

Gene	Description	Transcript	Chromosome	Start	End	refseq	ccds	Exon
AKT1	v-akt murine thymoma viral oncogene homolog 1	ENST00000554581	14	105235686	105260461	XM_005267402	CCDS9994	13
ARID1A	AT rich interactive domain 1A (SWI-like)	ENST00000324856	1	27022524	27108595	XM_005246005	CCDS285	20
ASB2	ankyrin repeat and SOCS box containing 2	ENST00000555019	14	94400499	94443137	XM_005267758;NM_001202429	CCDS55940	10
ASXL1	additional sex combs like 1 (Drosophila)	ENST00000375687	20	30946155	31027122	NM_015338	CCDS13201	13
ATM	ataxia telangiectasia mutated	ENST00000278616	11	108093559	108239826	NM_000051	CCDS31669	63
BCL11B	B-cell CLL/lymphoma 11B (zinc finger protein)	ENST00000345514	14	99635624	99737822	NM_022898	CCDS9949	3
BCOR	BCL6 corepressor	ENST00000342274	X	39910501	40036582	NM_001123383	CCDS14250	15
BCOR	BCL6 corepressor	ENST00000378444	X	39910501	39956656	XM_005272616;XM_005272618;NM_001123385	CCDS48093	15
CARD11	caspase recruitment domain family, member 11	ENST00000396946	7	2945775	3083579	XM_005249893	CCDS5336	25
CBL	Cbl proto-oncogene, E3 ubiquitin protein ligase	ENST00000264033	11	119076752	119178859	XM_005271718	CCDS8418	16
CBLB	Cbl proto-oncogene B, E3 ubiquitin protein ligase	ENST00000264122	3	105374305	105587887	XM_005247852	CCDS2948	19
CCR4	chemokine (C-C motif) receptor 4	ENST00000330953	3	32993066	32997841	NM_005508	CCDS2656	2
CCR7	chemokine (C-C motif) receptor 7	ENST00000246657	17	38710021	38721724	NM_001838	CCDS11369	3
CD58	CD58 molecule	ENST00000457047	1	117061322	117113648	NM_001144822	CCDS44199	5
CEBPA	CCAAT/enhancer binding protein (C/EBP), alpha	ENST00000498907	19	33790840	33793470	NM_004364	CCDS54243	1
CNOT3	CCR4-NOT transcription complex, subunit 3	ENST00000406403	19	54645112	54659418		CCDS12880	17
CREBBP	CREB binding protein	ENST00000262367	16	3775055	3930727	NM_004380	CCDS10509	31
CSNK1A1	casein kinase 1, alpha 1	ENST00000377843	5	148874845	148931007	NM_001271741	CCDS47303	10
CSNK1A1	casein kinase 1, alpha 1	ENST00000261798	5	148871760	148930960		CCDS64291	10
CSNK2B	casein kinase 2, beta polypeptide	ENST00000375882	6	31633841	31637847	NM_001320	CCDS4712	7
CTCF	CCCTC-binding factor (zinc finger protein)	ENST00000264010	16	67596310	67673086	XM_005255775	CCDS10841	12
CTNNB1	catenin (cadherin-associated protein), beta 1, 88kDa	ENST00000349496	3	41240930	41281936	XM_005264888	CCDS2694	15
CXCR4	chemokine (C-X-C motif) receptor 4	ENST00000409817	2	136871919	136873813	NM_001008540	CCDS33295	1
DDX3X	DEAD (Asp-Glu-Ala-Asp) box helicase 3, X-linked	ENST00000399959	X	41192651	41209462	XM_005272592	CCDS43931	17
DNM2	dynamain 2	ENST00000359692	19	10828769	10942560	NM_004945	CCDS32907	20
DNMT3A	DNA (cytosine-5)-methyltransferase 3 alpha	ENST00000264709	2	25455845	25565459	XM_005264175	CCDS33157	23
EED	embryonic ectoderm development	ENST00000263360	11	85955586	85989778	NM_003797	CCDS8273	12
EP300	E1A binding protein p300	ENST00000263253	22	41487790	41576081	NM_001429	CCDS14010	31
ETV6	ets variant 6	ENST00000396373	12	11802788	12048336	NM_001987	CCDS8643	8
EZH2	enhancer of zeste homolog 2 (Drosophila)	ENST00000320356	7	148504477	148581370	NM_004456	CCDS5891	20
FAS	Fas cell surface death receptor	ENST00000355740	10	90750414	90775542	NM_000043	CCDS7393	9
FBXW7	F-box and WD repeat domain containing 7, E3 ubiquitin protein ligase	ENST00000281708	4	153242410	153457253	XM_005263108	CCDS3777	12
FLT3	fms-related tyrosine kinase 3	ENST00000241453	13	28577411	28674729	XM_005266318;NM_004119	CCDS31953	24
FOXO3	forkhead box O3	ENST00000406360	6	108882069	109005971	NM_001455	CCDS5068	3
FYN	FYN oncogene related to SRC, FGR, YES	ENST00000334650	6	111981535	112194655	XM_005266889	CCDS5094	14
GATA3	GATA binding protein 3	ENST00000379328	10	8096656	8117161	XM_005252443;XM_005252442;NM_001002295	CCDS31143	6
GPR183	G protein-coupled receptor 183	ENST00000376414	13	99946784	99959659	NM_004951	CCDS9492	2
HLA-B	major histocompatibility complex, class I, B	ENST00000412585	6	31321649	31324964	NM_005514	CCDS34394	8
HNRNPA2B1	heterogeneous nuclear ribonucleoprotein A2/B1	ENST00000356674	7	26231464	26240366	NM_002137	CCDS5397	11
HNRNPA2B1	heterogeneous nuclear ribonucleoprotein A2/B1	ENST00000354667	7	26229547	26240366	NM_031243	CCDS43557	12
HRAS	Harvey rat sarcoma viral oncogene homolog	ENST00000417302	11	532243	535550	NM_176795	CCDS7699	6
HRAS	Harvey rat sarcoma viral oncogene homolog	ENST00000451590	11	532243	535550	NM_001130442	CCDS7698	5
IDH1	isocitrate dehydrogenase 1 (NADP+), soluble	ENST00000415913	2	209100989	209119046	NM_001282387	CCDS2381	10
IDH2	isocitrate dehydrogenase 2 (NADP+), mitochondrial	ENST00000330062	15	90626277	90645736	XM_005254894	CCDS10359	11
IKZF1	IKAROS family zinc finger 1 (Ikaros)	ENST00000349824	7	50344378	50472799	NM_001220767	CCDS69299	5
IL7R	interleukin 7 receptor	ENST00000303115	5	35856951	35879705	NM_002185	CCDS3911	8
IRF2BP2	interferon regulatory factor 2 binding protein 2	ENST00000366609	1	234740015	234745271	NM_182972	CCDS1602	2
IRF4	interferon regulatory factor 4	ENST00000380956	6	391739	411447	NM_001195286	CCDS4469	9
JAK1	Janus kinase 1	ENST00000342505	1	65298912	65432187	XM_005270841;NM_002227	CCDS41346	25
JAK3	Janus kinase 3	ENST00000458235	19	17935595	17958841	XM_005259896	CCDS12366	24
JAKMIP2	janus kinase and microtubule interacting protein 2	ENST00000265272	5	146968129	147162338	NM_014790	CCDS4285	21
KDM6A	lysine (K)-specific demethylase 6A	ENST00000377967	X	44732757	44971847	NM_021140	CCDS14265	29
KIT	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog	ENST00000288135	4	55524085	55606881	XM_005265742	CCDS3496	21
KMT2A	lysine (K)-specific methyltransferase 2A	ENST00000534358	11	118307205	118397539	XM_005277695	CCDS55791	36
KMT2C	lysine (K)-specific methyltransferase 2C	ENST00000262189	7	151832010	152133090	NM_170606	CCDS5931	59
KMT2D	lysine (K)-specific methyltransferase 2D	ENST00000301067	12	49412758	49449107	XM_005269162;NM_003482	CCDS44873	54
KRAS	Kirsten rat sarcoma viral oncogene homolog	ENST00000256078	12	25362365	25403737	XM_005253365;NM_033360	CCDS8703	6
KRAS	Kirsten rat sarcoma viral oncogene homolog	ENST00000311936	12	25357723	25403865	NM_004985	CCDS8702	5
LCK	lymphocyte-specific protein tyrosine kinase	ENST00000333070	1	32739733	32751763	XM_005270865		13
LEF1	lymphoid enhancer-binding factor 1	ENST00000379951	4	108968701	109090112	XM_005263048	CCDS47122	10
MGA	MGA, MAX dimerization protein	ENST00000219905	15	41952610	42062141	XM_005254254	CCDS55959	24
NF1	neurofibromin 1	ENST00000358273	17	29421945	29704695	XM_005257986	CCDS42292	58
NOTCH1	notch 1	ENST00000277541	9	139388896	139440314	NM_017617	CCDS43905	34
NOTCH2	notch 2	ENST00000256646	1	120454176	120612240	XM_005270902	CCDS908	34
NRAS	neuroblastoma RAS viral (v-ras) oncogene homolog	ENST00000369535	1	115247090	115259515	NM_002524	CCDS877	7
PHF6	PHD finger protein 6	ENST00000332070	X	133507342	133562819	NM_032458	CCDS14639	10
PIAS1	protein inhibitor of activated STAT, 1	ENST00000249636	15	68346517	68480402	XM_005254735	CCDS45290	14
PIK3CA	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit alpha	ENST00000263967	3	178866311	178957881	NM_006218	CCDS43171	21

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PIK3R1	phosphoinositide-3-kinase, regulatory subunit 1 (alpha)	ENST00000521381	5	67511548	67597649	XM_005248542	CCDS3993	16
PLCG1	phospholipase C, gamma 1	ENST00000373272	20	39765877	39804361	NM_002660	CCDS13313	32
POT1	protection of telomeres 1	ENST00000357628	7	124462440	124570035	NM_015450	CCDS5793	19
PRKCB	protein kinase C, beta	ENST00000303531	16	23847345	24231932	NM_002738	CCDS10619	17
PTEN	phosphatase and tensin homolog	ENST00000371953	10	89622870	89731687	NM_000314	CCDS31238	9
PTPN11	protein tyrosine phosphatase, non-receptor type 11	ENST00000351677	12	112856718	112947717	NM_002834	CCDS9163	16
PTPN2	protein tyrosine phosphatase, non-receptor type 2	ENST00000309660	18	12792152	12884234	NM_002828	CCDS11865	9
PTPN6	protein tyrosine phosphatase, non-receptor type 6	ENST00000456013	12	7060434	7070479	NM_080549	CCDS44821	16
PTPRC	protein tyrosine phosphatase, receptor type, C	ENST00000442510	1	198608170	198726412		CCDS1397	33
PTPRD	protein tyrosine phosphatase, receptor type, D	ENST00000381196	9	8314246	10033790	XM_005251533	CCDS43786	43
PTPRD	protein tyrosine phosphatase, receptor type, D	ENST00000365233	9	8314247	8733946	NM_130393	CCDS55290	31
RB1	retinoblastoma 1	ENST00000267163	13	48877911	49056122	NM_000321	CCDS31973	27
RELN	reelin	ENST00000428762	7	103112231	103629963	NM_005045	CCDS47680	65
RHOA	ras homolog family member A	ENST00000418115	3	49396578	49449635	NM_001664	CCDS2795	5
RPL10	ribosomal protein L10	ENST00000424325	X	153626571	153630680	XM_005274721	CCDS14746	7
RPL5	ribosomal protein L5	ENST00000370321	1	93297582	93307481	XM_005271098	CCDS741	8
RUNX1	runx-related transcription factor 1	ENST00000344691	21	36160098	36260987	XM_005261070	CCDS42922	6
SETD2	SET domain containing 2	ENST00000409792	3	47058179	47205457	XM_005265094	CCDS2749	21
SF3B1	splicing factor 3b, subunit 1, 155kDa	ENST00000335508	2	198254508	198299815	NM_012433	CCDS33356	25
SH2B3	SH2B adaptor protein 3	ENST00000341259	12	111843752	111889427	XM_005253820	CCDS9153	8
SKP2	S-phase kinase-associated protein 2, E3 ubiquitin protein ligase	ENST00000274255	5	36152169	36184421	NM_005983	CCDS3916	10
SOCS1	suppressor of cytokine signaling 1	ENST00000332029	16	11348262	11350036	NM_003745	CCDS10546	2
STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000361099	2	191833760	191878976	NM_007315	CCDS2309	25
STAT3	signal transducer and activator of transcription 3 (acute-phase response factor)	ENST00000264657	17	40465342	40540586	XM_005257618	CCDS32656	24
STAT5A	signal transducer and activator of transcription 5A	ENST00000345506	17	40439565	40463961	NM_003152	CCDS11424	20
STAT5B	signal transducer and activator of transcription 5B	ENST00000293328	17	40351186	40428424	XM_005257625	CCDS11423	19
SUZ12	SUZ12 polycomb repressive complex 2 subunit	ENST00000322652	17	30264037	30328064	NM_015355	CCDS11270	16
TAL1	T-cell acute lymphocytic leukemia 1	ENST00000294339	1	47681964	47695443	NM_003189	CCDS547	4
TBL1XR1	transducin (beta)-like 1 X-linked receptor 1	ENST00000457928	3	176741108	176915256	NM_024665	CCDS46961	16
TDRD6	tudor domain containing 6	ENST00000544460	6	46655612	46672056	NM_001168359	CCDS55017	3
TDRD6	tudor domain containing 6	ENST00000316081	6	46655866	46670150	NM_00110870	CCDS34470	4
TENM2	teneurin transmembrane protein 2	ENST00000518659	5	166711804	167690001	NM_001122679		29
TET1	tet methylcytosine dioxygenase 1	ENST00000373644	10	70320413	70454239	NM_030625	CCDS7281	12
TET2	tet methylcytosine dioxygenase 2	ENST00000540549	4	106067450	106200973	XM_005263082	CCDS47120	11
TET3	tet methylcytosine dioxygenase 3	ENST00000409262	2	74273450	74335303	XM_005264187	CCDS46339	9
TP53	tumor protein p53	ENST00000420246	17	7571722	7590799	NM_001126114	CCDS45606	12
TSR1	TSR1, 20S rRNA accumulation, homolog (S. cerevisiae)	ENST00000301364	17	2225797	2240801	NM_018128	CCDS32525	15
TYK2	tyrosine kinase 2	ENST00000525621	19	10461209	10491352	XM_005260049	CCDS12236	25
VAV1	vav 1 guanine nucleotide exchange factor	ENST00000304076	19	6772725	6857377	NM_001258206	CCDS59341	26
WT1	Wilms tumor 1	ENST00000332351	11	32409321	32457176	NM_024426	CCDS7878	10
ZEB1	zinc finger E-box binding homeobox 1	ENST00000446923	10	31610064	31818741	XM_005252578	CCDS44370	9
ZFP36L2	ZFP36 ring finger protein-like 2	ENST00000282388	2	43449541	43453748	NM_006887	CCDS1811	2
ZRSR2	zinc finger (CCCH type), RNA-binding motif and serine/arginine rich 2	ENST00000307771	X	15808595	15841383	XM_005274597	CCDS14172	11