

Additional File 2: Complete lists of the genes identified in the RGP and Met libraries. The tables contain the identifier, the annotations of the genes represented in the RGP and Met libraries and indicate the number of occurrences for each gene among the clones sequenced from each library.

Table S1: Genes represented in the RGP SSH library ^a

Gene	Gene Symbol	Accession number	Unigene	Chromosome	Redundancy
acetyl-Coenzyme A acetyltransferase 2	ACAT2	NM_005891	Hs.571037	chr6	2
actin, beta	ACTB	NM_001101	Hs.520640	chr7	3
actin, gamma 1	ACTG1	NM_001614	Hs.514581	chr17	2
actin-like 6A	ACTL6A	NM_004301	Hs.435326	chr3	1
AE(adipocyte enhancer)-binding protein 2	AEBP2	NM_153207	Hs.126497	chr12	1
A kinase (PRKA) anchor protein (yotiao) 9	AKAP9	NM_147166	Hs.651221	chr7	1
pyrroline-5-carboxylate synthetase	ALDH18A1	NM_002860	Hs.500645	chr10	1
aldehyde dehydrogenase 3 family, member A2	ALDH3A2	NM_000382	Hs.499886	chr17	1
aldehyde dehydrogenase 9 family, member A1	ALDH9A1	NM_000696	Hs.2533	chr1	1
amyotrophic lateral sclerosis 2 (juvenile) chromosome	ALS2CR7	NM_139158	Hs.348711	chr2	10
amphoterin induced gene 2	AMIGO2	NM_181847	Hs.121520	chr12	1
angiopoietin 1	ANGPT1	NM_001146	Hs.369675	chr8	1
anillin, actin binding protein (scraps homolog,Drosophila)	ANLN	NM_018685	Hs.62180	chr7	2
acidic (leucine-rich) nuclear phosphoprotein 32	ANP32E	NM_030920	Hs.603000	chr1	1
annexin A2	ANXA2	NM_004039	Hs.511605	chr15	1
adaptor-related protein complex 1, gamma 1 subunit	AP1G1	NM_001128	Hs.461253	chr16	1
Rho GTPase activating protein 18	ARHGAP18	NM_033515	Hs.486458	chr6	1
ubiquitin-conjugating enzyme E2 binding protein, 1 (Drosophila)	ARIH1	NM_005744	Hs.268787	chr15	1
ariadne homolog 2	ARIH2	NM_006321	Hs.31387	chr3	1
actin related protein 2/3 complex, subunit 3, 21kDa	ARPC3	NM_005719	Hs.524741	chr12	1
activating transcription factor 4 (tax-responsive enhancer element B67)	ATF4	NM_182810	Hs.496487	chr22	1
ATP synthase, H+ transporting, mit. F0 complex, subunit F6	ATP5J	NM_001685	Hs.246310	chr21	1
alpha thalassemia/mental ret. syndrome X-linked(RAD54 h., S. cerevisiae)	ATRX	NM_000489	Hs.533526	chrX_	1
HLA-B associated transcript 1	BAT1	NM_004640	Hs.254042	chr6	1
bobby sox homolog	BBX	NM_020235	Hs.124366	chr3	1
Bcl-2-associated transcription factor	BCLAF1	NM_014739	Hs.486542	chr6	1
chromosome 12 open reading frame 4	C12orf4	NM_020374	Hs.302977	chr12	1
chromosome 13 open reading frame 3	C13orf3	NM_145061	Hs.88523	chr13	1
chromosome 14 open reading frame 108	C14orf108	NM_018229	Hs.528653	chr14	1
chromosome 14 open reading frame 112	C14orf112	NM_016468	Hs.137108	chr14	1
chromosome 14 open reading frame 2	C14orf2	NM_004894	Hs.109052	chr14	1
chromosome 15 open reading frame 41	C15orf41	NM_032499	Hs.48348	chr15	1
chromosome 1 open reading frame 103	C1orf103	NM_018372	Hs.25245	chr1	1
chromosome 21 open reading frame 6	C21orf6	NM_016940	Hs.34136	chr21	1
chromosome 4 open reading frame 27	C4orf27	NM_017867	Hs.406756	chr4	1

6 open reading frame 166	C6orf166	NM_018064	Hs.485915	chr6	1
chromosome 6 open reading frame 96	C6orf96	NM_017909	Hs.486835	chr6	1
calcium binding protein 39	CAB39	NM_016289	Hs.632536	chr2	1
adenylate cyclase-associated protein, 2	CAP2	AL832154	Hs.132902	chr6	1
calpain 2, (m/II) large subunit	CAPN2	NM_001748	Hs.350899	chr1	1
coiled-coil domain containing 80	CCDC80	NM_199511	Hs.477128	chr3	1
coiled-coil domain containing 82	CCDC82	NM_024725	Hs.525088	chr11	1
cyclin B1	CCNB1	NM_031966	Hs.23960	chr5	1
cyclin I	CCNI	NM_006835	Hs.648010	chr4	1
CD164 antigen, sialomucin	CD164^b	NM_006016	Hs.520313	chr6	1RGP, 1MET
non-kinase Cdc42 effector protein SPEC2	CDC42SE2	NM_020240	Hs.508829	chr5	1
cell division cycle 73, Paf1/RNA polymerase II complex component, homolog	CDC73	NM_024529	Hs.576497	chr1	1
centromere protein N	CENPN	NM_018455	Hs.55028	chr16	1
H factor 1 (complement) (HF1)	CFH	NM_000186	Hs.363396	chr1	5
coiled-coil-helix-coiled-coil-helix domain containing 7	CHCHD7	NM_024300	Hs.436913	chr8	1
C-type lectin domain family 2, member B	CLECSF2^b	NM_005127	Hs.85201	chr12	1RGP, 1MET
chloride intracellular channel 4	CLIC4	NM_013943	Hs.440544	chr1	1
cornichon homolog 4	CNIH4	NM_014184	Hs.445890	chr1	1
CCR4-NOT transcription complex, subunit 7	CNOT7	NM_054026	Hs.598387	chr8	2
coagulation factor C homolog, cochlin	COCH	NM_004086	Hs.21016	chr14	1
collagen, type XV, alpha 1	COL15A1	NM_001855	Hs.409034	chr9	1
CGI-120 protein	COPZ1^b	NM_016057	Hs.505652	chr12	1RGP, 1MET
coronin, actin binding protein, 1C	CORO1C	NM_014325	Hs.637894	chr12	1
cytochrome c oxidase subunit VIIa polypeptide 2	COX7A2	NM_001865	Hs.70312	chr6	1
copine III	CPNE3	NM_003909	Hs.191219	chr8	1
cutA divalent cation tolerance homolog	CUTA	NM_015921	Hs.520070	chr6	1
chemokine (C-X-C motif) ligand 11	CXCL11	NM_005409	Hs.632592	chr4	2
DAZ associated protein 2	DAZAP2	NM_014764	Hs.369761	chr12	1
decorin	DCN	NM_133503	Hs.156316	chr12	8
DCP2 decapping enzyme homolog	DCP2	NM_152624	Hs.443875	chr5	1
dynactin 4 (p62)	DCTN4	NM_016221	Hs.328865	chr5	1
dynactin 6	DCTN6	NM_006571	Hs.158427	chr8	1
EST DKFZp781I0229	DCUN1D1	BX643780	Hs.104613	chr3	1
DEAD (Asp-Glu-Ala-Asp) box polypeptide 1	DDX1	NM_004939	Hs.440599	chr2	2
DEAD (Asp-Glu-Ala-Asp) box polypeptide 17	DDX17	NM_030881	Hs.528305	chr22	1
DEAD (Asp-Glu-Ala-Asp) box polypeptide 23	DDX23	NM_004818	Hs.130098	chr12	1
DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 27	DDX27	NM_017895	Hs.65234	chr20	1
DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked	DDX3X	NM_001356	Hs.380774	chrX	1
denticleless homolog	DTL	NM_016448	Hs.126774	chr1	1
DTW domain containing 1	DTWD1	NM_020234	Hs.127432	chr15	1
dynein, cytoplasmic, intermediate polypeptide 2	DYNC1I2	NM_001378	Hs.546250	chr2	1
epithelial cell transforming sequence 2 oncogene	ECT2	NM_018098	Hs.518299	chr3	1
clone IMAGE:3629020	EIF4B	BC013994	Hs.292063	chr12	1
cDNA: FLJ23586 fis	EIF4E2	AK027239	Hs.292026	chr2	1
eukaryotic translation initiation factor 4 gamma	EIF4G2	NM_001418	Hs.183684	chr11	2

ELAV (embryonic lethal, ab.vision, Drosolike(Hu antigen R) ectonucleotide pyrophosphatase/phosphodiesterase 1	ELAVL1	NM_001419	Hs.184492	chr19	1
family with sequence similarity 29	ENPP1	NM_006208	Hs.527295	chr6	1
cDNA FLJ31911 fis	FAM29A	NM_017645	Hs.533468	chr9	1
family with sequence similarity 54	FAM33A	AK056473	Hs.463607	chr17	2
family with sequence similarity 60	FAM54A	NM_138419	Hs.121536	chr6	2
family with sequence similarity 62	FAM60A^b	NM_021238	Hs.505154	chr12	1RGP, 1MET
F-box only protein 5	FAM62A	NM_015292	Hs.632729	chr12	1
farnesyl diphosphate synthase	FBXO5	NM_012177	Hs.645478	chr6	1
FGFR1 oncogene partner 2	FDPS	NM_002004	Hs.335918	chr1	1
hypothetical protein FLJ10292	FGFR1OP2	NM_015633	Hs.591162	chr12	1
hypothetical protein FLJ11184	FLJ10292	NM_018048	Hs.104650	chr12	1
hypothetical protein DKFZp566D234	FLJ11184	NM_018352	Hs.267446	chr4	1
GATA binding protein 3	FSTL5	NM_020116	Hs.591707	chr4	3
FLJ38642 fis	GATA3	NM_002051	Hs.524134	chr10	1
	GJA7	AK095961	Hs.596755	chr17	1

melanoma antigen family C, 2	MAGEC2	NM_016249	Hs.123536	chrX	1
hypothetical protein MGC44669	MBOAT1	NM_175879	Hs.377830	chr6	4
malate dehydrogenase 1, NAD (soluble)	MDH1	NM_005917	Hs.526521	chr2	1
nuclear protein double minute 1	MDM1	NM_017440	Hs.591036	chr12	1
FLJ39869 fis	MDM4	AK097188	Hs.497492	chr1	1
microfibrillar-associated protein 4	MFAP4	NM_002404	Hs.296049	chr17	3
mitochondrial ribosomal protein L48	MRPL48	NM_016055	Hs.503239	chr11	1
c-myc binding protein	MYCBP	NM_012333	Hs.591506	chr1	2
MYST histone acetyltransferase 2	MYST2	NM_007067	Hs.21907	chr17	1
hypothetical protein DJ328E19.C1.1	NBPF14^b	NM_015383	Hs.607640	chr1	2RGP, 1MET
neural precursor cell expressed, developmentally down-regulated 1	NEDD1	NM_152905	Hs.270084	chr12	1
NEFA-interacting nuclear protein NIP30	NIP30	NM_024946	Hs.396740	chr16	1
NME7	NME7	NM_013330	Hs.651246	chr1	2
non-POU domain containing, octamer-binding	NONO	NM_007363	Hs.533282	chrX	1
similar to rat nuclear ubiquitous casein kinase 2	NUCKS1	NM_022731	Hs.632458	chr1	2
nucleoporin 160kDa	NUP160	NM_015231	Hs.643526	chr11	3
nucleoporin Nup37	NUP37	NM_024057	Hs.444276	chr12	1
olfactory receptor, family 51, subfamily E, member 2	OR51E2	NM_030774	Hs.501758	chr21	2
origin recognition complex, subunit 2-like (yeast)	ORC2L	NM_006190	Hs.444870	chr2	1
oxysterol binding protein-like 8	OSBPL8	NM_020841	Hs.430849	chr12	1
OTU domain containing 6B	OTUD6B	NM_016023	Hs.30532	chr8	1
3-oxoacid CoA transferase	OXCT1	NM_000436	Hs.278277	chr5	1
hypothetical protein FLJ20604	OXSM	NM_017897	Hs.55781	chr3	1
platelet-activating factor acetylhydrolase	PAFAH1B1	NM_000430	Hs.77318	chr17	1
phosphoribosylaminoimidazole carboxylase	PAICS	NM_006452	Hs.518774	chr4	1
pre-B-cell colony-enhancing factor	PBEF1^b	NM_005746	Hs.489615	chr7	1RGP, 1MET
dendritic cell protein	PCID1	NM_006360	Hs.502244	chr11	1
platelet derived growth factor C	PDGFC	NM_016205	Hs.570855	chr4	1
paternally expressed 10	PEG10	NM_015068	Hs.147492	chr7	1
PHD finger protein 17	PHF17	NM_024900	Hs.12420	chr4	1
PHD finger protein 20	PHF20	NM_016436	Hs.517044	chr20	2
phosphoinositide-3-kinase, class 3	PIK3C3	NM_002647	Hs.464971	chr18	1
pogo transposable element with ZNF domain	POGZ	NM_015100	Hs.591471	chr1	2
KIAA0039	POLD3	D26018	Hs.82502	chr11	2
polymerase (RNA) III (DNA directed) (62kD)	POLR3C	NM_006468	Hs.591457	chr1	1
protection of telomeres 1	POT1	NM_015450	Hs.31968	chr7	1
phosphoribosyl pyrophosphate amidotransferase	PPAT	NM_002703	Hs.331420	chr4	1
protein phosphatase 1, regulatory (inhibitor) subunit11	PPP1R11	NM_021959	Hs.82887	chr6	1
protein phosphatase 1, regulatory (inhibitor) subunit 12A	PPP1R12A	NM_002480	Hs.49582	chr12	1
phosphatase 2, regulatory subunit B (B56) gamma isoform	PPP2R5C	NM_178588	Hs.368264	chr14	1
palmitoyl-protein thioesterase 1	PPT1	NM_000310	Hs.3873	chr1	2
prolyl endopeptidase-like	PREPL	NM_001042385	Hs.444349	chr2	1
phosphoribosyl pyrophosphate synthetase 2	PRPS2	NM_002765	Hs.104123	chrX	1
pleckstrin homology, Sec7 and coiled-coil domains	PSCDBP	NM_004288	Hs.270	chr2	1

proteasome (prosome, macropain) subunit, alpha type, 4	PSMA4	NM_002789	Hs.251531	chr15	3
proteasome (prosome, macropain) subunit, alpha type, 5	PSMA5	NM_002790	Hs.485246	chr1	1
proteasome (prosome, macropain) subunit, beta type, 4	PSMB4	NM_002796	Hs.89545	chr1	1
proteasome (prosome, macropain) subunit, beta type, 6	PSMB6	NM_002798	Hs.77060	chr17	1
prostaglandin-endoperoxide synthase 2	PTGS2	NM_000963	Hs.196384	chr1	1
peroxisomal membrane protein 3, 35kDa	PXMP3	NM_000318	Hs.592781	chr8	1
RAD23 homolog B	RAD23B	NM_002874	Hs.521640	chr9	1
RAN, member RAS oncogene family	RAN	NM_006325	Hs.10842	chr6	1
karyopherin (importin) beta 3	RANBP5	NM_002271	Hs.643743	chr13	1
arginyl-tRNA synthetase-like	RARSL	NM_020320	Hs.485910	chr6	1
retinoblastoma binding protein 5	RBBP5	NM_005057	Hs.519230	chr1	1
RNA binding motif protein 25	RBM25	NM_021239	Hs.531106	chr14	2
RNA binding motif protein 34	RBM34	NM_015014	Hs.535224	chr1	1
chromosome condensation 1-like	RCBTB2	NM_001268	Hs.25447	chr13	1
v-rel reticuloendotheliosis viral oncogene homolog (avian)	REL	NM_002908	Hs.631886	chr2	1
regulator of G-protein signalling 2, 24kDa	RGS2	NM_002923	Hs.78944	chr1	2
ribosomal protein S27a	RPS27A	NM_002954	Hs.546292	chr2	1
RNA polymerase I transcription factor RRN3	RRN3	NM_018427	Hs.460078	chr16	1
runt-related transcription factor 2	RUNX2	NM_001015051	Hs.535845	chr6	2
secretogranin II (chromogranin C)	SCG2	NM_003469	Hs.516726	chr2	1
secretory granule, neuroendocrine protein 1 (7B2protein)	SCG5	NM_003020	Hs.156540	chr15	1
SEC24 related gene family, member C	SEC24C	NM_004922	Hs.81964	chr10	1
semaphorin 3A	SEMA3A	NM_006080	Hs.252451	chr7	1
SUMO-1-specific protease	SENP6	NM_015571	Hs.485784	chr6	1
Similar to gene CDC10 cell division cycle 10 homolog	SEPT7	NM_001788	Hs.191346	chr7	1
SET translocation (myeloid leukemia-associated)	SET	NM_003011	Hs.436687	chr9	2
splicing factor 3a, subunit 3, 60kDa	SF3A3	NM_006802	Hs.77897	chr1	1
splicing factor 3b, subunit 1, 155kDa	SF3B1	NM_012433	Hs.632554	chr2	1
survival of motor neuron protein interacting protein 1	SIP1	NM_003616	Hs.645400	chr14	1
solute carrier family 16 (monocarboxylic acid transporters), member 1	SLC16A1	NM_003051	Hs.75231	chr1	1
solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 24	SLC25A24	NM_013386	Hs.132553	chr1	1
solute carrier family 35, member B1	SLC35B1	NM_005827	Hs.154073	chr17	2
solute carrier family 38, member 2	SLC38A2^b	NM_018976	Hs.221847	chr12	1RGP, 1MET
homolog of rat orphan transporter v7-3	SLC6A15	NM_182767	Hs.44424	chr12	1
homolog of C. elegans smu-1	SMU1	NM_018225	Hs.642743	chr9	1
SET and MYND domain containing 3	SMYD3	NM_022743	Hs.567571	chr1	1
small nuclear ribonucleoprotein polypeptide G	SNRPG^b	NM_003096	Hs.516076	chr2	1RGP, 1MET
SRY (sex determining region Y)-box 4	SOX4	NM_003107	Hs.643910	chr6	1
synovial sarcoma translocation, chromosome 18	SS18	NM_005637	Hs.404263	chr18	1
signal sequence receptor, beta	SSR2	NM_003145	Hs.74564	chr1	1
stathmin 1/oncoprotein 18	STMN1	NM_005563	Hs.209983	chr1	1
activated RNA polymerase II transcription	SUB1	NM_006713	Hs.229641	chr5	1

cofactor 4

NS1-associated protein 1	SYNCRIP	NM_006372	Hs.571177	chr6	1
SPT3-associated factor 42	TADA1L	NM_053053	Hs.435967	chr1	1
TAF12 RNA polymerase II, TATA box binding protein(TBP)-associated	TAF12	NM_005644	Hs.530251	chr1	1
hypothetical protein FLJ11046	TBC1D23				

cDNA IMAGE:5274919	BC033943	Hs.146268	chr1	1
cDNA RNA, FLJ21487	AK025140	Hs.552608	chr1	1
cDNA IMAGE:3028427	BC007568		chr1	1
cDNA DKFZp564O0122	AL049951	Hs.567380	chr1	1
EST	BX108371	Hs.201921	chr1	1
EST	BE613231	Hs.551847	chr1	1
EST	AF130080	Hs.213061	chr1	1
EST	AK025818	Hs.497575	chr1	1
EST	AK056963	Hs.193557	chr1	1
EST	AA863123	Hs.314413	chr13	1
EST	AA811365	Hs.648594	chr14	1
EST	AA811365	Hs.648594	chr14	1
cDNA DKFZp686D05115	BX537575	Hs.643531	chr16	1
cDNA clone IMAGE:4812621, partial cds	BC051737	Hs.597434	chr17	1
EST	DW462341	Hs.527989	chr17	1
EST	CR604143	Hs.644653	chr18	1
EST	BX482566	Hs.407368	chr19	1
EST	BU733606	Hs.572539	chr19	1
EST	AK094953	Hs.645225	chr19	1
EST	AK094953	Hs.645225	chr19	1
EST	CB857860	Hs.529272	chr2	1
EST	AA723885	Hs.516159	chr2	1
EST	BU740841	Hs.565756	chr21	1
cDNA clone IMAGE:4066387 5'	BF688069	Hs.307772	chr3	1
cDNA FLJ12839 fis	AK022901	Hs.636869	chr3	1
EST	AA248847	Hs.478000	chr3	1
cDNA clone IMAGE:4839074	BC047586	Hs.348292	chr5	1
cDNA FLJ14232	AK024294	Hs.114033	chr6	1
cDNA FLJ33993 fis	AK091312	Hs.408455	chr6	1
EST	DA435874	Hs.592692	chr6	1
EST	BF891265	Hs.519930	chr6	1
EST	BX105502	Hs.409578	chr6	1
EST	BQ371274		chr7	1
EST	DB351554	Hs.372541	chr7	1
EST	DB351554	Hs.372541	chr7	1
cDNA FLJ25402 fis	AK058131	Hs.104941	chr8	1
cDNA FLJ42399 fis	AK124390	Hs.592775	chr8	1
cDNA DKFZp686L07201	BX537532	Hs.355559	chrX	1

^a Identification was done by BLAST or BLAT searches with the ESTs (deposited under GenBank accession numbers: ES315683-ES316049) obtained from RGP SSH library.

^b Genes identified in both RGP and Met SSH libraries

Table S2: Genes represented in the Met SSH library^a

Gene Name	Gene Symbol	Accession number	Unigene	Chromosome	Redundancy
alpha-2-macroglobulin	A2M	NM_000014	Hs.212838	chr12	12
ATP-binding cassette, sub-family B (MDR/TAP), member 5, mRNA (cDNA clone IMAGE:5539117), with apparent retained intron	ABCB5	NM_178559	Hs.404102	chr7	1
Acid phosphatase-like 2	ACPL2	NM_152282	Hs.255491	chr3	1
Activin A receptor, type IC	ACVR1C	NM_145259	Hs.352338	chr2	1
disintegrin and metalloproteinase domain 10 ADAM10	ADAM10	NM_001110	Hs.578508	chr15	1
alcohol dehydrogenase 5 (class III) chi polypeptide	ADH5	NM_000671	Hs.78989	chr4	1
aldehyde dehydrogenase 1 family, member A3	ALDH1A3	NM_000693	Hs.459538	chr15	1
apolipoprotein D	APOD	NM_001647	Hs.522555	chr3	2
Rho GTPase activating protein 15	ARHGAP15	NM_018460	Hs.171011	chr2	1
AT rich interactive domain 5B	ARID5B	NM_032199	Hs.535297	chr10	1
Activating signal cointegrator 1 complex subunit 1	ASCC1	NM_015947	Hs.500007	chr10	1
ATPase, H ⁺ transporting, lysosomal 56/58kDa, V1	ATP6V1B2	NM_001693	Hs.295917	chr8	1
PTD012 protein (PTD012)	C11orf54	NM_014039	Hs.8360	chr11	1
Chromosome 18 open reading frame 19	C18orf19	NM_152352	Hs.13034	chr18	3
chromosome 3 open reading frame 1	C3orf1	NM_016589	Hs.477287	chr3	1
Ca ²⁺ -dependent activator protein for secretion 2	CADPS2	NM_017954	Hs.126730	chr7	1
calumenin	CALU	NM_001219	Hs.7753	chr7	1
CD164 antigen, sialomucin	CD164TM				

DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 8 (RNAhelicase)	DHX8	NM_004941	Hs.463105	chr17	1
dynein, light chain, Tctex-type 3	DYNLT3	NM_006520	Hs.446392	chrX	1
E3 ubiquitin protein ligase, HECT domain containing, 1	EDD1	NM_015902	Hs.591856	chr8	1
eukaryotic translation initiation factor 1A, Y chromosome	EIF1AY	NM_004681	Hs.461178	chrY	1
KIAA0830 protein	ENDOD1	BC026191	Hs.167115	chr11	1
EphA3	EPHA3	NM_005233	Hs.123642	chr3	1
SEC10-like 1 (S. cerevisiae)	EXOC5	NM_006544	Hs.334936	chr14	1
fatty acid binding protein 7, brain	FABP7	NM_001446	Hs.26770	chr6	1
Family with sequence similarity 60, member A	FAM60A^b	NM_021238	Hs.505154	chr12	1RGP, 1Met
cDNA DKFZp586I0521	FAM80B	AL137567	Hs.504670	chr12	1
Family with sequence similarity 82, member B	FAM82B	AK000672	Hs.145386	chr8	1
Fc receptor homolog expressed in B cells	FCRLM1	NM_032738	Hs.266331	chr1	1
Farnesyl-diphosphate farnesyltransferase 1	FDFT1	NM_004462.3	Hs.593928	chr8	1
hypothetical protein LOC392636	FLJ16237	NM_001004320	Hs.155348	chr7	1
fibronectin 1	FN1	NM_002026	Hs.203717	chr2	1
frizzled homolog 1 (Drosophila)	FZD1	NM_003505	Hs.94234	chr7	1
Ras-GTPase activating protein SH3 domain-bindingprotein 2	G3BP2	NM_012297	Hs.303676	chr4	3
cDNA UGPQ mRNA, complete cds	GDPD1	AY271346	Hs.631744	chr17	1
Glycoprotein M6B	GPM6B	NM_001001994	Hs.495710	chrX	3
Homo sapiens G protein-coupled receptor 126	GPR126	NM_020455	Hs.318894	chr6	1
G-rich RNA sequence binding factor 1	GRSF1	NM_002092	Hs.309763	chr4	1
general transcription factor IIH	GTF2H1	NM_005316	Hs.577202	chr11	1
major histocompatibility complex, class II	HLA-DRA	NM_019111	Hs.520048	chr6	55
hemicentin	HMCN1	NM_031935	Hs.58877	chr1	1
high-mobility group box 1	HMGB1	NM_002128	Hs.434102	chr13	1
Hermansky-Pudlak syndrome 5	HPS5	NM_181507	Hs.437599	chr11	1
heat shock 90kDa protein 1, beta	HSP90AB1	NM_007355	Hs.509736	chr6	1
shock 70kDa protein 5 (glucose-regulated protein78kDa)	HSPA5	NM_005347	Hs.605502	chr9	1
insulin-degrading enzyme	IDE	NM_004969	Hs.500546	chr10	1
interferon-induced protein with tetratricopeptide repeats 1	IFIT1	NM_001548	Hs.20315	chr10	1
interleukin 1 receptor accessory protein	IL1RAP	NM_002182	Hs.478673	chr3	1
interleukin 6 (interferon, beta 2)	IL6	NM_000600	Hs.512234	chr7	1
interleukin enhancer binding factor 2, 45kDa	ILF2	NM_004515	Hs.75117	chr1	1
inositol(myo)-1(or 4)-monophosphatase 1	IMPA1	NM_005536	Hs.555086	chr8	1
integrin, alpha 6	ITGA6	NM_000210	Hs.133397	chr2	1
integrin, beta 1 (fibronectin receptor)	ITGB1	NM_133376	Hs.643813	chr10	1
Integrin, beta 8	ITGB8	NM_002214	Hs.592171	chr7	4
inositol 1,4,5-triphosphate receptor, type 1	ITPR1	NM_002222	Hs.567295	chr3	3
cDNA clone IMAGE:5312122	KIAA0738	BC039457	Hs.406492	chr7	1
KIAA1815	KIAA1815	NM_024896.2	Hs.591078	chr9	1
cDNA clone CS0DF027YK02	KIF2	CR601526	Hs.558351	chr5	1
Kelch-like 9 (Drosophila)	KLHL9	NM_018847	Hs.522029	chr9	1
Karyopherin alpha 1	KPNA1	NM_002264.2	Hs.161008	chr3	1
laminin, alpha 4	LAMA4	NM_002290	Hs.213861	chr6	2
lysosomal-associated membrane protein 2	LAMP2	NM_002294	Hs.496684	chrX	1

cDNA DKFZp686P07116, proximo gene PYGO1	LOC283658	AL833463	Hs.87194	chr15	1
EUROIMAGE 2005635, próximo do mir146a	LOC285628	AL389942	Hs.604728	chr5	3
Similar to RIKEN cDNA 2310016C16	LOC493869	NM_001008397.1	Hs.289044	chr5	1
cDNA EUROIMAGE 588495, mRNA	LOC58489	BC059401	Hs.459072	chr15	1
cDNA clone IMAGE:5578073	LOC643401	BC039509	Hs.533212	chr5	1
loss of heterozygosity, 11, chromosomal region 2, geneA	LOH11CR2A	NM_014622	Hs.152944	chr11	1
low density lipoprotein-related protein 2	LRP2	NM_004525	Hs.470538	chr2	1
LTV1 homolog (S. cerevisiae)	LTV1	NM_032860	Hs.185675	chr6	1
Mitogen-activated protein kinase 1	MAPK1	NM_002745	Hs.431850	chr22	1
muscleblind-like 2 (Drosophila)	MBNL2	NM_144778	Hs.134221	chr13	1
matrix Gla protein	MGP	NM_000900	Hs.365706	chr12	1
Mesoderm induction early response 1, family member 3	MIER3	NM_152622.3	Hs.657594	chr5	1
microphthalmia-associated transcription factor	MITF	NM_000248	Hs.166017	chr3	1
melan-A	MLANA	NM_005511	Hs.154069	chr9	2
myeloid/lymphoid or mixed-lineage leukemia3	MLL3	NM_170606	Hs.647120	chr7	1
matrix metalloproteinase 8 (neutrophil collagenase)	MMP8	NM_002424	Hs.161839	chr11	1
mitochondrial ribosomal protein L32	MRPL32	NM_031903	Hs.50252	chr7	1
mitochondrial ribosomal protein L42	MRPL42	NM_172178	Hs.199579	chr12	2
Metadherin	MTDH	NM_178812	Hs.377155	chr8	1
myotubularin related protein 6	MTMR6	NM_004685	Hs.643702	chr13	1
mitochondrial tumor suppressor gene 1	MTUS1	NM_020749	Hs.7946	chr8	3
Neuroblastoma breakpoint family, member 14	NBPF14^b	NM_015383	Hs.607640	chr1	1RGP, 1Met
nuclear receptor coactivator 4	NCOA4	NM_005437	Hs.643658	chr10	1
Nuclear factor I/B	NFIB	NM_005596.2	Hs.370359	chr9	1
NF-kappa B-repressing factor	NKRF	NM_017544	Hs.437084	chrX	1
nucleophosmin (nucleolar phosphoprotein B23)	NPM1	NM_002520	Hs.557550	chr5	1
neuronal cell adhesion molecule	NRCAM	NM_005010	Hs.21422	chr7	1
Neuropilin 2	NRP2	NM_003872	Hs.471200	chr2	2
Neurexin 3	NRXN3	NM_004796	Hs.368307	chr14	1
origin recognition complex, subunit 4-like	ORC4L	NM_002552	Hs.558364	chr2	1
oxidase (cytochrome c) assembly 1-like	OXA1L	NM_005015	Hs.151134	chr14	1
purinergic receptor P2Y, G-protein coupled, 5	P2RY5	NM_005767	Hs.123464	chr13	1
poly(A) binding protein, cytoplasmic 1	PABPC1	NM_002568	Hs.387804	chr8	1
Phosphoprotein associated with glycosphingolipid microdomains 1	PAG1	NM_018440.3	Hs.266175	chr8	1
pre-B-cell colony-enhancing factor	PBEF1^b	NM_005746	Hs.489615	chr7	1RGP, 1Met
platelet-derived growth factor receptor, alpha	PDGFRA	NM_006206	Hs.74615	chr4	2
peroxisomal biogenesis factor 3	PEX3	NM_003630	Hs.7277	chr6	1
phosphoglycerate mutase 1 (brain)	PGAM1	NM_002629	Hs.632918	chr12	1
proteolipid protein 1	PLP1	NM_000533	Hs.1787	chrX	24
Chromosome 13 open reading frame 12	POMP	NM_015932	Hs.268742	chr13	2
Protein phosphatase 2C, magnesium-dependent, catalytic subunit	PPM2C	NM_018444	Hs.22265	chr8	1
proteoglycan 1, secretory granule	PRG1	NM_002727	Hs.1908	chr10	1
prion protein (p27-30)	PRNP	NM_183079	Hs.472010	chr20	1
proteasome (prosome, macropain) subunit, alpha type, 1	PSMA1	NM_148976	Hs.102798	chr11	1

proteasome (prosome, macropain) 26S subunit	PSMD12	NM_174871	Hs.646575	chr17	1
protein tyrosine phosphatase, non-receptor type 3	PTPN3	NM_002829	Hs.436429	chr9	1
retinoic acid induced 14	RAI14	NM_015577	Hs.431400	chr5	1
retinoic acid receptor, beta	RARB	NM_016152	Hs.536687	chr3	1
retinoblastoma 1 (including osteosarcoma)	RB1	NM_000321	Hs.408528	chr13	1
RNA binding motif protein, X-linked 2	RBMX2	NM_016024	Hs.61184	chrX	1
radixin	RDX	NM_002906	Hs.263671	chr11	2
cDNA clone MGC:24463 IMAGE:4082362, mRNA	REEP3	BC018658	Hs.499833	chr10	1
ring finger protein 111	RNF111	NM_017610	Hs.404423	chr15	1
ribosomal protein L36a	RPL36A	NM_021029	Hs.432485	chrX	1
ribosomal protein S13	RPS13	NM_001017	Hs.446588	chr11	1
ribosomal protein S4, Y-linked	RPS4Y1	NM_001008	Hs.282376	chrY	1
Remodeling and spacing factor 1	RSF1	NM_016578	Hs.420229	chr11	1
scrapie responsive protein 1	SCRG1	NM_007281	Hs.7122	chr4	1
KIAA0193 gene product	SCRN1	NM_014766	Hs.520740	chr7	1
SDA1 domain containing 1	SDAD1	NM_018115	Hs.632604	chr4	1
selenoprotein K	SELK	NM_021237	Hs.58471	chr3	1
serine (or cysteine) proteinase inhibitor	SERPINE2	NM_006216	Hs.38449	chr2	4
secreted frizzled-related protein 1	SFRP1	NM_003012	Hs.213424	chr8	1
splicing factor, arginine/serine-rich 2	SFRS2	NM_003016	Hs.584801	chr17	1
serum/glucocorticoid regulated kinase	SGK	NM_005627	Hs.510078	chr6	2
solute carrier family 35, member A5	SLC35A5	NM_017945	Hs.237480	chr3	1
solute carrier family 38, member 2	SLC38A2^b	NM_018976	Hs.221847	chr12	1RGP, 1Met
Solute carrier family 39 (zinc transporter), member 9	SLC39A9	NM_018375	Hs.432690	chr14	1
solute carrier family 5 (low affinity glucose cotransporter), member 4	SLC5A4	NM_014227	Hs.130101	chr22	2
small nuclear ribonucleoprotein polypeptide B	SNRPB2	NM_003092	Hs.280378	chr20	1
small nuclear ribonucleoprotein polypeptide G	SNRPG^b	NM_003096	Hs.516076	chr2	1RGP, 1Met
Spermatogenesis associated, serine-rich 1	SPATS1	NM_145026	Hs.135283	chr6	1
secreted phosphoprotein 1 (osteopontin)	SPP1	NM_000582	Hs.313	chr4	2
sprouty-related, EVH1 domain containing 1	SPRED1	NM_152594	Hs.525781	chr15	1
sprouty homolog 4 (Drosophila)	SPRY4	NM_030964	Hs.323308	chr5	1
sperm specific antigen 2	SSFA2	NM_006751	Hs.591602	chr2	1
synaptotagmin-like 2	SYTL2	NM_032943	Hs.369520	chr11	1
tryptophan 2,3-dioxygenase	TDO2	NM_005651	Hs.183671	chr4	7
transferrin	TF	NM_001063	Hs.518267	chr3	1
transforming growth factor, beta-induced, 68kDa	TGFB1	NM_000358	Hs.369397	chr5	1
thrombospondin 2	THBS2	NM_003247	Hs.371147	chr6	1
tissue inhibitor of metalloproteinase 3	TIMP3	NM_000362	Hs.644633	chr22	1
transmembrane 4 superfamily member 1	TM4SF1	NM_014220	Hs.351316	chr3	10
Transmembrane protein 100	TMEM100	NM_018286	Hs.173233	chr17	1
Transmembrane protein 131	TMEM131	BC036841	Hs.469376	chr2	1
transmembrane protein 2 (TMEM2)	TMEM2	NM_013390	Hs.494146	chr9	1
Transmembrane and tetratricopeptide repeat containing 3	TMTC3^b	CR749309	Hs.331268	chr12	1RGP, 1Met
tumor necrosis factor, alpha-induced protein 6	TNFAIP6	NM_007115	Hs.437322	chr2	1
Tumor necrosis factor superfamily, member 5-induced protein 1	TNFSF5IP1	NM_020232	Hs.464652	chr18	1
thiamin pyrophosphokinase 1	TPK1	NM_022445	Hs.490454	chr10	1

Tripartite motif-containing 33	TRIM33	NM_015906	Hs.26837	chr1	1
tumor susceptibility gene 101	TSG101	NM_006292	Hs.523512	chr11	1
tyrosinase (oculocutaneous albinism IA)	TYR	NM_000372	Hs.503555	chr11	2
tyrosinase-related protein 1	TYRP1	NM_000550	Hs.270279	chr9	2
UDP-glucose ceramide glucosyltransferase-like 2	UGCGL2	NM_020121	Hs.193226	chr13	1
UDP-glucose pyrophosphorylase 2	UGP2	NM_006759	Hs.516217	chr2	1
UDP glycosyltransferase 8 (UDP-galactose ceramidgalactosyltransferase)	UGT8	NM_003360	Hs.144197	chr4	1
ubiquinol-cytochrome c reductase hinge protein	UQCRH	NM_006004	Hs.481571	chr1	1
Chromosome 14 open reading frame 150	WDR89	NM_080666	Hs.509585	chr14	1
tyrosine 3-monooxyg./tryp. 5-monooxyg.activ. prot, zeta polypeptide	YWHAZ^b	NM_145690	Hs.492407	chr8	1RGP, 1Met
cDNA FLJ90443 fis	ZC3H13	AK074924	Hs.136102	chr13	1
Zinc finger protein 512	ZNF512	NM_032434.2	Hs.529178	chr2	1
EST		BQ437417	Hs.633116	chr1	1
clone IMAGE:5019705 extremidade 5' do S1DT2 ou 3'doPAFAH1B2		BC021287	Hs.410977	chr11	1
EST		BC037984	Hs.91791	chr11	1
cDNA FLJ31578 fis, clone NT2RI2001952		AK056140	Hs.505983	chr12	1
EST		AA012878	Hs.434604	chr12	1
EST		BE799296	Hs.434604	chr12	1
EST		BX382682	Hs.199579	chr12	1
EST		AI831849	Hs.271014	chr12	1
cDNA deleted in lymphocytic leukemia, 2 (DLEU2)		NM_006021	Hs.547964	chr13	1
EST		BF343525	Hs.134687	chr15	1
cDNA hypothetical protein LOC146481, mRNA (cDNA clone IMAGE:4639919), partial cds		BC023607	Hs.316564	chr16	1
cDNA FLJ26484 fis		AK129994	Hs.447555	chr17	1
EST		DA506880		chr17	1
cDNA FLJ25631 fis		AK098497	Hs.464416	chr18	1
EST		AI610957	Hs.594083	chr18	1
EST		G36677		chr18	1
cDNA hypothetical protein FLJ37953		NM_001039693	Hs.204619	chr2	1
cDNA: FLJ22105 fis, próximo gene NFATC2		AK025758	Hs.356321	chr20	1
EST		AX750578		chr21	1
cDNA, IMAGE:5278517, extremidade 5'do gene NR2C2		BC039246	Hs.651299	chr3	1
cDNA clone IMAGE:3919084tissue_type="Skin, melanotic melanoma		BC028978	Hs.374715	chr5	1
EST		AA046162		chr5	1
EST		BU183727		chr5	1
EST		U52054	Hs.561411	chr5	1
EST		DA293172	Hs.277154	chr5	1
EST		CN292792	Hs.533212	chr5	1
cDNA IMAGE:4706427, intron do C7orf10		BC016631	Hs.586313	chr7	1
cDNA AF056184		AF056184		chr7	1
EST		BM712473	Hs.7753	chr7	1
EST		BG110543	Hs.133107	chr8	1
EST		BE142170		chrX	1

^a Identification was done by BLAST or BLAT searches with the ESTs (deposited under GenBank accession numbers: ES316050-ES316435) obtained from Met SSH library.

^b Genes identified in both RGP and Met SSH libraries