 3':T90749]
744	6		SID 267689, ESTs [5':, 3':N23184]
765	6		Human BRCA2 region, mRNA sequence CG018 Chr.13 [32048, (IE), 5':R17292, 3':R41970]

770	6	TGFBR3	TGFBR3 Transforming growth factor, beta receptor III (betaglycan, 300kD) Chr.1 [209655, (IRW), 5':H61499, 3':H62473]
787	6		ESTs, Weakly similar to C37E2.2 [C.elegans] Chr.6 [290435, (IW), 5':N80329, 3':N64535]
792	6	EGFR	SID W 469272, Epidermal growth factor receptor [5':AA026175, 3':AA026089]
798	6		ESTs Chr.12 [325365, (IRW), 5':W52272, 3':W52273]
799	6	UBE1L	SID W 270210, Ubiquitin-activating enzyme E1, like [5':N39399, 3':N25221]
801	6	PRKCA	SID W 470250, Glucose-6-phosphate dehydrogenase [5':AA029096, 3':AA029097]
815	6		ESTs Chr.13 [46411, (RW), 5':H09222, 3':H09164]
827	6	PIM1	PIM1 Pim-1 oncogene Chr.6 [428404, (D), 5':, 3':AA005379]
863	6	B2M	SID W 51940, BETA-2-MICROGLOBULIN PRECURSOR [5':H24236, 3':H24237]
867	6	CRYZ	SID W 471763, Crystallin zeta (quinone reductase) [5':AA035179, 3':AA035180]
873	6		ESTs Chr.3 [377443, (I), 5':, 3':AA055243]
911	6		IDS Iduronate 2-sulfatase (Hunter syndrome) Chr.X [470009, (IW), 5':AA029212, 3':AA029213]
923	6		Homo sapiens thyroid receptor interactor (TRIP7) mRNA, 3' end of cds Chr.6 [122936, (IW), 5':T99902, 3':T99799]
931	6		SID 470499, Human mRNA for KIAA0249 gene, complete cds [5':AA031742, 3':AA031651]
948	6	KRT5	SID W 345925, Keratin 5 (epidermolysis bullosa simplex, Dowling-Meara/Kobner/Weber-Cockayne types) [5':W77796, 3':W72110]
960	6		SID W 115665, ESTs [5':T80738, 3':T80627]
966	6		SID 278240, ESTs [5':N94730, 3':N63566]
3	5	ANXA3	ANX3 Annexin III (lipocortin III) Chr.4 [328683, (IW), 5':W40286, 3':W45327]
33	5		ESTs Chr.5 [264576, (I), 5':, 3':N20213]
56	5	MAP1B	SID W 488148, H.sapiens mRNA for 3'UTR of unknown protein [5':AA057239, 3':AA058703]
74	5		SID W 470455, ESTs, Highly similar to HYPOTHETICAL 52.9 KD PROTEIN IN SAP155-YMR31 INTERGENIC REGION [Sacchar [5':AA031392, 3':AA031267]
79	5	C19ORF10	ESTs Chr.2 [284679, (I), 5':N77426, 3':N64830]
85	5		SID W 345420, Homo sapiens YAC clone 136A2 unknown mRNA, 3'untranslated region [5':W76024, 3':W72468]
92	5	CKAP4	SID W 488023, H.sapiens p63 mRNA for transmembrane protein [5':AA053287, 3':AA054756]
118	5	KRT8	KRT8 Keratin 8 Chr.12 [509980, (IW), 5':AA053471, 3':AA052978]
120	5		SID 153288, ESTs [5':R47735, 3':R50382]
128	5		Human L-kynurenine hydrolase mRNA, complete cds Chr.2 [252515, (IRW), 5':H87583, 3':H87471]
157	5	GPX2	Glutathione peroxidase 2, gastrointestinalSID 510363, [5':AA053766, 3':AA053663]
160	5	JUP	SID 471822, Junction plakoglobin [5':, 3':AA035637]
164	5	LGALS3BP	Human Mac-2 binding protein mRNA, complete cds Chr. [510398, (IW), 5':AA053695, 3':AA053675]

169	5	GRP58	SID 470329, PROBABLE PROTEIN DISULFIDE ISOMERASE ER-60 PRECURSOR [5':, 3':AA029179]
193	5	NFIA	SID W 415537, ESTs [5':W78715, 3':W80483]
227	5		ESTs Chr.1 [344743, (IW), 5':W74791, 3':W74694]
258	5	COL1A1	SID W 418193, Homologue of mouse tumor rejection antigen gp96 [5':W90359, 3':W90360]
287	5	MUTYH	Human mutY homolog (hMYH) gene, complete cds Chr.1 [268727, (R), 5':, 3':N24004]
290	5		SID W 343586, ESTs [5':W69521, 3':W69438]
292	5	CAMK2D	ESTs Chr.4 [328922, (E), 5':, 3':W45465]
293	5	ETS2	ETS2 V-ets avian erythroblastosis virus E26 oncogene homolog 2 Chr.21 [132420, (DEW), 5':R25353, 3':R26543]
323	5	PHKA2	SID W 282055, Phosphorylase kinase, alpha 2 (liver), glycogen storage disease IX [5':N53618, 3':N51476]
325	5		ESTs Chr.2 [364767, (IW), 5':AA024418, 3':AA025336]
359	5		ESTs Chr.4 [137404, (D), 5':R38137, 3':R38048]
370	5		SID W 429112, ESTs [5':AA005018, 3':AA005019]
372	5	CLDN1	SID W 359414, ESTs [5':AA011228, 3':AA010488]
391	5		SID W 323118, Human mRNA for TESK1, complete cds [5':W42595, 3':W42583]
416	5	SAA1	SERUM AMYLOID A PROTEIN PRECURSOR Chr.11 [161456, (DRW), 5':H25590, 3':H25546]
420	5	PBX1	PBX1 PBX1a and PBX1b Chr.1 [193377, (DW), 5':H47744, 3':H48094]
428	5		Homo sapiens Pig7 (PIG7) mRNA, complete cds Chr.16 [381663, (EW), 5':AA059047, 3':AA059031]
445	5	TCF7L2	ESTs Chr.10 [366848, (IRW), 5':AA029516, 3':AA029451]
495	5		SID W 429623, Homo sapiens clone 24659 mRNA sequence [5':AA011634, 3':AA011635]
513	5		ESTs Chr.2 [295200, (I), 5':W05178, 3':N75945]
535	5		TGFB3 Transforming growth factor, beta 3 Chr.14 [486208, (RW), 5':AA040616, 3':AA040617]
563	5		SID 428938, ATPase, Na+/K+ transporting, beta 1 polypeptide [5':AA004976, 3':AA004863]
570	5		ESTs Chr.6 [149145, (IEW), 5':R82425, 3':R82366]
593	5	LIPA	LIPA Lipase A, lysosomal acid, cholesterol esterase (Wolman disease) Chr.10 [366252, (IW), 5':AA025491, 3':AA025598]
601	5		SID W 345461, Homo sapiens regulator of G protein signaling 10 mRNA, complete cds [5':W76080, 3':W72521]
617	5	KLF3	SID W 358526, ESTs [5':W96039, 3':W94821]
618	5	KIF3C	SID 281021, Homo sapiens kinesin-related protein (KIF3C) mRNA, complete cds [5':, 3':N50891]
628	5		FACL1 Long chain fatty acid acyl-coA ligase Chr.3 [486761, (IW), 5':AA043210, 3':AA043211]
639	5		SID W 470644, ESTs [5':AA032059, 3':AA031968]
646	5	ASAH1	Human putative 32kDa heart protein PHP32 mRNA, complete cds Chr.8 [417819, (EW), 5':W88869, 3':W88662]
691	5	ABL2	SID 262146, Human cerebellar degeneration-associated protein mRNA, complete cds [5':N25106, 3':H98878]
704	5		*MAP KINASE PHOSPHATASE-1 SID 360307, ESTs [5':AA013395, 3':AA013396]

708	5		SID W 327118, ESTs [5':W30941, 3':W02732]
711	5		H.sapiens mRNA for Gal-beta(1-3/1-4)GlcNAc alpha-2.3-sialyltransferase Chr.11 [324181, (IW), 5':W47425, 3':W47395]
714	5		ESTs Chr.6 [144805, (EW), 5':R76279, 3':R76556]
730	5	DAG1	SID 289361, ESTs [5':N99589, 3':N92652]
732	5		ESTs Chr.7 [305488, (D), 5':, 3':N89845]
739	5		SID W 364710, ESTs, Highly similar to LAMBDA-CRYSTALLIN [Oryctolagus cuniculus] [5':AA024532, 3':AA025292]
748	5		Homo sapiens putative RNA binding protein KOC (koc) mRNA, complete cds Chr.7 [429494, (IRW), 5':AA011266, 3':AA011347]
775	5		ESTs Chr.6 [28548, (IE), 5':R14278, 3':R40570]
782	5		SID W 471123, Coproporphyrinogen oxidase (coproporphyrin, harderoporphyrin) [5':AA034357, 3':AA034357]
785	5	SMO	SID 416749, Homo sapiens Gx protein (GX) mRNA, complete cds [5':, 3':W86576]
794	5	GCH1	SID W 259642, GTP cyclohydrolase 1 (dopa-responsive dystonia) {alternative products} [5':N41787, 3':N32784]
838	5		SID 204716, [5':H57289, 3':H57290]
870	5		ESTs Chr.8 [254310, (IR), 5':N81158, 3':N22262]
874	5		Homo sapiens mRNA for DEC1, complete cds Chr.9 [469297, (DIW), 5':AA026204, 3':AA026120]
877	5		SID W 324073, Human lysyl oxidase-like protein mRNA, complete cds [5':W46647, 3':W46564]
897	5	COPEB	Homo sapiens Kruppel-like zinc finger protein Zf9 mRNA, complete cds Chr.10 [510381, (DRW), 5':AA055584, 3':AA055585]
899	5		*EST AA688119 Human pre-B cell enhancing factor (PBEF) mRNA, complete cds Chr.7 [487872, (EW), 5':AA046531, 3':AA045438]
907	5		Human pre-B cell enhancing factor (PBEF) mRNA, complete cds Chr.7 [488548, (EW), 5':AA047110, 3':AA047266]
928	5		SID 37330, ESTs [5':R35275, 3':R50946]
950	5		SID 285992, ESTs [5':, 3':N67071]
955	5	RHOQ	PIGF Phosphatidylinositol glycan, class F Chr.2 [486086, (EW), 5':AA043151, 3':AA040760]
976	5		SID 238515, [5':H64679, 3':H64576]
989	5		SID 293891, ESTs [5':, 3':N66023]
995	5		SID 52981, ESTs [5':H29809, 3':H29810]
30	4		SID 287537, [5':N75151, 3':N58815]
32	4	TFPI2	TISSUE FACTOR PATHWAY INHIBITOR 2 PRECURSOR Chr.7 [361247, (DEW), 5':AA017445, 3':AA017446]
46	4		SID 469775, Human clones 23920 and 23921 mRNA sequence [5':AA028079, 3':AA028080]
62	4	SPARC	SID 470544, Adenosine monophosphate deaminase (isoform E) [5':AA031764, 3':AA031595]

73	4	NGFRAP1	SID W 486613, ESTs, Highly similar to OVARIAN GRANULOSA CELL 13.0 KD PROTEIN HGR74 [Homo sapiens] [5':AA044350, 3':AA044028]
82	4		SID W 297604, ESTs [5':N98974, 3':N69835]
94	4	GABRE	Human GABA-A receptor epsilon subunit mRNA, complete cds Chr.X [127062, (IW), 5':R07942, 3':R07883]
110	4		SID W 470385, Homo sapiens placental bikunin mRNA, complete cds [5':AA031401, 3':AA031287]
150	4		SID 469983, ESTs [5':AA030053, 3':AA029941]
171	4		SID W 510056, Homo sapiens (clone zap128) mRNA, 3' end of cds [5':AA053065, 3':AA053409]
180	4		ID2 Inhibitor of DNA binding 2, dominant negative helix-loop-helix protein Chr.3 [429934, (D), 5':AA033992, 3':AA033993]
181	4		PLAUR Plasminogen activator, urokinase receptor Chr.19 [309553, (DI), 5':, 3':N94408]
185	4		ESTs Chr.22 [52802, (RW), 5':H29133, 3':H29032]
189	4		ESTs Chr.2 [488018, (I), 5':AA054744, 3':AA054746]
201	4		SID W 284499, ESTs [5':N75134, 3':N52363]
220	4	APBB1	SID 282065, Homo sapiens stat-like protein (Fe65) mRNA, complete cds [5':, 3':N48255]
230	4		SID 487097, Human protein tyrosine phosphatase 1E (PTP1E) mRNA, complete cds [5':AA043579, 3':AA043580]
243	4	ADRB2	ADRB2 Adrenergic, beta-2-, receptor, surface Chr.5 [241489, (RW), 5':H90487, 3':H90431]
253	4		SID W 130109, Sterol O-acyltransferase (acyl-Coenzyme A: cholesterol acyltransferase) [5':R20920, 3':R20806]
269	4	FDPS	*EST AA054706 SID W 488118, Farnesyl diphosphate synthase (farnesyl pyrophosphate synthetase, dimethylallyltranstransferase, [5':AA058645, 3':AA053331]
289	4	IRX3	ESTs Chr.16 [154654, (RW), 5':R55184, 3':R55185]
303	4	RPS16	SID W 510395, Ribosomal protein S16 [5':AA053701, 3':AA053681]
306	4	C1R	SID W 376416, Complement component C1r [5':AA041422, 3':AA041382]
326	4		Homo sapiens Pig7 (PIG7) mRNA, complete cds Chr.16 [485904, (E), 5':, 3':AA040083]
342	4		SID W 488691, ESTs, Highly similar to NODULATION PROTEIN G [Rhizobium meliloti] [5':AA045967, 3':AA045833]
353	4	ANXA4	ANX4 Annexin IV (placental anticoagulant protein II) Chr.2 [485221, (IW), 5':AA039233, 3':AA039340]
355	4	NEDD9	ESTs Chr.6 [238621, (E), 5':H65178, 3':H65122]
361	4	DNCH2	SID 269451, ESTs [5':, 3':N26244]
369	4		SID 201350, ESTs [5':R99701, 3':R99596]
384	4		SID 127504, H.sapiens mRNA for DGCR6 protein [5':, 3':R09057]
386	4	CAMKK1	SID 343698, ESTs [5':, 3':W69176]
395	4	TEAD1	SID 260288, ESTs [5':H97716, 3':H96798]
400	4	PRNP	SID W 470074, Prion protein (p27-30) (Creutzfeld-Jakob disease, Gerstmann-Strausler-Scheinker syndrome, fatal [5':AA029163, 3':AA029059]
406	4		ESTs Chr.10 [175548, (I), 5':, 3':H41127]

409	4		SID 146311, Matrix metalloproteinase 2 (gelatinase A, 72kD gelatinase, 72kD type IV collagenase) [5':R79490, 3':R79223]
426	4	CBR1	SID W 279103, Carbonyl reductase [5':N51804, 3':N51716]
434	4	SDCBP	SID W 470947, Human scaffold protein Pbp1 mRNA, complete cds [5':AA032174, 3':AA032175]
455	4	SYNE1	SID W 487424, ESTs [5':AA046609, 3':AA046724]
463	4	SNTB2	SID W 471383, Human beta2-syntrophin (SNT B2) mRNA, complete cds [5':AA035252, 3':AA035253]
464	4		ESTs Chr. [417617, (I), 5':W89017, 3':W89018]
478	4		SID 162059, ESTs, Moderately similar to ATP-BINDING CASSETTE TRANSPORTER 2 [Mus musculus] [5':, 3':H26264]
480	4	MYO5B	SID 231713, ESTs [5':, 3':H92876]
497	4		WHITE PROTEIN HOMOLOG Chr.21 [212088, (IW), 5':H68960, 3':H68928]
506	4		SID 182395, ESTs [5':, 3':H42125]
528	4		SID W 284580, ESTs, Weakly similar to unknown protein [H.sapiens] [5':N76185, 3':N64772]
540	4	GNG12	ESTs Chr.1 [488132, (IW), 5':AA047420, 3':AA047421]
541	4	QKI	ESTs Chr. [253869, (DW), 5':N71211, 3':N22009]
572	4	BLVRB	Human mRNA for NADPH-flavin reductase, complete cds Chr.19 [365775, (IW), 5':AA025653,
594	4		SID 416688, Human chromosome 17q21 mRNA clone LF113 [5':, 3':W86481]
599	4	PTPRK	SID W 327526, Human protein tyrosine phosphatase mRNA, complete cds [5':W35150, 3':W20183]
606	4		ESTs Chr.10 [278375, (D), 5':N93901, 3':N64010]
607	4		Homo sapiens myo-inositol monophosphatase 2 mRNA, complete cds Chr.18 [509904, (IW), 5':AA054659, 3':AA056470]
644	4		SID W 310487, ESTs [5':W31061, 3':N99938]
647	4		SID W 364715, Homo sapiens thrombospondin 3 (THBS3) gene, complete cds [5':AA024557, 3':AA025310]
649	4	SSA2	SID W 489202, Human 60-kdal ribonucleoprotein (Ro) mRNA, complete cds [5':AA058376, 3':AA056731]
658	4		SID 47774, Human N-sulphoglucosamine sulphohydrolase mRNA, complete cds [5':, 3':H11473]
698	4		ESTs Chr. [138082, (I), 5':R53720, 3':R52939]
716	4		Homo sapiens mRNA for KIAA0611 protein, partial cds Chr.20 [428718, (IW), 5':AA004232, 3':AA004631]
722	4	PLAUR	PLAUR Plasminogen activator, urokinase receptor Chr.19 [325077, (DIW), 5':W49705, 3':W49706]
747	4		Human mRNA for KIAA0238 gene, partial cds Chr.20 [469722, (IW), 5':AA028023, 3':AA028024]
767	4		SID 365357, ESTs [5':, 3':AA025212]
768	4		*Human ferritin L chain mRNA, complete cds SID W 239001, ESTs [5':H67076, 3':H68158]
774	4	FTL	SID 512268, Human mRNA for KIAA0202 gene, partial cds [5':AA057716, 3':AA057669]
807	4		SID 239933, ESTs [5':H82028, 3':H81933]
810	4	PSEN2	PSEN2 Presenilin 2 (Alzheimer disease 4) Chr.1 [128731, (IEW), 5':R14600, 3':R16831]
812	4		H factor (complement)-like 1SID 208012, [5':H62610, 3':H62542]
826	4		SID 236160, ESTs [5':H61311, 3':H62352]
832	4		SID 52218, EST [5':H23354, 3':H23243]

833	4		SID 346146, Branched chain keto acid dehydrogenase E1, alpha polypeptide (maple syrup urine disease) [5':W78018, 3':W73954]
853	4		SID W 510030, ESTs, Weakly similar to N-methyl-D-aspartate receptor glutamate-binding chain [R.norvegicus] [5':AA053050, 3':AA053392]
856	4		SID W 323328, ESTs, Weakly similar to GPI-anchored protein p137 precursor [H.sapiens] [5':W42892, 3':W42777]
859	4		SID W 133851, ESTs [5':R28233, 3':R27977]
864	4	DHCR7	Homo sapiens delta7-sterol reductase mRNA, complete cds Chr.10 [417125, (E), 5':, 3':W87472]
872	4		SID 362361, Human mRNA for KIAA0305 gene, complete cds [5':AA002021, 3':AA001902]
875	4		H.sapiens mRNA for hHkb1 protein Chr. [365043, (IW), 5':AA024965, 3':AA024659]
883	4		SID 281463, Human mRNA for KIAA0153 gene, partial cds [5':N53188, 3':N51519]
892	4		SID W 376708, ESTs [5':AA046358, 3':AA046274]
895	4	GGA2	SID 357685, ESTs [5':W95231, 3':W92605]
896	4		SID W 296688, Human mRNA for KIAA0265 gene, partial cds [5':W02257, 3':N74019]
910	4	FAM3C	Homo sapiens mRNA for GS3786, complete cds Chr.7 [486005, (IW), 5':AA040845, 3':AA040201]
922	4	BAIAP1	SID 280518, ESTs [5':, 3':N51643]
924	4		SID W 358168, ESTs, Highly similar to DNA-DIRECTED RNA POLYMERASES I AND III 16 KD POLYPEPTIDE [Saccharomyces [5':W95586, 3':W95587]
930	4	EPIM	SID W 415194, Homo sapiens clone 24790 mRNA sequence [5':W91920, 3':W91921]
936	4		SID 260048, Homo sapiens intermediate conductance calcium-activated potassium channel (hKCa4) mRNA, complete [5':, 3':N32010]
939	4		SID 469290, ESTs [5':, 3':AA026974]
963	4		ESTs Chr.3 [325212, (IW), 5':W48831, 3':W49812]
970	4		SID W 485162, ESTs [5':AA039403, 3':AA039283]
972	4	IGLL1	IMMUNOGLOBULIN-RELATED 14.1 PROTEIN PRECURSOR Chr.22 [344134, (RW), 5':W73587, 3':W73790]
982	4	NEDD4L	Homo sapiens clone 24477 mRNA sequence Chr.18 [417003, (EW), 5':W87678, 3':W87762]
984	4	SP140	Human lymphoid-specific SP100 homolog (LYSP100-A) mRNA, complete cds Chr.2 [229723, (IRW), 5':H66483, 3':H66484]
994	4		H.sapiens H2B/I geneSID 214006, [5':H70774, 3':H70775]
997	4	LDHB	SID W 510101, Lactate dehydrogenase B [5':AA053094, 3':AA053379]
23	3		Homo sapiens sgk gene Chr. [248589, (DE), 5':N77456, 3':N58770]
34	3		SID W 345378, MutT (E. coli) human homolog (8-oxo-7,8-dihydroguanosine triphosphatase) [5':W76572, 3':W72569]
43	3		SID W 254428, Integrin, alpha 6 [5':N75624, 3':N22383]
49	3		ALDH6 Aldehyde dehydrogenase 6 Chr.15 [488022, (IW), 5':AA053280, 3':AA054748]
50	3		ESTs Chr.14 [416980, (IW), 5':W87618, 3':W87534]

55	3	SGK	Homo sapiens sgk gene Chr.6 [472138, (DEW), 5':AA036720, 3':AA057359]
63	3	CYP1B1	SID W 486055, Cytochrome P450 IB1 (dioxin-inducible) [5':AA043141, 3':AA040872]
65	3		SID W 470146, Human mRNA for KIAA0230 gene, partial cds [5':AA029866, 3':AA029313]
75	3	TNFRSF6	APT1 Apoptosis (APO-1) antigen 1 Chr.10 [151767, (IW), 5':H02935, 3':H04238]
91	3	NR1H3	SID W 357775, Human nuclear orphan receptor LXR-alpha mRNA, complete cds [5':W95560, 3':W95433]
113	3	CALD1	CALD1 Caldesmon Chr.7 [366963, (EW), 5':AA026215, 3':AA026678]
130	3		ESTs, Weakly similar to COAGULATION FACTOR V PRECURSOR [Homo sapiens] Chr. [265494, (R), 5':N31244, 3':N21309]
146	3		ESTs, Weakly similar to gene C35D10.1 protein [C.elegans] Chr. [110503, (DIR), 5':T82817, 3':T89996]
168	3		SID 79319, ESTs [5':T63024, 3':T63170]
192	3		SID W 486439, ESTs, Weakly similar to PEANUT PROTEIN [Drosophila melanogaster] [5':AA042847, 3':AA044396]
207	3	PLEKHC1	H.sapiens mitogen inducible gene mig-2, complete CDS Chr.14 [488643, (IW), 5':AA045936, 3':AA045821]
212	3	ABCC2	H.sapiens mRNA for canalicular multidrug resistance protein Chr.10 [196387, (REW), 5':R91502, SID W 510130, Human intestinal peptide-associated transporter HPT-1 mRNA, complete cds [5':AA053188, 3':AA053102]
219	3	CDH17	
254	3		SID W 488172, ESTs [5':AA057274, 3':AA058719]
257	3	PLAT	SID W 417320, Plasminogen activator, tissue type (t-PA) [5':W88922, 3':W89129]
276	3		Homo sapiens clone 24651 mRNA sequence Chr.7 [487974, (IW), 5':AA054776, 3':AA054588]
281	3		SID 347308, Calcineurin A catalytic subunit [human, testis, mRNA, 2134 nt] [5':W81022, 3':W81058]
297	3	TJP1	SID W 145965, Tight junction protein 1 (zona occludens 1) [5':R79559, 3':R79560]
300	3	FOSL2	ESTs Chr.2 [271441, (DR), 5':, 3':N34799]
309	3	FGF2	FGF2 Fibroblast growth factor 2 (basic) Chr.4 [323776, (EW), 5':W44677, 3':W44678]
314	3	HLA-A	SID W 203527, MHC class I protein HLA-A (HLA-A28,-B40, -Cw3) [5':H56105, 3':H56025]
315	3		H.sapiens mRNA for metallothionein isoform 2 Chr. [484963, (DI), 5':, 3':AA037443]
346	3		SID W 280224, ESTs [5':N50242, 3':N49187]
357	3		ESTsSID 29404, [5':R05578, 3':R05471]
364	3		ESTs Chr.6 [415766, (IR), 5':, 3':W84751]
388	3		ALDH10 Aldehyde dehydrogenase 10 (fatty aldehyde dehydrogenase) Chr.17 [428526, (EW), 5':AA005035, 3':AA004841]
401	3	BACE1	ESTs Chr.11 [416177, (I), 5':, 3':W86081]
413	3		Human mRNA for collagen binding protein 2, complete cds Chr.11 [417353, (DI), 5':W90054, 3':W90013]
422	3		Homo sapiens HuUAP1 mRNA for UDP-N-acetylglucosamine pyrophosphorylase, complete cds Chr.1 [486035, (DIW), 5':AA043109, 3':AA040861]
425	3	CASP4	ICH-2 PROTEASE PRECURSOR Chr.11 [470160, (IW), 5':AA029875, 3':AA029111]
429	3	F11R	SID W 147447, ESTs, Highly similar to F11 antigen [H.sapiens] [5':R81277, 3':R81173]

431	3	CD68	SID W 214236, CD68 antigen [5':H77807, 3':H77636]
438	3	SLC16A1	SLC16A1 Solute carrier family 16 (monocarboxylic acid transporters), member 1 Chr.1 [486175, (RW), 5':AA043610, 3':AA043133]
454	3		SID W 488046, ESTs, Highly similar to HYPOTHETICAL 40.2 KD PROTEIN K12H4.3 IN CHROMOSOME III [Caenorhabditis [5':AA058396, 3':AA053293]
471	3		Chr. [143985, (I), 5':R77051, 3':R76888]
472	3		SID 255725, Mucin 1, transmembrane [5':, 3':N27731]
481	3		ESTs Chr.7 [347761, (DIW), 5':W81508, 3':W81605]
485	3		SID W 346663, ESTs [5':W94188, 3':W74616]
486	3	ADAM9	Human metalloprotease/disintegrin/cysteine-rich protein precursor (MDC9) mRNA, complete cds Chr.8 [324266, (IW), 5':W47561, 3':W47533]
496	3		Homo sapiens clone 23584 mRNA sequence Chr.2 [260982, (I), 5':, 3':H98088]
510	3		SID W 136322, Human cAMP responsive element binding protein beta subunit (CREBPA) mRNA, complete cds [5':R34019, 3':R33481]
519	3	IL6ST	ESTs Chr.5 [487396, (IW), 5':AA046573, 3':AA046660]
520	3	ANXA6	ANX6 Annexin VI (p68) Chr.5 [151358, (IW), 5':H02735, 3':H02626]
521	3		MT1L Metallothionein 1L Chr.1 [297392, (DRW), 5':W03653, 3':N80129]
525	3	RDX	RDX Radixin Chr.11 [488635, (EW), 5':AA044679, 3':AA044896]
531	3	IQGAP2	Human RasGAP-related protein (IQGAP2) mRNA, complete cds Chr.5 [321386, (IRW), 5':W44852, 3':W32272]
532	3		Homo sapiens paraoxonase (PON2) mRNA, complete cds Chr.7 [469841, (IW), 5':AA029800, 3':AA029801]
543	3		ESTs, Highly similar to CMP-N-ACETYLNEURAMINATE-BETA-1,4-GALACTOSIDE ALPHA-2,3-SIALYLTRANSFERAS Chr.3 [51210, (RW), 5':H19226, 3':H19227]
546	3		ESTs Chr.6 [21925, (I), 5':T64784, 3':T72537]
562	3		MIC2 Antigen identified by monoclonal antibodies 12E7, F21 and O13 Chr.XY [486560, (IW), 5':AA043065, 3':AA042947]
566	3		Human metallothionein-Ie gene (hMT-Ie) Chr. [344345, (IW), 5':W73203, 3':W73154]
573	3	DST	Human bullous 230 kDa pemphigoid antigen (BPAG1) mRNA, complete cds Chr.6 [186409, (IW), 5':H44230, 3':H44575]
574	3		SID 297117, Homo sapiens epithelial V-like antigen precursor (EVA) mRNA, complete cds [5':, 3':N70439]
579	3	DBN1	SID 297673, Human drebrin E2 mRNA (DBN1), complete cds [5':, 3':N69879]
580	3		SID 43394, [5':H00122, 3':H05053]
583	3	PTK2	Human focal adhesion kinase (FAK) mRNA, complete cds Chr.8 [470730, (IW), 5':AA031670, 3':AA031671]
586	3		SID 116583, [5':T91927, 3':T91842]
612	3		SID 418389, ESTs [5':W92999, 3':W93000]
622	3		ESTs Chr.1 [125311, (I), 5':R05895, 3':R05810]
624	3		SID 229535, [5':H66594, 3':H66595]

625	3		SID W 294434, Na/taurocholate cotransporting polypeptide [5':W01479, 3':N70966]
629	3		H.sapiens mRNA for rab 13 Chr. [366489, (IW), 5':AA026499, 3':AA026422]
657	3		SID W 346475, ESTs [5':W79267, 3':W73963]
662	3	PTRF	SID W 486685, ESTs, Highly similar to polymerase I-transcript release factor [M.musculus] [5':AA044253, 3':AA044277]
672	3		SID 427845, Human mRNA for KIAA0385 gene, complete cds [5':, 3':AA001849]
682	3	FAU	SID W 469796, Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed (fox derived) [5':AA028085, 3':AA028086]
690	3	HLA-DRB3	HLA-DRB5 Major histocompatibility complex, class II, DR beta 5 Chr.6 [321230, (IEW), 5':W52918, 3':AA037380]
695	3		SID 360233, ESTs [5':AA012995, 3':AA012996]
702	3		SID W 485881, ESTs, Weakly similar to FK506/rapamycin-binding protein FKBP13 precursor [H.sapiens] [5':AA040125, 3':AA040077]
709	3	HLA-DQA1	SID 320393, MHC class II DQ alpha [5':W31838, 3':W16836]
715	3	PRDX1	SID W 484685, Proliferation-associated gene A (natural killer-enhancing factor A) [5':AA037569, 3':AA037489]
717	3	IGSF8	ESTs Chr.1 [486543, (IW), 5':AA043060, 3':AA044426]
721	3	TFCP2	Human transcription factor LSF mRNA, complete cds Chr.12 [366981, (IW), 5':AA027343, 3':AA027344]
729	3		ESTs, Moderately similar to !!!! ALU SUBFAMILY SP WARNING ENTRY !!!! [H.sapiens] Chr.20 [51592, (E), 5':H22744, 3':H24026]
731	3	KRT14	SID W 186875, KERATIN, TYPE I CYTOSKELETAL 14 [5':R88146, 3':R88223]
741	3		Human putative 32kDa heart protein PHP32 mRNA, complete cds Chr.8 [363919, (EW), 5':AA021369, 3':AA021254]
743	3		Homo sapiens mRNA for tob family, complete cds Chr. [376413, (IW), 5':AA039701, 3':AA039702]
746	3		SID W 487188, Neuromedin B [5':AA085872, 3':AA059267]
750	3		SID W 357848, Human M4 protein mRNA, complete cds [5':W95526, 3':W95488]
762	3	FBLN1	FBLN1 Fibulin 1 Chr.22 [471869, (E), 5':, 3':AA035156]
772	3	NID2	Homo sapiens mRNA for osteonidogen, complete cds Chr. [344234, (IW), 5':W70161, 3':W70102]
786	3		ESTs Chr.12 [310744, (IW), 5':W25518, 3':W19311]
793	3	LYN	LYN V-yes-1 Yamaguchi sarcoma viral related oncogene homolog Chr.8 [193913, (IRW), 5':R83836, 3':R83837]
813	3	STXBP1	SID W 380077, Homo sapiens hUNC18a alternatively-spliced mRNA, complete cds [5':AA053982, 3':AA046287]
817	3	TEF	ESTs Chr.22 [25866, (DW), 5':R12308, 3':R37238]
830	3		SID W 195966, ESTs [5':R92646, 3':R91391]
839	3	NEFL	SID 285964, ESTs [5':, 3':N67056]

841	3		ESTs Chr. [345904, (IW), 5':W77824, 3':W72188]
854	3		Chr. [77730, (R), 5':T55932, 3':T55871]
857	3		SID 249641, ESTs [5':H84464, 3':H84465]
861	3		SID W 290000, Homo sapiens clone 23904 mRNA sequence [5':N80073, 3':N64642]
887	3	TP53	TP53 Tumor protein p53 (Li-Fraumeni syndrome) Chr.17 [236338, (IW), 5':H61357, 3':H62385]
891	3		SID W 323652, ESTs, Moderately similar to rhotekin [M.musculus] [5':W45682, 3':W44419]
893	3	LAMP2	LAMP2 Lysosomal-associated membrane protein 2 Chr.X [357407, (IEW), 5':W93718, 3':W93719]
894	3		Homo sapiens clone 24636 mRNA sequence Chr.17 [270519, (IEW), 5':N41935, 3':N33221]
898	3	SEMA4B	ESTs, Weakly similar to semaphorin C [M.musculus] Chr.15 [471095, (I), 5':AA034388, 3':AA034389]
901	3		*MAP KINASE PHOSPHATASE-1 SID W 361263, ESTs [5':AA017646, 3':AA016304]
903	3	UBL5	SID W 486735, Human peptidyl-prolyl isomerase and essential mitotic regulator (PIN1) mRNA, complete cds [5':AA044434, 3':AA044605]
905	3		ESTs Chr.3 [305302, (R), 5':, 3':N95059]
914	3		SID 469544, ESTs [5':, 3':AA027092]
917	3		SID W 357870, ESTs [5':W99346, 3':W99304]
926	3		ESTs Chr.X [418049, (RW), 5':W90727, 3':W90728]
957	3		LYSOSOMAL PRO-X CARBOXYPEPTIDASE PRECURSOR Chr.11 [108840, (EW), 5':T78947, 3':T78895]
968	3		POU6F1 POU homeobox protein Chr.12 [289447, (IRW), 5':N79645, 3':N63968]
974	3		TGM3 Transglutaminase 3 (E polypeptide, protein-glutamine-gamma-glutamyltransferase) Chr.20 [301735, (R), 5':W16819, 3':N90882]
975	3	BBAP	SID W 197549, ESTs [5':R87793, 3':R87731]
986	3		SID W 417405, Homo sapiens glycogenin-2 gamma (glycogenin-2) mRNA, complete cds [5':W88567, 3':W88568]
990	3		ESTs Chr.6 [179193, (IW), 5':H50176, 3':H50128]
992	3		Homo sapiens clone 24736 mRNA sequence Chr.14 [417084, (IR), 5':, 3':W87810]
8	2		SID 197450, Caldesmon [5':H51958, 3':H52087]
12	2		Homo sapiens CAGH3 mRNA, complete cds Chr.2 [485677, (IEW), 5':AA039902, 3':AA041526]
20	2		SID W 324900, ESTs, Moderately similar to ATP sulfurylase/APS kinase [M.musculus] [5':W49748, 3':W49664]
22	2	ARHGDIB	Human GDP-dissociation inhibitor protein (Ly-GDI) mRNA, complete cds Chr.12 [487374, (IW), 5':AA046482, 3':AA046695]
27	2	PLAU	SID 486215, Urokinase-type plasminogen activator [5':, 3':AA040727]
39	2		PRG1 Hematopoetic proteoglycan core protein Chr.10 [488870, (DIW), 5':AA046218, 3':AA046260]
42	2	LGALS3	SID W 510003, Lectin, galactoside-binding, soluble, 3 (galectin 3) (NOTE: redefinition of symbol) [5':AA053492, 3':AA052939]
52	2		SID W 154611, Human mRNA for BST-2, complete cds [5':R54786, 3':R54976]
76	2		*Hs.648 Cut (Drosophila)-like 1 (CCAAT displacement protein) SID W 26677, ESTs [5':R13994, 3':R39117]

78	2	TFPI	SID W 429010, TISSUE FACTOR PATHWAY INHIBITOR PRECURSOR [5':AA004583, 3':AA004712]
90	2	CXCL2	GRO2 GRO2 oncogene Chr.4 [80971, (DIW), 5':T70148, 3':T70079]
96	2	SCHIP1	Homo sapiens clone 24732 unknown mRNA, partial cds Chr.3 [296624, (DIW), 5':W02235, 3':N73979]
101	2	S100A4	PLACENTAL CALCIUM-BINDING PROTEINSID 472180, [5':AA036758, 3':AA057375]
103	2		Human mRNA for KIAA0193 gene, complete cds Chr.7 [362729, (RW), 5':AA018658, 3':AA018659]
104	2	AP1S2	SID 279998, ESTs [5':, 3':N57569]
106	2		SID W 488720, Glutamate-ammonia ligase (glutamine synthase) [5':AA045988, 3':AA046018] ESTs, Highly similar to SYNAPTIC VESICLE PROTEIN 2 [Rattus norvegicus] Chr.1 [285498, (E), 5':, 3':N64039]
142	2		
144	2	PPM2C	ESTs Chr.8 [47378, (R), 5':H10695, 3':H11036]
147	2	CXCL5	NEUTROPHIL ACTIVATING PROTEIN ENA-78 PRECURSORSID 198699, [5':R95145, 3':R95077]
154	2	CTSL	CTSL Cathepsin L Chr.9 [345538, (IRW), 5':W75938, 3':W73874]
172	2	LMO4	SID 286732, Human breast tumor autoantigen mRNA, complete sequence [5':, 3':N67924]
173	2		ESTs, Weakly similar to gene pp21 protein [H.sapiens] Chr.X [486630, (IW), 5':AA044355, 3':AA044033]
174	2		SID 44449, ESTs [5':H05429, 3':H05430]
195	2		SID W 415378, Carbamoyl-phosphate synthetase 1, mitochondrial [5':W78954, 3':W80357] SID W 145409, LOW AFFINITY IMMUNOGLOBULIN GAMMA FC RECEPTOR II C PRECURSOR [5':R78402, 3':R78403]
197	2	FCGR2B	
199	2		Homo sapiens protein 4.1-G mRNA, complete cds Chr.6 [417426, (RE), 5':, 3':W88572]
204	2	TNFAIP2	B94 PROTEIN Chr.14 [487045, (IW), 5':AA044037, 3':AA043983]
208	2	FOS	P55-C-FOS PROTO-ONCOGENE PROTEIN Chr.14 [26474, (DW), 5':R12840, 3':R20750]
217	2		Pregnancy specific beta-1 glycoprotein 5SID 142119, [5':R69149, 3':]
232	2		SID W 323662, Homo sapiens mRNA for KIAA0607 protein, partial cds [5':W44535, 3':W44391]
244	2		SID 301448, ESTs [5':, 3':N89577]
249	2		SID 284548, ESTs [5':N76165, 3':N64757] SID W 203448, HLA CLASS I HISTOCOMPATIBILITY ANTIGEN, B-27 ALPHA CHAIN PRECURSOR [5':H55862, 3':H55770]
251	2	HLA-B	
			SID W 428594, ESTs, Highly similar to MYOSIN-LIKE PROTEIN [Mus musculus] [5':AA005096, 3':AA004908]
265	2		
266	2	PECAM1	SID 257234, Homo sapiens mRNA for nebulin [5':N41586, 3':N30586]
274	2	TM4SF2	CELL SURFACE GLYCOPROTEIN A15 Chr.X [307471, (IRW), 5':W21317, 3':N93505] Chr. [241572, (I), 5':H90613, 3':H90516]
282	2		
291	2		MAP KINASE PHOSPHATASE-1 Chr. [417357, (DI), 5':, 3':W90037]
302	2		SID 469842, Homo sapiens mRNA for fatty acid binding protein, complete cds [5':AA029794, 3':AA029795]
304	2		ESTs Chr.15 [320428, (IW), 5':W31791, 3':W04689]
318	2		Human metallothionein I-B gene Chr.16 [232772, (DIRW), 5':H72722, 3':H72723]
322	2		ESTs Chr.20 [325165, (DW), 5':W48789, 3':W49759]

330	2	MSN	MSN Moesin Chr.X [486864, (IW), 5':AA043008, 3':AA042882]
333	2		ESTs Chr.2 [345050, (IW), 5':W76118, 3':W72796]
347	2	MET	SID 200394, Met proto-oncogene (hepatocyte growth factor receptor) [5':R97217, 3':R97218]
351	2	ARF4L	SID W 487134, ADP-ribosylation factor 4-like [5':AA045389, 3':AA045331]
356	2		SID 359858, ESTs [5':AA010848, 3':AA011287]
362	2		SID W 290015, ESTs [5':N76463, 3':N59360]
363	2		SNF2L1 SNF2 (sucrose nonfermenting, yeast, homolog)-like 1 Chr.X [327111, (IW), 5':W25573,
365	2		SID 290571, ESTs [5':N99650, 3':N71679]
366	2	C6ORF108	*MAP KINASE PHOSPHATASE-1 SID W 417487, Homo sapiens RCL (Rcl) mRNA, complete cds [5':W88894, 3':W88650]
380	2		SID W 150347, STERYL-SULFATASE PRECURSOR [5':H00840, 3':H01224]
383	2	SH3KBP1	ESTs Chr.X [486036, (IW), 5':AA043083, 3':AA040856]
390	2	IFIT2	SID W 509833, INTERFERON-INDUCED 54 KD PROTEIN [5':AA054658, 3':AA056431]
396	2	BCL7A	SID W 322604, ESTs [5':W39322, 3':W15364]
399	2		ESTs Chr.4 [289787, (R), 5':N79910, 3':N63001]
403	2	SLC26A2	ESTs Chr.5 [322537, (RW), 5':W39102, 3':W15263]
410	2	CS	SID W 347719, Homo sapiens citrate synthase mRNA, complete cds [5':W81633, 3':W81517]
411	2		SID 209731, ESTs [5':H52218, 3':H52219]
415	2		ESTs, Weakly similar to BENOMYL/METHOTREXATE RESISTANCE PROTEIN [Candida albicans] Chr.5 [485025, (D), 5':, 3':AA037718]
417	2		Human sialyltransferase SThM (sthm) mRNA, complete cds Chr.17 [376856, (IW), 5':AA047633, 3':AA047532]
418	2	CD4	SID 365647, ESTs [5':AA025998, 3':AA025939]
427	2		Human G protein-coupled receptor GPR-NGA gene, complete cds Chr.12 [45231, (RW), 5':H07970, 3':H07878]
432	2		ESTs Chr.9 [112035, (I), 5':T84746, 3':T91871]
439	2		SID W 174787, Homo sapiens clone 23631 mRNA sequence [5':H30427, 3':H39664]
452	2	GPX1	SID W 415495, Glutathione peroxidase 1 [5':W78964, 3':W80458]
456	2	CREG	SID 485885, ESTs [5':, 3':AA040078]
458	2		SID 267505, ESTs [5':, 3':N25267]
460	2		SID 267859, ESTs [5':, 3':N23315]
465	2	TNFRSF5	SID 261517, Cathepsin B [5':N25156, 3':H98635]
491	2		PYGB Glycogen phosphorylase B (brain form) Chr.20 [324334, (IW), 5':W47652, 3':W47653]
504	2	TCTEL1	SID 470936, Homo sapiens mRNA for for histone H2B, clone pJG4-5-14 [5':AA034106, 3':AA032092]
511	2		SID 470451, ESTs [5':AA031390, 3':AA031346]

514	2		FUT4 Fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific) Chr.11 [146597, (IW), 5':R80037, 3':R79944]
517	2	DAPK1	H.sapiens DAP-kinase mRNA Chr.9 [364934, (R), 5':AA024655, 3':AA025275]
523	2	ENC1	Homo sapiens nuclear matrix protein NRP/B (NRPB) mRNA, complete cds Chr.5 [345985, (IW), 5':W77868, 3':W72085]
536	2	PRKCM	SID 285549, Protein kinase C, mu [5':, 3':N64056]
539	2	SATB1	SATB1 Special AT-rich sequence binding protein 1 (binds to nuclear matrix/scaffold-associating DNA's) Chr.3 [364510, (REW), 5':AA022560, 3':AA022561]
544	2		SID W 510189, Homo sapiens CAG-isl 7 mRNA, complete cds [5':AA053648, 3':AA053259]
548	2		Human 54 kDa progesterone receptor-associated immunophilin FKBP54 mRNA, partial cds Chr.6 [416833, (IRW), 5':W87312, 3':W86653]
557	2	PERP	SID W 305290, ESTs [5':W38893, 3':N95055]
560	2		SID W 270057, Homo sapiens mRNA for KIAA0680 protein, complete cds [5':N40620, 3':N27846]
561	2		G6PD Glucose-6-phosphate dehydrogenase Chr.X [430251, (IW), 5':AA010317, 3':AA010382]
571	2	IFITM2	SID W 487092, INTERFERON-INDUCIBLE PROTEIN 1-8D [5':AA045409, 3':AA045303]
576	2		Human FK-506 binding protein homologue (FKBP38) mRNA, complete cds SID 325311, [5':W51978, 3':W48683]
577	2		SID 380940, [5':, 3':AA058529]
590	2		SID W 376009, HISTONE H1D [5':AA040305, 3':AA040326]
591	2	WWP1	ESTs, Highly similar to RSP5 PROTEIN [Saccharomyces cerevisiae] Chr.8 [415335, (IW), 5':W92065, 3':W92048]
592	2		SID 377620, Human mitochondrial creatine kinase (CKMT) gene, complete cds [5':, 3':AA055540]
596	2		SID W 302617, Human serine kinase mRNA, complete cds [5':W37166, 3':N92251]
605	2	IL13RA1	ESTs Chr.X [297055, (EW), 5':W03870, 3':N73758]
623	2		SID W 150108, ESTs [5':H01751, 3':H01005]
630	2	ARHGEF12	Human mRNA for KIAA0382 gene, partial cds Chr.11 [486712, (IEW), 5':AA043173, 3':AA043174] UDP-GLUCURONOSYLTRANSFERASE 2B10 PRECURSOR, MICROSOMAL Chr. [293742, (IW), 5':N94201, 3':N65943]
645	2		
650	2	RPH3AL	SID 84961, ESTs [5':, 3':T74766]
651	2		SID W 328550, ATL-derived PMA-responsive (APR) peptide [5':W40533, 3':W40261]
661	2	TIMP2	SID W 325120, Tissue inhibitor of metalloproteinase 2 [5':W49721, 3':W49722]
664	2		SID 512475, Human chromosome 3p21.1 gene sequence, complete cds [5':, 3':AA058689]
666	2		SID 471429, ESTs, Moderately similar to putative transcription factor CA150 [H.sapiens] [5':AA035262, 3':AA035263]
670	2		SID 281554, ESTs [5':N53877, 3':N51599]

675	2		GPD2 Glycerol-3-phosphate dehydrogenase 2 (mitochondrial) Chr.2 [428756, (RW), 5':AA005218, 3':AA005219]
680	2	APOM	ESTs Chr.6 [376876, (IW), 5':AA047646, 3':AA047660]
683	2		H.sapiens mRNA for TRAMP protein Chr.8 [489060, (EW), 5':AA056956, 3':AA057165]
685	2		H.sapiens mRNA for MN1 protein (clone ICRFp507I0498) Chr.22 [253251, (IW), 5':H89207, 3':H89103]
688	2	SFRP1	Human dsRNA adenosine deaminase DRADA2b (DRADA2b) mRNA, complete cds Chr.21 [366507, (I), 5':AA026718, 3':AA026607]
694	2		SID W 377132, H.sapiens MacMarcks mRNA [5':AA055058, 3':AA055059]
699	2	DDR1	EDDR1 Receptor protein-tyrosine kinase EDDR1 Chr.6 [182288, (IW), 5':H41939, 3':H41900]
700	2		SID 158223, [5':, 3':H26664]
728	2	IL4R	SID W 187987, Interleukin 4 receptor [5':H44763, 3':H44764]
734	2	PRKCD	SID W 428733, PROTEIN KINASE C, DELTA TYPE [5':AA005214, 3':AA005215]
736	2		*HLA CLASS I HISTOCOMPATIBILITY ANTIGEN B-27 ALPHA CHAIN PRECURSOR SID 485419, Homo sapiens clone 23675 mRNA sequence [5':, 3':AA039842]
737	2		SID 488362, ESTs [5':AA046764, 3':AA046492]
755	2		Homo sapiens mRNA for DEC1, complete cds Chr.9 [301487, (EW), 5':W16686, 3':N79533]
764	2	GRB10	Human mRNA for KIAA0207 gene, complete cds Chr.7 [357562, (IW), 5':W94026, 3':W94015]
766	2		SID W 305046, ESTs [5':W39034, 3':N92548]
781	2		Homo sapiens mRNA for hTCF-4 Chr.10 [305474, (IW), 5':W39059, 3':N89802]
805	2	ARGBP2	SID W 427956, Homo sapiens Arg/Abl-interacting protein ArgBP2a (ArgBP2a) mRNA, complete cds [5':AA002027, 3':AA001823]
824	2	VEGF	SID W 488697, Vascular endothelial growth factor [5':AA045970, 3':AA045836]
825	2		ESTs Chr.8 [277204, (E), 5':N46815, 3':N40957]
828	2		SID W 151125, ESTs [5':H03902, 3':H03903]
844	2	CRAT	SID W 485886, Carnitine acetyltransferase [5':AA040121, 3':AA040072]
848	2		ESTs Chr.14 [471195, (IW), 5':AA033536, 3':AA034220]
849	2	PIK3R1	SID W 293640, Human P13-kinase associated p85 mRNA sequence [5':N94253, 3':N69643]
850	2		ESTs, Highly similar to GLUTAMINASE, KIDNEY ISOFORM PRECURSOR [Rattus norvegicus] Chr.2 [346027, (I), 5':, 3':W72090]
855	2	ELL2	ESTs Chr.5 [309918, (DW), 5':W23946, 3':N94496]
871	2		SID 295677, H.sapiens CHML mRNA [5':, 3':N66913]
876	2		CDC2L1 Cell division cycle 2-like 1 (PITSLRE proteins) Chr.4 [470514, (IW), 5':AA031830, 3':AA031831]
878	2		SID W 114847, Homo sapiens clone 23781 mRNA sequence [5':T87382, 3':T79842]
884	2	APOC3	SID W 364983, Apolipoprotein C-III [5':AA024931, 3':AA024826]
888	2		SID W 429859, Villin 2 (ezrin) [5':AA009432, 3':AA009433]
890	2		ATP6B2 ATPase, H+ transporting, lysosomal (vacuolar proton pump), beta polypeptide, 56/58kD, isoform 2 Chr.8 [380399, (IW), 5':AA047053, 3':AA047042]

902	2		ESTs Chr.12 [366481, (DIRW), 5':AA026495, 3':AA026418]
904	2	SYNJ1	ESTs Chr.21 [148716, (IW), 5':H12808, 3':H12764]
906	2		SID 42908, [5':R60081, 3':R60021]
920	2	SLC12A2	SID W 238612, Human bumetanide-sensitive Na-K-Cl cotransporter (NKCC1) mRNA, complete cds [5':H65168, 3':H65116]
927	2	FGFR3	SID 210625, ESTs [5':H66090, 3':H66045]
929	2	AP1G2	Homo sapiens gamma2-adaptin (G2AD) mRNA, complete cds Chr.14 [415647, (IW), 5':W78996,
932	2		SID W 486808, Thiosulfate sulfurtransferase (rhodanese) [5':AA043289, 3':AA043290]
935	2		ESTs Chr.2 [239835, (R), 5':H80669, 3':H80633]
938	2	MOAP1	SID W 242844, ESTs, Moderately similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens] [5':H94138, 3':H94064]
940	2	APBA2	Human X11 protein mRNA, partial cds Chr.15 [40946, (RW), 5':R55870, 3':R55789]
944	2	LGMN	SID W 358754, Human mRNA for cysteine protease, complete cds [5':W94449, 3':W94332]
951	2	ASS	SID W 510308, Argininosuccinate synthetase [5':AA053730, 3':AA053546]
953	2		SID W 52705, Homo sapiens clones 24622 and 24623 mRNA sequence [5':H29149, 3':H29047]
956	2		SID 207193, ESTs [5':H48865, 3':H48588]
959	2		ESTs Chr.20 [429352, (IR), 5':AA007515, 3':AA007516]
965	2		Human syntaxin 3 mRNA, complete cds Chr.11 [135640, (IW), 5':R32376, 3':R32377]
971	2		SID W 469850, ESTs [5':AA028161, 3':AA028136]
973	2		SID 279861, ESTs [5':, 3':N38845]
979	2	SNX2	CBFA2 Proto-oncogene AML1 {alternative products} Chr.21 [487687, (E), 5':AA058806, 3':AA045229]
980	2		H.sapiens OB-RGRP gene Chr.1 [485960, (EW), 5':AA040627, 3':AA040165]
981	2	ZNF238	SID 308011, ESTs [5':W24493, 3':N95292]
983	2	DNMT3B	SID 276915, ESTs [5':N48564, 3':N39452]
996	2		SID 286197, PRE-B-CELL LEUKEMIA TRANSCRIPTION FACTOR-3 [5':, 3':N64346]
999	2		SID W 238794, Alkaline phosphatase, liver/bone/kidney [5':H65007, 3':H65008]
1000	2		HSD17B2 17 beta hydroxysteroid dehydrogenase, type 2 Chr.16 [254687, (I), 5':N71603, 3':N23665]
2	1	FN1	SID 512287, Human neuronal pentraxin 1 (NPTX1) mRNA, complete cds [5':AA057692, 3':AA057694]
9	1		IF I factor (complement) Chr.4 [328573, (IW), 5':W40484, 3':W40153]
13	1	PRKAG1	SID W 376178, Human 5'-AMP-activated protein kinase, gamma-1 subunit mRNA, complete cds [5':AA040683, 3':AA040600]
17	1		FN1 Fibronectin 1 Chr.2 [136798, (IEW), 5':R36450, 3':R36451]
61	1		SID 292868, ESTs [5':N91076, 3':N63671]
66	1		CNN3 Calponin 3, acidic Chr.1 [486787, (RW), 5':AA043227, 3':AA043228]
70	1	S100A6	Cell division cycle 2-like 1 (PITSLRE proteins)SID 486070, [5':AA040884, 3':AA040885]
83	1	SORL1	SID W 294506, Human clone 23815 mRNA sequence [5':W01902, 3':N71007]
107	1	NUBP1	SID W 376052, Human nucleotide-binding protein mRNA, complete cds [5':AA039305, 3':AA039353]

108	1		ESTs Chr.8 [299396, (I), 5':, 3':N70666]
121	1		ESTs Chr.11 [321203, (E), 5':W52908, 3':AA037351]
122	1		Homo sapiens lysyl hydroxylase isoform 2 (PLOD2) mRNA, complete cds Chr.3 [310449, (IW), 5':W30982, 3':N98463]
124	1		SID W 364477, ESTs [5':AA022778, 3':AA022631]
127	1	TXNIP	Brain-expressed HHCPA78 homolog [human, HL-60 acute promyelocytic leukemia cells, mRNA, 2704 nt] Chr.1 [488488, (DIW), 5':AA044760, 3':AA044633]
132	1	C1S	SID W 377346, Complement component 1, s subcomponent [5':AA055520, 3':AA055521]
134	1		CHDR Chlordecone reductase Chr.10 [86102, (DI), 5':, 3':T73242]
137	1	ITGA3	SID W 290871, Integrin alpha-3 subunit [5':N99380, 3':N71998]
138	1	SEC15L2	SID W 264241, ESTs [5':N29052, 3':N20673]
145	1	FOXD1	Human transcription factor, forkhead related activator 4 (FREAC-4) mRNA, complete cds Chr. [345527, (DW), 5':W76287, 3':W72438]
156	1		Homo sapiens enhancer of filamentation (HEF1) mRNA, complete cds Chr.6 [298960, (DE), 5':, 3':N71155]
167	1	MYLK	SID W 301416, ESTs [5':W16939, 3':N89600]
170	1	CYP24A1	SID W 248955, Human mitochondrial 1,25-dihydroxyvitamin D3 24-hydroxylase mRNA, complete cds [5':H82378, 3':H82272]
175	1	TPD52	Human 19.8 kDa protein mRNA, complete cds Chr.8 [360768, (IW), 5':AA016984, 3':AA016250]
183	1		SID W 358506, Alpha-1 type XVI collagen [5':W95831, 3':W96115]
191	1		SID W 195336, Homo sapiens BAC clone RG113D17 from 7p14-p15 [5':R88882, 3':R89565]
198	1		SID W 428161, Chediak-Higashi syndrome 1 [5':AA001795, 3':AA001873]
215	1		AHR AH-receptor Chr.7 [343397, (IEW), 5':W67336, 3':W67226]
246	1		SID W 357800, ESTs [5':W95568, 3':W95461]
250	1		ESTs Chr.11 [284414, (I), 5':, 3':N52161]
255	1		ESTs Chr.1 [48289, (RW), 5':H12289, 3':H12290]
260	1	RAB32	Human low-Mr GTP-binding protein (RAB32) mRNA, partial cds Chr.6 [377653, (IW), 5':AA055999, 3':AA055997]
262	1		HLA-DRB5 Major histocompatibility complex, class II, DR beta 5 Chr.6 [235903, (IEW), 5':H52342, 3':H52245]
267	1	AQP3	SID W 296424, ESTs, Highly similar to AQUAPORIN 3 [Rattus norvegicus] [5':W00882, 3':N74607] SID 470504, Human NADH:ubiquinone oxidoreductase subunit B13 (B13) mRNA, complete cds [5':AA031710, 3':AA031646]
268	1		
270	1		Hemoglobin, alpha 1 Chr. [469647, (E), 5':AA027875, 3':AA027832]
271	1	CD9	CD9 CD9 antigen Chr.12 [306170, (IW), 5':W20026, 3':N90536]
275	1	ETV5	SID W 469299, ETS-RELATED PROTEIN ERM [5':AA026205, 3':AA026121]
288	1	IER3	ESTs, Highly similar to 0-44 PROTEIN [Rattus norvegicus] Chr.1 [471556, (D), 5':AA034978, 3':AA034912]
294	1	FHL2	Homo sapiens (clone 35.3) DRAL mRNA, complete cds Chr.2 [324636, (IW), 5':W46933, 3':W46835]

299	1		ESTs Chr.2 [241080, (R), 5':H91414, 3':H91313]
305	1	BIRC3	Human IAP homolog C (MIHC) mRNA, complete cds Chr.11 [428231, (REW), 5':AA002125, 3':AA002126] *Plasminogen activator inhibitor type I SID 487418, Filamin 1 (actin-binding protein-280) [5':AA046606, 3':AA046721]
311	1	FLNA	
313	1	HSPA1A	ESTs Chr.5 [276699, (D), 5':N46551, 3':N40464]
329	1	ANK3	SID 427819, Ankyrin G [5':, 3':AA001682]
335	1	SERPINA1	SID 358836, [5':W94701, 3':W94573] SID W 299539, Human fibroblast growth factor homologous factor 1 (FHF-1) mRNA, complete cds [5':W05845, 3':N71102]
337	1	FGF12	
339	1	APEG1	Human APEG-1 mRNA, complete cds Chr.2 [35077, (RW), 5':R25020, 3':R43778]
340	1		SID W 484686, ESTs [5':AA037564, 3':AA037485]
343	1		SID 361815, ESTs [5':W92498, 3':W92435]
344	1		PRKACB Protein kinase, cAMP-dependent, catalytic, beta Chr.1 [362926, (IRW), 5':AA018979, 3':AA018980]
358	1		SID 196296, Cytochrome P450 IIIA5 (nifedipine oxidase chain 5) [5':R92515, 3':R92425] Human mRNA for lysosomal sialoglycoprotein, complete cds Chr.4 [489103, (IW), 5':AA056647, 3':AA056481]
367	1		
368	1		ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens] Chr.12 [320313, (IW), 5':W31529, 3':W04630]
375	1		SID 323572, ESTs [5':W44378, 3':W45731]
379	1		Human myosin-IC mRNA, complete cds Chr.15 [488373, (IW), 5':AA044882, 3':AA044832] SID W 359076, ESTs, Highly similar to HYPOTHETICAL 16.5 KD PROTEIN IN PAS8-EGT2 INTERGENIC REGION [Saccharomy [5':W92352, 3':W92316]
381	1		
385	1		SID 179080, ESTs [5':, 3':H50076]
392	1		*MAP KINASE PHOSPHATASE-1 SID W 417503, Uroporphyrinogen III synthase [5':W88806, 3':W88807]
419	1		SID 109705, [5':T82082, 3':T81770]
433	1	PRKCB1	PRKCB1 Protein kinase C, beta 1 Chr.16 [281704, (EW), 5':N53259, 3':N48061]
436	1		Homo sapiens clone 23664 and 23905 mRNA sequence Chr.4 [290275, (IW), 5':N77566, 3':N62278]
441	1		Homo sapiens clone 24477 mRNA sequence Chr.18 [33059, (IEW), 5':R19498, 3':R43846]
448	1	PPP4C	SID W 376394, Protein phosphatase 4 (formerly X), catalytic subunit [5':AA041409, 3':AA041370]
449	1		SID W 142383, ESTs [5':R69925, 3':R69877]
467	1		ESTs Chr.1 [42035, (R), 5':R59067, 3':R59068]
473	1	HBA2	SID 130532, Glucuronidase, beta [5':R21900, 3':R21901] SID W 84078, UDP-GLUCURONOSYLTRANSFERASE 1A PRECURSOR, MICROSOMAL [5':T71061, 3':T70999]
476	1	UGT1A10	
483	1		IGL Immunoglobulin lambda light chain Chr.22 [207718, (I), 5':H62289, 3':H62290]

484	1	LMO7	Human zinc-finger domain-containing protein mRNA, partial cds Chr.13 [428851, (EW), 5':AA005299, 3':AA005300]
487	1		SID 249704, ESTs [5':H85741, 3':H85457]
488	1	RUNX1	CBFA2 Proto-oncogene AML1 {alternative products} Chr.21 [157828, (EW), 5':R73338, 3':R72866]
501	1	SGNE1	SID W 416854, Secretory granule, neuroendocrine protein 1 (7B2 protein) [5':W87276, 3':W87277]
505	1		SID 278463, ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens] [5':N98750, 3':N66121]
518	1		ESTs, Weakly similar to GTPASE-ACTIVATING PROTEIN SPA-1 [M.musculus] Chr.1 [471744, (IW), 5':AA035016, 3':AA035484]
530	1		SID 221307, [5':, 3':H89940]
554	1		SID W 179993, ESTs [5':R84570, 3':R85462]
559	1		SID W 277820, ESTs, Weakly similar to line-1 protein ORF2 [H.sapiens] [5':N64174, 3':N64175]
567	1		FOS-RELATED ANTIGEN 2 Chr.2 [77577, (DRW), 5':T58932, 3':T58873]
568	1		ESTs Chr.17 [220236, (I), 5':H85382, 3':H84743]
575	1		SID 110844, ESTs [5':T83194, 3':T90664]
581	1	C4A	Complement component 4ASID 486997, [5':AA043820, 3':AA043936]
584	1		SID 280937, H.sapiens mRNA for Pirin, isolate 1 [5':N47571, 3':N47572]
585	1	PSMB8	PROTEASOME COMPONENT C13 PRECURSOR Chr.6 [344774, (IW), 5':W74742, 3':W74705]
588	1	CSRP2	SID W 377611, Homo sapiens cysteine and glycine-rich protein 2 (CSRP2) mRNA, complete cds [5':AA055757, 3':AA055758]
589	1	S100A11	SID W 510059, Human mRNA for calgizzarin, complete cds [5':AA053457, 3':AA053417]
626	1		SID 278889, ESTs [5':, 3':N66623]
633	1	TRIP6	Human mRNA for KIAA0182 gene, partial cds Chr.16 [484933, (I), 5':AA037549, 3':AA037466]
637	1	NFATC3	ESTs Chr.16 [344900, (IW), 5':W76184, 3':W72985]
641	1		SID 28739, EST [5':, 3':R40837]
663	1		INPP1 Inositol polyphosphate-1-phosphatase Chr.2 [183876, (EW), 5':H30231, 3':H26976]
668	1	PRKACB	SID W 486136, Protein kinase, cAMP-dependent, catalytic, beta [5':AA040710, 3':AA040711]
669	1		ESTRADIOL 17 BETA-DEHYDROGENASE 1 Chr.17 [150497, (EW), 5':H01907, 3':H01908]
678	1		SID 201063, [5':, 3':H48285]
687	1	AHR	AHR AH-receptor Chr.7 [417287, (IE), 5':, 3':W87899]
689	1	FAF1	ESTs Chr.1 [51260, (RW), 5':H18736, 3':H18649]
693	1		SID 375569, [5':, 3':AA027249]
703	1	M6PR	SID W 471258, Mannose-6-phosphate receptor (cation dependent) [5':AA034480, 3':AA034481]
705	1		SID W 61539, Cytochrome P450, subfamily IIC (mephenytoin 4-hydroxylase), polypeptide 9 [5':T40065, 3':T40987]
706	1	IGFBP3	SID W 376184, INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 3 PRECURSOR [5':AA040685, 3':AA040602]

713	1		SID 295884, ESTs [5':, 3':N73508]
724	1		SID 277106, ESTs [5':N46756, 3':N39609]
738	1	SET7	SID 471826, ESTs [5':, 3':AA035639]
740	1		Human mRNA for mitochondrial 3-oxoacyl-CoA thiolase, complete cds Chr.18 [470784, (IW), 5':AA031863, 3':AA031697]
752	1		SID 486356, ESTs, Highly similar to ZINC FINGER PROTEIN 43 [Homo sapiens] [5':AA043742, 3':AA043743]
753	1		Human frezzled (fre) mRNA, complete cds Chr.2 [416332, (I), 5':, 3':W86836]
769	1		SID W 179203, ESTs [5':H50216, 3':H50217]
776	1		Human histone H2B.1 mRNA, 3' end Chr.1 [430235, (DRW), 5':AA010281, 3':AA010223]
777	1	PEX5	SID W 485227, Peroxisome receptor 1 [5':AA039506, 3':AA039507]
789	1		SID 114959, [5':T86352, 3':T86353]
791	1		ESTs Chr.6 [42225, (R), 5':R60730, 3':R60731]
800	1		ESTs Chr.4 [366830, (IRW), 5':AA029506, 3':AA029441]
802	1		SID 241394, ESTs [5':H90373, 3':H91282]
806	1		SID 231511, ESTs [5':, 3':H92608]
811	1		SID 489048, ESTs [5':AA056950, 3':AA057159]
816	1		SID 28925, ESTs [5':, 3':R40371]
818	1	SAT	SID W 487351, Spermidine/spermine N1-acetyltransferase [5':AA040660, 3':AA045536]
819	1		SID 381576, ESTs [5':AA059032, 3':AA058968]
820	1	CITED2	Human msg1-related gene 1 (mrg1) mRNA, complete cds Chr.6 [486003, (DEW), 5':AA040844, 3':AA040200]
822	1		SID W 470807, ESTs [5':AA031974, 3':AA031975]
823	1		SID W 257946, H.sapiens mRNA for transcript associated with monocyte to macrophage differentiation [5':N40480, 3':N27074]
829	1	KIF1B	ESTs, Weakly similar to !!!! ALU SUBFAMILY J WARNING ENTRY !!!! [H.sapiens] Chr.1 [328234, (IW), 5':W39272, 3':W31909]
834	1		Human lunatic fringe mRNA, partial cds Chr. [40887, (R), 5':R56561, 3':R56562]
835	1		ESTs Chr.9 [320852, (I), 5':, 3':W44791]
840	1	CASK	Homo sapiens CASK mRNA, complete cds Chr. [509800, (IRW), 5':AA045964, 3':AA045965]
845	1		SID 192945, Human mRNA for KIAA0032 gene, complete cds [5':, 3':H41407]
846	1	GNB2L1	ESTs Chr.1 [180317, (I), 5':R85315, 3':R85266]
847	1		ESTs Chr.10 [286510, (I), 5':, 3':N64560]
851	1	EMP2	ESTs Chr.16 [343062, (IW), 5':W67837, 3':W67973]
858	1		ESTs Chr.6 [200015, (R), 5':R97184, 3':R97185]
860	1		SID W 366889, Keratin 17 [5':AA026100, 3':AA026642]

862	1	SERPIND1	SID W 296087, Heparin cofactor II [5':W00805, 3':N69996]
866	1	HIST1H2AC	Human histone 2A-like protein (H2A/I) mRNA, complete cds Chr.6 [140283, (EW), 5':R66813, 3':R67912]
869	1		SID W 152260, ESTs [5':H04843, 3':H04753]
880	1		SID 45364, ESTs [5':H08004, 3':H07911]
882	1		*EST AA868410 SID W 364618, ESTs [5':AA022799, 3':AA022707]
885	1	PPP3CA	SID 280800, ESTs [5':, 3':N50664]
915	1		ESTs Chr.7 [487499, (I), 5':AA045157, 3':AA045115]
916	1		ESTs Chr.12 [292320, (E), 5':N80960, 3':N68266]
919	1	CLDN11	SID W 254433, Homo sapiens oligodendrocyte-specific protein (OSP) mRNA, complete cds [5':N75630, 3':N22392]
925	1		5-HYDROXYTRYPTAMINE 2B RECEPTOR Chr.2 [272690, (IR), 5':N44163, 3':N36174]
933	1	PLS1	SID W 381819, Plastin 1 (I isoform) [5':AA059293, 3':AA059061]
943	1		AGA Aspartylglucosaminidase Chr.4 [486604, (IW), 5':AA044339, 3':AA044221]
945	1		SID W 363539, Enolase 2, (gamma, neuronal) [5':AA019761, 3':AA019718]
946	1		SID W 323824, NADH-CYTOCHROME B5 REDUCTASE [5':W46211, 3':W46212]
961	1		ESTs Chr.17 [257685, (I), 5':N40031, 3':N27293]
967	1	MDM2	MDM2 Mouse double minute 2, human homolog of; p53-binding protein Chr.12 [147075, (RW), 5':R80343, 3':R80235]
978	1	LASP1	Homo sapiens clone 23766 mRNA sequence Chr.X [41940, (R), 5':R59086, 3':R59087]
987	1		SID 49652, ESTs [5':H28810, 3':H28792]
988	1		SID W 51104, ESTs [5':H19218, 3':H19219]
993	1		SID W 280229, ESTs [5':N50250, 3':N49196]
998	1		SID 53127, ESTs [5':, 3':R15898]