

## Cancer Gene List

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**Abstract:** There are thousands of genes that are related to the cancer development. This article gives 1400 genes that are supposed as cancer genes. Here it gives related cancer gene information.

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Cell proliferation is regulated during the body growth and the cancer could happen if the regulation is out of control. Viruses can be used to introduce the reprogramming factors into adult cells. However, there is a risk that the virus used to introduce the stem cell factors sometimes possibly causes cancers. Controlling genes on and off is central to the biological process. The most serious medical conditions, such as cancer and birth defects, are due to abnormal cell division and differentiation. Cancer cell lines can be used to find potential anti-tumor drugs. To control the differentiation of stem cell precisely is important in the drug development (Ma, et al, 2014).

There are thousands of genes that are related to the cancer development. Here it gives 1400 genes that are supposed as cancer genes (Table 1) (Atlas of Genetics and Cytogenetics in Oncology and Haematology., 2015). HGNC is responsible for approving unique symbols and names for human loci, including protein coding genes, ncRNA genes and pseudogenes, to allow unambiguous scientific communication. The HUGO Gene Nomenclature Committee is the only worldwide authority that assigns standardised nomenclature to human genes. The HGNC approves both a short-form abbreviation known as a gene symbol, and also a longer and more descriptive name. Each symbol is unique and the committee ensures that each gene is only given one approved gene symbol. This allows for clear and unambiguous reference to genes in scientific communications, and facilitates electronic data retrieval from databases and publications. In preference, symbols also maintain parallel construction for different members of a gene family and can also be used for orthologous genes in other vertebrate species (HGNC, 2015).

Table 1. Cancer gene list

Gene	Location	HGNC (Hugo) Name
1110035O14Rik (Alias)	7q22.3	<a href="#">NAMPT</a>
13009 (Alias)	20q13.2	<a href="#">ZNF217</a>

130 kDa retinoblastoma-associated protein (Alias)	16q12.2	<a href="#">RBL2</a>
IF5 (Alias)	11p13	<a href="#">CD59</a>
<a href="#">22822</a>	12q21.2	PHLDA1 (pleckstrin homology-like domain, family A, member 1)
2610111G01Rik (Alias)	11q13.2	<a href="#">CD248</a>
<a href="#">AAMP</a>	2q35	AAMP (angio-associated, migratory cell protein)
ABL (Alias)	9q34.12	<a href="#">ABL1</a>
<a href="#">ACTB</a>	7p22.1	ACTB (Actin, beta)
ACTININ-4 (Alias)	19q13.2	<a href="#">ACTN4</a>
Activator Protein-1 (Alias)	1p32.1	<a href="#">JUN</a>
<a href="#">ACTN4</a>	19q13.2	ACTN4 (actinin, alpha 4)
<a href="#">ADAM10</a>	15q21.3	ADAM10 (ADAM metallopeptidase domain 10)
<a href="#">ADAM12</a>	10q26.2	ADAM12 (ADAM metallopeptidase domain 12 (meltrin alpha))
ADAM-12 (Alias)	10q26.2	<a href="#">ADAM12</a>
<a href="#">ADD3</a>	10q25.1	ADD3 (adducin 3)
ADDL (Alias)	10q25.1	<a href="#">ADD3</a>
Adducin-like (Alias)	10q25.1	<a href="#">ADD3</a>
ADF (Alias)	9q31.3	<a href="#">TXN</a>
ADIP (Alias)	1p22.3	<a href="#">SSX2IP</a>
<a href="#">ADIPOR1</a>	1q32.1	ADIPOR1 (adiponectin receptor 1)
ADPEAF (Alias)	10q23.33	<a href="#">LGII</a>
<a href="#">ADRB2</a>	5q32	ADRB2 (adrenoceptor beta 2, surface)
<a href="#">AIP</a>	11q13.2	AIP (aryl hydrocarbon receptor interacting protein)

AIS (Alias)	Xq12	<a href="#">AR</a>
AIS (Alias)	3q28	<a href="#">TP63</a>
AIT (Alias)	12q23.1	<a href="#">SLC5A8</a>
AITRL (Alias)	1q25.1	<a href="#">TNFSF18</a>
<a href="#">AKAP12</a>	6q25.1	AKAP12 A kinase (PRKA) anchor protein 12
AKAP250 (Alias)	6q25.1	<a href="#">AKAP12</a>
AKAP350 (Alias)	7q21.2	<a href="#">AKAP9</a>
AKAP450 (Alias)	7q21.2	<a href="#">AKAP9</a>
<a href="#">AKAP9</a>	7q21.2	AKAP9 (A kinase (PRKA) anchor protein (yotiao) 9)
AMID (Alias)	10q22.1	<a href="#">AIFM2</a>
AML1 (acute myeloid leukemia 1) (Alias)	21q22.12	<a href="#">RUNX1</a>
AML1T1 (AML1 translocated to, 1), (Alias)	8q21.3	<a href="#">RUNX1T1</a>
AML3 (Alias)	6p21.1	<a href="#">RUNX2</a>
<a href="#">AMOT</a>	Xq23	AMOT (angiotonin)
<a href="#">AMP-19</a>	19q13.4	AMP-19 (AML1 partner from chromosome 19)
AMPH2 (Alias)	2q14.3	<a href="#">BIN1</a>
AMPH-II (Alias)	2q14.3	<a href="#">BIN1</a>
AMPHL (Alias)	2q14.3	<a href="#">BIN1</a>
AMPK (Alias)	12q24.23	<a href="#">PRKAB1</a>
AMPKb (Alias)	12q24.23	<a href="#">PRKAB1</a>
AMPKbeta1 (Alias)	12q24.23	<a href="#">PRKAB1</a>
AMPK beta (Alias)	12q24.23	<a href="#">PRKAB1</a>
A-myb (Alias)	8q13.1	<a href="#">MYBL1</a>
A-Myb (Alias)	8q13.1	<a href="#">MYBL1</a>
A-MYB (Alias)	8q13.1	<a href="#">MYBL1</a>
AMYB (Alias)	8q13.1	<a href="#">MYBL1</a>
AN2 (Alias)	11p13	<a href="#">PAX6</a>
AN (Alias)	11p13	<a href="#">PAX6</a>
ANCR (Alias)	15q11.2	<a href="#">UBE3A</a>
ANE1 (Alias)	2q12.3	<a href="#">RANBP2</a>
<a href="#">ANG</a>	14q11.2	ANG (angiogenin, ribonuclease, RNase A family, 5)
Arc-1 (Alias)	16q22.1	<a href="#">CDH1</a>
ARC (Apoptosis Repressor with CARD) (Alias)	16q22.1	<a href="#">NOL3</a>
ARCC2 (Alias)	1p36.13	<a href="#">EPHA2</a>
ARCL1A (Alias)	14q32.12	<a href="#">FBLN5</a>
ARD-1 (Alias)	1p35.3	<a href="#">PPP1R8</a>
ARD1 (Alias)	1p35.3	<a href="#">PPP1R8</a>
<a href="#">AREG</a>	4q13.3	AREG (amphiregulin (schwannoma-derived growth factor))

ARG (Abelson related gene) (Alias)	1q25.2	<a href="#">ABL2</a>
ARGBP2 (Arg/Abl-interacting protein 2) (Alias)	4q35.1	<a href="#">SORBS2</a>
ARH12 (Alias)	3p21.31	<a href="#">RHOA</a>
ARH6 (Alias)	2p24.1	<a href="#">RHOB</a>
ARH9 (Alias)	1p13.2	<a href="#">RHOC</a>
ARHA (Alias)	3p21.31	<a href="#">RHOA</a>
ARHB (Alias)	2p24.1	<a href="#">RHOB</a>
ARHC (Alias)	1p13.2	<a href="#">RHOC</a>
ARHE (Alias)	2q23.3	<a href="#">RND3</a>
<a href="#">ARHGAP20</a>	11q23.1	ARHGAP20 (Rho GTPase activating protein 20)
<a href="#">ARHGAP26</a>	5q31.3	ARHGAP26 (GTPase activating protein for Rho associated with FAK)
ARHGAP7 (Alias)	8p22	<a href="#">DLC1</a>
<a href="#">ARHGEF12</a>	11q23.3	ARHGEF12 (Rho guanine nucleotide exchange factor (GEF) 12)
ARHGEF23 (Alias)	5p15.2	<a href="#">TRIO</a>
<a href="#">ARHGEF2</a>	1q22	ARHGEF2 (rho/rac guanine nucleotide exchange factor (GEF) 2)
ARHGEF31 (Alias)	3q26.31	<a href="#">ECT2</a>
ARHGEF8 (Alias)	10p15.1	<a href="#">NET1</a>
ARHH (Alias)	4p14	<a href="#">RHOH</a>
ARHI (Alias)	1p31.3	<a href="#">DIRAS3</a>
<a href="#">AR</a>	Xq12	AR (Androgen Receptor (dihydrotestosterone receptor; testicular feminization; spinal and bulbar muscular atrophy; Kennedy disease))
<a href="#">ARID1A</a>	1p36.11	ARID1A (AT rich interactive domain 1A (SWI-like))
<a href="#">ARID5B</a>	10q21.2	ARID5B (AT rich interactive domain 5B (MRF1-like))
ARK1 (Alias)	20q13.2	<a href="#">AURKA</a>
ARK2 (Alias)	17p13.1	<a href="#">AURKB</a>
ARK5 (Alias)	12q23.3	<a href="#">NUAK1</a>
ARM1 (Alias)	19q13.41	<a href="#">KLK4</a>
<a href="#">ARMCX1</a>	Xq22.1	ARMCX1 (arm protein lost in epithelial cancers, X chromosome, 1)

<a href="#">ARMCX2</a>	Xq22.1	ARMCX2 (arm protein lost in epithelial cancers, X chromosome, 2)
<a href="#">ARMCX3</a>	Xq22.1	ARMCX3 (arm protein lost in epithelial cancers, X chromosome, 3)
<a href="#">ATMIN</a>	16q23.2	ATMIN (ATM Interactor)
AT motif-binding factor 1 (Alias)	16q22.2	<a href="#">ZFHX3</a>
ATOD4 (Alias)	17q25.3	<a href="#">SOCS3</a>
ATPCL (Alias)	17q21.2	<a href="#">ACLY</a>
ATP-dependent DNA helicase Q4 (Alias)	8q24.3	<a href="#">RECQL4</a>
<a href="#">ATR</a>	3q23	ATR (ataxia telangiectasia and Rad3 related)
<a href="#">BCL6</a>	3q27.3	BCL6 (B-Cell Lymphoma 6)
<a href="#">BCL7B</a>	7q11.23	BCL7B (B-cell CLL/lymphoma 7B)
BCL8A (Alias)	15q11.2	<a href="#">NBEP1</a>
BCL8 (Alias)	15q11.2	<a href="#">NBEP1</a>
<a href="#">BCL9</a>	1q21.2	BCL9 (B-cell CLL/lymphoma 9)
<a href="#">BCLAF1</a>	6q23.3	BCLAF1 (BCL2-associated transcription factor 1)
<a href="#">BRD4</a>	19p13.12	BRD4 (bromodomain containing 4)
Bre2 (Alias)	8p11.23	<a href="#">ASH2L</a>
<a href="#">BRE</a>	2p23.2	BRE (brain and reproductive organ-expressed (TNFRSF1A modulator))
BRF1 (Alias)	14q24.1	<a href="#">ZFP36L1</a>
BRG-1 (Alias)	19p13.2	<a href="#">SMARCA4</a>
BRG1 (Alias)	19p13.2	<a href="#">SMARCA4</a>
BRIT1 (Alias)	8p23.1	<a href="#">MCPH1</a>
BRK (Alias)	20q13.33	<a href="#">PTK6</a>
<a href="#">BRMS1</a>	11q13.2	BRMS1 (breast cancer metastasis suppressor 1)
<a href="#">CCND1</a>	11q13.3	CCND1 (B-cell leukemia/lymphoma 1)
<a href="#">CCR1</a>	3p21.31	CCR1 (chemokine (C-C motif) receptor 1)
<a href="#">CDC6</a>	17q21.2	CDC6 (cell division cycle 6 homolog (S. cerevisiae))
<a href="#">CDC73</a>	1q31.2	CDC73 (cell division cycle 73, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae))
CDCH (Alias)	9q22.1	<a href="#">CDK20</a>

<a href="#">CDCP1</a>	3p21.31	CDCP1 (CUB domain containing protein 1)
CDCREL (Alias)	22q11.21	<a href="#">SEPT5</a>
CDD (Alias)	1p36.12	<a href="#">CDA</a>
CDF (Alias)	7p15.3	<a href="#">IL6</a>
CDG2 (Alias)	5q31.1	<a href="#">TGFBI</a>
CDGG1 (Alias)	5q31.1	<a href="#">TGFBI</a>
<a href="#">CDH13</a>	16q23.3	CDH13 (cadherin 13, H-cadherin (heart))
CDH16 (Alias)	8q22.1	<a href="#">CDH17</a>
<a href="#">CDH17</a>	8q22.1	CDH17 (cadherin 17, LI cadherin (liver-intestine))
<a href="#">CDH1</a>	16q22.1	CDH1 (cadherin 1, type 1, E-cadherin (epithelial))
<a href="#">CDH3</a>	16q22.1	CDH3 (Cadherin 3, Type 1, P-Cadherin (Placental))
CDHE (Alias)	16q22.1	<a href="#">CDH1</a>
CDHF5 (Alias)	18q12.1	<a href="#">DSG2</a>
CDHF7 (Alias)	4q35.2	<a href="#">FAT1</a>
CDHH (Alias)	16q23.3	<a href="#">CDH13</a>
CDHP (Alias)	16q22.1	<a href="#">CDH3</a>
CDHR8 (Alias)	4q35.2	<a href="#">FAT1</a>
CDHS (Alias)	2q36.1	<a href="#">PAX3</a>
<a href="#">CDK20</a>	9q22.1	CDK20 (cell cycle related kinase)
<a href="#">CDK4</a>	12q14.1	CDK4 (cyclin-dependent kinase 4)
CDK4I (Alias)	9p21.3	<a href="#">CDKN2A</a>
CDK4I (Alias)	9p21.3	<a href="#">CDKN2B</a>
<a href="#">CDKN1A</a>	6p21.2	CDKN1A (cyclin-dependent kinase inhibitor 1A)
<a href="#">CDKN1B</a>	12p13.1	CDKN1B (cyclin-dependent kinase inhibitor 1B)
CDKN2a (Alias)	9p21.3	<a href="#">CDKN2A</a>
<a href="#">CDKN2A</a>	9p21.3	CDKN2A (cyclin dependent kinase 2a / p16)
<a href="#">CDKN2B</a>	9p21.3	CDKN2B (cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4))
CDMT (Alias)	16q12.1	<a href="#">CYLD</a>
CDN1 (Alias)	6p21.31	<a href="#">BAK1</a>
CDP1 (Alias)	7q22.1	<a href="#">CUX1</a>
CDP (Alias)	7q22.1	<a href="#">CUX1</a>
CDP/Cut (Alias)	7q22.1	<a href="#">CUX1</a>
CDR (cyclin D related gene), (Alias)	8q21.3	<a href="#">RUNX1T1</a>
CDS1 (Alias)	22q12.1	<a href="#">CHEK2</a>

<a href="#">CDT1</a>	16q24.3	CDT1 (chromatin licensing and DNA replication factor 1)
CDW127 (Alias)	5p13.2	<a href="#">IL7R</a>
CDw128a (Alias)	2q35	<a href="#">CXCR1</a>
CDw199 (Alias)	3p21.31	<a href="#">CCR9</a>
CDw44 (Alias)	11p13	<a href="#">CD44</a>
CDW44 (Alias)	11p13	<a href="#">CD44</a>
CDw90 (Alias)	11q23.3	<a href="#">THY1</a>
<a href="#">CDX2</a>	13q12.2	CDX2 (caudal-related homeobox 2)
CDX3 (Alias)	13q12.2	<a href="#">CDX2</a>
<a href="#">CEACAM1</a>	19q13.2	CEACAM1 (carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein))
<a href="#">CIITA</a>	16p13.13	CIITA (MHC class II transactivator)
CILD22 (Alias)	3p21.31	<a href="#">ZMYND10</a>
CIP1 (CDK-interacting protein) (Alias)	6p21.2	<a href="#">CDKN1A</a>
CIP29 (Alias)	12q13.2	<a href="#">SARNP</a>
CIP2A (Alias)	3q13.13	<a href="#">KIAA1524</a>
CIPER (Alias)	1p22.3	<a href="#">BCL10</a>
CIS1 (cytokine-inducible SH2 protein 1) (Alias)	16p13.13	<a href="#">SOCS1</a>
CIS-2, Cytokine-inducible SH2 protein 2 (Alias)	12q22	<a href="#">SOCS2</a>
CIS2, STAT induced STAT inhibitor-2 (Alias)	12q22	<a href="#">SOCS2</a>
<a href="#">CPM</a>	12q15	CPM (carboxypeptidase M)
CPSB (Alias)	8p23.1	<a href="#">CTSB</a>
CPSB (Alias)	15q25.1	<a href="#">CTSH</a>
CRAF1 (Alias)	14q32.32	<a href="#">TRAF3</a>
CRAF (Alias)	3p25.2	<a href="#">RAF1</a>
CRC18 (Alias)	18q21.2	<a href="#">DCC</a>
CRCR1 (Alias)	18q21.2	<a href="#">DCC</a>
CRD-BP (Alias)	17q21.32	<a href="#">IGF2BP1</a>
CRDBP (Alias)	17q21.32	<a href="#">IGF2BP1</a>
CRDGF (Alias)	4q13.3	<a href="#">AREG</a>
CREB1 (Alias)	2q31.1	<a href="#">ATF2</a>
CREB2 (Alias)	2q31.1	<a href="#">ATF2</a>
CREB-2 (Alias)	22q13.1	<a href="#">ATF4</a>
CREB2 (Alias)	22q13.1	<a href="#">ATF4</a>
<a href="#">CREB3L2</a>	7q33	CREB3L2 (cAMP responsive element binding protein 3-like 2)
<a href="#">CREBBP</a>	16p13.3	CREBBP (CREB binding protein)
CRE-BP1 (Alias)	2q31.1	<a href="#">ATF2</a>
CREBP1 (Alias)	2q31.1	<a href="#">ATF2</a>
CREST (Alias)	20q13.33	<a href="#">SS18L1</a>

CRF2-9 (Alias)	1p36.11	<a href="#">IL22RA1</a>
CRIF1 (Alias)	19p13.2	<a href="#">GADD45GIP1</a>
CRKAS (Alias)	16q23.1	<a href="#">BCAR1</a>
<a href="#">CRK</a>	17p13.3	CRK (v-crk sarcoma virus CT10 oncogene homolog (avian))
CRKII (Alias)	17p13.3	<a href="#">CRK</a>
CRM1 (Alias)	2p15	<a href="#">XPO1</a>
CRP-ductin (mouse) (Alias)	10q26.13	<a href="#">DMBT1</a>
CRS2 (Alias)	5q35.2	<a href="#">MSX2</a>
<a href="#">CRTC1</a>	19p13.11	CRTC1 (CREB regulated transcription coactivator 1)
<a href="#">CRTC2</a>	1q21.3	CRTC2 (CREB regulated transcription coactivator 2)
CRYA2 (Alias)	11q23.1	<a href="#">CRYAB</a>
<a href="#">CRYAB</a>	11q23.1	CRYAB (crystallin, alpha B)
CSA (Cockayne syndrome A) (Alias)	5q12.1	<a href="#">ERCC8</a>
CSB (Cockayne syndrome B) (Alias)	10q11.23	<a href="#">ERCC6</a>
CSBP1 (Alias)	6p21.31	<a href="#">MAPK14</a>
CSBP2 (Alias)	6p21.31	<a href="#">MAPK14</a>
CSBP (Alias)	9q21.32	<a href="#">HNRNPK</a>
CSC-21K (Alias)	17q25.3	<a href="#">TIMP2</a>
CSD1 (Alias)	5q31.1	<a href="#">TGFB1</a>
CSD2 (Alias)	5q31.1	<a href="#">TGFB1</a>
CSD3 (Alias)	5q31.1	<a href="#">TGFB1</a>
CSDA2 (Alias)	1p34.2	<a href="#">YBX1</a>
CSD (Alias)	5q31.1	<a href="#">TGFB1</a>
CSDB (Alias)	1p34.2	<a href="#">YBX1</a>
CSDD2 (Alias)	6q16.3	<a href="#">LIN28B</a>
CSE1 (Alias)	20q13.13	<a href="#">CSE1L</a>
<a href="#">CSE1L</a>	20q13.13	CSE1L (CSE1 chromosome segregation 1-like (yeast))
CSF-1-R (Alias)	5q32	<a href="#">CSF1R</a>
<a href="#">CSF1R</a>	5q32	CSF1R (colony stimulating factor 1 receptor, formerly McDonough feline sarcoma viral (v-fms) oncogene homolog)
<a href="#">CYP2A6</a>	19q13.2	CYP2A6 (cytochrome P450, family 2, subfamily A, polypeptide 6)
CYP2A (Alias)	19q13.2	<a href="#">CYP2A6</a>
<a href="#">CYP2W1</a>	7p22.3	CYP2W1 (cytochrome P450, family 2, subfamily W, polypeptide 1)
<a href="#">CYP4B1</a>	1p33	CYP4B1 (cytochrome P450, family 4, subfamily B, polypeptide 1)
<a href="#">CYP7A1</a>	8q12.1	CYP7A1 (cytochrome P450, family 7,

		subfamily A, polypeptide 1)
CYP7 (Alias)	8q12.1	<a href="#">CYP7A1</a>
<a href="#">CYP7B1</a>	8q12.3	CYP7B1 (cytochrome P450, family 7, subfamily B, polypeptide 1)
CYP7B (Alias)	8q12.3	<a href="#">CYP7B1</a>
CYP8A1 (Alias)	20q13.13	<a href="#">PTGIS</a>
CYP8 (Alias)	20q13.13	<a href="#">PTGIS</a>
CYP1A6 (Alias)	19q13.2	<a href="#">CYP2A6</a>
CYP1W1 (Alias)	7p22.3	<a href="#">CYP2W1</a>
CYP1B1 (Alias)	1p33	<a href="#">CYP4B1</a>
CYPVII (Alias)	8q12.1	<a href="#">CYP7A1</a>
<a href="#">CYR61</a>	1p22.3	CYR61 (cysteine-rich, angiogenic inducer, 61)
Cystatin-6 (Alias)	11q13.1	<a href="#">CST6</a>
Cystatin-A (Alias)	3q21.1	<a href="#">CSTA</a>
Cystatin-AS (Alias)	3q21.1	<a href="#">CSTA</a>
Cystatin-B (Alias)	21q22.3	<a href="#">CSTB</a>
Cystatin-E (Alias)	11q13.1	<a href="#">CST6</a>
Cystatin E/M (Alias)	11q13.1	<a href="#">CST6</a>
Cystatin M (Alias)	11q13.1	<a href="#">CST6</a>
Cytochrome c oxidase polypeptide Vlc precursor (Alias)	8q22.2	<a href="#">COX6C</a>
Cytotactin (Alias)	9q33.1	<a href="#">TNC</a>
CYTSB (Alias)	17p11.2	<a href="#">SPECC1</a>

DOS117E (Alias)	5q35.3	<a href="#">DBN1</a>
D10S170 (Alias)	10q21.2	<a href="#">CCDC6</a>
D11S812E (Alias)	11p13	<a href="#">PAX6</a>
D12S2489E (Alias)	12p13.2	<a href="#">KLRK1</a>
D14Ertd420e (Alias)	3p21.1	<a href="#">PRKCD</a>
D2 (Alias)	14q31.1	<a href="#">DIO2</a>
D3F15S2 (Alias)	3p21.31	<a href="#">MST1</a>
D40 (Alias)	15q15.1	<a href="#">CASC5</a>
D52 (Alias)	8q21.13	<a href="#">TPD52</a>
D9S46E (Alias)	9q34.13	<a href="#">NUP214</a>
DAB-2 (Alias)	5p13.1	<a href="#">DAP2IP</a>
<a href="#">DAB2</a>	5p13.1	DAP2IP (disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila))
<a href="#">DAB2IP</a>	9q33.2	DAB2IP (DAB2 interacting protein)
DACAR (Alias)	19q13.33	<a href="#">CARD8</a>
DAGK1 (Alias)	12q13.2	<a href="#">DGKA</a>
DAGK (Alias)	12q13.2	<a href="#">DGKA</a>
DAL-1 (Alias)	18p11.31	<a href="#">EPB41L3</a>
DAL1 (Alias)	18p11.31	<a href="#">EPB41L3</a>
DANCE (Alias)	14q32.12	<a href="#">FBLN5</a>
<a href="#">DAP2IP</a>	5p13.1	DAP2IP (disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila))

DAP6 (Alias)	6p21.32	<a href="#">DAXX</a>
<a href="#">DAPK1</a>	9q21.33	DAPK1 (death-associated protein kinase 1)
<a href="#">DIO2</a>	14q31.1	DIO2 (deiodinase, iodothyronine, type II)
DIP1/2 (Alias)	9q33.2	<a href="#">DAB2IP</a>
DIRA (Alias)	2q13	<a href="#">IL1RN</a>
<a href="#">DIRAS3</a>	1p31.3	DIRAS3 (DIRAS family, GTP-binding RAS-like 3)
<a href="#">DIRC1</a>	2q32.2	DIRC1 (disrupted in renal carcinoma 1)
<a href="#">DIRC2</a>	3q21.1	DIRC2 (disrupted in renal carcinoma 2)
<a href="#">DIRC3</a>	2q35	DIRC3 (disrupted in renal carcinoma 3)
<a href="#">DLX2</a>	2q31.1	DLX2 (distal-less homeobox 2)
<a href="#">DLX4</a>	17q21.33	DLX4 (distal-less homeobox 4)
<a href="#">DLX5</a>	7q21.3	DLX5 (distal-less homeobox 5)
<a href="#">DLX6</a>	7q21.3	DLX6 (distal-less homeobox 6)
DLX7 (Alias)	17q21.33	<a href="#">DLX4</a>
DLX8 (Alias)	17q21.33	<a href="#">DLX4</a>
DLX9 (Alias)	17q21.33	<a href="#">DLX4</a>
<a href="#">DMBT1</a>	10q26.13	DMBT1 (Deleted in malignant brain tumors 1)
DMC (Alias)	19q13.2	<a href="#">CXCL17</a>
DMP1 (Alias)	7q21.12	<a href="#">DMTF1</a>
DMTase (Alias)	18q21.2	<a href="#">MBD2</a>
<a href="#">DMTF1</a>	7q21.12	DMTF1 (cyclin D binding myb-like transcription factor 1)
DMTF (Alias)	7q21.12	<a href="#">DMTF1</a>
DNA (Alias)	19p13.2	<a href="#">DNMT1</a>
<a href="#">DNAJA3</a>	16p13.3	DNAJA3 (DnaJ (Hsp40) homolog, subfamily A, member 3)
<a href="#">DYRK1B</a>	19q13.2	DYRK1B (dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1B)
DYRK (Alias)	21q22.13	<a href="#">DYRK1A</a>
DYS14 (Alias)	Yp11.2	<a href="#">TSPY1</a>
DYSAD (Alias)	19q13.12	<a href="#">FXYD5</a>
Dysadherin (Alias)	19q13.12	<a href="#">FXYD5</a>
E1A binding protein p300 (Alias)	22q13.2	<a href="#">EP300</a>
E1A binding protein p400 (Alias)	12q24.33	<a href="#">EP400</a>

E1A-F (Alias)	17q21.31	<a href="#">ETV4</a>
E1AF (Alias)	17q21.31	<a href="#">ETV4</a>
E2A (Alias)	19p13.3	<a href="#">TCF3</a>
E2 Binding Factor 6 (Alias)	2p25.1	<a href="#">E2F6</a>
E2F-1 (Alias)	20q11.22	<a href="#">E2F1</a>
<a href="#">E2F1</a>	20q11.22	E2F1 (E2F transcription factor 1)
E2F-3 (Alias)	6p22.3	<a href="#">E2F3</a>
<a href="#">E2F3</a>	6p22.3	E2F3 (E2F transcription factor 3)
E2F-4 (Alias)	16q22.1	<a href="#">E2F4</a>
<a href="#">E2F4</a>	16q22.1	E2F4 (E2F transcription factor 4, p107/p130-binding)
E2F-6 (Alias)	2p25.1	<a href="#">E2F6</a>
<a href="#">E2F6</a>	2p25.1	E2F6 (E2F transcription factor 6)
<a href="#">ECM1</a>	1q21.3	ECM1 (extracellular matrix protein 1)
ECMR-III (Alias)	11p13	<a href="#">CD44</a>
ECP51 (Alias)	19q13.33	<a href="#">RUVBL2</a>
ECP54 (Alias)	3q21.3	<a href="#">RUVBL1</a>
EC-PTP (Alias)	12q15	<a href="#">PTPRR</a>
ECRG2 (Alias)	5q32	<a href="#">SPINK7</a>
ECT1 (Alias)	10q26.13	<a href="#">FGFR2</a>
<a href="#">ECT2</a>	3q26.31	ECT2 (epithelial cell transforming sequence 2 oncogene)
ECTACC (Alias)	10q26.13	<a href="#">TACC2</a>
ECYT3 (Alias)	1q42.2	<a href="#">EGLN1</a>
ECYT4 (Alias)	2p21	<a href="#">EPAS1</a>
EDDR1 (Alias)	6p21.33	<a href="#">DDR1</a>
EDG2 (Alias)	9q31.3	<a href="#">LPAR1</a>
EDG-4 (Alias)	19p13.11	<a href="#">LPAR2</a>
EDG4 (Alias)	19p13.11	<a href="#">LPAR2</a>
<a href="#">EDIL3</a>	5q14.3	EDIL3 (EGF-Like Repeats And Discoidin I-Like Domains 3)
EDR (Alias)	7q21.3	<a href="#">PEG10</a>
EEC3 (Alias)	3q28	<a href="#">TP63</a>
<a href="#">EEF1A1</a>	6q13	EEF1A1 (eukaryotic translation elongation factor 1 alpha 1)
<a href="#">EEF1A2</a>	20q13.33	EEF1A2 (eukaryotic translation elongation factor 1 alpha 2)
<a href="#">ENPP7</a>	17q25.3	ENPP7 (ectonucleotide pyrophosphatase/phosphodiesterase 7)
ENT0 (Alias)	11q13.5	<a href="#">C11orf30</a>
Env-W (Alias)	-	<a href="#">ERVW-1</a>
ENX-1 (Alias)	7q36.1	<a href="#">EZH2</a>
ENX1 (Alias)	7q36.1	<a href="#">EZH2</a>
<a href="#">EP300</a>	22q13.2	EP300 (E1A binding protein p300)

<a href="#">EP400</a>	12q24.33	EP400 (E1A binding protein p400)
<a href="#">EPAS1</a>	2p21	EPAS1 (Endothelial PAS Domain Protein 1)
EPB3 (Alias)	17q21.31	<a href="#">SLC4A1</a>
<a href="#">EPB41L3</a>	18p11.31	EPB41L3 (erythrocyte membrane protein band 4.1-like 3)
Ep-CAM (Alias)	2p21	<a href="#">EPCAM</a>
EpCAM (Alias)	2p21	<a href="#">EPCAM</a>
<a href="#">EPCAM</a>	2p21	EPCAM (tumor-associated calcium signal transducer 1)
EPG3 (Alias)	17q23.1	<a href="#">VMP1</a>
EphA1 (Alias)	7q34	<a href="#">EPHA1</a>
<a href="#">EPHA1</a>	7q34	EPHA1 (EPH receptor A1)
<a href="#">EPHA2</a>	1p36.13	EPHA2 (EPH receptor A2)
EphA3 (Alias)	3p11.1	<a href="#">EPHA3</a>
<a href="#">EPHA3</a>	3p11.1	EPHA3 (EPH receptor A3)
<a href="#">EPHA7</a>	6q16.1	EPHA7 (EPH receptor A7)
EPH (Alias)	7q34	<a href="#">EPHA1</a>
<a href="#">EPHB6</a>	7q34	EPHB6 (EPH receptor B6)
EPHT1 (Alias)	7q34	<a href="#">EPHA1</a>
EPHT (Alias)	7q34	<a href="#">EPHA1</a>
Epican (Alias)	11p13	<a href="#">CD44</a>
Epitempin-1 (Alias)	10q23.33	<a href="#">LGII</a>
EPM1 (Alias)	21q22.3	<a href="#">CSTB</a>
EPS15 (EGFR Pathway Substrate 15) (Alias)	1p32.3	<a href="#">EPS15</a>
<a href="#">EPS15</a>	1p32.3	EPS15 (epidermal growth factor receptor pathway substrate 15)
<a href="#">EPS8</a>	12p12.3	EPS8 (epidermal growth factor receptor pathway substrate 8)
EPT (Alias)	10q23.33	<a href="#">LGII</a>
EPVE6AP (Alias)	15q11.2	<a href="#">UBE3A</a>
Erl (Alias)	1p31.3	<a href="#">MIER1</a>
ER1 (Alias)	1p31.3	<a href="#">MIER1</a>
ER81 (Alias)	7p21.2	<a href="#">ETV1</a>
ERBA2 (Alias)	3p24.2	<a href="#">THRB</a>
Erb (Alias)	14q23.2	<a href="#">ESR2</a>
<a href="#">ERBB2</a>	17q12	ERBB2 (v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian))

ErbB-3 (Alias)	12q13.2	<a href="#">ERBB3</a>
<a href="#">ERBB3</a>	12q13.2	ERBB3 (v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian))
ER-BETA (Alias)	14q23.2	<a href="#">ESR2</a>
<a href="#">ERC1</a>	12p13.33	ERC1 (ELKS/RAB6-interacting/CAST family member 1)
<a href="#">ERCC1</a>	19q13.32	ERCC1 (excision repair complementing defective repair in Chinese hamster.)
<a href="#">ERCC2</a>	19q13.32	ERCC2 (Excision repair cross-complementing rodent repair deficiency, complementation group 2)
<a href="#">ESRRα</a>	11q13.1	ESRRα (estrogen-related receptor alpha)
<a href="#">ESRRG</a>	1q41	ESRRG (estrogen-related receptor gamma)
EST182763 (Alias)	6p21.1	<a href="#">ABCC10</a>
EST422562 (Alias)	7p21.1	<a href="#">ABCB5</a>
ESTRB (Alias)	14q23.2	<a href="#">ESR2</a>
ETA-1 (Alias)	4q22.1	<a href="#">SPP1</a>
ETK1 (Alias)	3p11.1	<a href="#">EPHA3</a>
ETK (Alias)	3p11.1	<a href="#">EPHA3</a>
ETL1 (Alias)	10q23.33	<a href="#">LGI1</a>
ETO (eighth twenty one) (Alias)	8q21.3	<a href="#">RUNX1T1</a>
ETR-3 (Alias)	10p14	<a href="#">CELF2</a>
ETR3 (Alias)	10p14	<a href="#">CELF2</a>
ETS-1 (Alias)	11q24.3	<a href="#">ETS1</a>
<a href="#">ETS1</a>	11q24.3	ETS1 (v-ets erythroblastosis virus E26 oncogene homolog 1 (avian))
Ets-2 (Alias)	21q22.2	<a href="#">ETS2</a>
Ets2 (Alias)	21q22.2	<a href="#">ETS2</a>
<a href="#">ETS2</a>	21q22.2	ETS2 (v-ets erythroblastosis virus E26 oncogene homolog 2 (avian))
ETS2IT1 (Alias)	21q22.2	<a href="#">ETS2</a>
<a href="#">ETV1</a>	7p21.2	ETV1 (ets variant 1)
<a href="#">ETV4</a>	17q21.31	ETV4 (ets variant 4)
<a href="#">ETV6</a>	12p13.2	ETV6 (ets variant 6)
EVEC (Alias)	14q32.12	<a href="#">FBLNS</a>
EVI16 (Alias)	6p22.3	<a href="#">SOX4</a>
EVI1 (Alias)	3q26.2	<a href="#">MECOM</a>
EVR1 (Alias)	11q13.2	<a href="#">LRP5</a>
EVR4 (Alias)	11q13.2	<a href="#">LRP5</a>
EWG (Alias)	7q32.2	<a href="#">NRF1</a>

EWI-2 (Alias)	1q23.2	<a href="#">IGSF8</a>
EWI2 (Alias)	1q23.2	<a href="#">IGSF8</a>
EWS (Alias)	22q12.2	<a href="#">EWSR1</a>
<a href="#">EWSR1</a>	22q12.2	EWSR1 (Ewing sarcoma breakpoint region 1)
EWSR2 (Alias)	11q24.3	<a href="#">ETS1</a>
EWSR2 (Alias)	11q24.3	<a href="#">FLI1</a>
EWWD (Alias)	16q12.1	<a href="#">ABCC11</a>
EXIP (Alias)	6p21.31	<a href="#">MAPK14</a>
<a href="#">EXT1</a>	8q24.11	EXT1 (exostosin 1)
<a href="#">EXT2</a>	11p11.2	EXT2 exostoses (multiple) 2
<a href="#">EYA2</a>	20q13.12	EYA2 (EYA transcriptional coactivator and phosphatase 2)
Eyk (chicken) (Alias)	2q13	<a href="#">MERTK</a>
EZF (Alias)	9q31.2	<a href="#">KLF4</a>
EZH1 (Alias)	7q36.1	<a href="#">EZH2</a>
EZH2b (Alias)	7q36.1	<a href="#">EZH2</a>
<a href="#">EZH2</a>	7q36.1	EZH2 (enhancer of zeste homolog 2 (Drosophila))
F23149_1 (Alias)	19q13.2	<a href="#">PAF1</a>
F37 (Alias)	8p21.3	<a href="#">LZTS1</a>
FA1 (Alias)	16q24.3	<a href="#">FANCA</a>
FA3 (Alias)	9q22.32	<a href="#">FANCC</a>
FAA3 (Alias)	3p24.1	<a href="#">TGFBR2</a>
FAA (Alias)	16q24.3	<a href="#">FANCA</a>
FA (Alias)	16q24.3	<a href="#">FANCA</a>
FAAR (Alias)	6p21.31	<a href="#">PPARD</a>
<a href="#">FABP5</a>	8q21.13	FABP5 (fatty acid binding protein 5 (psoriasis-associated))
<a href="#">FABP7</a>	6q22.31	FABP7 (fatty acid binding protein 7, brain)
FETA (Alias)	4q13.3	<a href="#">AFP</a>
FEZ1 (Alias)	8p21.3	<a href="#">LZTS1</a>
FFDD3 (Alias)	2q37.3	<a href="#">TWIST2</a>
FGA7 (Alias)	4q28	<a href="#">FGA7</a>
<a href="#">FGA7</a>	4q28	FGA7 (Fused Gene 7 to AML1)
FGF-1 (Alias)	5q31.3	<a href="#">FGF1</a>
<a href="#">FGF1</a>	5q31.3	FGF1 (fibroblast growth factor 1 (acidic))
FGF-2 (Alias)	4q28.1	<a href="#">NUDT6</a>
FGF2AS (Alias)	4q28.1	<a href="#">NUDT6</a>
<a href="#">FGF2</a>	4q27	FGF2 (fibroblast growth factor 2 (basic))
FGF-8 (Alias)	10q24.32	<a href="#">FGF8</a>
<a href="#">FGF8</a>	10q24.32	FGF8 (fibroblast growth factor 8 (androgen-induced))

FGFA (Alias)	5q31.3	<a href="#">FGF1</a>
FGF-alpha (Alias)	5q31.3	<a href="#">FGF1</a>
FGF-AS (Alias)	4q28.1	<a href="#">NUDT6</a>
FGFB (Alias)	4q27	<a href="#">FGF2</a>
FGFBR (FGFb receptor) (Alias)	8p11.23	<a href="#">FGFR1</a>
<a href="#">FGFR1</a>	8p11.23	FGFR1 (Fibroblast Growth Factor Receptor 1)
<a href="#">FGFR1OP</a>	6q27	FGFR1OP (FGFR1 oncogene partner)
<a href="#">FGFR2</a>	10q26.13	FGFR2 (fibroblast growth factor receptor 2)
<a href="#">FGFR3</a>	4p16.3	FGFR3 (Fibroblast Growth Factor Receptor 3)
<a href="#">FGFR4</a>	5q35.2	FGFR4 (fibroblast growth factor receptor 4)
<a href="#">FH</a>	1q43	FH (fumarate hydratase).
FHH (Alias)	3q21.1	<a href="#">CASR</a>
<a href="#">FHIT</a>	3p14.2	FHIT (Fragile Histidine Triad)
<a href="#">FSCN1</a>	7p22.1	FSCN1 (fascin homolog 1, actin-bundling protein (Strongylocentrotus purpuratus))
FSGS1 (Alias)	19q13.2	<a href="#">ACTN4</a>
FSGS (Alias)	19q13.2	<a href="#">ACTN4</a>
FSP1 (Alias)	1q21.3	<a href="#">S100A4</a>
FSRP (Alias)	19p13.3	<a href="#">FSTL3</a>
<a href="#">FST</a>	5q11.2	FST (follistatin)
<a href="#">FSTL3</a>	19p13.3	FSTL3 (follistatin-like 3 (secreted glycoprotein))
F-TCF (Alias)	7q21.11	<a href="#">HGF</a>
FTZ1 (Alias)	9q33.3	<a href="#">NR5A1</a>
FTZF1 (Alias)	9q33.3	<a href="#">NR5A1</a>
Fub1 (Alias)	11q13.1	<a href="#">FAU</a>
Fubi (Alias)	11q13.1	<a href="#">FAU</a>
<a href="#">FUBP1</a>	1p31.1	FUBP1 (far upstream element (FUSE) binding protein 1)
FUBP (Alias)	1p31.1	<a href="#">FUBP1</a>
FUR (Alias)	15q26.1	<a href="#">FURIN</a>
<a href="#">FURIN</a>	15q26.1	FURIN (furin (paired basic amino acid cleaving enzyme))
FUS2 (Alias)	3p21.31	<a href="#">HYAL1</a>
<a href="#">FUS</a>	16p11.2	FUS (fusion involved in t (12;16) in malignant liposarcoma)

<a href="#">FUT8</a>	14q23.3	FUT8 (fucosyltransferase 8 (alpha (1,6)fucosyltransferase))
<a href="#">Fwd1</a> (Alias)	10q24.32	<a href="#">BTRC</a>
FWD1 (Alias)	10q24.32	<a href="#">BTRC</a>
FXR (Alias)	12q23.1	<a href="#">NR1H4</a>
<a href="#">FXYD3</a>	19q13.12	FXYD3 (FXYD domain containing ion transport regulator 3)
<a href="#">FXYD5</a>	19q13.12	FXYD5 (FXYD domain containing ion transport regulator 5)
<a href="#">FZR2</a> (Alias)	2q32.1	<a href="#">FRZB</a>
G0S30 (Alias)	5q31.2	<a href="#">EGR1</a>
G0S8 (Alias)	1q31.2	<a href="#">RGS2</a>
G15 (Alias)	3p21.31	<a href="#">RBMS5</a>
G17P1 (Alias)	17q23.3	<a href="#">DDX5</a>
G22P1 (Alias)	22q13.2	<a href="#">XRCC6</a>
G25K (Alias)	1p36.12	<a href="#">CDC42</a>
G344 (Alias)	11p13	<a href="#">CD59</a>
G6 (Alias)	6p21.33	<a href="#">CLIC1</a>
G9A (Alias)	6p21.33	<a href="#">EHMT2</a>
GA11 (Alias)	19p13.3	<a href="#">GNA11</a>
Ga55 (Alias)	8p11.22	<a href="#">TACC1</a>
GA733-2 (Alias)	2p21	<a href="#">EPCAM</a>
GAAD (Alias)	17q21.33	<a href="#">NME1</a>
<a href="#">GAB2</a>	11q14.1	GAB2 (GRB2-associated binding protein 2)
GABBR1 (Alias)	6p22.1	<a href="#">UBD</a>
GADD153 (Growth arrest and DNA damage inducible gene 153) (Alias)	12q13.3	<a href="#">DDIT3</a>
<a href="#">GADD45A</a>	1p31.3	GADD45A (growth arrest and DNA-damage-inducible, alpha)
GADD45 (Alias)	1p31.3	<a href="#">GADD45A</a>
<a href="#">GADD45GIP1</a>	19p13.2	GADD45GIP1 (growth arrest and DNA-damage-inducible, gamma interacting protein 1)
GAL3 (Alias)	14q22.3	<a href="#">LGALS3</a>
GALBP (Alias)	14q22.3	<a href="#">LGALS3</a>
GALIG (Alias)	14q22.3	<a href="#">LGALS3</a>
GalNAcT6 (Alias)	12q13.13	<a href="#">GALNT6</a>
GALNAC-T6 (Alias)	12q13.13	<a href="#">GALNT6</a>
<a href="#">GALNT6</a>	12q13.13	GALNT6 (UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 6 (GalNAc-T6))
G-ALPHA-h (Alias)	20q11.23	<a href="#">TGM2</a>
G-ALPHA-q (Alias)	9q21.2	<a href="#">GNAQ</a>

GAOB1 (Alias)	17q23.2	<a href="#">BCAS3</a>
GAQ (Alias)	9q21.2	<a href="#">GNAQ</a>
<a href="#">GAS5</a>	1q25.1	GAS5 (growth arrest-specific 5 (non-protein coding))
<a href="#">GAS7</a>	17p13.1	GAS7 (growth arrest-specific 7)
GRTH (Alias)	3p24.2	<a href="#">THR8</a>
GSA (Alias)	20q13.32	<a href="#">GNAS</a>
GSDM1 (Alias)	17q21.1	<a href="#">GSDMA</a>
<a href="#">GSDMA</a>	17q21.1	GSDMA (gasdermin A)
GSDM (Alias)	17q21.1	<a href="#">GSDMA</a>
<a href="#">GSDMB</a>	17q12	GSDMB (gasdermin B)
GSDML (Alias)	17q12	<a href="#">GSDMB</a>
GSF (Alias)	13q12.2	<a href="#">PDX1</a>
GSHPX1 (Alias)	3p21.31	<a href="#">GPX1</a>
<a href="#">GSK3B</a>	3q13.33	GSK3B (glycogen synthase kinase 3 beta)
GSK3B-interacting protein (Alias)	14q22.1	<a href="#">NIN</a>
Gsp1 (Alias)	12q24.33	<a href="#">RAN</a>
GSP (Alias)	20q13.32	<a href="#">GNAS</a>
GST2 (Alias)	6p12.2	<a href="#">GSTA1</a>
GSTA1-1 (Alias)	6p12.2	<a href="#">GSTA1</a>
<a href="#">GSTA1</a>	6p12.2	GSTA1 (glutathione S-transferase alpha 1)
GT650 (Alias)	13q13.1	<a href="#">STARD13</a>
GTBP (Alias)	2p16.3	<a href="#">MSH6</a>
GTD (Alias)	Xp21.2	<a href="#">NR0B1</a>
GTH1 (Alias)	6p12.2	<a href="#">GSTA1</a>
GTL2 (Alias)	14q32.2	<a href="#">MEG3</a>
GTP-GDP dissociation stimulator 1 (Alias)	4q23	<a href="#">RAP1GDS1</a>
GTR2-2 (Alias)	Xq26.2	<a href="#">GPC3</a>
GUC2C (Alias)	12p12.3	<a href="#">GUCY2C</a>
<a href="#">GUCY2C</a>	12p12.3	GUCY2C (guanylate cyclase 2C (heat stable enterotoxin receptor))
GU/RH-II (Alias)	15q23	<a href="#">PIAS1</a>
GW112 (Alias)	13q14.3	<a href="#">OLFM4</a>
Gx (Alias)	22q13.1	<a href="#">RAC2</a>
GX (Alias)	22q13.1	<a href="#">RAC2</a>
<a href="#">GZMA</a>	5q11.2	GZMA (granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3))
H11 (Alias)	12q24.23	<a href="#">HSPB8</a>
H12.3 (Alias)	5q35.3	<a href="#">GNB2L1</a>
H12 (Alias)	3p21.31	<a href="#">RHOA</a>
H1 (Alias)	1p36.11	<a href="#">CLIC4</a>
<a href="#">H2AFX</a>	11q23.3	H2AFX (H2A histone

		family, member X)
H2 (Alias)	9p24.1	<a href="#">RLN2</a>
H2a/x (Alias)	11q23.3	<a href="#">H2AFX</a>
H2AX (Alias)	11q23.3	<a href="#">H2AFX</a>
H2AX (Alias)	11q23.3	<a href="#">H2AFX</a>
H2 (heparin-binding growth factor receptor) (Alias)	8p11.23	<a href="#">FGFR1</a>
H37 (Alias)	3p21.31	<a href="#">RBM5</a>
H3 (rhesus monkey) (Alias)	10q26.13	<a href="#">DMBT1</a>
H4 (Alias)	10q21.2	<a href="#">CCDC6</a>
H6 (Alias)	2p24.1	<a href="#">RHOB</a>
H731 (Alias)	10q25.2	<a href="#">PDCD4</a>
H9 (Alias)	1p13.2	<a href="#">RHOC</a>
HA1753 (Alias)	10p15.1	<a href="#">AKR1C3</a>
<a href="#">HACE1</a>	6q16.3	HACE1 (HECT domain and ankyrin repeat containing E3 ubiquitin protein ligase 1)
HAGE (for AntiGEN) (Alias)	6q13	<a href="#">DDX43</a>
HAI-1 (Alias)	15q15.1	<a href="#">SPINT1</a>
HAI1 (Alias)	15q15.1	<a href="#">SPINT1</a>
HAI (Alias)	15q15.1	<a href="#">SPINT1</a>
HAIP1 (Alias)	11q22.2	<a href="#">BIRC3</a>
HAKRB (Alias)	10p15.1	<a href="#">AKR1C3</a>
HAKRe (Alias)	10p15.1	<a href="#">AKR1C3</a>
HAMPKb (Alias)	12q24.23	<a href="#">PRKAB1</a>
HAP46 (Alias)	9p13.3	<a href="#">BAG1</a>
HAP (Alias)	9p13.3	<a href="#">BAG1</a>
HARAKIRI (Alias)	12q24.22	<a href="#">HRK</a>
HARP (Alias)	7q33	<a href="#">PTN</a>
<a href="#">HAS2</a>	8q24.13	HAS2 (hyaluronan synthase 2)
<a href="#">HIC1</a>	17p13.3	HIC1 (Hypermethylated in Cancer 1)
HIF-1b (Alias)	1q21.3	<a href="#">ARNT</a>
HIF2A (Alias)	2p21	<a href="#">EPAS1</a>
HIFPH2 (Alias)	1q42.2	<a href="#"> EGLN1</a>
HILI (Alias)	8p21.3	<a href="#">PIWIL2</a>
HIP116A (Alias)	3q24	<a href="#">HLTF</a>
HIP116 (Alias)	3q24	<a href="#">HLTF</a>
<a href="#">HIP1</a>	7q11.23	HIP1 (Huntingtin interactin protein 1)
HIP8 (Alias)	Xq28	<a href="#">MAGEA3</a>
<a href="#">HIPK2</a>	7q34	HIPK2 (homeodomain interacting protein kinase 2)
<a href="#">HRK</a>	12q24.22	HRK (harakiri, BCL2 interacting protein (contains only BH3 domain))
<a href="#">KIAA1524</a>	3q13.13	KIAA1524

KIAA1546 (Alias)	4q24	<a href="#">TET2</a>
KIAA1565 (Alias)	14q22.1	<a href="#">NIN</a>
KIAA1570 (Alias)	15q15.1	<a href="#">CASC5</a>
KIAA1610 (Alias)	1p31.3	<a href="#">MIER1</a>
KIAA1743 (Alias)	9q33.2	<a href="#">DAB2IP</a>
KIAA1760 (Alias)	9q22.31	<a href="#">WNK2</a>
KIAA1819 (Alias)	11q21	<a href="#">MAML2</a>
KIAA1860 (Alias)	19q13.32	<a href="#">MARK4</a>
KIAA1914 (Alias)	10q25.3	<a href="#">AFAP1L2</a>
KIAA1961 (Alias)	5q31.1	<a href="#">FNIP1</a>
<a href="#">KIAA1967</a>	8p21.3	KIAA1967 (KIAA1967)
<hr/>		
KIAA4294 (Alias)	13q14.3	<a href="#">OLFM4</a>
KIA (Alias)	10q26.2	<a href="#">MKI67</a>
KIAAOO34 (Alias)	17q23.1	<a href="#">CLTC</a>
KIBRA (Alias)	5q34	<a href="#">WWC1</a>
Kidney-brush-border neutral proteinase (Alias)	3q25.2	<a href="#">MME</a>
<a href="#">KIF14</a>	1q32.1	KIF14 (kinesin family member 14)
<hr/>		
KILLIN (Alias)	10q23.31	<a href="#">KLIN</a>
KIP1 (Alias)	12p13.1	<a href="#">CDKN1B</a>
<a href="#">KIT</a>	4q12	KIT (v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog)
<a href="#">KITLG</a>	12q21.32	KITLG (KIT ligand)
<hr/>		
<a href="#">KIT</a>	4q12	KIT (v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog)
<a href="#">KLF4</a>	9q31.2	KLF4 (Kruppel-like factor 4 (gut))
<hr/>		
<a href="#">KLF5</a>	13q22.1	KLF5 : Kruppel-like factor 5 (intestinal)
<hr/>		
<a href="#">KLF6</a>	10p15.1	KLF6 (Krüppel like factor 6)
<hr/>		
<a href="#">KLK10</a>	19q13.41	KLK10 (Kallikrein-related peptidase 10)
<hr/>		
<a href="#">KLK11</a>	19q13.41	KLK11 (Kallikrein-related peptidase 11)
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<a href="#">KLK4</a>	19q13.41	KLK4 (kallikrein-related peptidase 4)
<hr/>		
<a href="#">KLK5</a>	19q13.41	KLK5 (Kallikrein-related peptidase 5)
<hr/>		
<a href="#">KLK7</a>	19q13.41	KLK7 (kallikrein-related peptidase 7)
<hr/>		
<a href="#">KLK8</a>	19q13.41	KLK8 (kallikrein-related

		peptidase 8)
KLK-L1 (Alias)	19q13.41	<a href="#">KLK4</a>
KLK-L2 (Alias)	19q13.41	<a href="#">KLK5</a>
KLKL2 (Alias)	19q13.41	<a href="#">KLK5</a>
<a href="#">KLIN</a>	10q23.31	KLIN (killin, p53-regulated DNA replication inhibitor)
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KLR (Alias)	12p13.2	<a href="#">KLRK1</a>
KLRG1 (Alias)	8q24.3	<a href="#">MAFA</a>
<a href="#">KLRK1</a>	12p13.2	KLRK1 (killer cell lectin-like receptor subfamily K, member 1)
<hr/>		
KMT1C (Alias)	6p21.33	<a href="#">EHMT2</a>
<a href="#">KMT2A</a>	11q23.3	KMT2A (myeloid/lymphoid or mixed lineage leukemia)
<hr/>		
KMT3C (Alias)	1q32.3	<a href="#">SMYD2</a>
KMT3E (Alias)	1q44	<a href="#">SMYD3</a>
KMT6A (Alias)	7q36.1	<a href="#">EZH2</a>
KMT6 (Alias)	7q36.1	<a href="#">EZH2</a>
KMT8 (Alias)	1p36.21	<a href="#">PRDM2</a>
KNL1 (Alias)	15q15.1	<a href="#">CASC5</a>
KPM (Alias)	13q12.11	<a href="#">LAT52</a>
<a href="#">KPNB1</a>	17q21.32	KPNB1 (karyopherin (importin) beta 1)
<hr/>		
<a href="#">KRAS</a>	12p12.1	KRAS (Kirsten rat sarcoma 2 viral oncogene homolog)
<a href="#">LIMK1</a>	7q11.23	LIMK1 (LIM domain kinase 1)
<hr/>		
LIMK (Alias)	7q11.23	<a href="#">LIMK1</a>
<a href="#">LIN00598</a>	13Q14	LIN00598 long intergenic non-protein coding RNA 598
<hr/>		
Lin28.2 (Alias)	6q16.3	<a href="#">LIN28B</a>
<a href="#">LIN28B</a>	6q16.3	LIN28B (lin-28 homolog B (C. elegans))
<hr/>		
LIR-D1 (Alias)	1q23.2	<a href="#">IGSF8</a>
LIV-1 (Alias)	18q12.2	<a href="#">SLC39A6</a>
L-JAK (Alias)	19p13.11	<a href="#">JAK3</a>
LJAK (Alias)	19p13.11	<a href="#">JAK3</a>
LKB1 (Alias)	19p13.3	<a href="#">STK11</a>
LKP (Alias)	1q25.3	<a href="#">DHX9</a>
L-Maf (Alias)	8q24.3	<a href="#">MAFA</a>
<a href="#">LMO1</a>	11p15.4	LMO1 (LIM domain only 1 (rhombotin 1))
<hr/>		
<a href="#">LMO2</a>	11p13	LMO2 (LIM domain only 2 (rhombotin-like 1))
LMO2 (LIM domain only 2) (Alias)	11p13	<a href="#">LMO2</a>
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LMS (Alias)	3q28	<a href="#">TP63</a>
LNIR (Alias)	1q23.3	<a href="#">PVRL4</a>
LOC11065 (Alias)	20q13.12	<a href="#">UBE2C</a>
LOC114 (Alias)	21q22.2	<a href="#">ETS2</a>
LOC6424 (Alias)	7p14.1	<a href="#">SFRP4</a>
LOC646982 (Alias)	13Q14	<a href="#">LIN00598</a>
LOC79870 (Alias)	8q22.3	<a href="#">BAALC</a>
LOG12 (Alias)	17p13.1	<a href="#">ALOX12</a>
LOG15 (Alias)	17p13.2	<a href="#">ALOX15</a>
LOG5 (Alias)	10q11.21	<a href="#">ALOX5</a>
LOT1 (Alias)	6q24.2	<a href="#">PLAGL1</a>
LOXC (mouse) (Alias)	10q24.2	<a href="#">LOXL4</a>
<a href="#">LOX</a>	5q23.1	LOX (lysyl oxidase)
<a href="#">LOXL2</a>	8p21.3	LOXL2 (lysyl oxidase-like 2)
<a href="#">LOXL3</a>	2p13.1	LOXL3 (lysyl oxidase-like 3)
<a href="#">LOXL4</a>	10q24.2	LOXL4 (lysyl oxidase-like 4)
LOXL (Alias)	2p13.1	<a href="#">LOXL3</a>
<a href="#">LOX</a>	5q23.1	LOX (lysyl oxidase)
LP6728 (Alias)	7q34	<a href="#">TRPV6</a>
LPA-1 (Alias)	9q31.3	<a href="#">LPAR1</a>
LPA1 (Alias)	9q31.3	<a href="#">LPAR1</a>
LPA-2 (Alias)	19p13.11	<a href="#">LPAR2</a>
LPA2 (Alias)	19p13.11	<a href="#">LPAR2</a>
<a href="#">LPAR1</a>	9q31.3	LPAR1 (lysophosphatidic acid receptor 1)
<a href="#">LPAR2</a>	19p13.11	LPAR2 (lysophosphatidic acid receptor 2)
LPC1 (Alias)	9q21.13	<a href="#">ANXA1</a>
LPGP1 (Alias)	11q14.1	<a href="#">THRSP</a>
Lpgp (Alias)	11q14.1	<a href="#">THRSP</a>
LPHH1 (Alias)	1p31.1	<a href="#">LPHN2</a>
<a href="#">LPHN2</a>	1p31.1	LPHN2 (latrophilin 2)
L-Plastine (Alias)	13q14.13	<a href="#">LCP1</a>
<a href="#">LPP</a>	3q28	LPP (lipoma preferred partner)
LPTP (Alias)	1q32.1	<a href="#">PTPN7</a>
LR3 (Alias)	11q13.2	<a href="#">LRP5</a>
LRF (Alias)	19p13.3	<a href="#">ZBTB7A</a>
<a href="#">LRIG1</a>	3p14.1	LRIG1 (leucine-rich repeats and immunoglobulin-like domains 1)
<a href="#">LRIG3</a>	12q14.1	LRIG3 (Leucine-Rich Repeats And Immunoglobulin-Like Domains 3)
LRP16 (Alias)	11q13.1	<a href="#">MACROD1</a>
<a href="#">LRP1B</a>	2q22.1	LRP1B (low density lipoprotein receptor-related protein 1B)

<a href="#">LRP5</a>	11q13.2	LRP5 (low density lipoprotein receptor-related protein 5)
LRP7 (Alias)	11q13.2	<a href="#">LRP5</a>
LRP (Alias)	20p13	<a href="#">PTPRA</a>
LRP-DIT (Alias)	2q22.1	<a href="#">LRP1B</a>
LRPDIT (Alias)	2q22.1	<a href="#">LRP1B</a>
LRP (lung resistance-related protein) (Alias)	16p11.2	<a href="#">MVP</a>
LSH (Alias)	10q23.33	<a href="#">HELLS</a>
LSH-R (Alias)	2p16.3	<a href="#">LHCGR</a>
LSIRF (Alias)	6p25.3	<a href="#">IRF4</a>
<a href="#">LTA</a>	6p21.33	LTA (Lymphotxin-A)
LTG19 (Alias)	19p13.3	<a href="#">MLLT1</a>
LTG9 (Alias)	9p21.3	<a href="#">MLLT3</a>
LTRPC1 (Alias)	15q13.3	<a href="#">TRPM1</a>
LTRPC6 (Alias)	2q37.1	<a href="#">TRPM8</a>
LUCA-15 (Alias)	3p21.31	<a href="#">RBM5</a>
LUCA-1 (Alias)	3p21.31	<a href="#">HYAL1</a>
LUCA1 (Alias)	3p21.31	<a href="#">HYAL1</a>
LUCA-1 (Alias)	3p21.31	<a href="#">SEMA3B</a>
LuCa-2 (Alias)	3p21.31	<a href="#">HYAL2</a>
LUCA2 (Alias)	3p21.31	<a href="#">HYAL2</a>
LUN (Alias)	9p21.1	<a href="#">TOPORS</a>
LY57 (Alias)	10q24.1	<a href="#">BLNK</a>
Ly74 (Alias)	2p21	<a href="#">EPCAM</a>
LY95 (Alias)	6p21.1	<a href="#">NCR2</a>
LYF1 (Alias)	7p12.2	<a href="#">IKZF1</a>
LyGPR (Alias)	7p22.3	<a href="#">GPER1</a>
LYK (Alias)	5q33.3	<a href="#">ITK</a>
<a href="#">LYL1</a>	19p13.2	LYL1 (lymphoblastic leukemia derived sequence 1)
<a href="#">LYPD3</a>	19q13.31	LYPD3 (LY6/PLAUR domain containing 3)
Lyt10 (Alias)	10q24.32	<a href="#">NFKB2</a>
LZ321 (Alias)	6p24.3	<a href="#">RREB1</a>
<a href="#">LZTS1</a>	8p21.3	LZTS1 (leucine zipper, putative tumor suppressor 1)
<a href="#">MAP2</a>	2q34	MAP2 (microtubule-associated protein 2)
<a href="#">MAP2K4</a>	17p12	MAP2K4 (mitogen-activated protein kinase kinase 4)
<a href="#">MAP2</a>	2q34	MAP2 (microtubule-associated protein 2)
<a href="#">MAP3K7</a>	6q15	MAP3K7 (mitogen-activated protein kinase kinase kinase 7)
MAP-4 (Alias)	3p21.31	<a href="#">MAP4</a>

<i>MAP4</i>	3p21.31	MAP4 (microtubule-associated protein 4)
<i>MAPE</i> (Alias)	22q11.22	<i>PRAME</i>
<i>MAPK10</i>	4q21.3	MAPK10 (mitogen-activated protein kinase 10)
<i>MAPK12</i>	22q13.33	MAPK12 (mitogen-activated protein kinase 12)
<i>MAPK13</i>	6p21.31	MAPK13 (mitogen-activated protein kinase 13)
<i>MAPK14</i>	6p21.31	MAPK14 (mitogen-activated protein kinase 14)
<i>MAPK</i> 1 (Alias)	16p11.2	<i>MAPK3</i>
<i>MAPK1</i>	22q11.21	MAPK1 (mitogen-activated protein kinase 1)
<i>MAPK2</i> (Alias)	22q11.21	<i>MAPK1</i>
<i>MAPK3</i>	16p11.2	MAPK3 (mitogen-activated protein kinase 3)
<i>MAPK4</i>	18q21.1	MAPK4 (mitogen-activated protein kinase 4)
<i>MAPK6</i>	15q21.2	MAPK6 (mitogen-activated protein kinase 6)
<i>MAPK7</i>	17p11.2	MAPK7 (mitogen-activated protein kinase 7)
<i>MAPK8</i>	10q11.22	MAPK8 (mitogen-activated protein kinase 8)
<i>MAPK9</i>	5q35.3	MAPK9 (mitogen-activated protein kinase 9)
<i>MDM2</i>	12q15	MDM2 (transformed mouse 3T3 cell double minute 2, p53 binding protein)
<i>MDR1</i> (multidrug resistance 1) (Alias)	7q21.12	<i>ABCB1</i>
<i>MDR-NF1</i> (Alias)	1p34.2	<i>YBX1</i>
<i>MDS2</i>	1p36.11	MDS2 (myelodysplastic syndrome 2 translocation associated)
<i>MDS</i> (Alias)	4q24	<i>TET2</i>
<i>MDU2</i> (Alias)	11p13	<i>CD44</i>
<i>MDU3</i> (Alias)	11p13	<i>CD44</i>
<i>ME5</i> (Alias)	4q35.2	<i>FAT1</i>
<i>MEC1</i> (Alias)	3q23	<i>ATR</i>
<i>MECIL</i> (Alias)	12p12.3	<i>GUCY2C</i>
<i>MECOM</i>	3q26.2	MECOM (Ecotropic Viral Integration Site 1 (EVI1) and Myelodysplastic Syndrome 1

		(MDS1-EVI1)
<i>MECT1</i> (Alias)	19p13.11	<i>CRTC1</i>
<i>MED1</i> (Alias)	3q21.3	<i>MBD4</i>
<i>MED28</i>	4p15.32	MED28 (mediator complex subunit 28)
<i>MEF2D</i>	1q22	MEF2D (myocyte enhancer factor 2D)
<i>MEF3L</i> (Alias)	7q21.3	<i>PEG10</i>
<i>MEF</i> (Alias)	Xq26.1	<i>ELF4</i>
<i>MEG-1</i> (Alias)	7p12.1	<i>GRB10</i>
<i>MEG3</i>	14q32.2	MEG3 (maternally expressed 3)
<i>MEGF5</i> (Alias)	5q34	<i>SLIT3</i>
<i>MEIS1</i>	2p14	MEIS1 (Meis homeobox 1)
<i>MEK4</i> (Alias)	17p12	<i>MAP2K4</i>
<i>MEL1</i> (MDS1/EVI1-like gene) (Alias)	1p36.32	<i>PRDM16</i>
<i>Melastatin-1</i> (Alias)	15q13.3	<i>TRPM1</i>
<i>MelG</i> (Alias)	19p13.2	<i>ELAVL1</i>
<i>MELK</i>	9p13.2	MELK (maternal embryonic leucine zipper kinase)
<i>Meltrin-alpha</i> (Alias)	10q26.2	<i>ADAM12</i>
<i>Meltrin-gamma</i> (Alias)	8p11.22	<i>ADAM9</i>
<i>MEM43</i> (Alias)	11p13	<i>CD59</i>
<i>MEN1</i>	11q13.1	MEN1 (multiple endocrine neoplasia 1)
<i>MENA</i> (Alias)	1q42.12	<i>ENAH</i>
<i>MEN</i> (myeloid eleven nineteen translocation: <-- WARNING: unrelated to and); <i>ELL-PEN</i> (Alias)	19p13.11	<i>ELL</i>
<i>MEP50</i> (Alias)	1p13.2	<i>WDR77</i>
<i>MEP</i> (Alias)	9q21.33	<i>CTSL</i>
<i>MER2</i> (Alias)	11p15.5	<i>CD151</i>
<i>MER</i> (Alias)	2q13	<i>MERTK</i>
<i>MerTK</i> (Alias)	2q13	<i>MERTK</i>
<i>MERTK</i>	2q13	MERTK (c-mer proto-oncogene tyrosine kinase)
<i>METAP2</i>	12q22	METAP2 (methionyl aminopeptidase 2)
<i>MINA</i>	3q11.2	MINA (MYC induced nuclear antigen)
<i>MINOR</i> (Alias)	9q22.33	<i>NR4A3</i>
<i>MIP1aR</i> (Alias)	3p21.31	<i>CCR1</i>
<i>MIR100</i>	11q24.1	MIR100 (microRNA 100)

<i>MIR106B</i>	7q22.1	MIR106B (microRNA 106b)
<i>MIR107</i>	10q23.31	MIR107 (MicroRNA 107)
<i>MIR10B</i> (Alias)	2q31.1	<i>MIR10B</i>
<i>MIR10B</i>	2q31.1	MIR10B (microRNA 10b)
<i>MIR122A</i> (Alias)	18q21.31	<i>MIR122</i>
<i>MIR122</i>	18q21.31	MIR122 (microRNA 122)
<i>MIR125A</i>	19q13.41	MIR125A (microRNA 125a)
<i>MIR125B1</i> (Alias)	11q24.1	<i>MIR125B1</i>
<i>MIR125B1</i>	11q24.1	MIR125B1 (microRNA 125b-1)
<i>MIR125B2</i> (Alias)	21q21.1	<i>MIR125B2</i>
<i>MIR125B2</i>	21q21.1	MIR125B2 (microRNA 125b-2)
<i>MIR126</i>	9q34.3	MIR126 (microRNA 126)
<i>MIR133B</i>	6p12.2	MIR133B (microRNA 133b)
<i>MIR135A1</i>	3p21.1	MIR135A1 (microRNA 135a-1)
<i>MIR141</i>	12p13.31	MIR141 (microRNA 141)
<i>MIR143</i>	5q32	MIR143 (MicroRNA 143)
<i>MIR145</i>	5q32	MIR145 (microRNA 145)
<i>MIR146B</i>	10q24.32	MIR146B (microRNA 146b)
<i>MIR183</i>	7q32.2	MIR183 (microRNA 183)
<i>MIR191</i>	3p21.31	MIR191 (microRNA 191)
<i>MIR196B</i>	7p15.2	MIR196B (microRNA 196b)
<i>MIR200C</i>	12p13.31	MIR200C (microRNA 200c)
<i>MIR211</i>	15q13.3	MIR211 (microRNA 211)
<i>MIR21</i>	17q23.1	MIR21 (microRNA 21)
<i>MIR221</i>	Xp11.3	MIR221 (microRNA 221)
<i>MIR222</i>	Xp11.3	MIR222 (microRNA 222)

<i>MIR22</i>	17p13.3	MIR22 (microRNA 22)
<i>MIR23A</i>	19p13.13	MIR23A (microRNA 23a)
<i>MIR26A1</i>	3p22.2	MIR26A1 (microRNA 26a-1)
<i>MIR26A</i> (Alias)	3p22.2	<i>MIR26A1</i>
<i>MIR27A</i>	19p13.13	MIR27A (microRNA 27a)
<i>MIR27</i> (Alias)	19p13.13	<i>MIR27A</i>
<i>MIR296</i>	20q13.32	MIR296 (microRNA 296)
<i>MIR30A</i>	6q13	MIR30A (microRNA 30a)
<i>MIR331</i>	12q22	MIR331 (microRNA 331)
<i>MIR373</i>	19q13.42	MIR373 (microRNA 373)
<i>MIR449A</i>	5q11.2	MIR449A (microRNA 449a)
<i>MIR7-1</i>	9q21.32	MIR7-1 (microRNA 7-1)
<i>MLFI</i>	3q25.32	MLF1 (myelodysplasia/myeloid leukemia factor 1)
<i>MLH1</i>	3p22.2	MLH1 (human mutL homolog 1)
MLL (myeloid/lymphoid or mixed lineage leukemia) (Alias)	11q23.3	<i>KMT2A</i>
<i>MLLT10</i>	10p12.31	MLLT10 (myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 10)
<i>MLLT11</i>	1q21.3	MLLT11 (ALL1 fused gene from chromosome 1q)
<i>MLLT1</i>	19p13.3	MLLT1 (myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 1)
<i>MNX1</i>	7q36.3	MNX1 (homeo box HB9)
<i>MO3</i> (Alias)	19q13.31	<i>PLAUR</i>
<i>MOAPI</i>	14q32.12	MOAP1 (Modulator Of Apoptosis 1)
<i>MTOR</i>	1p36.22	MTOR (FK506 binding protein 12-rapamycin associated protein 1)
<i>MTUS1</i>	8p22	MTUS1 (mitochondrial tumor suppressor 1)
Mtvr-1 (mammary tumor virus receptor 1, in mice) (Alias)	3q29	<i>TFRC</i>

MUC-13 (Alias)	3q21.2	<i>MUC13</i>
<i>MUC13</i>	3q21.2	MUC13 (mucin 13, cell surface associated)
<i>MUC16</i>	19p13.2	MUC16 (mucin 16, cell surface associated)
<i>MUC17</i>	7q22.1	MUC17 (mucin 17, cell surface associated)
MUC18 (Alias)	11q23.3	<i>MCAM</i>
MUC-2 (Alias)	11p15.5	<i>MUC2</i>
<i>MUC2</i>	11p15.5	MUC2 (mucin 2, oligomeric mucus/gel-forming)
MUC3 (Alias)	7q22.1	<i>MUC17</i>
<i>MUC4</i>	3q29	MUC4 (mucin 4, cell surface associated)
<i>MUC5AC</i>	11p15.5	MUC5AC (mucin 5AC, oligomeric mucus/gel-forming)
MUC5 (Alias)	11p15.5	<i>MUC5AC</i>
MUC-6 (Alias)	11p15.5	<i>MUC6</i>
<i>MUC6</i>	11p15.5	MUC6 (mucin 6, oligomeric mucus/gel-forming)
MUCIL (Alias)	12p12.3	<i>GUCY2C</i>
Mucin-16 (Alias)	19p13.2	<i>MUC16</i>
MUL (Alias)	17q22	<i>TRIM37</i>
MUM1 (Alias)	6p25.3	<i>IRF4</i>
MU-RMS-40.16A (Alias)	7q21.2	<i>AKAP9</i>
MUTCH-I (Alias)	11p13	<i>CD44</i>
<i>MUTYH</i>	1p34.1	MUTYH (mutY homolog (E. coli))
MutY homolog (hMYH) (Alias)	1p34.1	<i>MUTYH</i>
MVCD4 (Alias)	2q13	<i>IL1RN</i>
<i>MVP</i>	16p11.2	MVP (major vault protein)
<i>MXII</i>	10q25.2	MXI1 (MAX interactor 1)
Mxi2 (Alias)	6p21.31	<i>MAPK14</i>
MXR7 (Alias)	Xq26.2	<i>GPC3</i>
<i>MYBBPIA</i>	17p13.2	MYBBP1A (MYB binding protein (P160) 1a)
<i>MYB</i>	6q23.3	MYB (v-myb myeloblastosis viral oncogene homolog (avian))
<i>MYBL1</i>	8q13.1	MYBL1 (v-myb myeloblastosis viral oncogene homolog (avian)-like 1)
<i>MYBL2</i>	20q13.12	MYBL2 (v-myb myeloblastosis

		viral oncogene homolog (avian)-like 2
<i>MYB</i>	6q23.3	MYB (v-myb myeloblastosis viral oncogene homolog (avian))
<i>MYC</i>	8q24.21	MYC v-myc myelocytomatosis viral oncogene homolog (avian)
<i>MYCN</i>	2p24.3	MYCN (v-myc myelocytomatosis viral related oncogene, neuroblastoma derived (avian))
<i>MYC</i>	8q24.21	MYC v-myc myelocytomatosis viral oncogene homolog (avian)
<i>MYEOV</i>	11q13.3	MYEOV (myeloma overexpressed (in a subset of t (11;14) positive multiple myelomas))
<i>MYH11</i>	16p13.11	MYH11 (myosin heavy chain) (incomplete)
<i>MYH9</i>	22q12.3	MYH9 (myosin, heavy polypeptide 9, non-muscle)
<i>NME1</i>	17q21.33	NME1 (NME/NM23 nucleoside diphosphate kinase 1)
<i>NNMT</i>	11q23.2	NNMT (nicotinamide N-methyltransferase)
<i>NO38</i> (Alias)	5q35.1	<i>NPM1</i>
<i>NO52</i> (Alias)	3q11.2	<i>MINA</i>
N-Oct3 (Alias)	6q16.1	<i>POU3F2</i>
<i>NOEY2</i> (Alias)	1p31.3	<i>DIRAS3</i>
<i>NOGO-A</i> (Alias)	2p16.1	<i>RTN4</i>
<i>NOGO</i> (Alias)	2p16.1	<i>RTN4</i>
<i>NOL3</i>	16q22.1	NOL3 (nucleolar protein 3 (apoptosis repressor with CARD domain))
Nonmuscle myosin chain-A (NMHC-A) (Alias)	22q12.3	<i>MYH9</i>
<i>NONO</i>	Xq13.1	NONO (non-POU domain containing, octamer-binding)
<i>OLIG2</i>	21q22.11	OLIG2 (oligodendrocyte lineage transcription factor)
<i>OLM4</i> (Alias)	13q14.3	<i>OLFM4</i>
<i>OMI</i> (Alias)	2p13.1	<i>HTRA2</i>
Oncogene GLI (Alias)	12q13.3	<i>GLI1</i>
<i>OP18</i> (Alias)	1p36.11	<i>STMN1</i>
<i>OPCM</i> (Alias)	11q25	<i>OPCML</i>
<i>OPCML</i>	11q25	OPCML (opioid binding protein/cell adhesion molecule-like)
<i>OPG</i> (Alias)	8q24.12	<i>TNFRSF11B</i>
<i>OPHN1L</i> (Alias)	5q31.3	<i>ARHGAP26</i>
<i>OPN</i> (Alias)	4q22.1	<i>SPP1</i>

OPPG (Alias)	11q13.2	<a href="#">LRP5</a>
OPS (Alias)	11q13.2	<a href="#">LRP5</a>
OPTA1 (Alias)	11q13.2	<a href="#">LRP5</a>
<a href="#">ORA13</a>	16p11.2	ORA13 (ORAI calcium release-activated calcium modulator 3)
<a href="#">ORAOV1</a>	11q13.3	ORAOV1 (oral cancer overexpressed 1)
<a href="#">OTX2</a>	14q22.3	OTX2 (orthodenticle homeobox 2)
<a href="#">OX-2 (Alias)</a>	3q13.2	<a href="#">CD200</a>
<a href="#">OXTES1 (Alias)</a>	Xq28	<a href="#">PASD1</a>
<a href="#">OZF (Alias)</a>	19q13.12	<a href="#">ZNF146</a>
<a href="#">P110DELTA (Alias)</a>	1p36.22	<a href="#">PIK3CD</a>
<a href="#">P120CAS (Alias)</a>	11q12.1	<a href="#">CTNND1</a>
<a href="#">P120CTN (Alias)</a>	11q12.1	<a href="#">CTNND1</a>
<a href="#">P130 (Alias)</a>	16q12.2	<a href="#">RBL2</a>
<a href="#">P130Cas (Alias)</a>	16q23.1	<a href="#">BCAR1</a>
<a href="#">P14 (Alias)</a>	1q21.3	<a href="#">S100A9</a>
<a href="#">P15 (Alias)</a>	9p21.3	<a href="#">CDKN2B</a>
<a href="#">P160 (Alias)</a>	17p13.2	<a href="#">MYBBP1A</a>
<a href="#">P167 (Alias)</a>	10q26.11	<a href="#">EIF3A</a>
<a href="#">P19 (Alias)</a>	12q13.3	<a href="#">IL23A</a>
<a href="#">P1-CDC46 (Alias)</a>	22q12.3	<a href="#">MCM5</a>
<a href="#">P24 (Alias)</a>	12p13.31	<a href="#">CD9</a>
<a href="#">P270 (Alias)</a>	1p36.11	<a href="#">ARID1A</a>
<a href="#">P27KIP1 (Alias)</a>	12p13.1	<a href="#">CDKN1B</a>
<a href="#">P2RX7</a>	12q24.31	P2RX7 (purinergic receptor P2X, ligand-gated ion channel, 7)
<a href="#">PA2G4</a>	12q13.2	PA2G4 (proliferation-associated 2G4, 38kDa)
<a href="#">PCSK4</a>	19p13.3	PCSK4 (proprotein convertase subtilisin/kexin type 4)
<a href="#">PCSK5</a>	9q21.13	PCSK5 (Proprotein Convertase Subtilisin/Kexin Type 5)
<a href="#">PDCD4</a>	10q25.2	PDCD4 (Programmed Cell Death 4)
<a href="#">PDCD6</a>	5p15.33	PDCD6 (programmed cell death 6)
<a href="#">PHLDA1</a>	12q21.2	PHLDA1 (pleckstrin homology-like domain, family A, member 1)
<a href="#">PHL (Philadelphia) (Alias)</a>	22q11.23	<a href="#">BCR</a>
<a href="#">PHLPP1</a>	18q21.33	PHLPP1 (PH domain leucine-rich repeat protein phosphatase 1)
<a href="#">PHLPP2</a>	16q22.2	PHLPP2 (PH domain leucine-rich repeat protein phosphatase 2)
<a href="#">PHLPP (Alias)</a>	18q21.33	<a href="#">PHLPP1</a>
<a href="#">PHLPP1 (Alias)</a>	16q22.2	<a href="#">PHLPP2</a>
<a href="#">PHM27 (Alias)</a>	6q25.2	<a href="#">VIP</a>

<a href="#">PHOX2B</a>	4p13	PHOX2B (paired-like homeobox 2b)
<a href="#">PHP1A (Alias)</a>	20q13.32	<a href="#">GNAS</a>
<a href="#">PHP1B (Alias)</a>	20q13.32	<a href="#">GNAS</a>
<a href="#">PHP1C (Alias)</a>	20q13.32	<a href="#">GNAS</a>
<a href="#">PHRIP (Alias)</a>	12q21.2	<a href="#">PHLDA1</a>
<a href="#">PHS-2 (Alias)</a>	1q31.1	<a href="#">PTGS2</a>
<a href="#">PI3K (Alias)</a>	3q26.32	<a href="#">PIK3CA</a>
<a href="#">PI3K (Alias)</a>	1p36.22	<a href="#">PIK3CD</a>
<a href="#">PIAS1</a>	15q23	PIAS1 (protein inhibitor of activated STAT, 1)
<a href="#">PIAS3</a>	1q21.1	PIAS3 (protein inhibitor of activated STAT, 3)
<a href="#">PICALM</a>	11q14.2	PICALM (clathrin assembly lymphoid myeloid leukemia gene)
<a href="#">PICT-1 (Alias)</a>	19q13.33	<a href="#">GLTSCR2</a>
<a href="#">PICT1 (Alias)</a>	19q13.33	<a href="#">GLTSCR2</a>
<a href="#">PIDX (Alias)</a>	Xp11.23	<a href="#">FOXP3</a>
<a href="#">PIG10 (Alias)</a>	5q13.3	<a href="#">ENC1</a>
PIG21 (proliferation-inducing gene 21) (Alias)	5q35.3	<a href="#">GNB2L1</a>
<a href="#">PIG29 (Alias)</a>	12p13.33	<a href="#">FOXM1</a>
<a href="#">PIG8 (Alias)</a>	11q21	<a href="#">CEP57</a>
<a href="#">PIGPC1 (Alias)</a>	6q23.3	<a href="#">PERP</a>
<a href="#">PIK3CA</a>	3q26.32	PIK3CA (phosphoinositide-3-kinase, catalytic, alpha polypeptide)
<a href="#">PIK3CD</a>	1p36.22	PIK3CD (phosphoinositide-3-kinase, catalytic, delta polypeptide)
<a href="#">PIK3R1</a>	5q13.1	PIK3R1 (phosphoinositide-3-kinase, regulatory subunit 1 (alpha))
<a href="#">PIM1</a>	6p21.2	PIM1 (pim-1 oncogene)
<a href="#">PIWIL1</a>	12q24.33	PIWIL1 (piwi-like RNA-mediated gene silencing 1)
<a href="#">PIWIL1L (Alias)</a>	8p21.3	<a href="#">PIWIL2</a>
<a href="#">PIWIL2</a>	8p21.3	PIWIL2 (piwi-like RNA-mediated gene silencing 2)
PJS (Peutz-Jeghers syndrome) (Alias)	19p13.3	<a href="#">STK11</a>
<a href="#">PK2 (Alias)</a>	15q23	<a href="#">PKM</a>
<a href="#">PK3 (Alias)</a>	15q23	<a href="#">PKM</a>
<a href="#">PKB (Alias)</a>	14q32.33	<a href="#">AKT1</a>
<a href="#">PKB-ALPHA (Alias)</a>	14q32.33	<a href="#">AKT1</a>
PKBBETA (PKB beta) (Alias)	19q13.2	<a href="#">AKT2</a>

PKBB (protein kinase B, beta) (Alias)	19q13.2	<a href="#">AKT2</a>
PKBG (Alias)	1q43	<a href="#">AKT3</a>
PKCdelta (Alias)	3p21.1	<a href="#">PRKCD</a>
PKCI (Alias)	3q26.2	<a href="#">PRKCI</a>
PKCmu (Alias)	14q12	<a href="#">PRKD1</a>
PKCSL (Alias)	6q21	<a href="#">MARCKS</a>
<a href="#">PKD1</a>	16p13.3	PKD1 (polycystic kidney disease 1 (autosomal dominant))
PKD1 (Protein Kinase D1) (Alias)	14q12	<a href="#">PRKD1</a>
PKM2 (Alias)	15q23	<a href="#">PKM</a>
PKM (Alias)	15q23	<a href="#">PKM</a>
<a href="#">PKM</a>	15q23	PKM (pyruvate kinase isoenzyme type M2)
<a href="#">POLH</a>	6p21.1	POLH (polymerase (DNA direct), eta)
Pontin52 (Alias)	3q21.3	<a href="#">RUVBL1</a>
PONTIN (Alias)	3q21.3	<a href="#">RUVBL1</a>
PORIN (Alias)	5q31.1	<a href="#">VDAC1</a>
Posphoinositide-3-kinase enhancers (PIKE)-A (Alias)	12q14.1	<a href="#">AGAP2</a>
POU1F1a (Alias)	3p11.2	<a href="#">POU1F1</a>
<a href="#">POU1F1</a>	3p11.2	POU1F1 (POU class 1 homeobox 1)
<a href="#">POU2AF1</a>	11q23.1	POU2AF1 (POU domain, class 2, associating factor 1)
<a href="#">POU3F2</a>	6q16.1	POU3F2 (POU class 3 homeobox 2)
<a href="#">POU4F1</a>	13q31.1	POU4F1 (POU class 4 homeobox 1)
<a href="#">POU6F2</a>	7p14.1	POU6F2 (POU domain, class 6, transcription factor 2)
<a href="#">PSAP</a>	10q22.1	PSAP (Prosaposin (variant Gaucher disease and variant metachromatic leukodystrophy))
<a href="#">PSCA</a>	8q24.3	PSCA (Prostate stem cell antigen)
PSCP (Alias)	17q21.31	<a href="#">BRCA1</a>
PSCTK1 (Alias)	Xq22.1	<a href="#">BTK</a>
PSCTK2 (Alias)	5q33.3	<a href="#">ITK</a>
<a href="#">PSEN2</a>	1q42.13	PSEN2 (presenilin 2 (Alzheimer disease 4))
PSF (PTB-associated splicing factor) (Alias)	1p34.3	<a href="#">SFPQ</a>
<a href="#">PSIP1</a>	9p22.3	PSIP1 (PC4 and SFRS1 interacting protein 1)

PSK-J3 (Alias)	12q14.1	<a href="#">CDK4</a>
PSOR1 (Alias)	1q21.3	<a href="#">S100A7</a>
PSR1 (Alias)	3p22.2	<a href="#">CTDSPL</a>
PSTS (Alias)	19q13.41	<a href="#">KLK4</a>
PTB-1 (Alias)	19p13.3	<a href="#">PTBP1</a>
PTB2 (Alias)	19p13.3	<a href="#">PTBP1</a>
PTB3 (Alias)	19p13.3	<a href="#">PTBP1</a>
PTB4 (Alias)	19p13.3	<a href="#">PTBP1</a>
PTB (Alias)	19p13.3	<a href="#">PTBP1</a>
<a href="#">PTBP1</a>	19p13.3	PTBP1 (poly(pyrimidine tract binding protein 1))
PTB-T (Alias)	19p13.3	<a href="#">PTBP1</a>
PTC2 (Alias)	1p34.1	<a href="#">PTCH2</a>
PTC3 (Alias)	10q11.23	<a href="#">NCOA4</a>
PTC6 (Alias)	7q33	<a href="#">TRIM24</a>
PTC, but this term was confusing with (Alias)	9q22.32	<a href="#">PTCH1</a>
<a href="#">PTCH1</a>	9q22.32	PTCH1 patched homolog 1 (Drosophila)
<a href="#">PTCH2</a>	1p34.1	PTCH2 (patched homolog 2 (Drosophila))
PTCH (Alias)	9q22.32	<a href="#">PTCH1</a>
<a href="#">PTEN</a>	10q23.31	PTEN (Phosphatase and Tensin homolog deleted on chromosome Ten)
Ptg-10 (Alias)	6p21.31	<a href="#">FKBPS</a>
PTGFB (Alias)	19p13.11	<a href="#">GDF15</a>
PTGF-β (Alias)	19p13.11	<a href="#">GDF15</a>
PTGI (Alias)	20q13.13	<a href="#">PTGIS</a>
<a href="#">PTGIS</a>	20q13.13	PTGIS (prostaglandin I2 (prostacyclin) synthase)
<a href="#">PTGS2</a>	1q31.1	PTGS2 (prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase))
<a href="#">PTHLH</a>	12p11.22	PTHLH (parathyroid hormone-like hormone)
PTHR (Alias)	12p11.22	<a href="#">PTHLH</a>
PTHRP (Alias)	12p11.22	<a href="#">PTHLH</a>
PTI1 (Alias)	6q13	<a href="#">EEF1A1</a>
<a href="#">PTK2</a>	8q24.3	PTK2 (PTK2 protein tyrosine kinase 2)
PTK3A (Alias)	6p21.33	<a href="#">DDR1</a>
PTK3 (Alias)	6p21.33	<a href="#">DDR1</a>
<a href="#">PTK6</a>	20q13.33	PTK6 (protein tyrosine kinase 6)

<a href="#">PTK7</a>	6p21.1	PTK7 (PTK7 protein tyrosine kinase 7)
<a href="#">PTMA</a>	2q37.1	PTMA (prothymosin, alpha)
<a href="#">PTN</a>	7q33	PTN (pleiotrophin)
<a href="#">PTPN11</a>	12q24.13	PTPN11 (Protein tyrosine phosphatase, non-receptor type, 11)
<a href="#">PTPN13</a>	4q21.3	PTPN13 (Protein tyrosine phosphatase, non-receptor type 13)
<a href="#">PTPN14</a>	1q41	PTPN14 (protein tyrosine phosphatase, non-receptor type 14)
<a href="#">PTPN1</a>	20q13.13	PTPN1 (protein tyrosine phosphatase, non-receptor type 1)
<a href="#">PTPN21</a>	14q31.3	PTPN21 (protein tyrosine phosphatase, non-receptor type 21)
<a href="#">PTPN6</a>		PTPN6 (protein tyrosine phosphatase, non-receptor type 6)
<a href="#">PTPN7</a>	1q32.1	PTPN7 (protein tyrosine phosphatase, non-receptor type 7)
PTPNI (Alias)	1q32.1	<a href="#">PTPN7</a>
<a href="#">PTPRA</a>	20p13	PTPRA (protein tyrosine phosphatase, receptor type, A)
<a href="#">PTPRD</a>	9p24.1	PTPRD (protein tyrosine phosphatase, receptor type, D)
<a href="#">PTPRG</a>	3p14.2	PTPRG (protein tyrosine phosphatase, receptor type, G)
<a href="#">PTPRJ</a>	11p11.2	PTPRJ (protein tyrosine phosphatase, receptor type, J)
<a href="#">RAP1GAP</a>	1p36.12	RAP1GAP (RAP1 GTPase activating protein)
RAP1GAPII (Alias)	1p36.12	<a href="#">RAP1GAP</a>
<a href="#">RAP1GDS1</a>	4q23	RAP1GDS1 (RAP1, GTP-GDP dissociation stimulator 1)
<a href="#">RAP2A</a>	13q32.1	RAP2A (RAP2A, member of RAS oncogene family)
<a href="#">RAP2B</a>	3q25.2	RAP2B (RAP2B, member of RAS oncogene family)
RAP46 (Alias)	9p13.3	<a href="#">BAG1</a>
RAPGAP (Alias)	1p36.12	<a href="#">RAP1GAP</a>
<a href="#">RAPGEF1</a>	9q34.13	RAPGEF1 (Rap guanine nucleotide exchange factor (GEF) 1)

RAPH (Alias)	11p15.5	<a href="#">CD151</a>
RAPL (Alias)	1q32.1	<a href="#">RASSF5</a>
RAP1 (Alias)	1p36.22	<a href="#">MTOR</a>
<a href="#">RARA</a>	17q21.2	RARA (Retinoic acid receptor, alpha)
RARHOGAP (Alias)	11q23.1	<a href="#">ARHGAP20</a>
<a href="#">RARRES1</a>	3q25.32	RARRES1 (retinoic acid receptor responder (tazarotene induced) 1)
<a href="#">RARRES3</a>	11q12.3	RARRES3 (retinoic acid receptor responder (tazarotene induced) 3)
RASFADIN (Alias)	20p13	<a href="#">RASSF2</a>
<a href="#">RASGRF1</a>	15q25.1	RASGRF1 (Ras protein-specific guanine nucleotide-releasing factor 1)
RASI-1 (Alias)	12q13.2	<a href="#">MMP19</a>
<a href="#">RASL11B</a>	4q12	RASL11B (RAS-like, family 11, member B)
<a href="#">RASSF1</a>	3p21.31	RASSF1 (Ras association (RalGDS/AF-6) domain family member)
<a href="#">RASSF2</a>	20p13	RASSF2 (Ras association (RalGDS/AF-6) domain family member 2)
RASSF3 (Alias)	1q32.1	<a href="#">RASSF5</a>
<a href="#">RASSF5</a>	1q32.1	RASSF5 (Ras association (RalGDS/AF-6) domain family member 5)
<a href="#">RASSF6</a>	4q13.3	RASSF6 (Ras association (RalGDS/AF-6) domain family member 6)
<a href="#">RB1</a>	13q14.2	RB1 (retinoblastoma)
Rb2 (Alias)	16q12.2	<a href="#">RBL2</a>
RBAP-1 (Alias)	20q11.22	<a href="#">E2F1</a>
RBAP1 (Alias)	20q11.22	<a href="#">E2F1</a>
RbAp46 (Alias)	Xp22.2	<a href="#">RBBP7</a>
RBAP46 (Alias)	Xp22.2	<a href="#">RBBP7</a>
RBBP2 (Alias)	12p13.33	<a href="#">KDM5A</a>
RBBP-3 (Alias)	20q11.22	<a href="#">E2F1</a>
RBBP3 (Alias)	20q11.22	<a href="#">E2F1</a>
RBBP-7 (Alias)	Xp22.2	<a href="#">RBBP7</a>
<a href="#">RBBP7</a>	Xp22.2	RBBP7 (retinoblastoma binding protein 7)
<a href="#">RBBP8</a>	18q11.2	RBBP8 (retinoblastoma binding

		protein 8)
<a href="#">RBL2</a>	16q12.2	RBL2 (retinoblastoma-like 2)
<a href="#">RBM15</a>	1p13.3	RBM15 (RNA binding motif protein 15)
<a href="#">RBM5</a>	3p21.31	RBM5 (RNA binding motif protein 5)
<a href="#">RLN2</a>	9p24.1	RLN2 (relaxin 2)
RLXH2 (Alias)	9p24.1	<a href="#">RLN2</a>
<a href="#">RMRP</a>	9p13.3	RMRP (RNA component of mitochondrial RNA processing endoribonuclease)
RMRPR (Alias)	9p13.3	<a href="#">RMRP</a>
RNASE4 (Alias)	14q11.2	<a href="#">ANG</a>
RNASE5 (Alias)	14q11.2	<a href="#">ANG</a>
RNASE6PL (Alias)	6q27	<a href="#">RNASET2</a>
<a href="#">RNASET2</a>	6q27	RNASET2 (ribonuclease T2)
<a href="#">RND3</a>	2q23.3	RND3 (Rho family GTPase 3)
<a href="#">RNF11</a>	1p32.3	RNF11 (ring finger protein 11)
<a href="#">RNF139</a>	8q24.13	RNF139 (translocation in renal carcinoma, chromosome 8 gene)
RNF199 (Alias)	4q21.1	<a href="#">RCHY1</a>
<a href="#">RNF213</a>	17q25.3	RNF213 (lymphoma oligomerization partner on chromosome 17)
<a href="#">RUNX1</a>	21q22.12	RUNX1 (runt-related transcription factor 1 (acute myeloid leukemia 1; aml1 oncogene))
<a href="#">RUNX1T1</a>	8q21.3	RUNX1T1 (runt-related transcription factor 1; translocated to, 1 (cyclin D-related))
<a href="#">RUNX2</a>	6p21.1	RUNX2 (Runt-related transcription factor 2)
<a href="#">SATB1</a>	3p24.3	SATB1 (SATB homeobox 1)
<a href="#">SAV1</a>	14q22.1	SAV1 (Salvador homolog 1 (Drosophila))
SAX3 (Alias)	3p12.3	<a href="#">ROBO1</a>
SBMA (Alias)	Xq12	<a href="#">AR</a>
SBP (Alias)	17p13.1	<a href="#">SHBG</a>
SBS (Alias)	16q12.1	<a href="#">CYLD</a>
<a href="#">SCAF1</a>	19q13.33	SCAF1 (SR-related CTD-associated factor 1)

SCAF (Alias)	19q13.33	<a href="#">SCAF1</a>
SCAR13 (Alias)	6q24.3	<a href="#">GRM1</a>
SCC1 (Alias)	11p11.2	<a href="#">PTPRJ</a>
SCC3B (Alias)	Xq25	<a href="#">STAG2</a>
SCCA-1 (Alias)	18q21.33	<a href="#">SERPINB3</a>
SCCA1 (Alias)	18q21.33	<a href="#">SERPINB3</a>
SCC (Alias)	18q21.33	<a href="#">SERPINB3</a>
SCCA-PD (Alias)	18q21.33	<a href="#">SERPINB3</a>
SCCE (Alias)	19q13.41	<a href="#">KLK7</a>
SCF (Alias)	12q21.32	<a href="#">KITLG</a>
SCFR (Stem Cell Factor Receptor) (Alias)	4q12	<a href="#">KIT</a>
SCH (Alias)	22q12.2	<a href="#">NF2</a>
SCKL1 (Alias)	3q23	<a href="#">ATR</a>
SCKL (Alias)	3q23	<a href="#">ATR</a>
SCL (stem cell leukaemia), TCL5 (T cell leukaemia 5) (Alias)	1p33	<a href="#">TAL1</a>
SCN2 (Alias)	1p22.1	<a href="#">GFI1</a>
SCNX (Alias)	Xp11.23	<a href="#">WAS</a>
SCOP (Alias)	18q21.33	<a href="#">PHLPP1</a>
SCP3 (Alias)	3p22.2	<a href="#">CTDSPL</a>
SCRA1 (Alias)	7q36.3	<a href="#">MNX1</a>
Scraps (Alias)	7p14.2	<a href="#">ANLN</a>
SCS (Alias)	7p21.1	<a href="#">TWIST1</a>
SCTE (Alias)	19q13.41	<a href="#">KLK5</a>
SCURFIN (Alias)	Xp11.23	<a href="#">FOXP3</a>
SCYAR1 (Alias)	3p21.31	<a href="#">CCR1</a>
SCYB10 (Alias)	4q21.1	<a href="#">CXCL10</a>
SCYB4 (Alias)	4q13.3	<a href="#">PF4</a>
SCYB4V1 (Alias)	4q13.3	<a href="#">PF4V1</a>
SCYB5 (Alias)	4q13.3	<a href="#">CXCL5</a>
SCYD1 (Alias)	16q21	<a href="#">CX3CL1</a>
SDBCAG84 (Alias)	20q11.22	<a href="#">ERGIC3</a>
<a href="#">SDC1</a>	2p24.1	SDC1 (syndecan 1)
SDC (Alias)	2p24.1	<a href="#">SDC1</a>
<a href="#">SDCBP</a>	8q12.1	SDCBP (syndecan binding protein (syntenin))
SDCCAG43 (Alias)	9q22.31	<a href="#">WNK2</a>
SDF-5 (Alias)	4q31.3	<a href="#">SFRP2</a>
SDGF (Alias)	4q13.3	<a href="#">AREG</a>
SDH1 (succinate dehydrogenase 1) (Alias)	1p36.13	<a href="#">SDHB</a>
SDH3 (succinate dehydrogenase 3) (Alias)	1q23.3	<a href="#">SDHC</a>
SDH4 (succinate dehydrogenase 4) (Alias)	11q23.1	<a href="#">SDHD</a>
<a href="#">SDHB</a>	1p36.13	SDHB (succinate dehydrogenase complex II, subunit B, iron-sulfur protein or IP)

<a href="#">SDHC</a>	1q23.3	SDHC (succinate dehydrogenase complex II, subunit C, integral membrane protein)
<a href="#">SDHD</a>	11q23.1	SDHD (succinate dehydrogenase complex II, subunit D, integral membrane protein)
<a href="#">SH3GL1</a>	19p13.3	SH3GL1 (extra eleven nineteen leukemia fusion gene)
<a href="#">SH3GL2</a>	9p22.2	SH3GL2 (SH3-domain GRB2-like 2)
<a href="#">SMAD2</a>	18q21.1	SMAD2 (mothers against decapentaplegic homolog 2 (Drosophila))
<a href="#">SMAD4</a>	18q21.2	SMAD4 (mothers against decapentaplegic homolog 4 (Drosophila))
SMAP-1 (Alias)	6q13	<a href="#">SMAP1</a>
<a href="#">SMAP1</a>	6q13	SMAP1 (stromal membrane-associated protein 1)
SMAP-3 (Alias)	12q24.31	<a href="#">DENR</a>
SMAP45 (Alias)	5q31.3	<a href="#">HDAC3</a>
SMARCA3 (Alias)	3q24	<a href="#">HLTF</a>
<a href="#">SMARCA4</a>	19p13.2	SMARCA4 (SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4)
SMARCA6 (Alias)	10q23.33	<a href="#">HELLS</a>
<a href="#">SMARCB1</a>	22q11.23	SMARCB1 (SWI/SNF related, matrix associated, actin dependent regulator of chromatin B1)
SMARCF1 (Alias)	1p36.11	<a href="#">ARID1A</a>
SMAX1 (Alias)	Xq12	<a href="#">AR</a>
SMCC (Alias)	11q23.3	<a href="#">TAGLN</a>
SMCP-2 (Alias)	16q21	<a href="#">MMP15</a>
SMCT1 (Alias)	12q23.1	<a href="#">SLC5A8</a>
SMCT (Alias)	12q23.1	<a href="#">SLC5A8</a>
SMN (Alias)	1p36.11	<a href="#">STMN1</a>
SMTPHN (Alias)	11q13.2	<a href="#">AIP</a>
SMUC (Alias)	11p15.5	<a href="#">MUC2</a>
<a href="#">SMYD2</a>	1q32.3	SMYD2 (SET and MYND domain containing 2)
<a href="#">SMYD3</a>	1q44	SMYD3 (SET and MYND domain containing 3)
SNA (Alias)	20q13.13	<a href="#">SNAI1</a>
SNAH (Alias)	20q13.13	<a href="#">SNAI1</a>
<a href="#">SNAI1</a>	20q13.13	SNAI1 (snail homolog 1 (Drosophila))

<a href="#">SNAI2</a>	8q11.21	SNAI2 (SNAIL HOMOLOG 2)
SNAPA (Alias)	19q13.32	<a href="#">NAPA</a>
<a href="#">SNCG</a>	10q23.2	SNCG (synuclein, gamma (breast cancer-specific protein 1))
SNF2B (Alias)	19p13.2	<a href="#">SMARCA4</a>
SNF2-beta (Alias)	19p13.2	<a href="#">SMARCA4</a>
SNF2L3 (Alias)	3q24	<a href="#">HLTF</a>
SNF2L4 (Alias)	19p13.2	<a href="#">SMARCA4</a>
SNF2LB (Alias)	19p13.2	<a href="#">SMARCA4</a>
SNF5L1 (Alias)	22q11.23	<a href="#">SMARCB1</a>
SNHG2 (Alias)	1q25.1	<a href="#">GAS5</a>
SNL (Alias)	7p22.1	<a href="#">FSCN1</a>
<a href="#">SOCS1</a>	16p13.13	SOCS1 (Suppressor of cytokine signaling 1)
<a href="#">SOCS2</a>	12q22	SOCS2 (suppressor of cytokine signaling 2)
SOCS-2, suppressor of cytokine signaling 2 (Alias)	12q22	<a href="#">SOCS2</a>
SOCS-3 (Alias)	17q25.3	<a href="#">SOCS3</a>
<a href="#">SOCS3</a>	17q25.3	SOCS3 (suppressor of cytokine signaling 3)
SOCS-4 (Alias)	18q22.2	<a href="#">SOCS6</a>
SOCS4 (Alias)	18q22.2	<a href="#">SOCS6</a>
SOCS-6 (Alias)	18q22.2	<a href="#">SOCS6</a>
<a href="#">SOCS6</a>	18q22.2	SOCS6 (Suppressor Of Cytokine Signaling 6)
<a href="#">SORBS2</a>	4q35.1	SORBS2 (sorbin and SH3 domain containing 2)
<a href="#">SOX10</a>	22q13.1	SOX10 (SRY (sex determining region Y)-box 10)
<a href="#">SOX11</a>	2p25.2	SOX11 (SRY (sex determining region Y)-box 11)
<a href="#">SOX2</a>	3q26.33	SOX2 (SRY (sex determining region Y)-box 2)
<a href="#">SOX4</a>	6p22.3	SOX4 (SRY (sex determining region Y)-box 4)
SP17-1 (Alias)	11q24.2	<a href="#">SPA17</a>
SP17 (Alias)	11q24.2	<a href="#">SPA17</a>
SP-40 (Alias)	8p21.1	<a href="#">CLU</a>
<a href="#">SPA17</a>	11q24.2	SPA17 (sperm autoantigenic protein 17)
SPA1 (Alias)	11q13.1	<a href="#">SIPA1</a>
SPAG15 (Alias)	7q31.32	<a href="#">SPAM1</a>

<a href="#">SPAM1</a>	7q31.32	SPAM1 (sperm adhesion molecule 1 (PH-20 hyaluronidase, zona pellucida binding))
SPAP (Alias)	1p33	<a href="#">PDZK1IP1</a>
SPC1 (Alias)	15q26.1	<a href="#">FURIN</a>
SPC5 (Alias)	19p13.3	<a href="#">PCSK4</a>
SPC6 (Alias)	9q21.13	<a href="#">PCSK5</a>
<a href="#">SPECC1</a>	17p11.2	SPECC1 (sperm antigen HCMOGT-1)
SPG13 (Alias)	2q33.1	<a href="#">HSPD1</a>
SPG1 (Alias)	Xq28	<a href="#">L1CAM</a>
SPG5A (Alias)	8q12.3	<a href="#">CYP7B1</a>
SPGF8 (Alias)	9q33.3	<a href="#">NR5A1</a>
SPI-1 (Alias)	11p11.2	<a href="#">SPI1</a>
<a href="#">SPI1</a>	11p11.2	SPI1 (spleen focus forming virus (SFFV) proviral integration oncogene spi1)
<a href="#">SPINK7</a>	5q32	SPINK7 (serine peptidase inhibitor, Kazal type 7 (putative))
SPINO (Alias)	17q21.33	<a href="#">PPP1R9B</a>
<a href="#">SPINT1</a>	15q15.1	SPINT1 (serine peptidase inhibitor, Kunitz type 1)
Spn (Alias)	17q21.33	<a href="#">PPP1R9B</a>
SPOT14 (Alias)	11q14.1	<a href="#">THRSP</a>
SPP-1 (Alias)	4q22.1	<a href="#">SPP1</a>
<a href="#">SPP1</a>	4q22.1	SPP1 (secreted phosphoprotein 1)
<a href="#">SPRY1</a>	4q28.1	SPRY1 (Sprouty Homolog 1, Antagonist Of FGF Signaling (Drosophila))
SP (Spasmolytic Polypeptide) (Alias)	21q22.3	<a href="#">TFF2</a>
SR-A1 (Alias)	19q13.33	<a href="#">SCAF1</a>
SRA1 (Alias)	19q13.33	<a href="#">SCAF1</a>
SRC1 (Alias)	20q11.23	<a href="#">SRC</a>
SRC3 (steroid receptor coactivator protein 3) (Alias)	20q13.12	<a href="#">NCOA3</a>
<a href="#">SRC</a>	20q11.23	SRC (v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian))
<a href="#">SRD5A2</a>	2p23.1	SRD5A2 (steroid-5-alpha-reductase, alpha polypeptide 2 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 2))
SRG (Alias)	1p36.22	<a href="#">CASZ1</a>
SRP20 (Alias)	6p21.31	<a href="#">SRSF3</a>
SRP27 (Alias)	7q11.23	<a href="#">HSPB1</a>
SRP30a (Alias)	17q22	<a href="#">SRSF1</a>

<a href="#">SRSF1</a>	17q22	SRSF1 (serine/arginine-rich splicing factor 1)
<a href="#">SRSF3</a>	6p21.31	SRSF3 (serine/arginine-rich splicing factor 3)
SRX1 (Alias)	20p13	<a href="#">SRXN1</a>
<a href="#">SRXN1</a>	20p13	SRXN1 (sulfiredoxin 1)
SRXY2 (Alias)	Xp21.2	<a href="#">NR0B1</a>
SRXY3 (Alias)	9q33.3	<a href="#">NR5A1</a>
<a href="#">SS18</a>	18q11.2	SS18 (synovial sarcoma translocation, chromosome 18)
<a href="#">SS18L1</a>	20q13.33	SS18L1 (synovial sarcoma translocation gene on chromosome 18-like 1)
<a href="#">SS18</a>	18q11.2	SS18 (synovial sarcoma translocation, chromosome 18)
SSeCKS (Alias)	6q25.1	<a href="#">AKAP12</a>
SSH3BP1 (Alias)	10p12.1	<a href="#">ABI1</a>
SSI-1 (Alias)	16p13.13	<a href="#">SOCS1</a>
SSI1 (STAT-induced STAT inhibitor) (Alias)	16p13.13	<a href="#">SOCS1</a>
SSI2 (Alias)	12q22	<a href="#">SOCS2</a>
SSI-2, suppressor of cytokine signaling-2 (Alias)	12q22	<a href="#">SOCS2</a>
SSI-3 (Alias)	17q25.3	<a href="#">SOCS3</a>
SSI3 (Alias)	17q25.3	<a href="#">SOCS3</a>
SSI4 (Alias)	18q22.2	<a href="#">SOCS6</a>
SSK1 (Alias)	15q15.1	<a href="#">BUB1B</a>
SSX2A (Alias)	Xp11.22	<a href="#">SSX2</a>
SSX2B (Alias)	Xp11.22	<a href="#">SSX2</a>
<a href="#">SSX2</a>	Xp11.22	SSX2 (synovial sarcoma, X breakpoint 2)
<a href="#">SSX2IP</a>	1p22.3	SSX2IP (synovial sarcoma, X breakpoint 2 interacting protein)
<a href="#">SSX2</a>	Xp11.22	SSX2 (synovial sarcoma, X breakpoint 2)
SSX (Alias)	Xp11.22	<a href="#">SSX2</a>
SSXT (Alias)	18q11.2	<a href="#">SS18</a>
ST12 (Alias)	10p15.1	<a href="#">KLF6</a>
ST1 (Alias)	8q12.1	<a href="#">SDCBP</a>
ST3 (stromelysin-3) (Alias)	22q11.23	<a href="#">MMP11</a>
ST6 (Alias)	11p11.2	<a href="#">CD82</a>
<a href="#">ST6GALNAC1</a>	17q25.1	ST6GALNAC1 (ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 1)
ST6GalNAc1 (Alias)	17q25.1	<a href="#">ST6GALNAC1</a>
<a href="#">STAG2</a>	Xq25	STAG2 (Stromal Antigen 2)
STAI4 (Alias)	18q22.2	<a href="#">SOCS6</a>

STAMP1 (Alias)	7q21.13	<a href="#">STEAP2</a>
STAR (Alias)	12p12.3	<a href="#">GUCY2C</a>
STARD12 (Alias)	8p22	<a href="#">DLC1</a>
<a href="#">STARD13</a>	13q13.1	STARD13 (StAR-related lipid transfer (START) domain containing 13)
<a href="#">STARD3</a>	17q12	STARD3 (START domain containing 3)
<a href="#">STAT3</a>	17q21.2	STAT3 (Signal Transducer and Activator of Transcription 3)
STAT5 (Alias)	17q21.2	<a href="#">STAT5B</a>
<a href="#">STAT5B</a>	17q21.2	STAT5B (signal transducer and activator of transcription 5B)
STAT12 (Alias)	12q22	<a href="#">SOCS2</a>
STAT14 (Alias)	18q22.2	<a href="#">SOCS6</a>
<a href="#">STEAP1</a>	7q21.13	STEAP1 (Six Transmembrane Epithelial Antigen of the Prostate 1)
<a href="#">STEAP2</a>	7q21.13	STEAP2 (six transmembrane epithelial antigen of the prostate 2)
<a href="#">USB1</a>	16q21	USB1 (U6 snRNA biogenesis 1)
<a href="#">USF1</a>	1q23.3	USF1 (upstream transcription factor 1)
USP10 (Alias)	17q23.1	<a href="#">USP32</a>
<a href="#">USP15</a>	12q14.1	USP15 (ubiquitin specific peptidase 15)
<a href="#">USP1</a>	1p31.3	USP1 (ubiquitin specific peptidase 1)
<a href="#">USP32</a>	17q23.1	USP32 (ubiquitin specific peptidase 32)
<a href="#">USP6</a>	17p13.2	USP6 (ubiquitin specific protease 6 (Tre-2 oncogene))
<a href="#">USP7</a>	16p13.2	USP7 (ubiquitin specific peptidase 7 (herpes virus-associated))
USPL2 (Alias)	16q12.1	<a href="#">CYLD</a>
USURPIN (Alias)	2q33.1	<a href="#">CFLAR</a>
UV-DDB (Alias)	11p11.2	<a href="#">DDB2</a>
UVO (Alias)	16q22.1	<a href="#">CDH1</a>
Uvomorulin (Alias)	16q22.1	<a href="#">CDH1</a>

  

Vaccinia-related kinase 1 (Alias)	14q32.2	<a href="#">VRK1</a>
<a href="#">VAV1</a>	19p13.3	VAV1 (vav 1 oncogene)
<a href="#">VAV3</a>	1p13.3	VAV3 (vav 3 guanine nucleotide exchange factor)

VAV (Alias)	19p13.3	<a href="#">VAV1</a>
VBCH2 (Alias)	11q13.2	<a href="#">LRP5</a>
<a href="#">VCAN</a>	5q14.2	VCAN (versican)
VCC-1 (Alias)	19q13.2	<a href="#">CXCL17</a>
VCC1 (Alias)	19q13.2	<a href="#">CXCL17</a>
<a href="#">VCP</a>	9p13.3	VCP (valosin containing protein)
VDAC-1 (Alias)	5q31.1	<a href="#">VDAC1</a>
<a href="#">VDAC1</a>	5q31.1	VDAC1 (voltage-dependent anion channel 1)
VEGF-D (Alias)	Xp22.2	<a href="#">FIGF</a>
VEGFD (Alias)	Xp22.2	<a href="#">FIGF</a>
VEGII92A (Alias)	9q32	<a href="#">TNFSF15</a>
VEGI (Alias)	9q32	<a href="#">TNFSF15</a>
VF (Alias)	7q22.3	<a href="#">NAMPT</a>
<a href="#">VHL</a>	3p25.3	VHL (von Hippel-Lindau tumor suppressor)
VICKZ1 (Alias)	17q21.32	<a href="#">IGF2BP1</a>
VIP21 (Alias)	7q31.2	<a href="#">CAV1</a>
<a href="#">VIP</a>	6q25.2	VIP (vasoactive intestinal peptide)
VISFATIN (Alias)	7q22.3	<a href="#">NAMPT</a>
VIT1 (Alias)	2p16.3	<a href="#">FBXO11</a>
VLA-6 (Alias)	2q31.1	<a href="#">ITGA6</a>
VMCM1 (Alias)	9p21.2	<a href="#">TEK</a>
VMCM (Alias)	9p21.2	<a href="#">TEK</a>
<a href="#">VMP1</a>	17q23.1	VMP1 (vacuole membrane protein 1)
VR1 (Alias)	17p13.2	<a href="#">TRPV1</a>
VRK-1 (Alias)	14q32.2	<a href="#">VRK1</a>
<a href="#">VRK1</a>	14q32.2	VRK1 (Vaccinia-related kinase 1)
<a href="#">VRK2</a>	2p16.1	VRK2 (vaccinia related kinase 2)
VRL-1 (Alias)	17p11.2	<a href="#">TRPV2</a>
VRL1 (Alias)	17p11.2	<a href="#">TRPV2</a>
VRL (Alias)	17p11.2	<a href="#">TRPV2</a>
V-sis platelet-derived growth factor beta (simian sarcoma viral oncogene homolog) (Alias)	22q13.1	<a href="#">PDGFB</a>
<a href="#">VTCN1</a>	1p13.1	VTCN1 (V-set domain containing T cell activation inhibitor 1)
VZG1 (Alias)	9q31.3	<a href="#">LPAR1</a>
WAF1 (Wild type p53)	6p21.2	<a href="#">CDKN1A</a>

activated protein-1) (Alias)		
WAGR (Alias)	11p13	<a href="#">PAX6</a>
WAMTP1 (Alias)	19p13.11	<a href="#">CRTIC1</a>
WARTS (Alias)	6q25.1	<a href="#">LAT51</a>
<a href="#">WAS</a>	Xp11.23	WAS (Wiskott-Aldrich syndrome)
<a href="#">WDR77</a>	1p13.2	WDR77 (WD repeat domain 77)
WDR79 (Alias)	17p13.1	<a href="#">WRAP53</a>
WF-1 (Alias)	12q24.31	<a href="#">TRIAP1</a>
<a href="#">WFDC1</a>	16q24.1	WFDC1 (WAP four-disulfide core domain 1)
WGN1 (Alias)	5q14.2	<a href="#">VCAN</a>
WGN (Alias)	5q14.2	<a href="#">VCAN</a>
WHS (Alias)	4p16.3	<a href="#">WHSC1</a>
<a href="#">WHSC1</a>	4p16.3	WHSC1 (Wolf-Hirschhorn syndrome candidate 1)
<a href="#">WHSC1L1</a>	8p11.23	WHSC1L1 (Wolf-Hirschhorn syndrome candidate 1 like gene 1)
<a href="#">WHSC1</a>	4p16.3	WHSC1 (Wolf-Hirschhorn syndrome candidate 1)
WID (Alias)	5q31.2	<a href="#">CX3C5</a>
WIF-1 (Alias)	12q14.3	<a href="#">WIF1</a>
<a href="#">WIF1</a>	12q14.3	WIF1 (WNT inhibitory factor 1)
Wip1 phosphatase (Alias)	17q23.2	<a href="#">PPM1D</a>
<a href="#">WISP2</a>	20q13.12	WISP2 (Wnt-1-inducible signaling pathway protein-2)
<a href="#">WISP3</a>	6q21	WISP3 (WNT-1 inducible signaling pathway protein 3)
<a href="#">WNK2</a>	9q22.31	WNK2 (WNK lysine deficient protein kinase 2)
<a href="#">WNT1</a>	12q13.12	WNT1 (wingless-type MMTV integration site family, member 1)
Wnt1 signaling pathway protein 3 (Alias)	6q21	<a href="#">WISP3</a>
WNT-5A (Alias)	3p14.3	<a href="#">WNT5A</a>
<a href="#">WNT5A</a>	3p14.3	WNT5A (wingless-type MMTV integration site family, member 5A)
WR (Alias)	17q21.31	<a href="#">SLC4A1</a>
<a href="#">WRAP53</a>	17p13.1	WRAP53 (WD repeat containing, antisense to TP53)
<a href="#">WRN</a>	8p12	WRN (Werner syndrome, RecQ helicase-like)
WS1 (Alias)	2q36.1	<a href="#">PAX3</a>
WS2A (Alias)	3p14.1	<a href="#">MITF</a>
WS2 (Alias)	3p14.1	<a href="#">MITF</a>

WS2E (Alias)	22q13.1	<a href="#">SOX10</a>
WS3-10 (Alias)	11q23.3	<a href="#">TAGLN</a>
WS3 (Alias)	2q36.1	<a href="#">PAX3</a>
WS4 (Alias)	22q13.1	<a href="#">SOX10</a>
WS9-14 (Alias)	8p21.3	<a href="#">LOXL2</a>
<a href="#">WT1</a>	11p13	WT1 (Wilms' tumor suppressor gene)
WTX (Wilms Tumor on the X chromosome) (Alias)	Xq11.2	<a href="#">AMER1</a>
WVS2 (Alias)	7q36.1	<a href="#">EZH2</a>
WVS (Alias)	7q36.1	<a href="#">EZH2</a>
WW45 (Alias)	14q22.1	<a href="#">SAV1</a>
WW (Alias)	16q12.1	<a href="#">ABCC11</a>
<a href="#">WWC1</a>	5q34	WWC1 (WW and C2 domain containing 1)
<a href="#">WWOX</a>	16q23.1	WWOX (WW domain containing oxidoreductase)
<a href="#">WWP1</a>	8q21.3	WWP1 (WW domain containing E3 ubiquitin protein ligase 1)
WWP4 (Alias)	14q22.1	<a href="#">SAV1</a>
<a href="#">WWTR1</a>	3q25.1	WWTR1 (WW domain containing transcription regulator 1)
X104 (Alias)	9q21.11	<a href="#">TJP2</a>
<a href="#">XAF1</a>	17p13.1	XAF1 (XIAP associated factor-1)
XAP-2 (Alias)	11q13.2	<a href="#">AIP</a>
XAP2 (Alias)	11q13.2	<a href="#">AIP</a>
XAP8 (Alias)	11q14.1	<a href="#">RSF1</a>
XB130 (Alias)	10q25.3	<a href="#">AFAP1L2</a>
XBR (Alias)	4q12	<a href="#">REST</a>
XHL (Alias)	12q24.1	<a href="#">TBX3</a>
XLA (Alias)	Xq22.1	<a href="#">BTK</a>
XPAC (xeroderma pigmentosum, complementation group A) (Alias)	9q22.33	<a href="#">XPA</a>
<a href="#">XPA</a>	9q22.33	XPA xeroderma pigmentosum, complementation group A)
XPB (Alias)	2q14.3	<a href="#">ERCC3</a>
XPBC (Alias)	2q14.3	<a href="#">ERCC3</a>
XPCC (xeroderma pigmentosum, complementation group C) (Alias)	3p25.1	<a href="#">XPC</a>
<a href="#">XPC</a>	3p25.1	XPC (xeroderma pigmentosum, complementation group C)
XPD (Alias)	19q13.32	<a href="#">ERCC2</a>
XPE (xeroderma pigmentosum, complementation group E)	11p11.2	<a href="#">DDB2</a>

(Alias)		
XPF (xeroderma pigmentosum, complementation group F) (Alias)	16p13.12	<a href="#">ERCC4</a>
XPG (xeroderma pigmentosum, complementation group G) (Alias)	13q33.1	<a href="#">ERCC5</a>
XPID (Alias)	Xp11.23	<a href="#">FOXP3</a>
<a href="#">XPO1</a>	2p15	XPO1 (exportin 1 (CRM1 homolog, yeast))
XPO2 (Alias)	20q13.13	<a href="#">CSE1L</a>
XP-V (Alias)	6p21.1	<a href="#">POLH</a>
<a href="#">XRCC3</a>	14q32.33	XRCC3 (X-ray repair complementing defective repair in Chinese hamster cells 3)
<a href="#">XRCC5</a>	2q35	XRCC5 (X-ray repair complementing defective repair in Chinese hamster cells 5 (double-strand-break rejoicing))
<a href="#">XRCC6</a>	22q13.2	XRCC6 (X-ray repair complementing defective repair in Chinese hamster cells 6)
XRCC9 (X-ray repair complementing defective repair 9) (Alias)	9p13.3	<a href="#">FANCG</a>
XTP4 (Alias)	17q12	<a href="#">MIEN1</a>

Y10479 (Alias)	6p22.3	<a href="#">E2F3</a>
YAF1 (Alias)	6q21	<a href="#">HDAC2</a>
<a href="#">YAP1</a>	11q22.1	YAP1 (Yes-associated protein 1, 65kDa)
YAP2 (Alias)	11q22.1	<a href="#">YAP1</a>
YAP65 (Alias)	11q22.1	<a href="#">YAP1</a>
YAP (Alias)	11q22.1	<a href="#">YAP1</a>
YB-1 (Alias)	1p34.2	<a href="#">YBX1</a>
YB1 (Alias)	1p34.2	<a href="#">YBX1</a>
<a href="#">YBX1</a>	1p34.2	YBX1 (Y box binding protein 1)
YKI (Alias)	11q22.1	<a href="#">YAP1</a>
YKL086W (Alias)	20p13	<a href="#">SRXN1</a>
YOTIAO (Alias)	7q21.2	<a href="#">AKAP9</a>
<a href="#">YPEL3</a>	16p11.2	YPEL3 (yippee-like 3 (Drosophila))
<a href="#">YPEL5</a>	2p23.1	YPEL5 (yippee-like 5 (Drosophila))
YT (Alias)	7q22.1	<a href="#">ACHE</a>

acrogranin (Alias)	17q21.31	<a href="#">GRN</a>
adducin 3 (gamma) (Alias)	10q25.1	<a href="#">ADD3</a>
affixin (Alias)	22q13.31	<a href="#">PARVB</a>
aleurain (Alias)	15q25.1	<a href="#">CTSH</a>

amphiregulin (Alias)	4q13.3	<a href="#">AREG</a>
anaplastic lymphoma kinase (Ki-1) (Alias)	2p23.2	<a href="#">ALK</a>
apactin (mouse) (Alias)	10q26.13	<a href="#">DMBT1</a>
arachidonate omega 6-lipoxygenase (Alias)	17p13.2	<a href="#">ALOX15</a>
asrl (Alias)	11q13.1	<a href="#">EAU</a>
aurkb-sv1 (Alias)	17p13.1	<a href="#">AURKB</a>
aurkb-sv2 (Alias)	17p13.1	<a href="#">AURKB</a>
axil (mostly in rat) (Alias)	17q24.1	<a href="#">AXIN2</a>
bA12D24.1.1 (Alias)	9p24.1	<a href="#">RLN2</a>
bA12D24.1.2 (Alias)	9p24.1	<a href="#">RLN2</a>
bA209J19.1 (Alias)	13q14.3	<a href="#">OLFM4</a>
bA276H19.3 (Alias)	1p34.2	<a href="#">CDC20</a>
bA514O12.3 (Alias)	6q27	<a href="#">RNASET2</a>
bA517O1.1 (Alias)	Xq25	<a href="#">STAG2</a>
bA59I9.3 (Alias)	6q21	<a href="#">PDSS2</a>
bA74P14.1 (Alias)	1q44	<a href="#">SMYD3</a>
bca (Alias)	10q24.1	<a href="#">BLNK</a>
bcl-xL (Alias)	20q11.21	<a href="#">BCL2L1</a>
bcl-xS (Alias)	20q11.21	<a href="#">BCL2L1</a>
beta3GNT6 (Alias)	11q13.5	<a href="#">B3GNT6</a>
beta1G-M2 (Alias)	6q23.2	<a href="#">CTGF</a>
beta-parvin (Alias)	22q13.31	<a href="#">PARVB</a>
beta-TrCP1 (Alias)	10q24.32	<a href="#">BTRC</a>
betaTrCP (Alias)	10q24.32	<a href="#">BTRC</a>
bFGF (Alias)	4q28.1	<a href="#">NUDT6</a>
bHLHa38 (Alias)	7p21.1	<a href="#">TWIST1</a>
bHLHa39 (Alias)	2q37.3	<a href="#">TWIST2</a>
bHLHb11 (Alias)	1q23.3	<a href="#">USF1</a>
bHLHb24 (Alias)	20q11.21	<a href="#">ID1</a>
bHLHb26 (Alias)	2p25.1	<a href="#">ID2</a>
bHLHe32 (Alias)	3p14.1	<a href="#">MITF</a>
bHLHe37 (Alias)	2p24.3	<a href="#">MYCN</a>
bHLHe73 (Alias)	2p21	<a href="#">EPAS1</a>
bK21L9.1 (Alias)	6q23.3	<a href="#">BCLAF1</a>
brn-2 (Alias)	6q16.1	<a href="#">POU3F2</a>
bTrCP1 (Alias)	10q24.32	<a href="#">BTRC</a>
bTrCP (Alias)	10q24.32	<a href="#">BTRC</a>
cardiac-specific homeobox (Alias)	5q35.1	<a href="#">NKX2-5</a>
cCARMEN (Alias)	1p22.3	<a href="#">BCL10</a>
cdc6 (Alias)	17q21.2	<a href="#">CDC6</a>
c-E10 (Alias)	1p22.3	<a href="#">BCL10</a>
c-erbB-3 (Alias)	12q13.2	<a href="#">ERBB3</a>
c-erbB3 (Alias)	12q13.2	<a href="#">ERBB3</a>
c-FLIP (Alias)	2q33.1	<a href="#">CFLAR</a>
c-FLIPL (Alias)	2q33.1	<a href="#">CFLAR</a>
c-FLIPR (Alias)	2q33.1	<a href="#">CFLAR</a>
c-FLIPS (Alias)	2q33.1	<a href="#">CFLAR</a>
c-fms (Alias)	5q32	<a href="#">CSF1R</a>
c-Ha-ras 1 (Alias)	11p15.5	<a href="#">HRAS</a>
chemokine orphan receptor 1 (Alias)	2q37.3	<a href="#">ACKR3</a>

cIAP1 (Alias)	11q22.2	<a href="#">BIRC2</a>
c-IAP2 (Alias)	11q22.2	<a href="#">BIRC3</a>
c-jun (Alias)	1p32.1	<a href="#">JUN</a>
c-Ki-ras 2 (Alias)	12p12.1	<a href="#">KRAS</a>
ckshs1 (Alias)	1q21.3	<a href="#">CKS1B</a>
clathrin heavy chain (Alias)	17q23.1	<a href="#">CLTC</a>
claudin-1 (Alias)	17p13.1	<a href="#">CLDN7</a>
c-MAF (Alias)	16q23.2	<a href="#">MAF</a>
c-mer (Alias)	2q13	<a href="#">MERTK</a>
c-met (Alias)	7q31.2	<a href="#">MET</a>
cMG1 (Alias)	14q24.1	<a href="#">ZFP36L1</a>
c-myb10A_CDS (Alias)	6q23.3	<a href="#">MYB</a>
c-myb13A_CDS (Alias)	6q23.3	<a href="#">MYB</a>
c-myb14A_CDS (Alias)	6q23.3	<a href="#">MYB</a>
c-myb8B_CDS (Alias)	6q23.3	<a href="#">MYB</a>
c-myb (Alias)	6q23.3	<a href="#">MYB</a>
c-myb_CDS (Alias)	6q23.3	<a href="#">MYB</a>
coll-4 (Alias)	9q22.2	<a href="#">SEMA4D</a>
common acute lymphocytic leukemia antigen (CALLA) (Alias)	3q25.2	<a href="#">MME</a>
conductin (Alias)	17q24.1	<a href="#">AXIN2</a>
cPLA2-alpha (Alias)	1q31.1	<a href="#">PLA2G4A</a>
cPLA(2) interacting protein (Alias)	11q13.1	<a href="#">KAT5</a>
c-Raf (Alias)	3p25.2	<a href="#">RAF1</a>
c-rel (Alias)	2p16.1	<a href="#">REL</a>
crg-2 (Alias)	4q21.1	<a href="#">CXCL10</a>
c-SRC (Alias)	20q11.23	<a href="#">SRC</a>
cysteinease-translase (Alias)	11p15.4	<a href="#">CARS</a>
cysteine-tRNA ligase (Alias)	11p15.4	<a href="#">CARS</a>
deleted in cancer 1 (Alias)	13q14.3	<a href="#">INTS6</a>
dickkopf (Xenopus laevis) homolog 1 (Alias)	10q21.1	<a href="#">DKK1</a>
dJ1061C18.1.1 (Alias)	3q29	<a href="#">DLG1</a>
dJ1068H6.4 (Alias)	20p13	<a href="#">PRND</a>
dJ149M18.1 (Alias)	6p21.1	<a href="#">NCR2</a>
dJ221C16.10.1 (Alias)	6p22.2	<a href="#">HFE</a>
dJ323M4.1 (Alias)	6q24.3	<a href="#">SASH1</a>
dJ323M4 (Alias)	6q24.3	<a href="#">SASH1</a>
dJ447F3.2 (Alias)	20q13.12	<a href="#">UBE2C</a>
dJ477O4.2 (Alias)	20q11.22	<a href="#">ERGIC3</a>
dJ496H19.1 (Alias)	6q23.3	<a href="#">PERP</a>
dJ710H13.1 (Alias)	20q13.13	<a href="#">SNAI1</a>
dJ734G22.1 (Alias)	1p36.22	<a href="#">CASZ1</a>
dJ850E9.2 (Alias)	20p13	<a href="#">SRXN1</a>
ebnerin (rat) (Alias)	10q26.13	<a href="#">DMBT1</a>
ecogenin (Alias)	6q23.2	<a href="#">CTGF</a>
edg-2 (Alias)	9q31.3	<a href="#">LPAR1</a>
eEF1A-2 (Alias)	20q13.33	<a href="#">EEF1A2</a>
efg (Alias)	6q23.3	<a href="#">MYB</a>
eIF3-epsilon (Alias)	11p15.4	<a href="#">EIF3F</a>
eIF3-epsilon (Alias)	11p15.4	<a href="#">EIF3F</a>
eIF3f (Alias)	11p15.4	<a href="#">EIF3F</a>

eIF3-p110 (Alias)	16p11.2	<a href="#">EIF3C</a>
eIF3-p170 (Alias)	10q26.11	<a href="#">EIF3A</a>
eIF3-p47 (Alias)	11p15.4	<a href="#">EIF3F</a>
eIF3 subunit p110 (Alias)	16p11.2	<a href="#">EIF3C</a>
eIF3 subunit p47 (Alias)	11p15.4	<a href="#">EIF3F</a>
eIF3-theta (Alias)	10q26.11	<a href="#">EIF3A</a>
emb (Alias)	2p15	<a href="#">XPO1</a>
eN (Alias)	6q14.3	<a href="#">NT5E</a>
endosialin (Alias)	11q13.2	<a href="#">CD248</a>
eNT (Alias)	6q14.3	<a href="#">NT5E</a>
env (Alias)	-	<a href="#">ERVW-1</a>
enverin (Alias)	-	<a href="#">ERVW-1</a>
eps8 SH3 domain binding protein (Alias)	10p12.1	<a href="#">ABI1</a>
erbB3-S (Alias)	12q13.2	<a href="#">ERBB3</a>
erg-3 (Alias)	21q22.2	<a href="#">ERG</a>
ether a go-go (Alias)	1q32.2	<a href="#">KCNH1</a>
extracellular signal-regulated kinase 4 (Alias)	18q21.1	<a href="#">MAPK4</a>
flvi-2/bmi-1 (Alias)	10p12.2	<a href="#">BMI1</a>
fra-1 (Alias)	11q13.1	<a href="#">FOSL1</a>
fractalkine (Alias)	16q21	<a href="#">CX3CL1</a>
gamma adducin (adducin-like protein 70) (Alias)	10q25.1	<a href="#">ADD3</a>
gamma-synuclein (Alias)	10q23.2	<a href="#">SNCG</a>
gfg-1 (Alias)	4q28.1	<a href="#">NUDT6</a>
gfg (Alias)	4q28.1	<a href="#">NUDT6</a>
gIP-10 (Alias)	4q21.1	<a href="#">CXCL10</a>
glypican (Alias)	2q37.3	<a href="#">GPC1</a>
gp300 (glycoprotein 300; mouse) (Alias)	10q26.13	<a href="#">DMBT1</a>
gp-340 (glycoprotein-340; human) (Alias)	10q26.13	<a href="#">DMBT1</a>
granulin-epithelin (Alias)	17q21.31	<a href="#">GRN</a>
hAP-2g (Alias)	20q13.31	<a href="#">TFAP2C</a>
hBUB1 (Alias)	2q13	<a href="#">BUB1</a>
hC2GnT-M (Alias)	15q22.2	<a href="#">GCNT3</a>
hCDC6 (Alias)	17q21.2	<a href="#">CDC6</a>
hCDCRel-1 (human cell division cycle regulation 1) (Alias)	22q11.21	<a href="#">SEPT5</a>
hCLAP (Alias)	1p22.3	<a href="#">BCL10</a>
hCox-2 (Alias)	1q31.1	<a href="#">PTGS2</a>
hcp-1 (Alias)	1q41	<a href="#">CENPF</a>
hCPE-R, CPE-R (Clostridium perfringens enterotoxin receptor) (Alias)	7q11.23	<a href="#">CLDN4</a>
hD52 (Alias)	8q21.13	<a href="#">TPD52</a>
hDkk1 (Alias)	10q21.1	<a href="#">DKK1</a>
hDLP1 (Alias)	6q21	<a href="#">PDSS2</a>
hdm2 (Alias)	12q15	<a href="#">MDM2</a>
hDomino (Alias)	12q24.33	<a href="#">EP400</a>
h-eag (Alias)	1q32.2	<a href="#">KCNH1</a>
hEGP-2 (Alias)	2p21	<a href="#">EPCAM</a>
hELD (Alias)	1p36.11	<a href="#">ARID1A</a>

hensin (rabbit) (Alias)	10q26.13	<a href="#">DMBT1</a>
hepatocyte growth factor receptor (Alias)	7q31.2	<a href="#">MET</a>
hFat1 (Alias)	4q35.2	<a href="#">FAT1</a>
hFEN-1 (Alias)	11q12.2	<a href="#">FEN1</a>
hFIZ (Alias)	2q32.1	<a href="#">FRZB</a>
hFKH1B (Alias)	3p13	<a href="#">FOXP1</a>
hFPG1 (Alias)	15q24.2	<a href="#">NEIL1</a>
hGC-1 (Alias)	13q14.3	<a href="#">OLFM4</a>
hHIPk2 (Alias)	7q34	<a href="#">HIPK2</a>
hiap-2 (Alias)	11q22.2	<a href="#">BIRC2</a>
hJ1 (Alias)	20p12.2	<a href="#">JAG1</a>
hK11 (Alias)	19q13.41	<a href="#">KLK11</a>
hK7 (Alias)	19q13.41	<a href="#">KLK7</a>
hKNL-1 (Alias)	15q15.1	<a href="#">CASC5</a>
hluPGFS (Alias)	10p15.1	<a href="#">AKR1C3</a>
hMafA (Alias)	8q24.3	<a href="#">MAFA</a>
hMam-3 (Alias)	11q21	<a href="#">MAML2</a>
hMI-ER1 (Alias)	1p31.3	<a href="#">MIER1</a>
hMLH1 (Alias)	3p22.2	<a href="#">MLH1</a>
hMSH2 (Alias)	2p21	<a href="#">MSH2</a>
hMSH3 (Alias)	5q14.1	<a href="#">MSH3</a>
hN1 (Alias)	9q34.3	<a href="#">NOTCH1</a>
hN2 (Alias)	1p12	<a href="#">NOTCH2</a>
hNedd5 (Alias)	2q37.3	<a href="#">SEPT2</a>
hnRNPD0 (Alias)	4q21.22	<a href="#">HNRNPD</a>
hOLF-D (Alias)	13q14.3	<a href="#">OLFM4</a>
hOSA1 (Alias)	1p36.11	<a href="#">ARID1A</a>
hPAF1 (Alias)	19q13.2	<a href="#">PAF1</a>
hPD-ECGF (Alias)	22q13.33	<a href="#">TYMP</a>
hPTTG (Alias)	5q33.3	<a href="#">PTTG1</a>
hRAD9 (Alias)	11q13.2	<a href="#">RAD9A</a>
hRGS17 (Alias)	6q25.2	<a href="#">RGS17</a>
hRspo1 (Alias)	1p34.3	<a href="#">RSPO1</a>
hsa-mir-100 (Alias)	11q24.1	<a href="#">MIR100</a>
hsa-mir-10b (Alias)	2q31.1	<a href="#">MIR10B</a>
hsa-mir-122 (Alias)	18q21.31	<a href="#">MIR122</a>
hsa-mir-125a (Alias)	19q13.41	<a href="#">MIR125A</a>
hsa-mir-125b-1 (Alias)	11q24.1	<a href="#">MIR125B1</a>
hsa-mir-125b-2 (Alias)	21q21.1	<a href="#">MIR125B2</a>
hsa-mir-126 (Alias)	9q34.3	<a href="#">MIR126</a>
hsa-mir-200c (Alias)	12p13.31	<a href="#">MIR200C</a>
hsa-mir-21 (Alias)	17q23.1	<a href="#">MIR21</a>
hsa-mir-221 (Alias)	Xp11.3	<a href="#">MIR221</a>
hsa-mir-222 (Alias)	Xp11.3	<a href="#">MIR222</a>
hsa-mir-22 (Alias)	17p13.3	<a href="#">MIR22</a>
hsa-mir-23a (Alias)	19p13.13	<a href="#">MIR23A</a>
hsa-mir-27a (Alias)	19p13.13	<a href="#">MIR27A</a>
hsa-mir-331 (Alias)	12q22	<a href="#">MIR331</a>
hsa-mir-373 (Alias)	19q13.42	<a href="#">MIR373</a>
hsa-mir-449 (Alias)	5q11.2	<a href="#">MIR449A</a>

hsa-mir-7-1 (Alias)	9q21.32	<a href="#">MIR7-1</a>
hSCCE (Alias)	19q13.41	<a href="#">KLK7</a>
hSheD (Alias)	15q21.1	<a href="#">SHC4</a>
hSiah2 (Alias)	3q25.1	<a href="#">SIAH2</a>
hSir2 (Alias)	10q21.3	<a href="#">SIRT1</a>
hSirt1 (Alias)	10q21.3	<a href="#">SIRT1</a>
hSNF2b (Alias)	19p13.2	<a href="#">SMARCA4</a>
hSNF5 (Alias)	22q11.23	<a href="#">SMARCB1</a>
hSpc105 (Alias)	15q15.1	<a href="#">CASC5</a>
hSpry1 (Alias)	4q28.1	<a href="#">SPRY1</a>
hStar (Alias)	12p12.3	<a href="#">GUCY2C</a>
hTid-1 (Alias)	16p13.3	<a href="#">DNAJA3</a>
hTIE2 (Alias)	9p21.2	<a href="#">TEK</a>
hTif1 (Alias)	7q33	<a href="#">TRIM24</a>
hTSHR-I (Alias)	14q31.1	<a href="#">TSHR</a>
hucep-6 (Alias)	3p21.1	<a href="#">BAP1</a>
huH1 (Alias)	1p36.11	<a href="#">CLIC4</a>
human retinoblastoma susceptibility gene (Alias)	13q14.2	<a href="#">RB1</a>
huParacaspase (Alias)	18q21.32	<a href="#">MALT1</a>
hUsb1 (Alias)	16q21	<a href="#">USB1</a>
h-warts (Alias)	6q25.1	<a href="#">LAT51</a>
identified as the oncogene of the MC29 avian myelocytomatis virus (Alias)	8q24.21	<a href="#">MYC</a>
interferon beta 2 (Alias)	7p15.3	<a href="#">IL6</a>
interleukin 6 (Alias)	7p15.3	<a href="#">IL6</a>
intestinal membrane mucin MUC17 (Alias)	7q22.1	<a href="#">MUC17</a>
iTip60 (Alias)	11q13.1	<a href="#">KAT5</a>
kuz (Alias)	15q21.3	<a href="#">ADAM10</a>
lck tyrosine kinase (AA 1-142) (Alias)	1p35.1	<a href="#">LCK</a>
leukophysin (Alias)	1q25.3	<a href="#">DHX9</a>
leukotriene A4 synthase (Alias)	10q11.21	<a href="#">ALOX5</a>
lung cancer oncogene 7 (Alias)	5q35.3	<a href="#">GNB2L1</a>
lysophospholipase D (Alias)	8q24.12	<a href="#">ENPP2</a>
magicin (Alias)	4p15.32	<a href="#">MED28</a>
mdkk1 (Alias)	10q21.1	<a href="#">DKK1</a>
mE10 (Alias)	1p22.3	<a href="#">BCL10</a>
memB (Alias)	2q23.3	<a href="#">RND3</a>
membrane associated protein tyrosine kinase (Alias)	1p35.1	<a href="#">LCK</a>
membrane mucin 17 (Alias)	7q22.1	<a href="#">MUC17</a>
mER (Alias)	7p22.3	<a href="#">GPER1</a>
mer (Alias)	2q13	<a href="#">MERTK</a>
microRNA 126 (Alias)	9q34.3	<a href="#">MIR126</a>
milli (Alias)	8p21.3	<a href="#">PIWIL2</a>
minichain (Alias)	15q25.1	<a href="#">CTSH</a>
miR-100 (Alias)	11q24.1	<a href="#">MIR100</a>
miR-107 (Alias)	10q23.31	<a href="#">MIR107</a>
mir-10b (Alias)	2q31.1	<a href="#">MIR10B</a>
miR-125a (Alias)	19q13.41	<a href="#">MIR125A</a>

miR-125b-2 (Alias)	21q21.1	<a href="#">MIR125B2</a>
miR-126 (Alias)	9q34.3	<a href="#">MIR126</a>
mir-133b (Alias)	6p12.2	<a href="#">MIR133B</a>
miR-145 (Alias)	5q32	<a href="#">MIR145</a>
miR-183 (Alias)	7q32.2	<a href="#">MIR183</a>
miR-191 (Alias)	3p21.31	<a href="#">MIR191</a>
miR-196b (Alias)	7p15.2	<a href="#">MIR196B</a>
mir-200c (Alias)	12p13.31	<a href="#">MIR200C</a>
mir-211 (Alias)	15q13.3	<a href="#">MIR211</a>
miR-21 (Alias)	17q23.1	<a href="#">MIR21</a>
miR-221 (Alias)	Xp11.3	<a href="#">MIR221</a>
miR-222 (Alias)	Xp11.3	<a href="#">MIR222</a>
miR-22 (Alias)	17p13.3	<a href="#">MIR22</a>
miR-27a (Alias)	19p13.13	<a href="#">MIR27A</a>
mir-7-1 (Alias)	9q21.32	<a href="#">MIR7-1</a>
miRNA122A (Alias)	18q21.31	<a href="#">MIR122</a>
miRNA122 (Alias)	18q21.31	<a href="#">MIR122</a>
miRNA126 (Alias)	9q34.3	<a href="#">MIR126</a>
miRNA133B (Alias)	6p12.2	<a href="#">MIR133B</a>
miRNA145 (Alias)	5q32	<a href="#">MIR145</a>
miRNA146B (Alias)	10q24.32	<a href="#">MIR146B</a>
miRNA183 (Alias)	7q32.2	<a href="#">MIR183</a>
miRNA196B (Alias)	7p15.2	<a href="#">MIR196B</a>
miRNA23A (Alias)	19p13.13	<a href="#">MIR23A</a>
miRNA296 (Alias)	20q13.32	<a href="#">MIR296</a>
miRNA373 (Alias)	19q13.42	<a href="#">MIR373</a>
mob-1 (Alias)	4q21.1	<a href="#">CXCL10</a>
moesin (membrane-organising extension spike protein) (Alias)	Xq12	<a href="#">MSN</a>
mouse Muc3 (Alias)	7q22.1	<a href="#">MUC17</a>
mTOR (Alias)	1p36.22	<a href="#">MTOR</a>
mucin-17 (Alias)	7q22.1	<a href="#">MUC17</a>
mucin 5AC (Alias)	11p15.5	<a href="#">MUC5AC</a>
mucin 6 (Alias)	11p15.5	<a href="#">MUC6</a>
muclin (mouse) (Alias)	10q26.13	<a href="#">DMBT1</a>
mucus type C2GnT (Alias)	15q22.2	<a href="#">GCNT3</a>
murine name WOX1 (Alias)	16q23.1	<a href="#">WWOX</a>
mutY (E. coli) homolog (Alias)	1p34.1	<a href="#">MUTYH</a>
mutY homolog (Alias)	1p34.1	<a href="#">MUTYH</a>
myo36 (Alias)	12p13.31	<a href="#">ING4</a>
neurotactin (Alias)	16q21	<a href="#">CX3CL1</a>
notch1 (Alias)	9q34.3	<a href="#">NOTCH1</a>
novelzin (Alias)	1p36.33	<a href="#">MIB2</a>
nPKC-delta (Alias)	3p21.1	<a href="#">PRKCD</a>
nPKC-iota (Alias)	3q26.2	<a href="#">PRKCI</a>
oct-7 (Alias)	6q16.1	<a href="#">POU3F2</a>
osteoactivin (Alias)	7p15.3	<a href="#">GPNMB</a>
osteopontin (Alias)	4q22.1	<a href="#">SPP1</a>
osteostatin (Alias)	12p11.22	<a href="#">PTHLH</a>
p100 (Alias)	7q22.1	<a href="#">CUX1</a>
p100 (Alias)	20q11.21	<a href="#">TPX2</a>

p10 (Alias)	1q21.3	<a href="#">S100A10</a>
p110 (Alias)	7q22.1	<a href="#">CUX1</a>
p110 (Alias)	16p11.2	<a href="#">EIF3C</a>
p110-alpha (Alias)	3q26.32	<a href="#">PIK3CA</a>
p110D (Alias)	1p36.22	<a href="#">PIK3CD</a>
p11 (Alias)	1q21.3	<a href="#">S100A10</a>
p120 (Alias)	11q12.1	<a href="#">CTNND1</a>
p122-RhoGAP (Alias)	8p22	<a href="#">DLC1</a>
p140 TEK (Alias)	9p21.2	<a href="#">TEK</a>
p15INK4b (Alias)	9p21.3	<a href="#">CDKN2B</a>
p15(PAF) (Alias)	15q22.31	<a href="#">KIAA0101</a>
p15PAF (Alias)	15q22.31	<a href="#">KIAA0101</a>
p16 (Alias)	9p21.3	<a href="#">CDKN2A</a>
p16- INK4a (Alias)	9p21.3	<a href="#">CDKN2A</a>
p180 (Alias)	10q26.11	<a href="#">EIF3A</a>
p180-ErbB3 (Alias)	12q13.2	<a href="#">ERBB3</a>
p18-20 (Alias)	11p13	<a href="#">CD59</a>
p185 (Alias)	10q26.11	<a href="#">EIF3A</a>
p200 (Alias)	7q22.1	<a href="#">CUX1</a>
p21 (Alias)	6p21.2	<a href="#">CDKN1A</a>
p21-Rac2 (Alias)	22q13.1	<a href="#">RAC2</a>
p29ING4 (Alias)	12p13.31	<a href="#">ING4</a>
p30DBC (Alias)	8p21.3	<a href="#">KIAA1967</a>
p325 (Alias)	11q14.1	<a href="#">RSF1</a>
p32 (Alias)	4q35.1	<a href="#">ING2</a>
p33ING2 (Alias)	4q35.1	<a href="#">ING2</a>
p35srj (Alias)	6q24.1	<a href="#">CITED2</a>
p38-2G4 (Alias)	12q13.2	<a href="#">PA2G4</a>
p38 (Alias)	17p13.3	<a href="#">CRK</a>
p38 (Alias)	6p21.31	<a href="#">MAPK14</a>
p38 (Alias)	22q11.21	<a href="#">MAPK1</a>
p38ALPHA (Alias)	6p21.31	<a href="#">MAPK14</a>
p38delta (Alias)	6p21.31	<a href="#">MAPK13</a>
p38gamma (Alias)	22q13.33	<a href="#">MAPK12</a>
p400 (Alias)	12q24.33	<a href="#">EP400</a>
p40 (Alias)	22q11.21	<a href="#">MAPK1</a>
p40 (Alias)	3q28	<a href="#">TP63</a>
p41 (Alias)	22q11.21	<a href="#">MAPK1</a>
p41mapk (Alias)	22q11.21	<a href="#">MAPK1</a>
p42 (Alias)	9q22.1	<a href="#">CDK20</a>
p42-MAPK (Alias)	22q11.21	<a href="#">MAPK1</a>
p44 (Alias)	1p13.2	<a href="#">WDR77</a>
p44-ERK1 (Alias)	16p11.2	<a href="#">MAPK3</a>
p44-MAPK (Alias)	16p11.2	<a href="#">MAPK3</a>
p44/Mep50 (Alias)	1p13.2	<a href="#">WDR77</a>
p45-sErbB3 (Alias)	12q13.2	<a href="#">ERBB3</a>
p47 (Alias)	11p15.4	<a href="#">EIF3F</a>
p51 (Alias)	3q28	<a href="#">TP63</a>
p52 (Alias)	9p22.3	<a href="#">PSIP1</a>
p53BP3 (Alias)	9p21.1	<a href="#">TOPORS</a>
p53CP (Alias)	3q28	<a href="#">TP63</a>

p53CSV (Alias)	12q24.31	<a href="#">TRIAP1</a>
p53DINP1 (Alias)	8q22.1	<a href="#">TP53INP1</a>
p54 (Alias)	11q24.3	<a href="#">ETS1</a>
p55 (Alias)	21q22.2	<a href="#">ERG</a>
p55 (Alias)	7p22.1	<a href="#">FSCN1</a>
p55CDC (Alias)	1p34.2	<a href="#">CDC20</a>
p59ILK (Alias)	11p15.4	<a href="#">ILK</a>
p60 (Alias)	19q13.33	<a href="#">GLTSCR2</a>
p60-Src (Alias)	20q11.23	<a href="#">SRC</a>
p62 (Alias)	17q21.2	<a href="#">CDC6</a>
p63 (Alias)	3q28	<a href="#">TP63</a>
p66 (Alias)	1q21.3	<a href="#">SHC1</a>
p67 (Alias)	12q22	<a href="#">METAP2</a>
p67eIF2 (Alias)	12q22	<a href="#">METAP2</a>
p68 (Alias)	17q23.3	<a href="#">DDX5</a>
p68 kinase (Alias)	2p22.2	<a href="#">EIF2AK2</a>
p73H (Alias)	3q28	<a href="#">TP63</a>
p73L (Alias)	3q28	<a href="#">TP63</a>
p75 (Alias)	7q22.1	<a href="#">CUX1</a>
p75 (Alias)	9p22.3	<a href="#">PSIP1</a>
p85 (Alias)	5q13.1	<a href="#">PIK3R1</a>
p85-ALPHA (Alias)	5q13.1	<a href="#">PIK3R1</a>
p85-sErbB3 (Alias)	12q13.2	<a href="#">ERBB3</a>
p90 (Alias)	3q13.13	<a href="#">KIAA1524</a>
p90 (Alias)	3q29	<a href="#">TFRC</a>
p90S6K (Alias)	1p36.11	<a href="#">RPS6KA1</a>
p97 (Alias)	9p13.3	<a href="#">VCP</a>
p97MAPK (Alias)	15q21.2	<a href="#">MAPK6</a>
pART5 (Alias)	8p23.1	<a href="#">TNKS</a>
patched (Alias)	9q22.32	<a href="#">PTCH1</a>
pCIP (p300/CBP-integrator associated protein; mouse) (Alias)	20q13.12	<a href="#">NCOA3</a>
pEg3 kinase (Alias)	9p13.2	<a href="#">MELK</a>
pJA923 (Alias)	Yp11.2	<a href="#">TSPY1</a>
platelet glycoprotein G (Alias)	15q14	<a href="#">THBS1</a>
pokemon (Alias)	19p13.3	<a href="#">ZBTB7A</a>
polycystin-1 (Alias)	16p13.3	<a href="#">PKD1</a>
pp125FAK (Alias)	8q24.3	<a href="#">PTK2</a>
pp2386 (Alias)	16q24.2	<a href="#">FBXO31</a>
pp60c-Src (Alias)	20q11.23	<a href="#">SRC</a>
pP63mapk (Alias)	18q21.1	<a href="#">MAPK4</a>
pp90RSK1 (Alias)	1p36.11	<a href="#">RPS6KA1</a>
pPTB (Alias)	19p13.3	<a href="#">PTBP1</a>
prepb1 (Alias)	14q32.2	<a href="#">MEG3</a>
proepithelin (Alias)	17q21.31	<a href="#">GRN</a>
programulin (Alias)	17q21.31	<a href="#">GRN</a>
pro-interleukin-1-beta (Alias)	2q13	<a href="#">IL1B</a>
prorelaxin H2 (Alias)	9p24.1	<a href="#">RLN2</a>
protein homologous to chicken B complex protein, guanine nucleotide binding (Alias)	5q35.3	<a href="#">GNB2L1</a>
protein-tyrosine kinase (Alias)	1p35.1	<a href="#">LCK</a>

proto-oncogene LCK (Alias)	1p35.1	<a href="#">LCK</a>
ps20 (Alias)	16q24.1	<a href="#">WFDC1</a>
pS2 (Alias)	21q22.3	<a href="#">TFF1</a>
put. ptk (135aa); tyrosine kinase (Alias)	1p35.1	<a href="#">LCK</a>
qkf (Alias)	10q22.2	<a href="#">KAT6B</a>
querkopf (Alias)	10q22.2	<a href="#">KAT6B</a>
rab6-interacting protein 2, ERC1 (Alias)	12p13.33	<a href="#">ERC1</a>
rCop-1 (Alias)	20q13.12	<a href="#">WISP2</a>
rec.1.3 (Alias)	9q31.3	<a href="#">LPAR1</a>
rhombotin 1 (Alias)	11p15.4	<a href="#">LMO1</a>
rVH6 (Alias)	12q21.33	<a href="#">DUSP6</a>
scra (Alias)	7p14.2	<a href="#">ANLN</a>
secreted mucin 17 (Alias)	7q22.1	<a href="#">MUC17</a>
semaV (Alias)	3p21.31	<a href="#">SEMA3B</a>
sFRP-4 (Alias)	7p14.1	<a href="#">SFRP4</a>
slit2 (Alias)	5q34	<a href="#">SLIT3</a>
small intestinal mucin MUC3 (Alias)	7q22.1	<a href="#">MUC17</a>
smMLCK (Alias)	3q21.1	<a href="#">MYLK</a>
sPLA2 (Alias)	1p36.13	<a href="#">PLA2G2A</a>
sPLA2-IIA (Alias)	1p36.13	<a href="#">PLA2G2A</a>
sv0-MUC4 (Alias)	3q29	<a href="#">MUC4</a>
synaptopodin 2 (Alias)	4q26	<a href="#">SYNPO2</a>
synCAM4 (Alias)	19q13.31	<a href="#">CADM4</a>
tau-crystallin (Alias)	1p36.23	<a href="#">ENO1</a>
t-DARPP (Alias)	17q12	<a href="#">PPP1R1B</a>
tetraspanin-25 (Alias)	1p13.3	<a href="#">CD53</a>
tgat (Alias)	5p15.2	<a href="#">TRIO</a>
tNOX (Alias)	Xq26.1	<a href="#">ENOX2</a>
uc001kjc.1 (Alias)	10q23.33	<a href="#">LGI1</a>
vaccinia related kinase 1 (Alias)	14q32.2	<a href="#">VRK1</a>
vomeroglandin (mouse) (Alias)	10q26.13	<a href="#">DMBT1</a>
v-raf murine sarcoma viral oncogene homolog B1 (Alias)	7q34	<a href="#">BRAF</a>
vzg-1 (Alias)	9q31.3	<a href="#">LPAR1</a>
wts (Alias)	6q25.1	<a href="#">LATS1</a>
ZABC1 (Alias)	20q13.2	<a href="#">ZNF217</a>
ZAC1 (Alias)	6q24.2	<a href="#">PLAGL1</a>
ZAC (Alias)	6q24.2	<a href="#">PLAGL1</a>
ZBP1 (Alias)	17q21.32	<a href="#">IGF2BP1</a>
<b>ZBTB16</b>	11q23.2	ZBTB16 (zinc finger and BTB domain containing 16)
ZBTB27 (Alias)	3q27.3	<a href="#">BCL6</a>
ZBTB29 (Alias)	17p13.3	<a href="#">HIC1</a>
<b>ZBTB33</b>	Xq24	ZBTB33 (zinc finger and BTB domain containing 33)
<b>ZBTB7A</b>	19p13.3	ZBTB7A (zinc finger and BTB domain containing 7A)
ZBTB7 (Alias)	19p13.3	<a href="#">ZBTB7A</a>

ZBU1 (Alias)	3q24	<a href="#">HLTF</a>
zcyt18 (Alias)	12q15	<a href="#">IL22</a>
Zep-1 (Alias)	6p24.3	<a href="#">RREB1</a>
ZF9 (Alias)	10p15.1	<a href="#">KLF6</a>
ZFAB (Alias)	7q34	<a href="#">TRPV6</a>
<a href="#">ZFHX3</a>	16q22.2	ZFHX3 (AT-binding transcription factor 1)
<a href="#">ZFP36L1</a>	14q24.1	ZFP36L1 (Zinc finger protein 36, C3H type-like 1)
ZG14P (Alias)	8q24.21	<a href="#">ASAP1</a>
ZIF-268 (Alias)	5q31.2	<a href="#">EGR1</a>
Zinc finger protein GLI1 (glioma-associated oncogene) (Alias)	12q13.3	<a href="#">GLI1</a>
ZIP1 (Alias)	1q21.3	<a href="#">SLC39A1</a>
ZIP6 (Alias)	18q12.2	<a href="#">SLC39A6</a>
ZIRTL (Alias)	1q21.3	<a href="#">SLC39A1</a>
ZMIZ3 (Alias)	15q23	<a href="#">PIAS1</a>
ZMIZ5 (Alias)	1q21.1	<a href="#">PIAS3</a>
<a href="#">ZMYM2</a>	13q12.11	ZMYM2 (fused in myeloproliferative disorders).
<a href="#">ZMYND10</a>	3p21.31	ZMYND10 (zinc finger, MYND-type containing 10)
ZMYND14 (Alias)	1q32.3	<a href="#">SMYD2</a>
ZMYND1 (Alias)	1q44	<a href="#">SMYD3</a>
ZMYND4 (Alias)	16q24.3	<a href="#">CBFA2T3</a>
ZMYND6 (Alias)	1q42.2	<a href="#">EGLN1</a>
ZNF145 (zinc finger protein 145) (Alias)	11q23.2	<a href="#">ZBTB16</a>
<a href="#">ZNF146</a>	19q13.12	ZNF146 (zinc finger protein 146)
ZNF163 (Alias)	1p22.1	<a href="#">GFI1</a>
ZNF198 (zinc finger protein 198) (Alias)	13q12.11	<a href="#">ZMYM2</a>
<a href="#">ZNF217</a>	20q13.2	ZNF217 (zinc finger protein 217)
ZNF220 (Alias)	8p11.21	<a href="#">KAT6A</a>

ZNF225 (Alias)	5q31.2	<a href="#">EGR1</a>
ZNF348 (Alias)	Xq24	<a href="#">ZBTB33</a>
ZNF363 (Alias)	4q21.1	<a href="#">RCHY1</a>
<a href="#">ZNF384</a>	12p13.31	ZNF384 (Zinc Finger protein 384)
ZNF51 (Alias)	3q27.3	<a href="#">BCL6</a>
ZNF693 (Alias)	1p36.22	<a href="#">CASZ1</a>
ZNF802 (Alias)	7p15.2	<a href="#">JAZF1</a>
ZNF822 (Alias)	16q23.2	<a href="#">ATMIN</a>
ZNF857A (Alias)	19p13.3	<a href="#">ZBTB7A</a>
ZNF904 (Alias)	19q13.43	<a href="#">PEG3</a>
ZNF-kaiso (Alias)	Xq24	<a href="#">ZBTB33</a>
ZNFN1A1 (zinc finger protein, subfamily 1A, 1) (Alias)	7p12.2	<a href="#">IKZF1</a>
ZNFN1A2 (Alias)	2q34	<a href="#">IKZF2</a>
ZNFN3A1 (Alias)	1q44	<a href="#">SMYD3</a>
ZO-2 (Alias)	9q21.11	<a href="#">TJP2</a>
ZO2 (Alias)	9q21.11	<a href="#">TJP2</a>
ZSCAN24 (Alias)	19q13.43	<a href="#">PEG3</a>
ZYME (Alias)	14q22.2	<a href="#">BMP4</a>
ZZANK1 (Alias)	1p36.33	<a href="#">MIB2</a>
ZZZ1 (Alias)	2p11.2	<a href="#">KCMF1</a>
ZZZ5 (Alias)	1p36.33	<a href="#">MIB2</a>

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