**Cancer Gene List - VI**

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**Abstract:** There are thousands of genes that are related to the cancer development. This asreticle gives 1400 genes that are supposed as cancer genes. This is cancer gene list part 6.

[Herbert M. **Cancer Gene List - VI.** *Cancer Biology* 2020;10(3):12-35]. ISSN: 2150-1041 (print); ISSN: 2150-105X (online). <http://www.cancerbio.net>. 3. doi:[10.7537/marscbj100320.03](http://www.dx.doi.org/10.7537/marscbj100320.03).

**Key words**: cancer; gene; **D**NA; life; medicine

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 (6)

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| Gene | Location | HGNC (Hugo) Name |
| OBCAM (Alias) | 11q25 | [OPCML](http://atlasgeneticsoncology.org/Genes/OPCMLID44423ch11q25.html) |
| OBF1 (Oct binding factor 1) (Alias) | 11q23.1 | [POU2AF1](http://atlasgeneticsoncology.org/Genes/OBFID94.html) |
| OCA1A (Alias) | 11q14.3 | [TYR](http://atlasgeneticsoncology.org/Genes/TYRID42738ch11q14.html) |
| OCA-B (Alias) | 11q23.1 | [POU2AF1](http://atlasgeneticsoncology.org/Genes/OBFID94.html) |
| OCAIA (Alias) | 11q14.3 | [TYR](http://atlasgeneticsoncology.org/Genes/TYRID42738ch11q14.html) |
| OCI-5 (Alias) | Xq26.2 | [GPC3](http://atlasgeneticsoncology.org/Genes/GPC3ID156.html) |
| OCIF (Alias) | 8q24.12 | [TNFRSF11B](http://atlasgeneticsoncology.org/Genes/TNFRSF11BID42610ch8q24.html) |
| OCIM (Alias) | 11q13.3 | [MYEOV](http://atlasgeneticsoncology.org/Genes/MYEOVID395.html) |
| OCT7 (Alias) | 6q16.1 | [POU3F2](http://atlasgeneticsoncology.org/Genes/POU3F2ID45747ch6q16.html) |
| Oct-T1 (Alias) | 13q31.1 | [POU4F1](http://atlasgeneticsoncology.org/Genes/POU4F1ID44173ch13q31.html) |
| Oculorhombin (Alias) | 11p13 | [PAX6](http://atlasgeneticsoncology.org/Genes/PAX6ID211ch11p13.html) |
| ODED (Alias) | 2p24.3 | [MYCN](http://atlasgeneticsoncology.org/Genes/NMYCID112.html) |
| OEATC-1 (Alias) | 15q22.31 | [KIAA0101](http://atlasgeneticsoncology.org/Genes/KIAA0101ID41058ch15q22.html) |
| OEATC1 (Alias) | 15q22.31 | [KIAA0101](http://atlasgeneticsoncology.org/Genes/KIAA0101ID41058ch15q22.html) |
| OFC11 (Alias) | 14q22.2 | [BMP4](http://atlasgeneticsoncology.org/Genes/BMP4ID811ch14q22.html) |
| OFC8 (Alias) | 3q28 | [TP63](http://atlasgeneticsoncology.org/Genes/TP63ID365ch3q27.html) |

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| OGR-1 (Alias) | 14q32.11 | [GPR68](http://atlasgeneticsoncology.org/Genes/GPR68ID40745ch14q32.html) |
| OGR1 (Alias) | 14q32.11 | [GPR68](http://atlasgeneticsoncology.org/Genes/GPR68ID40745ch14q32.html) |
| OI15 (Alias) | 12q13.12 | [WNT1](http://atlasgeneticsoncology.org/Genes/WNT1ID462ch12q13.html) |
| OI4 (Alias) | 7q21.3 | [COL1A2](http://atlasgeneticsoncology.org/Genes/COL1A2ID411ch7q22.html) |
| OIP3 (Alias) | 15q23 | [PKM](http://atlasgeneticsoncology.org/Genes/PKM2ID41728ch15q22.html) |
| OIP-4 (Alias) | 22q11.22 | [PRAME](http://atlasgeneticsoncology.org/Genes/PRAMEID41828ch22q11.html) |
| OIP4 (Alias) | 22q11.22 | [PRAME](http://atlasgeneticsoncology.org/Genes/PRAMEID41828ch22q11.html) |
| OIT2 (Alias) | 19q13.12 | [FXYD5](http://atlasgeneticsoncology.org/Genes/FXYD5ID40652ch19q13.html) |
| OKL38 (Alias) | 16q23.3 | [OSGIN1](http://atlasgeneticsoncology.org/Genes/OSGIN1ID45760ch16q23.html) |
| OK/SW-cl.81 (Alias) | 12q24.33 | [RAN](http://atlasgeneticsoncology.org/Genes/RANID4203912q24.html) |
| OKT-9 (Alias) | 3q29 | [TFRC](http://atlasgeneticsoncology.org/Genes/TFRCID259ch3q29.html) |
| OlfD (Alias) | 13q14.3 | [OLFM4](http://atlasgeneticsoncology.org/Genes/OLFM4ID49730ch13q14.html) |
| [OLFM4](http://atlasgeneticsoncology.org/Genes/OLFM4ID49730ch13q14.html) | 13q14.3 | OLFM4 (olfactomedin 4) |
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| Olg-2 (Alias) | 21q22.11 | [OLIG2](http://atlasgeneticsoncology.org/Genes/OLIG2ID236.html) |
| [OLIG2](http://atlasgeneticsoncology.org/Genes/OLIG2ID236.html) | 21q22.11 | OLIG2 (oligodendrocyte lineage transcription factor) |
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| OLM4 (Alias) | 13q14.3 | [OLFM4](http://atlasgeneticsoncology.org/Genes/OLFM4ID49730ch13q14.html) |
| OMI (Alias) | 2p13.1 | [HTRA2](http://atlasgeneticsoncology.org/Genes/HTRA2ID41879ch2p13.html) |
| Oncogene GLI (Alias) | 12q13.3 | [GLI1](http://atlasgeneticsoncology.org/Genes/GLIID310ch12q13.html) |
| OP18 (Alias) | 1p36.11 | [STMN1](http://atlasgeneticsoncology.org/Genes/STMN1ID42443ch1p36.html) |
| OPCM (Alias) | 11q25 | [OPCML](http://atlasgeneticsoncology.org/Genes/OPCMLID44423ch11q25.html) |
| [OPCML](http://atlasgeneticsoncology.org/Genes/OPCMLID44423ch11q25.html) | 11q25 | OPCML (opioid binding protein/cell adhesion molecule-like) |
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| OPG (Alias) | 8q24.12 | [TNFRSF11B](http://atlasgeneticsoncology.org/Genes/TNFRSF11BID42610ch8q24.html) |
| OPHN1L (Alias) | 5q31.3 | [ARHGAP26](http://atlasgeneticsoncology.org/Genes/GRAFID291.html) |
| OPN (Alias) | 4q22.1 | [SPP1](http://atlasgeneticsoncology.org/Genes/SPP1ID42379ch4q22.html) |
| OPPG (Alias) | 11q13.2 | [LRP5](http://atlasgeneticsoncology.org/Genes/LRP5ID44282ch11q13.html) |
| OPS (Alias) | 11q13.2 | [LRP5](http://atlasgeneticsoncology.org/Genes/LRP5ID44282ch11q13.html) |
| OPTA1 (Alias) | 11q13.2 | [LRP5](http://atlasgeneticsoncology.org/Genes/LRP5ID44282ch11q13.html) |
| [ORAI3](http://atlasgeneticsoncology.org/Genes/ORAI3ID51589ch16p11.html) | 16p11.2 | ORAI3 (ORAI calcium release-activated calcium modulator 3) |
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| [ORAOV1](http://atlasgeneticsoncology.org/Genes/ORAOV1ID41611ch11q13.html) | 11q13.3 | ORAOV1 (oral cancer overexpressed 1) |
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| ORB3 (Alias) | 17q12 | [MIEN1](http://atlasgeneticsoncology.org/Genes/MIEN1ID52476ch17q12.html) |
| ORF480 (Alias) | 10q26.13 | [HTRA1](http://atlasgeneticsoncology.org/Genes/HTRA1ID41877ch10q26.html) |
| ORW1 (Alias) | 9q34.11 | [ENG](http://atlasgeneticsoncology.org/Genes/ENGID40452ch9q34.html) |
| ORW2 (Alias) | 12q13.13 | [ACVRL1](http://atlasgeneticsoncology.org/Genes/ACVRL1ID569ch12q13.html) |
| ORW (Alias) | 9q34.11 | [ENG](http://atlasgeneticsoncology.org/Genes/ENGID40452ch9q34.html) |
| OS1 (Alias) | 2q32.1 | [FRZB](http://atlasgeneticsoncology.org/Genes/FRZBID44457ch2q32.html) |
| OSA1 (Alias) | 1p36.11 | [ARID1A](http://atlasgeneticsoncology.org/Genes/ARID1AID44231ch1p36.html) |
| OSF2 (Alias) | 6p21.1 | [RUNX2](http://atlasgeneticsoncology.org/Genes/RUNX2ID42183ch6p21.html) |
| [OSGIN1](http://atlasgeneticsoncology.org/Genes/OSGIN1ID45760ch16q23.html) | 16q23.3 | OSGIN1 (oxidative stress induced growth inhibitor 1) |
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| OSP-L (Alias) | 13q32.1 | [CLDN10](http://atlasgeneticsoncology.org/Genes/CLDN10ID45827ch13q32.html) |
| Osteoprotegerin (Alias) | 8q24.12 | [TNFRSF11B](http://atlasgeneticsoncology.org/Genes/TNFRSF11BID42610ch8q24.html) |
| OTF-7 (Alias) | 6q16.1 | [POU3F2](http://atlasgeneticsoncology.org/Genes/POU3F2ID45747ch6q16.html) |
| OTF7 (Alias) | 6q16.1 | [POU3F2](http://atlasgeneticsoncology.org/Genes/POU3F2ID45747ch6q16.html) |
| OTTHUMP00000011647 (Alias) | 1p22.3 | [BCL10](http://atlasgeneticsoncology.org/Genes/BCL10ID222ch1p22.html) |
| OTTHUMP00000017258 (Alias) | 6q23.3 | [MYB](http://atlasgeneticsoncology.org/Genes/MYBID41466ch6q23.html) |
| OTTHUMP00000021084 (Alias) | 9p22.2 | [SH3GL2](http://atlasgeneticsoncology.org/Genes/SH3GL2ID44345ch9p22.html) |
| OTTHUMP00000021182 (Alias) | 9p21.1 | [TOPORS](http://atlasgeneticsoncology.org/Genes/TOPORSID42663ch9p21.html) |
| OTTHUMP00000021184 (Alias) | 9p21.1 | [TOPORS](http://atlasgeneticsoncology.org/Genes/TOPORSID42663ch9p21.html) |
| OTTHUMP00000021601 (Alias) | 9q21.33 | [CTSL](http://atlasgeneticsoncology.org/Genes/CTSL1ID40208ch9q21.html) |
| OTTHUMP00000021602 (Alias) | 9q21.33 | [CTSL](http://atlasgeneticsoncology.org/Genes/CTSL1ID40208ch9q21.html) |
| OTTHUMP00000021622 (Alias) | 9q22.2 | [SEMA4D](http://atlasgeneticsoncology.org/Genes/SEMA4DID42255ch9q22.html) |
| OTTHUMP00000021803 (Alias) | 9q31.1 | [ALDOB](http://atlasgeneticsoncology.org/Genes/ALDOBID44287ch9q31.html) |
| OTTHUMP00000022333 (Alias) | 9q34.11 | [PPP2R4](http://atlasgeneticsoncology.org/Genes/PPP2R4ID41817ch9q34.html) |
| OTTHUMP00000022727 (Alias) | 9p24.1 | [PTPRD](http://atlasgeneticsoncology.org/Genes/PTPRDID41927ch9p23.html) |
| OTTHUMP00000029289 (Alias) | 6p21.32 | [DAXX](http://atlasgeneticsoncology.org/Genes/DAXXID40265ch6p21.html) |
| OTTHUMP00000029290 (Alias) | 6p21.32 | [DAXX](http://atlasgeneticsoncology.org/Genes/DAXXID40265ch6p21.html) |
| OTTHUMP00000030661 (Alias) | 20q11.22 | [E2F1](http://atlasgeneticsoncology.org/Genes/E2F1ID40382ch20q11.html) |
| OTTHUMP00000031719 (Alias) | 20q13.12 | [MYBL2](http://atlasgeneticsoncology.org/Genes/MYBL2ID41469ch20q13.html) |
| OTTHUMP00000035409 (Alias) | 1q21.3 | [SHC1](http://atlasgeneticsoncology.org/Genes/SHC1ID42287ch1q21.html) |
| OTTHUMP00000035471 (Alias) | 1q21.3 | [SHC1](http://atlasgeneticsoncology.org/Genes/SHC1ID42287ch1q21.html) |
| OTTHUMP00000036080 (Alias) | 1p22.3 | [BCL10](http://atlasgeneticsoncology.org/Genes/BCL10ID222ch1p22.html) |
| OTTHUMP00000039358 (Alias) | 6p22.3 | [SOX4](http://atlasgeneticsoncology.org/Genes/SOX4ID42358ch6p22.html) |
| OTTHUMP00000045227 (Alias) | 9p21.1 | [TOPORS](http://atlasgeneticsoncology.org/Genes/TOPORSID42663ch9p21.html) |
| OTTHUMP00000063566 (Alias) | 9q21.33 | [CTSL](http://atlasgeneticsoncology.org/Genes/CTSL1ID40208ch9q21.html) |
| OTTHUMP00000160473 (Alias) | 4q13.3 | [AREG](http://atlasgeneticsoncology.org/Genes/AREGID690ch4q13.html) |
| OTTHUMP00000164806 (Alias) | 3p21.31 | [PLXNB1](http://atlasgeneticsoncology.org/Genes/PLXNB1ID43413ch3p21.html) |
| OTTHUMP00000184912 (Alias) | 7q32.2 | [NRF1](http://atlasgeneticsoncology.org/Genes/NRF1ID44233ch7q32.html) |
| OTTHUMP00000196469 (Alias) | Xq11.2 | [AMER1](http://atlasgeneticsoncology.org/Genes/FAM123BID44119chXq11.html) |
| OTT (one twenty-two) (Alias) | 1p13.3 | [RBM15](http://atlasgeneticsoncology.org/Genes/OTTID175.html) |
| OTUD7C (Alias) | 6q23.3 | [TNFAIP3](http://atlasgeneticsoncology.org/Genes/TNFAIP3ID42600ch6q23.html) |
| [OTX2](http://atlasgeneticsoncology.org/Genes/OTX2ID46429ch14q22.html) | 14q22.3 | OTX2 (orthodenticle homeobox 2) |
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| OX-2 (Alias) | 3q13.2 | [CD200](http://atlasgeneticsoncology.org/Genes/CD200ID44381ch3q13.html) |
| OXTES1 (Alias) | Xq28 | [PASD1](http://atlasgeneticsoncology.org/Genes/PASD1ID44567chXq28.html) |
| OZF (Alias) | 19q13.12 | [ZNF146](http://atlasgeneticsoncology.org/Genes/OZFID267.html) |

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| P110DELTA (Alias) | 1p36.22 | [PIK3CD](http://atlasgeneticsoncology.org/Genes/PIK3CDID46261ch1p36.html) |
| P120CAS (Alias) | 11q12.1 | [CTNND1](http://atlasgeneticsoncology.org/Genes/CTNND1ID40197ch11q11.html) |
| P120CTN (Alias) | 11q12.1 | [CTNND1](http://atlasgeneticsoncology.org/Genes/CTNND1ID40197ch11q11.html) |
| P130 (Alias) | 16q12.2 | [RBL2](http://atlasgeneticsoncology.org/Genes/RBL2ID443.html) |
| P130Cas (Alias) | 16q23.1 | [BCAR1](http://atlasgeneticsoncology.org/Genes/BCAR1ID761ch16q23.html) |
| P14 (Alias) | 1q21.3 | [S100A9](http://atlasgeneticsoncology.org/Genes/S100A9ID45569ch1q21.html) |
| P15 (Alias) | 9p21.3 | [CDKN2B](http://atlasgeneticsoncology.org/Genes/CDKN2BID187ch9p21.html) |
| P160 (Alias) | 17p13.2 | [MYBBP1A](http://atlasgeneticsoncology.org/Genes/MYBBP1AID41467ch17p13.html) |
| P167 (Alias) | 10q26.11 | [EIF3A](http://atlasgeneticsoncology.org/Genes/EIF3AID40425ch10q26.html) |
| P19 (Alias) | 12q13.3 | [IL23A](http://atlasgeneticsoncology.org/Genes/IL23AID44517ch12q13.html) |
| P1-CDC46 (Alias) | 22q12.3 | [MCM5](http://atlasgeneticsoncology.org/Genes/MCM5ID41321ch22q12.html) |
| P24 (Alias) | 12p13.31 | [CD9](http://atlasgeneticsoncology.org/Genes/CD9ID995ch12p13.html) |
| P270 (Alias) | 1p36.11 | [ARID1A](http://atlasgeneticsoncology.org/Genes/ARID1AID44231ch1p36.html) |
| P27KIP1 (Alias) | 12p13.1 | [CDKN1B](http://atlasgeneticsoncology.org/Genes/CDKN1BID116.html) |
| [P2RX7](http://atlasgeneticsoncology.org/Genes/P2RX7ID41623ch12q24.html) | 12q24.31 | P2RX7 (purinergic receptor P2X, ligand-gated ion channel, 7) |
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| P2X7 (Alias) | 12q24.31 | [P2RX7](http://atlasgeneticsoncology.org/Genes/P2RX7ID41623ch12q24.html) |
| P2Z (Alias) | 12q24.31 | [P2RX7](http://atlasgeneticsoncology.org/Genes/P2RX7ID41623ch12q24.html) |
| P300 (Alias) | 22q13.2 | [EP300](http://atlasgeneticsoncology.org/Genes/P300ID97.html) |
| P3.58 (Alias) | 19p13.2 | [ICAM1](http://atlasgeneticsoncology.org/Genes/ICAM1ID40909ch19p13.html) |
| P37 (Alias) | 4q21.22 | [HNRNPD](http://atlasgeneticsoncology.org/Genes/HNRNPDID40840ch4q21.html) |
| P40 (Alias) | 1q22 | [ARHGEF2](http://atlasgeneticsoncology.org/Genes/ARHGEF2ID43150ch1q22.html) |
| P42 (Alias) | 9q22.1 | [CDK20](http://atlasgeneticsoncology.org/Genes/CCRKID43196ch9q22.html) |
| P42MAPK (Alias) | 22q11.21 | [MAPK1](http://atlasgeneticsoncology.org/Genes/MAPK1ID41288ch22q11.html) |
| P44ERK1 (Alias) | 16p11.2 | [MAPK3](http://atlasgeneticsoncology.org/Genes/MAPK3ID425ch16p11.html) |
| P44MAPK (Alias) | 16p11.2 | [MAPK3](http://atlasgeneticsoncology.org/Genes/MAPK3ID425ch16p11.html) |
| P450C2A (Alias) | 19q13.2 | [CYP2A6](http://atlasgeneticsoncology.org/Genes/CYP2A6ID40240ch19q13.html) |
| P-450HP (Alias) | 1p33 | [CYP4B1](http://atlasgeneticsoncology.org/Genes/CYP4B1ID40253ch1p33.html) |
| P450(I) (Alias) | 19q13.2 | [CYP2A6](http://atlasgeneticsoncology.org/Genes/CYP2A6ID40240ch19q13.html) |
| P450PB (Alias) | 19q13.2 | [CYP2A6](http://atlasgeneticsoncology.org/Genes/CYP2A6ID40240ch19q13.html) |
| P45 (Alias) | 11q22.3 | [CASP1](http://atlasgeneticsoncology.org/Genes/CASP1ID145ch11q22.html) |
| P53BP2 (Alias) | 1q41 | [TP53BP2](http://atlasgeneticsoncology.org/Genes/TP53BP2ID42667ch1q42.html) |
| P53BP3 (Alias) | 9p21.1 | [TOPORS](http://atlasgeneticsoncology.org/Genes/TOPORSID42663ch9p21.html) |
| P53CSV (Alias) | 12q24.31 | [TRIAP1](http://atlasgeneticsoncology.org/Genes/TRIAP1ID44577ch12q24.html) |
| P53 (Protein 53 kDa) (Alias) | 17p13.1 | [TP53](http://atlasgeneticsoncology.org/Genes/P53ID88.html) |
| P54 (Alias) | 6p21.31 | [FKBP5](http://atlasgeneticsoncology.org/Genes/FKBP5ID40578ch6p21.html) |
| P55CDC-LSB (Alias) | 1p34.2 | [CDC20](http://atlasgeneticsoncology.org/Genes/CDC20ID40003ch1p34.html) |
| P56-LCK LSK (T cell-specific protein-tyrosine kinase) (Alias) | 1p35.1 | [LCK](http://atlasgeneticsoncology.org/Genes/LCKID14ch1p34.html) |
| P59 (Alias) | 11p15.4 | [ILK](http://atlasgeneticsoncology.org/Genes/ILKID460ch11p15.html) |
| P64H1 (Alias) | 1p36.11 | [CLIC4](http://atlasgeneticsoncology.org/Genes/CLIC4ID40102ch1p36.html) |
| P65-PAK (Alias) | 11q13.5 | [PAK1](http://atlasgeneticsoncology.org/Genes/PAK1ID41633ch11q13.html) |
| P67EIF2 (Alias) | 12q22 | [METAP2](http://atlasgeneticsoncology.org/Genes/METAP2ID46053ch12q22.html) |
| P8 (Alias) | 1q21.3 | [S100A8](http://atlasgeneticsoncology.org/Genes/S100A8ID46446ch1q21.html) |
| P9KA (Alias) | 1q21.3 | [S100A4](http://atlasgeneticsoncology.org/Genes/S100A4ID42192ch1q21.html) |
| [PA2G4](http://atlasgeneticsoncology.org/Genes/PA2G4ID41628ch12q13.html) | 12q13.2 | PA2G4 (proliferation-associated 2G4, 38kDa) |
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| PAC1 (Alias) | 10p15.1 | [KLF6](http://atlasgeneticsoncology.org/Genes/KLF6ID44002ch10p15.html) |
| PACAP (Alias) | 18p11.32 | [ADCYAP1](http://atlasgeneticsoncology.org/Genes/ADCYAP1ID43656ch18p11.html) |
| PACE (Alias) | 15q26.1 | [FURIN](http://atlasgeneticsoncology.org/Genes/FURINID40646ch15q26.html) |
| PAEG (Alias) | 9q34.3 | [PAEP](http://atlasgeneticsoncology.org/Genes/PAEPID46067ch9q34.html) |
| [PAEP](http://atlasgeneticsoncology.org/Genes/PAEPID46067ch9q34.html) | 9q34.3 | PAEP (progestagen-associated endometrial protein) |
|  |  |  |
| [PAF1](http://atlasgeneticsoncology.org/Genes/PAF1ID44202ch19q13.html) | 19q13.2 | PAF1 (Paf1, RNA polymerase II associated factor, homolog (S. cerevisiae)) |
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| PA-FABP (Alias) | 8q21.13 | [FABP5](http://atlasgeneticsoncology.org/Genes/FABP5ID49862ch8q21.html) |
| PAFABP (Alias) | 8q21.13 | [FABP5](http://atlasgeneticsoncology.org/Genes/FABP5ID49862ch8q21.html) |
| PAF (Alias) | 15q22.31 | [KIAA0101](http://atlasgeneticsoncology.org/Genes/KIAA0101ID41058ch15q22.html) |
| PAG2 (Alias) | 8q24.21 | [ASAP1](http://atlasgeneticsoncology.org/Genes/ASAP1ID44351ch8q24.html) |
| PAG (Alias) | 1p34.1 | [PRDX1](http://atlasgeneticsoncology.org/Genes/PAGID266.html) |
| PAGA (Proliferation Associated Gene A) (Alias) | 1p34.1 | [PRDX1](http://atlasgeneticsoncology.org/Genes/PAGID266.html) |
| Paired box homeotic gene 9 (Alias) | 14q13.3 | [PAX9](http://atlasgeneticsoncology.org/Genes/PAX9ID41644ch14q12.html) |
| PAK-1 (Alias) | 11q13.5 | [PAK1](http://atlasgeneticsoncology.org/Genes/PAK1ID41633ch11q13.html) |
| [PAK1](http://atlasgeneticsoncology.org/Genes/PAK1ID41633ch11q13.html) | 11q13.5 | PAK1 (p21/Cdc42/Rac1-activated kinase 1 (STE20 homolog, yeast)) |
|  |  |  |
| [PAK2](http://atlasgeneticsoncology.org/Genes/PAK2ID41634ch3q29.html) | 3q29 | PAK2 (p21 protein (Cdc42/Rac)-activated kinase 2) |
|  |  |  |
| PAK65 (Alias) | 3q29 | [PAK2](http://atlasgeneticsoncology.org/Genes/PAK2ID41634ch3q29.html) |
| PAKalpha (Alias) | 11q13.5 | [PAK1](http://atlasgeneticsoncology.org/Genes/PAK1ID41633ch11q13.html) |
| PAKgamma (Alias) | 3q29 | [PAK2](http://atlasgeneticsoncology.org/Genes/PAK2ID41634ch3q29.html) |
| PAP2 (Alias) | 17p13.2 | [MYBBP1A](http://atlasgeneticsoncology.org/Genes/MYBBP1AID41467ch17p13.html) |
| PAP (Alias) | 8q24.21 | [ASAP1](http://atlasgeneticsoncology.org/Genes/ASAP1ID44351ch8q24.html) |
| PAPRS (Alias) | 10q24.31 | [PAX2](http://atlasgeneticsoncology.org/Genes/PAX2ID41642ch10q24.html) |
| PAQR1 (Alias) | 1q32.1 | [ADIPOR1](http://atlasgeneticsoncology.org/Genes/ADIPOR1ID44512ch1q32.html) |
| PAR4 (Alias) | 12q21.2 | [PAWR](http://atlasgeneticsoncology.org/Genes/PAWRID41641ch12q21.html) |
| Par-4 (Prostate apoptosis gene 4) (Alias) | 12q21.2 | [PAWR](http://atlasgeneticsoncology.org/Genes/PAWRID41641ch12q21.html) |
| PARK13 (Alias) | 2p13.1 | [HTRA2](http://atlasgeneticsoncology.org/Genes/HTRA2ID41879ch2p13.html) |
| PARP-5a (Alias) | 8p23.1 | [TNKS](http://atlasgeneticsoncology.org/Genes/TNKSID43534ch8p23.html) |
| PARP5A (Alias) | 8p23.1 | [TNKS](http://atlasgeneticsoncology.org/Genes/TNKSID43534ch8p23.html) |
| PARPL (Alias) | 8p23.1 | [TNKS](http://atlasgeneticsoncology.org/Genes/TNKSID43534ch8p23.html) |
| [PARVB](http://atlasgeneticsoncology.org/Genes/PARVBID46486ch22q13.html) | 22q13.31 | PARVB (parvin, beta) |
|  |  |  |
| [PASD1](http://atlasgeneticsoncology.org/Genes/PASD1ID44567chXq28.html) | Xq28 | PASD1 (PAS domain containing 1) |
|  |  |  |
| PASD2 (Alias) | 2p21 | [EPAS1](http://atlasgeneticsoncology.org/Genes/EPAS1ID44088ch2p21.html) |
| PASG (Alias) | 10q23.33 | [HELLS](http://atlasgeneticsoncology.org/Genes/HELLSID40811ch10q23.html) |
| PASS1 (Alias) | 3q21.1 | [HSPBAP1](http://atlasgeneticsoncology.org/Genes/HSPBAP1ID513.html) |
| Patched 2 (Alias) | 1p34.1 | [PTCH2](http://atlasgeneticsoncology.org/Genes/PTCH2ID41892ch1p34.html) |
| Patched homolog 2 (Alias) | 1p34.1 | [PTCH2](http://atlasgeneticsoncology.org/Genes/PTCH2ID41892ch1p34.html) |
| [PAWR](http://atlasgeneticsoncology.org/Genes/PAWRID41641ch12q21.html) | 12q21.2 | PAWR (PRKC apoptosis WT1 regulator protein) |
|  |  |  |
| [PAX2](http://atlasgeneticsoncology.org/Genes/PAX2ID41642ch10q24.html) | 10q24.31 | PAX2 (Paired box gene 2) |
|  |  |  |
| [PAX3](http://atlasgeneticsoncology.org/Genes/PAX3ID70ch2q35.html) | 2q36.1 | PAX3 (paired box gene 3 (Waardenburg syndrome 1)) |
|  |  |  |
| [PAX5](http://atlasgeneticsoncology.org/Genes/PAX5ID62.html) | 9p13.2 | PAX5 (paired box gene 5) |
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| [PAX6](http://atlasgeneticsoncology.org/Genes/PAX6ID211ch11p13.html) | 11p13 | PAX6 (paired box 6) |
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| [PAX8](http://atlasgeneticsoncology.org/Genes/PAX8ID382ch2q13.html) | 2q13 | PAX8 (paired box 8) |
|  |  |  |
| [PAX9](http://atlasgeneticsoncology.org/Genes/PAX9ID41644ch14q12.html) | 14q13.3 | PAX9 (Paired box gene 9) |
|  |  |  |
| PB1 (Alias) | 3p21.1 | [PBRM1](http://atlasgeneticsoncology.org/Genes/PBRM1ID43697ch3p21.html) |
| PBEF1 (Alias) | 7q22.3 | [NAMPT](http://atlasgeneticsoncology.org/Genes/NAMPTID43890ch7q22.html) |
| PBEF (Alias) | 7q22.3 | [NAMPT](http://atlasgeneticsoncology.org/Genes/NAMPTID43890ch7q22.html) |
| PBF (Alias) | 21q22.3 | [PTTG1IP](http://atlasgeneticsoncology.org/Genes/PTTG1IPID41944ch21q22.html) |
| PBP (Alias) | 12q24.23 | [PEBP1](http://atlasgeneticsoncology.org/Genes/PEBP1ID44021ch12q24.html) |
| PBP (Alias) | 16p13.3 | [PKD1](http://atlasgeneticsoncology.org/Genes/PKD1ID41725ch16p13.html) |
| PBR3 (Alias) | 20q11.22 | [E2F1](http://atlasgeneticsoncology.org/Genes/E2F1ID40382ch20q11.html) |
| [PBRM1](http://atlasgeneticsoncology.org/Genes/PBRM1ID43697ch3p21.html) | 3p21.1 | PBRM1 (polybromo 1) |
|  |  |  |
| [PBX1](http://atlasgeneticsoncology.org/Genes/PBX1ID2.html) | 1q23.3 | PBX1 (pre-B-cell leukemia homeobox 1) |
|  |  |  |
| Pc-1 (Alias) | 16p13.3 | [PKD1](http://atlasgeneticsoncology.org/Genes/PKD1ID41725ch16p13.html) |
| PC-1 (Alias) | 8q21.13 | [TPD52](http://atlasgeneticsoncology.org/Genes/TPD52ID42676ch8q21.html) |
| PC4 (Alias) | 19p13.3 | [PCSK4](http://atlasgeneticsoncology.org/Genes/PCSK4ID50716ch19p13.html) |
| PC5 (Alias) | 9q21.13 | [PCSK5](http://atlasgeneticsoncology.org/Genes/PCSK5ID52105ch9q21.html) |
| PC6A (Alias) | 9q21.13 | [PCSK5](http://atlasgeneticsoncology.org/Genes/PCSK5ID52105ch9q21.html) |
| PC6 (Alias) | 9q21.13 | [PCSK5](http://atlasgeneticsoncology.org/Genes/PCSK5ID52105ch9q21.html) |
| PCAD (Alias) | 16q22.1 | [CDH3](http://atlasgeneticsoncology.org/Genes/CDH3ID40025ch16q22.html) |
| PCANAP1 (Alias) | 7q21.13 | [STEAP2](http://atlasgeneticsoncology.org/Genes/STEAP2ID42435ch7q21.html) |
| PCAR1 (Alias) | 3q21.1 | [CASR](http://atlasgeneticsoncology.org/Genes/CASRID43977ch3q21.html) |
| PCDGF (Alias) | 17q21.31 | [GRN](http://atlasgeneticsoncology.org/Genes/GRNID40757ch17q21.html) |
| PCGF4 (Alias) | 10p12.2 | [BMI1](http://atlasgeneticsoncology.org/Genes/BMI1ID807ch10p12.html) |
| PCMF (Alias) | 2p11.2 | [KCMF1](http://atlasgeneticsoncology.org/Genes/KCMF1ID46364ch2p11.html) |
| [PCNA](http://atlasgeneticsoncology.org/Genes/PCNAID41670ch20p12.html) | 20p13 | PCNA (proliferating cell nuclear antigen) |
|  |  |  |
| PCPTP1 (Alias) | 12q15 | [PTPRR](http://atlasgeneticsoncology.org/Genes/PTPRRID41937ch12q15.html) |
| PCSK3 (Alias) | 15q26.1 | [FURIN](http://atlasgeneticsoncology.org/Genes/FURINID40646ch15q26.html) |
| [PCSK4](http://atlasgeneticsoncology.org/Genes/PCSK4ID50716ch19p13.html) | 19p13.3 | PCSK4 (proprotein convertase subtilisin/kexin type 4) |
|  |  |  |
| [PCSK5](http://atlasgeneticsoncology.org/Genes/PCSK5ID52105ch9q21.html) | 9q21.13 | PCSK5 (Proprotein Convertase Subtilisin/Kexin Type 5) |
|  |  |  |
| PD1alpha (Alias) | 8q24.12 | [ENPP2](http://atlasgeneticsoncology.org/Genes/ENPP2ID40455ch8q24.html) |
| PD2 (Alias) | 19q13.2 | [PAF1](http://atlasgeneticsoncology.org/Genes/PAF1ID44202ch19q13.html) |
| PDAF (Alias) | 8q23.2 | [EBAG9](http://atlasgeneticsoncology.org/Genes/EBAG9ID40393ch8q23.html) |
| PDCD12 (Alias) | 15q14 | [AVEN](http://atlasgeneticsoncology.org/Genes/AVENID43158ch15q14.html) |
| [PDCD4](http://atlasgeneticsoncology.org/Genes/PDCD4ID41675ch10q24.html) | 10q25.2 | PDCD4 (Programmed Cell Death 4) |
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| [PDCD6](http://atlasgeneticsoncology.org/Genes/PDCD6ID43402ch5p15.html) | 5p15.33 | PDCD6 (programmed cell death 6) |
|  |  |  |
| PDCD8 (Alias) | Xq26.1 | [AIFM1](http://atlasgeneticsoncology.org/Genes/AIFM1ID44053chXq25.html) |
| PDE11A1 (Alias) | 2q31.2 | [PDE11A](http://atlasgeneticsoncology.org/Genes/PDE11AID44448ch2q31.html) |
| PDE11A2 (Alias) | 2q31.2 | [PDE11A](http://atlasgeneticsoncology.org/Genes/PDE11AID44448ch2q31.html) |
| PDE11A3 (Alias) | 2q31.2 | [PDE11A](http://atlasgeneticsoncology.org/Genes/PDE11AID44448ch2q31.html) |
| [PDE11A](http://atlasgeneticsoncology.org/Genes/PDE11AID44448ch2q31.html) | 2q31.2 | PDE11A (phosphodiesterase 11A) |
|  |  |  |
| [PDE4DIP](http://atlasgeneticsoncology.org/Genes/PDE4DIP01q22ID180.html) | 1q21.1 | PDE4DIP (phosphodiesterase 4D interacting protein (myomegalin)) |
|  |  |  |
| PDECGF (Alias) | 22q13.33 | [TYMP](http://atlasgeneticsoncology.org/Genes/TYMPID40397ch22q13.html) |
| PDF (prostate derived factor) (Alias) | 19p13.11 | [GDF15](http://atlasgeneticsoncology.org/Genes/GDF15ID40701ch19p13.html) |
| [PDGFB](http://atlasgeneticsoncology.org/Genes/PDGFBID155.html) | 22q13.1 | PDGFB platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog) |
|  |  |  |
| PDGFR1 (Alias) | 5q32 | [PDGFRB](http://atlasgeneticsoncology.org/Genes/PDGFRBID21ch5q32.html) |
| PDGFR-2 (Alias) | 4q12 | [PDGFRA](http://atlasgeneticsoncology.org/Genes/PDGFRAID143ch4q12.html) |
| PDGFR2 (Alias) | 4q12 | [PDGFRA](http://atlasgeneticsoncology.org/Genes/PDGFRAID143ch4q12.html) |
| [PDGFRA](http://atlasgeneticsoncology.org/Genes/PDGFRAID143ch4q12.html) | 4q12 | PDGFRA (platelet-derived growth factor receptor, alpha polypeptide) |
| PDGFR (Alias) | 5q32 | [PDGFRB](http://atlasgeneticsoncology.org/Genes/PDGFRBID21ch5q32.html) |
|  |  |  |
| PDGF-R-beta (Alias) | 5q32 | [PDGFRB](http://atlasgeneticsoncology.org/Genes/PDGFRBID21ch5q32.html) |
| [PDGFRB](http://atlasgeneticsoncology.org/Genes/PDGFRBID21ch5q32.html) | 5q32 | PDGFRB (platelet-derived growth factor receptor, beta polypeptide) |
|  |  |  |
| PDNP2 (Alias) | 8q24.12 | [ENPP2](http://atlasgeneticsoncology.org/Genes/ENPP2ID40455ch8q24.html) |
| [PDSS2](http://atlasgeneticsoncology.org/Genes/PDSS2ID890ch6q21.html) | 6q21 | PDSS2 (prenyl (decaprenyl) diphosphate synthase, subunit 2) |
|  |  |  |
| PDX-1 (Alias) | 13q12.2 | [PDX1](http://atlasgeneticsoncology.org/Genes/PDX1ID43921ch13q12.html) |
| [PDX1](http://atlasgeneticsoncology.org/Genes/PDX1ID43921ch13q12.html) | 13q12.2 | PDX1 (pancreatic and duodenal homeobox 1) |
|  |  |  |
| [PDZK1IP1](http://atlasgeneticsoncology.org/Genes/PDZK1IP1ID41268ch1p33.html) | 1p33 | PDZK1IP1 (PDZK1 interacting protein 1) |
|  |  |  |
| PEA-15 (Alias) | 1q23.2 | [PEA15](http://atlasgeneticsoncology.org/Genes/PEA15ID46286ch1q21.html) |
| [PEA15](http://atlasgeneticsoncology.org/Genes/PEA15ID46286ch1q21.html) | 1q23.2 | PEA15 (phosphoprotein enriched in astrocytes 15) |
|  |  |  |
| PEA3 (Alias) | 17q21.31 | [ETV4](http://atlasgeneticsoncology.org/Genes/ETV4ID133ch17q21.html) |
| PEAS3 (Alias) | 17q21.31 | [ETV4](http://atlasgeneticsoncology.org/Genes/ETV4ID133ch17q21.html) |
| PEBP-1 (Alias) | 12q24.23 | [PEBP1](http://atlasgeneticsoncology.org/Genes/PEBP1ID44021ch12q24.html) |
| [PEBP1](http://atlasgeneticsoncology.org/Genes/PEBP1ID44021ch12q24.html) | 12q24.23 | PEBP1 (phosphatidylethanolamine binding protein 1) |
|  |  |  |
| PEBP2-ALPHA-A (Alias) | 6p21.1 | [RUNX2](http://atlasgeneticsoncology.org/Genes/RUNX2ID42183ch6p21.html) |
| PEBP2b ( polyomavirus enhancer binding protein b) (Alias) | 16q22.1 | [CBFB](http://atlasgeneticsoncology.org/Genes/CBFbID45.html) |
| PEBPaB (polyomavirus enhancer binding protein aB) (Alias) | 21q22.12 | [RUNX1](http://atlasgeneticsoncology.org/Genes/AML1ID52.html) |
| PEBP (Alias) | 12q24.23 | [PEBP1](http://atlasgeneticsoncology.org/Genes/PEBP1ID44021ch12q24.html) |
| PED (Alias) | 1q23.2 | [PEA15](http://atlasgeneticsoncology.org/Genes/PEA15ID46286ch1q21.html) |
| PEF1B (Alias) | 5p15.33 | [PDCD6](http://atlasgeneticsoncology.org/Genes/PDCD6ID43402ch5p15.html) |
| [PEG10](http://atlasgeneticsoncology.org/Genes/PEG10ID44104ch7q21.html) | 7q21.3 | PEG10 (paternally expressed 10) |
|  |  |  |
| [PEG3](http://atlasgeneticsoncology.org/Genes/PEG3ID41690ch19q13.html) | 19q13.43 | PEG3 (paternally expressed 3) |
|  |  |  |
| PEL98 (Alias) | 1q21.3 | [S100A4](http://atlasgeneticsoncology.org/Genes/S100A4ID42192ch1q21.html) |
| PEP (Alias) | 9q34.3 | [PAEP](http://atlasgeneticsoncology.org/Genes/PAEPID46067ch9q34.html) |
| PEPI (Alias) | 17q21.31 | [GRN](http://atlasgeneticsoncology.org/Genes/GRNID40757ch17q21.html) |
| Perlecan (Alias) | 1p36.12 | [HSPG2](http://atlasgeneticsoncology.org/Genes/HSPG2ID40890ch1p36.html) |
| [PERP](http://atlasgeneticsoncology.org/Genes/PERPID50465ch6q23.html) | 6q23.3 | PERP (PERP, TP53 apoptosis effector) |
|  |  |  |
| PERSYN (Alias) | 10q23.2 | [SNCG](http://atlasgeneticsoncology.org/Genes/SNCGID42343ch10q23.html) |
| PETA-3 (Alias) | 11p15.5 | [CD151](http://atlasgeneticsoncology.org/Genes/CD151ID967ch11p15.html) |
| PETA3 (Alias) | 11p15.5 | [CD151](http://atlasgeneticsoncology.org/Genes/CD151ID967ch11p15.html) |
| PETA3F (Alias) | 11p15.5 | [CD151](http://atlasgeneticsoncology.org/Genes/CD151ID967ch11p15.html) |
| PEZ (Alias) | 1q41 | [PTPN14](http://atlasgeneticsoncology.org/Genes/PTPN14ID41913ch1q32.html) |
| PF4A (Alias) | 4q13.3 | [PF4V1](http://atlasgeneticsoncology.org/Genes/PF4V1ID44606ch4q13.html) |
| PF-4 (Alias) | 4q13.3 | [PF4](http://atlasgeneticsoncology.org/Genes/PF4ID41693ch4q13.html) |
| PF4-ALT (Alias) | 4q13.3 | [PF4V1](http://atlasgeneticsoncology.org/Genes/PF4V1ID44606ch4q13.html) |
| [PF4](http://atlasgeneticsoncology.org/Genes/PF4ID41693ch4q13.html) | 4q13.3 | PF4 (platelet factor 4) |
|  |  |  |
| [PF4V1](http://atlasgeneticsoncology.org/Genes/PF4V1ID44606ch4q13.html) | 4q13.3 | PF4V1 (Platelet Factor 4 Variant 1) |
|  |  |  |
| PFK2 (Alias) | 10p15.1 | [PFKFB3](http://atlasgeneticsoncology.org/Genes/PFKFB3ID45932ch10p15.html) |
| PFK-2/FBPase-2 (Alias) | 1q32.2 | [PFKFB2](http://atlasgeneticsoncology.org/Genes/PFKFB2ID52100ch1q32.html) |
| [PFKFB2](http://atlasgeneticsoncology.org/Genes/PFKFB2ID52100ch1q32.html) | 1q32.2 | PFKFB2 (6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2) |
|  |  |  |
| [PFKFB3](http://atlasgeneticsoncology.org/Genes/PFKFB3ID45932ch10p15.html) | 10p15.1 | PFKFB3 (6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3) |
|  |  |  |
| [PFKFB4](http://atlasgeneticsoncology.org/Genes/PFKFB4ID46519ch3p21.html) | 3p21.31 | PFKFB4 (6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4) |
|  |  |  |
| PFK/FBPase 4 (Alias) | 3p21.31 | [PFKFB4](http://atlasgeneticsoncology.org/Genes/PFKFB4ID46519ch3p21.html) |
| PFM1 (Alias) | 5q35.2 | [MSX2](http://atlasgeneticsoncology.org/Genes/MSX2ID41438ch5q35.html) |
| PFM (Alias) | 5q35.2 | [MSX2](http://atlasgeneticsoncology.org/Genes/MSX2ID41438ch5q35.html) |
| PGG/HS (Alias) | 1q31.1 | [PTGS2](http://atlasgeneticsoncology.org/Genes/PTGS2ID509ch1q31.html) |
| PGHS-2 (Alias) | 1q31.1 | [PTGS2](http://atlasgeneticsoncology.org/Genes/PTGS2ID509ch1q31.html) |
| PGIS (Alias) | 20q13.13 | [PTGIS](http://atlasgeneticsoncology.org/Genes/PTGISID44219ch20q13.html) |
| PG-M (Alias) | 5q14.2 | [VCAN](http://atlasgeneticsoncology.org/Genes/VCANID40173ch5q14.html) |
| Pgp1 (Alias) | 11p13 | [CD44](http://atlasgeneticsoncology.org/Genes/CD44ID980CH11p13.html) |
| PGP-1 (Alias) | 11p13 | [CD44](http://atlasgeneticsoncology.org/Genes/CD44ID980CH11p13.html) |
| PGP-I (Alias) | 11p13 | [CD44](http://atlasgeneticsoncology.org/Genes/CD44ID980CH11p13.html) |
| PGRL (Alias) | 1q23.2 | [IGSF8](http://atlasgeneticsoncology.org/Genes/IGSF8ID45820ch1q23.html) |
| PGRN (Alias) | 17q21.31 | [GRN](http://atlasgeneticsoncology.org/Genes/GRNID40757ch17q21.html) |
| PGY1 (P glycoprotein1/ multidrug resistance 1) (Alias) | 7q21.12 | [ABCB1](http://atlasgeneticsoncology.org/Genes/PGY1ID105.html) |
| PH-20 (Alias) | 7q31.32 | [SPAM1](http://atlasgeneticsoncology.org/Genes/SPAM1ID42361ch7q31.html) |
| PH20 (Alias) | 7q31.32 | [SPAM1](http://atlasgeneticsoncology.org/Genes/SPAM1ID42361ch7q31.html) |
| PHAP1 (Alias) | 15q23 | [ANP32A](http://atlasgeneticsoncology.org/Genes/ANP32AID647ch15q23.html) |
| PHAPI (Alias) | 15q23 | [ANP32A](http://atlasgeneticsoncology.org/Genes/ANP32AID647ch15q23.html) |
| PHAPII (Alias) | 9q34.11 | [SET](http://atlasgeneticsoncology.org/Genes/SETID42272ch9q34.html) |
| PHAS-I (Alias) | 8p11.23 | [EIF4EBP1](http://atlasgeneticsoncology.org/Genes/EIF4EBP1ID40432ch8p12.html) |
| PHD2 (Alias) | 1q42.2 | [EGLN1](http://atlasgeneticsoncology.org/Genes/EGLN1ID44140ch1q42.html) |
| [PHLDA1](http://atlasgeneticsoncology.org/Genes/PHLDA1ID41707ch12q15.html) | 12q21.2 | PHLDA1 (pleckstrin homology-like domain, family A, member 1) |
| PHL (Philadelphie) (Alias) | 22q11.23 | [BCR](http://atlasgeneticsoncology.org/Genes/BCRID55.html) |
| [PHLPP1](http://atlasgeneticsoncology.org/Genes/PHLPP1ID44544ch18q21.html) | 18q21.33 | PHLPP1 (PH domain leucine-rich repeat protein phosphatase 1) |
|  |  |  |
| [PHLPP2](http://atlasgeneticsoncology.org/Genes/PHLPP2ID44546ch16q22.html) | 16q22.2 | PHLPP2 (PH domain leucine-rich repeat protein phosphatase 2) |
|  |  |  |
| PHLPP (Alias) | 18q21.33 | [PHLPP1](http://atlasgeneticsoncology.org/Genes/PHLPP1ID44544ch18q21.html) |
| PHLPPL (Alias) | 16q22.2 | [PHLPP2](http://atlasgeneticsoncology.org/Genes/PHLPP2ID44546ch16q22.html) |
| PHM27 (Alias) | 6q25.2 | [VIP](http://atlasgeneticsoncology.org/Genes/VIPID44215ch6q25.html) |
| [PHOX2B](http://atlasgeneticsoncology.org/Genes/PHOX2BID126ch4p13.html) | 4p13 | PHOX2B (paired-like homeobox 2b) |
|  |  |  |
| PHP1A (Alias) | 20q13.32 | [GNAS](http://atlasgeneticsoncology.org/Genes/GNASID40727ch20q13.html) |
| PHP1B (Alias) | 20q13.32 | [GNAS](http://atlasgeneticsoncology.org/Genes/GNASID40727ch20q13.html) |
| PHP1C (Alias) | 20q13.32 | [GNAS](http://atlasgeneticsoncology.org/Genes/GNASID40727ch20q13.html) |
| PHRIP (Alias) | 12q21.2 | [PHLDA1](http://atlasgeneticsoncology.org/Genes/PHLDA1ID41707ch12q15.html) |
| PHS-2 (Alias) | 1q31.1 | [PTGS2](http://atlasgeneticsoncology.org/Genes/PTGS2ID509ch1q31.html) |
| PI3K (Alias) | 3q26.32 | [PIK3CA](http://atlasgeneticsoncology.org/Genes/PIK3CAID415ch3q26.html) |
| PI3K (Alias) | 1p36.22 | [PIK3CD](http://atlasgeneticsoncology.org/Genes/PIK3CDID46261ch1p36.html) |
| [PIAS1](http://atlasgeneticsoncology.org/Genes/PIAS1ID45688ch15q23.html) | 15q23 | PIAS1 (protein inhibitor of activated STAT, 1) |
|  |  |  |
| [PIAS3](http://atlasgeneticsoncology.org/Genes/PIAS3ID41709ch1q21.html) | 1q21.1 | PIAS3 (protein inhibitor of activated STAT, 3) |
|  |  |  |
| [PICALM](http://atlasgeneticsoncology.org/Genes/CALMID64.html) | 11q14.2 | PICALM (clathrin assembly lymphoid myeloid leukemia gene) |
|  |  |  |
| PICT-1 (Alias) | 19q13.33 | [GLTSCR2](http://atlasgeneticsoncology.org/Genes/GLTSCR2ID40723ch19q13.html) |
| PICT1 (Alias) | 19q13.33 | [GLTSCR2](http://atlasgeneticsoncology.org/Genes/GLTSCR2ID40723ch19q13.html) |
| PIDX (Alias) | Xp11.23 | [FOXP3](http://atlasgeneticsoncology.org/Genes/FOXP3ID44129chXp11.html) |
| PIG10 (Alias) | 5q13.3 | [ENC1](http://atlasgeneticsoncology.org/Genes/NRPBID40451ch5q12.html) |
| PIG21 (proliferation-inducing gene 21) (Alias) | 5q35.3 | [GNB2L1](http://atlasgeneticsoncology.org/Genes/GNB2L1ID43285ch5q35.html) |
| PIG29 (Alias) | 12p13.33 | [FOXM1](http://atlasgeneticsoncology.org/Genes/FOXM1ID40631ch12p13.html) |
| PIG8 (Alias) | 11q21 | [CEP57](http://atlasgeneticsoncology.org/Genes/CEP57ID43008ch11q21.html) |
| PIGPC1 (Alias) | 6q23.3 | [PERP](http://atlasgeneticsoncology.org/Genes/PERPID50465ch6q23.html) |
| [PIK3CA](http://atlasgeneticsoncology.org/Genes/PIK3CAID415ch3q26.html) | 3q26.32 | PIK3CA (phosphoinositide-3-kinase, catalytic, alpha polypeptide) |
|  |  |  |
| [PIK3CD](http://atlasgeneticsoncology.org/Genes/PIK3CDID46261ch1p36.html) | 1p36.22 | PIK3CD (phosphoinositide-3-kinase, catalytic, delta polypeptide) |
|  |  |  |
| [PIK3R1](http://atlasgeneticsoncology.org/Genes/PIK3R1ID41717ch5q13.html) | 5q13.1 | PIK3R1 (phosphoinositide-3-kinase, regulatory subunit 1 (alpha)) |
|  |  |  |
| [PIM1](http://atlasgeneticsoncology.org/Genes/PIM1ID261.html) | 6p21.2 | PIM1 (pim-1 oncogene) |
|  |  |  |
| PIM (Alias) | 6p21.2 | [PIM1](http://atlasgeneticsoncology.org/Genes/PIM1ID261.html) |
| PI-PLC (Alias) | 20p12.3 | [PLCB1](http://atlasgeneticsoncology.org/Genes/PLCB1ID41742ch20p12.html) |
| PIRH2 (Alias) | 4q21.1 | [RCHY1](http://atlasgeneticsoncology.org/Genes/RCHY1ID43012ch04q21.html) |
| Pit-1 (Alias) | 3p11.2 | [POU1F1](http://atlasgeneticsoncology.org/Genes/POU1F1ID46362ch3p11.html) |
| PIT1 (Alias) | 3p11.2 | [POU1F1](http://atlasgeneticsoncology.org/Genes/POU1F1ID46362ch3p11.html) |
| PIWI (Alias) | 12q24.33 | [PIWIL1](http://atlasgeneticsoncology.org/Genes/PIWIL1ID46561ch12q24.html) |
| [PIWIL1](http://atlasgeneticsoncology.org/Genes/PIWIL1ID46561ch12q24.html) | 12q24.33 | PIWIL1 (piwi-like RNA-mediated gene silencing 1) |
| PIWIL1L (Alias) | 8p21.3 | [PIWIL2](http://atlasgeneticsoncology.org/Genes/PIWIL2ID41724ch8p21.html) |
|  |  |  |
| [PIWIL2](http://atlasgeneticsoncology.org/Genes/PIWIL2ID41724ch8p21.html) | 8p21.3 | PIWIL2 (piwi-like RNA-mediated gene silencing 2) |
|  |  |  |
| PJS (Peutz-Jeghers syndrome) (Alias) | 19p13.3 | [STK11](http://atlasgeneticsoncology.org/Genes/STK11ID292.html) |
| PK2 (Alias) | 15q23 | [PKM](http://atlasgeneticsoncology.org/Genes/PKM2ID41728ch15q22.html) |
| PK3 (Alias) | 15q23 | [PKM](http://atlasgeneticsoncology.org/Genes/PKM2ID41728ch15q22.html) |
| PKB (Alias) | 14q32.33 | [AKT1](http://atlasgeneticsoncology.org/Genes/AKT1ID355ch14q32.html) |
| PKB-ALPHA (Alias) | 14q32.33 | [AKT1](http://atlasgeneticsoncology.org/Genes/AKT1ID355ch14q32.html) |
| PKBBETA (PKB beta) (Alias) | 19q13.2 | [AKT2](http://atlasgeneticsoncology.org/Genes/AKT2ID517ch19q13.html) |
| PKBB (protein kinase B, beta) (Alias) | 19q13.2 | [AKT2](http://atlasgeneticsoncology.org/Genes/AKT2ID517ch19q13.html) |
| PKBG (Alias) | 1q43 | [AKT3](http://atlasgeneticsoncology.org/Genes/AKT3ID615ch1q44.html) |
| PKCdelta (Alias) | 3p21.1 | [PRKCD](http://atlasgeneticsoncology.org/Genes/PRKCDID42901ch3p21.html) |
| PKCI (Alias) | 3q26.2 | [PRKCI](http://atlasgeneticsoncology.org/Genes/PRKCIID41857ch3q26.html) |
| PKCmu (Alias) | 14q12 | [PRKD1](http://atlasgeneticsoncology.org/Genes/PRKCMID41860ch14q11.html) |
| PKCSL (Alias) | 6q21 | [MARCKS](http://atlasgeneticsoncology.org/Genes/MARCKSID50926ch6q21.html) |
| [PKD1](http://atlasgeneticsoncology.org/Genes/PKD1ID41725ch16p13.html) | 16p13.3 | PKD1 (polycystic kidney disease 1 (autosomal dominant)) |
|  |  |  |
| PKD1 (Protein Kinase D1) (Alias) | 14q12 | [PRKD1](http://atlasgeneticsoncology.org/Genes/PRKCMID41860ch14q11.html) |
| PKM2 (Alias) | 15q23 | [PKM](http://atlasgeneticsoncology.org/Genes/PKM2ID41728ch15q22.html) |
| PKM (Alias) | 15q23 | [PKM](http://atlasgeneticsoncology.org/Genes/PKM2ID41728ch15q22.html) |
| [PKM](http://atlasgeneticsoncology.org/Genes/PKM2ID41728ch15q22.html) | 15q23 | PKM (pyruvate kinase isoenzyme type M2) |
|  |  |  |
| PKR1 (Alias) | 17q24.2 | [PRKAR1A](http://atlasgeneticsoncology.org/Genes/PRKAR1AID387.html) |
| PKR (Alias) | 2p22.2 | [EIF2AK2](http://atlasgeneticsoncology.org/Genes/EIF2AK2ID41866ch2p22.html) |
| PLA1/2-3 (Alias) | 11q12.3 | [RARRES3](http://atlasgeneticsoncology.org/Genes/RARRES3ID42051ch11q12.html) |
| PLA2 (Alias) | 1p36.13 | [PLA2G2A](http://atlasgeneticsoncology.org/Genes/PLA2G2AID41730ch1p36.html) |
| PLA2B (Alias) | 1p36.13 | [PLA2G2A](http://atlasgeneticsoncology.org/Genes/PLA2G2AID41730ch1p36.html) |
| [PLA2G2A](http://atlasgeneticsoncology.org/Genes/PLA2G2AID41730ch1p36.html) | 1p36.13 | PLA2G2A (phospholipase A2, group IIA (platelets, synovial fluid)) |
|  |  |  |
| [PLA2G4A](http://atlasgeneticsoncology.org/Genes/PLA2G4AID41733ch1q31.html) | 1q31.1 | PLA2G4A (phospholipase A2, group IVA (cytosolic, calcium-dependent)) |
| PLA2G4 (Alias) | 1q31.1 | [PLA2G4A](http://atlasgeneticsoncology.org/Genes/PLA2G4AID41733ch1q31.html) |
|  |  |  |
| PLA2L (Alias) | 1p36.13 | [PLA2G2A](http://atlasgeneticsoncology.org/Genes/PLA2G2AID41730ch1p36.html) |
| PLA2S (Alias) | 1p36.13 | [PLA2G2A](http://atlasgeneticsoncology.org/Genes/PLA2G2AID41730ch1p36.html) |
| PLAB (Alias) | 19p13.11 | [GDF15](http://atlasgeneticsoncology.org/Genes/GDF15ID40701ch19p13.html) |
| [PLAG1](http://atlasgeneticsoncology.org/Genes/PLAG1ID74.html) | 8q12.1 | PLAG1 (Pleomorphic adenoma gene 1) |
|  |  |  |
| [PLAGL1](http://atlasgeneticsoncology.org/Genes/PLAGL1ID41737ch6q24.html) | 6q24.2 | PLAGL1 (Pleomorphic adenoma gene-like 1) |
|  |  |  |
| [PLAGL2](http://atlasgeneticsoncology.org/Genes/PLAGL2ID41738ch20q11.html) | 20q11.21 | PLAGL2 (Pleomorphic adenoma gene-like 2) |
|  |  |  |
| PLAS1 (Alias) | 1p36.13 | [PLA2G2A](http://atlasgeneticsoncology.org/Genes/PLA2G2AID41730ch1p36.html) |
| [PLAUR](http://atlasgeneticsoncology.org/Genes/PLAURID41741ch19q13.html) | 19q13.31 | PLAUR (plasminogen activator, urokinase receptor) |
|  |  |  |
| PLC148 (Alias) | 20q12 | [PLCG1](http://atlasgeneticsoncology.org/Genes/PLCG1ID44163ch20q12.html) |
| PLC-154 (Alias) | 20p12.3 | [PLCB1](http://atlasgeneticsoncology.org/Genes/PLCB1ID41742ch20p12.html) |
| PLC1 (Alias) | 20q12 | [PLCG1](http://atlasgeneticsoncology.org/Genes/PLCG1ID44163ch20q12.html) |
| PLC (Alias) | 1p36.12 | [HSPG2](http://atlasgeneticsoncology.org/Genes/HSPG2ID40890ch1p36.html) |
| [PLCB1](http://atlasgeneticsoncology.org/Genes/PLCB1ID41742ch20p12.html) | 20p12.3 | PLCB1 (phospholipase C, beta 1 (phosphoinositide-specific)) |
|  |  |  |
| [PLCB2](http://atlasgeneticsoncology.org/Genes/PLCB2ID41743ch15q15.html) | 15q15.1 | PLCB2 (phospholipase C, beta 2) |
|  |  |  |
| [PLCD1](http://atlasgeneticsoncology.org/Genes/PLCD1ID43927ch3p22.html) | 3p22.2 | PLCD1 (phospholipase C, delta 1) |
|  |  |  |
| [PLCG1](http://atlasgeneticsoncology.org/Genes/PLCG1ID44163ch20q12.html) | 20q12 | PLCG1 (Phospholipase C, Gamma 1) |
|  |  |  |
| PLCgamma1 (Alias) | 20q12 | [PLCG1](http://atlasgeneticsoncology.org/Genes/PLCG1ID44163ch20q12.html) |
| PLC-I (Alias) | 20p12.3 | [PLCB1](http://atlasgeneticsoncology.org/Genes/PLCB1ID41742ch20p12.html) |
| PLC-II (Alias) | 20q12 | [PLCG1](http://atlasgeneticsoncology.org/Genes/PLCG1ID44163ch20q12.html) |
| [PLD1](http://atlasgeneticsoncology.org/Genes/PLD1ID43716ch3q26.html) | 3q26.31 | PLD1 (phospholipase D1, phosphatidylcholine-specific) |
|  |  |  |
| [PLD2](http://atlasgeneticsoncology.org/Genes/PLD2ID43849ch17p13.html) | 17p13.2 | PLD2 (phospholipase D2) |
|  |  |  |
| PLEKHE1 (Alias) | 18q21.33 | [PHLPP1](http://atlasgeneticsoncology.org/Genes/PHLPP1ID44544ch18q21.html) |
| PLEXIN-B1 (Alias) | 3p21.31 | [PLXNB1](http://atlasgeneticsoncology.org/Genes/PLXNB1ID43413ch3p21.html) |
| Plinp1 (Alias) | 19p13.2 | [GADD45GIP1](http://atlasgeneticsoncology.org/Genes/GADD45GIP1ID40668ch19p13.html) |
| PLINP-1 (Alias) | 19p13.2 | [GADD45GIP1](http://atlasgeneticsoncology.org/Genes/GADD45GIP1ID40668ch19p13.html) |
| PLINP1 (Alias) | 19p13.2 | [GADD45GIP1](http://atlasgeneticsoncology.org/Genes/GADD45GIP1ID40668ch19p13.html) |
| PLIP/Tip60b (Alias) | 11q13.1 | [KAT5](http://atlasgeneticsoncology.org/Genes/HTATIPID40893ch11q13.html) |
| [PLK1](http://atlasgeneticsoncology.org/Genes/PLK1ID41747ch16p12.html) | 16p12.2 | PLK1 (polo-like kinase 1 (Drosophila)) |
|  |  |  |
| PLK (Alias) | 16p12.2 | [PLK1](http://atlasgeneticsoncology.org/Genes/PLK1ID41747ch16p12.html) |
| PLML (Alias) | 19q13.12 | [FXYD3](http://atlasgeneticsoncology.org/Genes/FXYD3ID43704ch19q13.html) |
| PLP (Alias) | 12p11.22 | [PTHLH](http://atlasgeneticsoncology.org/Genes/PTHLHID41897ch12p11.html) |
| PLXN5 (Alias) | 3p21.31 | [PLXNB1](http://atlasgeneticsoncology.org/Genes/PLXNB1ID43413ch3p21.html) |
| [PLXNB1](http://atlasgeneticsoncology.org/Genes/PLXNB1ID43413ch3p21.html) | 3p21.31 | PLXNB1 (plexin B1) |
|  |  |  |
| PLZF (promyelocytic leukemia zinc finger) (Alias) | 11q23.2 | [ZBTB16](http://atlasgeneticsoncology.org/Genes/PLZFID37.html) |
| PME (Alias) | 21q22.3 | [CSTB](http://atlasgeneticsoncology.org/Genes/CSTBID40181ch21q22.html) |
| [PML](http://atlasgeneticsoncology.org/Genes/PMLID41.html) | 15q24.1 | PML (promyelocytic leukemia) |
|  |  |  |
| [PMS1](http://atlasgeneticsoncology.org/Genes/PMS1ID345ch2q31.html) | 2q32.2 | PMS1 (PMS1 postmeiotic segregation increased 1 (S. cerevisiae)) |
|  |  |  |
| PMSL1 (Alias) | 2q32.2 | [PMS1](http://atlasgeneticsoncology.org/Genes/PMS1ID345ch2q31.html) |
| PMX2 (Alias) | 9q34.11 | [PRRX2](http://atlasgeneticsoncology.org/Genes/PRRX2ID42897ch9q34.html) |
| PMX2B (Alias) | 4p13 | [PHOX2B](http://atlasgeneticsoncology.org/Genes/PHOX2BID126ch4p13.html) |
| PN (Alias) | 16q21 | [USB1](http://atlasgeneticsoncology.org/Genes/USB1ID44608ch16q21.html) |
| PNAS-143 (Alias) | 1q21.3 | [CKS1B](http://atlasgeneticsoncology.org/Genes/CKS1BID40092ch1q21.html) |
| PNAS-16 (Alias) | 1q21.3 | [CKS1B](http://atlasgeneticsoncology.org/Genes/CKS1BID40092ch1q21.html) |
| PNAS-18 (Alias) | 1q21.3 | [CKS1B](http://atlasgeneticsoncology.org/Genes/CKS1BID40092ch1q21.html) |
| PNAT (Alias) | 8p22 | [NAT2](http://atlasgeneticsoncology.org/Genes/NAT2ID41498ch8p22.html) |
| PNMA4 (Alias) | 14q32.12 | [MOAP1](http://atlasgeneticsoncology.org/Genes/MOAP1ID46494ch14q32.html) |
| PNP1 (Alias) | 4q21.3 | [PTPN13](http://atlasgeneticsoncology.org/Genes/PTPN13ID41912ch4q21.html) |
| PNQALRE (Alias) | 9q22.1 | [CDK20](http://atlasgeneticsoncology.org/Genes/CCRKID43196ch9q22.html) |
| PNUTL1 (peanut (drosophila)- like 1) (Alias) | 22q11.21 | [SEPT5](http://atlasgeneticsoncology.org/Genes/hCDCRel-1ID220.html) |
| Pnutl3 (Alias) | 2q37.3 | [SEPT2](http://atlasgeneticsoncology.org/Genes/SEPT2ID44125ch2q37.html) |
| PNUTL4 (Alias) | 17q25.2 | [SEPT9](http://atlasgeneticsoncology.org/Genes/MSFID208.html) |
| POB1 (Alias) | Xp22.2 | [REPS2](http://atlasgeneticsoncology.org/Genes/REPS2ID44120chXp22.html) |
| POB1 (Alias) | 17q22 | [TRIM37](http://atlasgeneticsoncology.org/Genes/TRIM37ID42703ch17q23.html) |
| POF7 (Alias) | 9q33.3 | [NR5A1](http://atlasgeneticsoncology.org/Genes/NR5A1ID45858ch9q33.html) |
| POH (Alias) | 20q13.32 | [GNAS](http://atlasgeneticsoncology.org/Genes/GNASID40727ch20q13.html) |
| P/OKcl.13 (Alias) | 9q22.31 | [WNK2](http://atlasgeneticsoncology.org/Genes/WNK2ID41867ch9q22.html) |
| [POLH](http://atlasgeneticsoncology.org/Genes/XPVID303.html) | 6p21.1 | POLH (polymerase (DNA direct), eta) |
|  |  |  |
| Pontin52 (Alias) | 3q21.3 | [RUVBL1](http://atlasgeneticsoncology.org/Genes/RUVBL1ID44415ch3q21.html) |
| PONTIN (Alias) | 3q21.3 | [RUVBL1](http://atlasgeneticsoncology.org/Genes/RUVBL1ID44415ch3q21.html) |
| PORIN (Alias) | 5q31.1 | [VDAC1](http://atlasgeneticsoncology.org/Genes/VDAC1ID50902ch5q31.html) |
| Posphoinositide-3-kinase enhancers (PIKE)-A (Alias) | 12q14.1 | [AGAP2](http://atlasgeneticsoncology.org/Genes/CENTG1ID44037ch12q14.html) |
| POU1F1a (Alias) | 3p11.2 | [POU1F1](http://atlasgeneticsoncology.org/Genes/POU1F1ID46362ch3p11.html) |
| [POU1F1](http://atlasgeneticsoncology.org/Genes/POU1F1ID46362ch3p11.html) | 3p11.2 | POU1F1 (POU class 1 homeobox 1) |
|  |  |  |
| [POU2AF1](http://atlasgeneticsoncology.org/Genes/OBFID94.html) | 11q23.1 | POU2AF1 (POU domain, class 2, associating factor 1) |
|  |  |  |
| [POU3F2](http://atlasgeneticsoncology.org/Genes/POU3F2ID45747ch6q16.html) | 6q16.1 | POU3F2 (POU class 3 homeobox 2) |
|  |  |  |
| [POU4F1](http://atlasgeneticsoncology.org/Genes/POU4F1ID44173ch13q31.html) | 13q31.1 | POU4F1 (POU class 4 homeobox 1) |
|  |  |  |
| [POU6F2](http://atlasgeneticsoncology.org/Genes/POU6F2ID42963ch7p14.html) | 7p14.1 | POU6F2 (POU domain, class 6, transcription factor 2) |
|  |  |  |
| POUF3 (Alias) | 6q16.1 | [POU3F2](http://atlasgeneticsoncology.org/Genes/POU3F2ID45747ch6q16.html) |
| PP13187 (Alias) | 15q25.1 | [RASGRF1](http://atlasgeneticsoncology.org/Genes/RASGRF1ID43453ch15q25.html) |
| PP14 (Alias) | 9q34.3 | [PAEP](http://atlasgeneticsoncology.org/Genes/PAEPID46067ch9q34.html) |
| PP17 (Alias) | 1p36.11 | [STMN1](http://atlasgeneticsoncology.org/Genes/STMN1ID42443ch1p36.html) |
| PP19 (Alias) | 1p36.11 | [STMN1](http://atlasgeneticsoncology.org/Genes/STMN1ID42443ch1p36.html) |
| PP2A (Alias) | 9q34.11 | [PPP2R4](http://atlasgeneticsoncology.org/Genes/PPP2R4ID41817ch9q34.html) |
| PP2C delta (PP2Cd) (Alias) | 17q23.2 | [PPM1D](http://atlasgeneticsoncology.org/Genes/PPM1DID41803ch17q23.html) |
| PP32 (Alias) | 15q23 | [ANP32A](http://atlasgeneticsoncology.org/Genes/ANP32AID647ch15q23.html) |
| PP90RSK4 (Alias) | Xq21.1 | [RPS6KA6](http://atlasgeneticsoncology.org/Genes/RPS6KA6ID43481chXq21.html) |
| PP9284 (Alias) | 21q22.3 | [TMPRSS2](http://atlasgeneticsoncology.org/Genes/TMPRSS2ID42592ch21q22.html) |
| PPAC (Alias) | 6q21 | [WISP3](http://atlasgeneticsoncology.org/Genes/WISP3ID469ch6q22.html) |
| PPARB (Alias) | 6p21.31 | [PPARD](http://atlasgeneticsoncology.org/Genes/PPARDID41794ch6p21.html) |
| PPAR-beta (Alias) | 6p21.31 | [PPARD](http://atlasgeneticsoncology.org/Genes/PPARDID41794ch6p21.html) |
| PPAR-delta (Alias) | 6p21.31 | [PPARD](http://atlasgeneticsoncology.org/Genes/PPARDID41794ch6p21.html) |
| [PPARD](http://atlasgeneticsoncology.org/Genes/PPARDID41794ch6p21.html) | 6p21.31 | PPARD (peroxisome proliferator-activated receptor delta) |
|  |  |  |
| PPARG1 (Alias) | 3p25.2 | [PPARG](http://atlasgeneticsoncology.org/Genes/PPARGID383ch3p25.html) |
| PPARG2 (Alias) | 3p25.2 | [PPARG](http://atlasgeneticsoncology.org/Genes/PPARGID383ch3p25.html) |
| PPAR-gamma (Alias) | 3p25.2 | [PPARG](http://atlasgeneticsoncology.org/Genes/PPARGID383ch3p25.html) |
| [PPARG](http://atlasgeneticsoncology.org/Genes/PPARGID383ch3p25.html) | 3p25.2 | PPARG (peroxisome proliferator-activated receptor gamma) |
|  |  |  |
| PPD (Alias) | 6q21 | [WISP3](http://atlasgeneticsoncology.org/Genes/WISP3ID469ch6q22.html) |
| PPH (Alias) | 1p36.23 | [ENO1](http://atlasgeneticsoncology.org/Genes/ENO1ID40453ch1p36.html) |
| PPIase (Alias) | 6p21.31 | [FKBP5](http://atlasgeneticsoncology.org/Genes/FKBP5ID40578ch6p21.html) |
| [PPM1D](http://atlasgeneticsoncology.org/Genes/PPM1DID41803ch17q23.html) | 17q23.2 | PPM1D (protein phosphatase 1D magnesium-dependent, delta isoform) |
|  |  |  |
| PPNAD2 (Alias) | 2q31.2 | [PDE11A](http://atlasgeneticsoncology.org/Genes/PDE11AID44448ch2q31.html) |
| PPP1R13A (Alias) | 1q41 | [TP53BP2](http://atlasgeneticsoncology.org/Genes/TP53BP2ID42667ch1q42.html) |
| [PPP1R13L](http://atlasgeneticsoncology.org/Genes/PPP1R13LID42997ch19q13.html) | 19q13.32 | PPP1R13L (protein phosphatase 1, regulatory (inhibitor) subunit 13 like) |
|  |  |  |
| [PPP1R1B](http://atlasgeneticsoncology.org/Genes/PPP1R1BID44096ch17q12.html) | 17q12 | PPP1R1B (protein phosphatase 1, regulatory (inhibitor) subunit 1B (dopamine and cAMP regulated phosphoprotein, DARPP-32)) |
|  |  |  |
| PPP1R48 (Alias) | 17p13.1 | [AURKB](http://atlasgeneticsoncology.org/Genes/AURKBID731ch17p13.html) |
| PPP1R5 (Alias) | 15q15.1 | [CASC5](http://atlasgeneticsoncology.org/Genes/AF15q14ID318.html) |
| PPP1R6 (Alias) | 17q21.33 | [PPP1R9B](http://atlasgeneticsoncology.org/Genes/PPP1R9BID51558ch17q21.html) |
| [PPP1R8](http://atlasgeneticsoncology.org/Genes/PPP1R8ID41811ch1p35.html) | 1p35.3 | PPP1R8 (protein phosphatase 1, regulatory (inhibitor) subunit 8) |
|  |  |  |
| PPP1R9 (Alias) | 17q21.33 | [PPP1R9B](http://atlasgeneticsoncology.org/Genes/PPP1R9BID51558ch17q21.html) |
| [PPP1R9B](http://atlasgeneticsoncology.org/Genes/PPP1R9BID51558ch17q21.html) | 17q21.33 | PPP1R9B (protein phosphatase 1, regulatory subunit 9B) |
|  |  |  |
| [PPP2R4](http://atlasgeneticsoncology.org/Genes/PPP2R4ID41817ch9q34.html) | 9q34.11 | PPP2R4 (protein phosphatase 2A activator, regulatory subunit 4) |
|  |  |  |
| PPT (Alias) | 7q21.3 | [TAC1](http://atlasgeneticsoncology.org/Genes/TAC1ID44483ch7q21.html) |
| PR22 (Alias) | 1p36.11 | [STMN1](http://atlasgeneticsoncology.org/Genes/STMN1ID42443ch1p36.html) |
| PR53 (Alias) | 9q34.11 | [PPP2R4](http://atlasgeneticsoncology.org/Genes/PPP2R4ID41817ch9q34.html) |
| PRAD1 (parathyroid adenomatosis 1) (Alias) | 11q13.3 | [CCND1](http://atlasgeneticsoncology.org/Genes/BCL1ID36.html) |
| [PRAME](http://atlasgeneticsoncology.org/Genes/PRAMEID41828ch22q11.html) | 22q11.22 | PRAME (Preferentially Expressed Antigen In Melanoma) |
|  |  |  |
| PRB2 (Alias) | 16q12.2 | [RBL2](http://atlasgeneticsoncology.org/Genes/RBL2ID443.html) |
| PRCAN (Alias) | 1p36.12 | [HSPG2](http://atlasgeneticsoncology.org/Genes/HSPG2ID40890ch1p36.html) |
| [PRCC](http://atlasgeneticsoncology.org/Genes/PRCCID69.html) | 1q23.1 | PRCC (papillary renal cell carcinoma) |
|  |  |  |
| PRDI-BF1 (Alias) | 6q21 | [PRDM1](http://atlasgeneticsoncology.org/Genes/PRDM1ID41831ch6q21.html) |
| [PRDM16](http://atlasgeneticsoncology.org/Genes/PRDM16MEL1ID408.html) | 1p36.32 | PRDM16 (PR domain containing 16) |
|  |  |  |
| [PRDM1](http://atlasgeneticsoncology.org/Genes/PRDM1ID41831ch6q21.html) | 6q21 | PRDM1 (PR domain containing 1, with ZNF domain) |
|  |  |  |
| [PRDM2](http://atlasgeneticsoncology.org/Genes/PRDM2ID41834ch1p36.html) | 1p36.21 | PRDM2 (PR domain containing 2, with ZNF domain) |
|  |  |  |
| PRDM3 (Alias) | 3q26.2 | [MECOM](http://atlasgeneticsoncology.org/Genes/EVI103q26ID19.html) |
| PR-domain zinc finger protein 16 (Alias) | 1p36.32 | [PRDM16](http://atlasgeneticsoncology.org/Genes/PRDM16MEL1ID408.html) |
| [PRDX1](http://atlasgeneticsoncology.org/Genes/PAGID266.html) | 1p34.1 | PRDX1 (peroxiredoxin 1) |
|  |  |  |
| [PRDX4](http://atlasgeneticsoncology.org/Genes/PRDX4ID50280chXp22.html) | Xp22.11 | PRDX4 (peroxiredoxin 4) |
|  |  |  |
| PRG1 (Alias) | 6p21.33 | [IER3](http://atlasgeneticsoncology.org/Genes/IER3ID40919ch6p21.html) |
| PRG3 (Alias) | 10q22.1 | [AIFM2](http://atlasgeneticsoncology.org/Genes/AIFM2ID41842ch10q22.html) |
| PRG6 (Alias) | 19p13.2 | [GADD45GIP1](http://atlasgeneticsoncology.org/Genes/GADD45GIP1ID40668ch19p13.html) |
| PRKA9 (Alias) | 7q21.2 | [AKAP9](http://atlasgeneticsoncology.org/Genes/AKAP9ID42999ch7q21.html) |
| [PRKAB1](http://atlasgeneticsoncology.org/Genes/PRKAB1ID44100ch12q24.html) | 12q24.23 | PRKAB1 (protein kinase, AMP-activated, beta 1 non-catalytic subunit) |
|  |  |  |
| [PRKAR1A](http://atlasgeneticsoncology.org/Genes/PRKAR1AID387.html) | 17q24.2 | PRKAR1A (protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue specific extinguisher 1)) |
| PRKAR1 (Alias) | 17q24.2 | [PRKAR1A](http://atlasgeneticsoncology.org/Genes/PRKAR1AID387.html) |
|  |  |  |
| PRKBA (Alias) | 14q32.33 | [AKT1](http://atlasgeneticsoncology.org/Genes/AKT1ID355ch14q32.html) |
| PRKBG (Alias) | 1q43 | [AKT3](http://atlasgeneticsoncology.org/Genes/AKT3ID615ch1q44.html) |
| PRKCBP2 (Alias) | 21q22.11 | [OLIG2](http://atlasgeneticsoncology.org/Genes/OLIG2ID236.html) |
| [PRKCD](http://atlasgeneticsoncology.org/Genes/PRKCDID42901ch3p21.html) | 3p21.1 | PRKCD (protein kinase C, delta) |
|  |  |  |
| [PRKCI](http://atlasgeneticsoncology.org/Genes/PRKCIID41857ch3q26.html) | 3q26.2 | PRKCI (protein kinase C, iota) |
|  |  |  |
| PRKCM (Alias) | 14q12 | [PRKD1](http://atlasgeneticsoncology.org/Genes/PRKCMID41860ch14q11.html) |
| PRKCSL (Alias) | 6q21 | [MARCKS](http://atlasgeneticsoncology.org/Genes/MARCKSID50926ch6q21.html) |
| [PRKD1](http://atlasgeneticsoncology.org/Genes/PRKCMID41860ch14q11.html) | 14q12 | PRKD1 (Protein Kinase D1) |
|  |  |  |
| PRKM12 (Alias) | 22q13.33 | [MAPK12](http://atlasgeneticsoncology.org/Genes/MAPK12ID41290ch22q13.html) |
| PRKM13 (Alias) | 6p21.31 | [MAPK13](http://atlasgeneticsoncology.org/Genes/MAPK13ID41291ch6p21.html) |
| PRKM14 (Alias) | 6p21.31 | [MAPK14](http://atlasgeneticsoncology.org/Genes/MAPK14ID41292ch6p21.html) |
| PRKM15 (Alias) | 6p21.31 | [MAPK14](http://atlasgeneticsoncology.org/Genes/MAPK14ID41292ch6p21.html) |
| PRKM1 (Alias) | 22q11.21 | [MAPK1](http://atlasgeneticsoncology.org/Genes/MAPK1ID41288ch22q11.html) |
| PRKM2 (Alias) | 22q11.21 | [MAPK1](http://atlasgeneticsoncology.org/Genes/MAPK1ID41288ch22q11.html) |
| PRKM3 (Alias) | 16p11.2 | [MAPK3](http://atlasgeneticsoncology.org/Genes/MAPK3ID425ch16p11.html) |
| PRKM4 (Alias) | 18q21.1 | [MAPK4](http://atlasgeneticsoncology.org/Genes/MAPK4ID41293ch18q21.html) |
| PRKM6 (Alias) | 15q21.2 | [MAPK6](http://atlasgeneticsoncology.org/Genes/MAPK6ID43349ch15q21.html) |
| PRKM7 (Alias) | 17p11.2 | [MAPK7](http://atlasgeneticsoncology.org/Genes/MAPK7ID41294ch17p11.html) |
| PRKMK4 (Alias) | 17p12 | [MAP2K4](http://atlasgeneticsoncology.org/Genes/MAP2K4ID244ch17p12.html) |
| PRKR, (Alias) | 2p22.2 | [EIF2AK2](http://atlasgeneticsoncology.org/Genes/EIF2AK2ID41866ch2p22.html) |
| PRKWNK2 (Alias) | 9q22.31 | [WNK2](http://atlasgeneticsoncology.org/Genes/WNK2ID41867ch9q22.html) |
| PRL (Alias) | 1q23.3 | [PBX1](http://atlasgeneticsoncology.org/Genes/PBX1ID2.html) |
| PRL-R (Alias) | 5p13.2 | [PRLR](http://atlasgeneticsoncology.org/Genes/PRLRID42891ch5p14.html) |
| [PRLR](http://atlasgeneticsoncology.org/Genes/PRLRID42891ch5p14.html) | 5p13.2 | PRLR (prolactin receptor) |
|  |  |  |
| PrLZ (Alias) | 8q21.13 | [TPD52](http://atlasgeneticsoncology.org/Genes/TPD52ID42676ch8q21.html) |
| PRMT9 (Alias) | 2p16.3 | [FBXO11](http://atlasgeneticsoncology.org/Genes/FBXO11ID52605ch2p16.html) |
| [PRND](http://atlasgeneticsoncology.org/Genes/PRNDID44172ch20p13.html) | 20p13 | PRND (Prion Protein 2 (Dublet)) |
|  |  |  |
| PRO0518 (Alias) | 14q32.2 | [MEG3](http://atlasgeneticsoncology.org/Genes/MEG3ID44393ch14q32.html) |
| PRO0593 (Alias) | 7q34 | [HIPK2](http://atlasgeneticsoncology.org/Genes/HIPK2ID40824ch7q34.html) |
| PRO0618 (Alias) | 4q35.1 | [SORBS2](http://atlasgeneticsoncology.org/Genes/SORBS2ID693ch4q35.html) |
| PRO0989 (Alias) | 20q11.22 | [ERGIC3](http://atlasgeneticsoncology.org/Genes/ERGIC3ID42222ch20q11.html) |
| PRO1291 (Alias) | 1p13.1 | [VTCN1](http://atlasgeneticsoncology.org/Genes/VTCN1ID44144ch1p13.html) |
| PRO1384 (Alias) | 12p13.2 | [CLEC1B](http://atlasgeneticsoncology.org/Genes/CLEC1BID49856ch12p13.html) |
| PRO1779 (Alias) | 1q41 | [CENPF](http://atlasgeneticsoncology.org/Genes/CENPFID40057ch1q41.html) |
| PRO1843 (Alias) | 12q13.13 | [EIF4B](http://atlasgeneticsoncology.org/Genes/EIF4BID53571ch12q13.html) |
| PRO1996 (Alias) | 4q21.1 | [RCHY1](http://atlasgeneticsoncology.org/Genes/RCHY1ID43012ch04q21.html) |
| PRO2047 (Alias) | 1p35.3 | [PPP1R8](http://atlasgeneticsoncology.org/Genes/PPP1R8ID41811ch1p35.html) |
| PRO2160 (Alias) | 14q32.2 | [MEG3](http://atlasgeneticsoncology.org/Genes/MEG3ID44393ch14q32.html) |
| PRO232 (Alias) | 8q24.3 | [PSCA](http://atlasgeneticsoncology.org/Genes/PSCAID41881ch8q24.html) |
| PRO2521 (Alias) | 17q12 | [GSDMB](http://atlasgeneticsoncology.org/Genes/GSDMBID43972ch17q12.html) |
| PRO2975 (Alias) | 5q32 | [CSNK1A1](http://atlasgeneticsoncology.org/Genes/CSNK1A1ID40168ch5q32.html) |
| PRO4389 (Alias) | 5p13.3 | [ADAMTS12](http://atlasgeneticsoncology.org/Genes/ADAMTS12ID575ch5p13.html) |
| PRO6241 (Alias) | 19q13.12 | [FXYD5](http://atlasgeneticsoncology.org/Genes/FXYD5ID40652ch19q13.html) |
| Prostase (Alias) | 19q13.41 | [KLK4](http://atlasgeneticsoncology.org/Genes/KLK4ID41084ch19q13.html) |
| PROSTASIN (Alias) | 16p11.2 | [PRSS8](http://atlasgeneticsoncology.org/Genes/PRSS8ID41880ch16p11.html) |
| Protease Inhibitor 5, PI5 (Alias) | 18q21.33 | [SERPINB5](http://atlasgeneticsoncology.org/Genes/SerpinB5ID42267.html) |
| Proto-IDO (Alias) | 8p11.21 | [IDO2](http://atlasgeneticsoncology.org/Genes/IDO2ID44387ch8p11.html) |
| PROXY1 (Alias) | 8q24.22 | [NDRG1](http://atlasgeneticsoncology.org/Genes/NDRG1ID41512ch8q24.html) |
| PrPLP (Alias) | 20p13 | [PRND](http://atlasgeneticsoncology.org/Genes/PRNDID44172ch20p13.html) |
| PRR4 (Alias) | 1q23.3 | [PVRL4](http://atlasgeneticsoncology.org/Genes/PVRL4ID44141ch1q23.html) |
| [PRRX2](http://atlasgeneticsoncology.org/Genes/PRRX2ID42897ch9q34.html) | 9q34.11 | PRRX2 (paired related homeobox 2) |
|  |  |  |
| PRSN (Alias) | 10q23.2 | [SNCG](http://atlasgeneticsoncology.org/Genes/SNCGID42343ch10q23.html) |
| Prsp (Alias) | 4p16.1 | [HTRA3](http://atlasgeneticsoncology.org/Genes/HTRA3ID45757ch4p16.html) |
| PRSS10 (Alias) | 21q22.3 | [TMPRSS2](http://atlasgeneticsoncology.org/Genes/TMPRSS2ID42592ch21q22.html) |
| PRSS11 (Alias) | 10q26.13 | [HTRA1](http://atlasgeneticsoncology.org/Genes/HTRA1ID41877ch10q26.html) |
| PRSS17 (Alias) | 19q13.41 | [KLK4](http://atlasgeneticsoncology.org/Genes/KLK4ID41084ch19q13.html) |
| PRSS19 (Alias) | 19q13.41 | [KLK8](http://atlasgeneticsoncology.org/Genes/KLK8ID41088ch19q13.html) |
| PRSS20 (Alias) | 19q13.41 | [KLK11](http://atlasgeneticsoncology.org/Genes/KLK11ID41077ch19q13.html) |
| PRSS24 (Alias) | 7q21.13 | [STEAP1](http://atlasgeneticsoncology.org/Genes/STEAP1ID44482ch7q21.html) |
| PRSS25 (Alias) | 2p13.1 | [HTRA2](http://atlasgeneticsoncology.org/Genes/HTRA2ID41879ch2p13.html) |
| PRSS6 (Alias) | 19q13.41 | [KLK7](http://atlasgeneticsoncology.org/Genes/KLK7ID41087ch19q13.html) |
| [PRSS8](http://atlasgeneticsoncology.org/Genes/PRSS8ID41880ch16p11.html) | 16p11.2 | PRSS8 (protease, serine, 8) |
|  |  |  |
| PRSSL1 (Alias) | 19q13.41 | [KLK10](http://atlasgeneticsoncology.org/Genes/KLK10ID41076ch19q13.html) |
| PRTH (Alias) | 3p24.2 | [THRB](http://atlasgeneticsoncology.org/Genes/THRBID42554ch3p24.html) |
| [PRUNE](http://atlasgeneticsoncology.org/Genes/PRUNEID40895ch1q21.html) | 1q21.3 | PRUNE (prune exopolyphosphatase) |
|  |  |  |
| PRX1 (Alias) | 1p34.1 | [PRDX1](http://atlasgeneticsoncology.org/Genes/PAGID266.html) |
| Prx-1 (peroxiredoxin 1) (Alias) | 1p34.1 | [PRDX1](http://atlasgeneticsoncology.org/Genes/PAGID266.html) |
| PRX2 (Alias) | 9q34.11 | [PRRX2](http://atlasgeneticsoncology.org/Genes/PRRX2ID42897ch9q34.html) |
| PRX-4 (Alias) | Xp22.11 | [PRDX4](http://atlasgeneticsoncology.org/Genes/PRDX4ID50280chXp22.html) |
| PS2 (Alias) | 1q42.13 | [PSEN2](http://atlasgeneticsoncology.org/Genes/PSEN2ID41883ch1q42.html) |
| [PSAP](http://atlasgeneticsoncology.org/Genes/PSAPID42980ch10q22.html) | 10q22.1 | PSAP (Prosaposin (variant Gaucher disease and variant metachromatic leukodystrophy)) |
|  |  |  |
| [PSCA](http://atlasgeneticsoncology.org/Genes/PSCAID41881ch8q24.html) | 8q24.3 | PSCA (Prostate stem cell antigen) |
|  |  |  |
| PSCP (Alias) | 17q21.31 | [BRCA1](http://atlasgeneticsoncology.org/Genes/BRCA1ID163ch17q21.html) |
| PSCTK1 (Alias) | Xq22.1 | [BTK](http://atlasgeneticsoncology.org/Genes/BTKID851chXq22.html) |
| PSCTK2 (Alias) | 5q33.3 | [ITK](http://atlasgeneticsoncology.org/Genes/ITKID43329ch5q33.html) |
| [PSEN2](http://atlasgeneticsoncology.org/Genes/PSEN2ID41883ch1q42.html) | 1q42.13 | PSEN2 (presenilin 2 (Alzheimer disease 4)) |
|  |  |  |
| PSF (PTB-associated splicing factor) (Alias) | 1p34.3 | [SFPQ](http://atlasgeneticsoncology.org/Genes/PSFID167.html) |
| [PSIP1](http://atlasgeneticsoncology.org/Genes/PSIP1ID405ch9q22.html) | 9p22.3 | PSIP1 (PC4 and SFRS1 interacting protein 1) |
|  |  |  |
| PSK-J3 (Alias) | 12q14.1 | [CDK4](http://atlasgeneticsoncology.org/Genes/CDK4ID238ch12q14.html) |
| PSOR1 (Alias) | 1q21.3 | [S100A7](http://atlasgeneticsoncology.org/Genes/S100A7ID42194ch1q21.html) |
| PSR1 (Alias) | 3p22.2 | [CTDSPL](http://atlasgeneticsoncology.org/Genes/CTDSPLID40189ch3p22.html) |
| PSTS (Alias) | 19q13.41 | [KLK4](http://atlasgeneticsoncology.org/Genes/KLK4ID41084ch19q13.html) |
| PTB-1 (Alias) | 19p13.3 | [PTBP1](http://atlasgeneticsoncology.org/Genes/PTBP1ID46504ch19p13.html) |
| PTB2 (Alias) | 19p13.3 | [PTBP1](http://atlasgeneticsoncology.org/Genes/PTBP1ID46504ch19p13.html) |
| PTB3 (Alias) | 19p13.3 | [PTBP1](http://atlasgeneticsoncology.org/Genes/PTBP1ID46504ch19p13.html) |
| PTB4 (Alias) | 19p13.3 | [PTBP1](http://atlasgeneticsoncology.org/Genes/PTBP1ID46504ch19p13.html) |
| PTB (Alias) | 19p13.3 | [PTBP1](http://atlasgeneticsoncology.org/Genes/PTBP1ID46504ch19p13.html) |
| [PTBP1](http://atlasgeneticsoncology.org/Genes/PTBP1ID46504ch19p13.html) | 19p13.3 | PTBP1 (polypyrimidine tract binding protein 1) |
|  |  |  |
| PTB-T (Alias) | 19p13.3 | [PTBP1](http://atlasgeneticsoncology.org/Genes/PTBP1ID46504ch19p13.html) |
| PTC2 (Alias) | 1p34.1 | [PTCH2](http://atlasgeneticsoncology.org/Genes/PTCH2ID41892ch1p34.html) |
| PTC3 (Alias) | 10q11.23 | [NCOA4](http://atlasgeneticsoncology.org/Genes/NCOA4ID218ch10q11.html) |
| PTC6 (Alias) | 7q33 | [TRIM24](http://atlasgeneticsoncology.org/Genes/TRIM24ID504ch7q34.html) |
| PTC, but this term was confusing with (Alias) | 9q22.32 | [PTCH1](http://atlasgeneticsoncology.org/Genes/PTCHID100.html) |
| [PTCH1](http://atlasgeneticsoncology.org/Genes/PTCHID100.html) | 9q22.32 | PTCH1 patched homolog 1 (Drosophila) |
|  |  |  |
| [PTCH2](http://atlasgeneticsoncology.org/Genes/PTCH2ID41892ch1p34.html) | 1p34.1 | PTCH2 (patched homolog 2 (Drosophila)) |
|  |  |  |
| PTCH (Alias) | 9q22.32 | [PTCH1](http://atlasgeneticsoncology.org/Genes/PTCHID100.html) |
| [PTEN](http://atlasgeneticsoncology.org/Genes/PTENID158.html) | 10q23.31 | PTEN (Phosphatase and Tensin homolog deleted on chromosome Ten) |
|  |  |  |
| Ptg-10 (Alias) | 6p21.31 | [FKBP5](http://atlasgeneticsoncology.org/Genes/FKBP5ID40578ch6p21.html) |
| PTGFB (Alias) | 19p13.11 | [GDF15](http://atlasgeneticsoncology.org/Genes/GDF15ID40701ch19p13.html) |
| PTGF-β (Alias) | 19p13.11 | [GDF15](http://atlasgeneticsoncology.org/Genes/GDF15ID40701ch19p13.html) |
| PTGI (Alias) | 20q13.13 | [PTGIS](http://atlasgeneticsoncology.org/Genes/PTGISID44219ch20q13.html) |
| [PTGIS](http://atlasgeneticsoncology.org/Genes/PTGISID44219ch20q13.html) | 20q13.13 | PTGIS (prostaglandin I2 (prostacyclin) synthase) |
|  |  |  |
| [PTGS2](http://atlasgeneticsoncology.org/Genes/PTGS2ID509ch1q31.html) | 1q31.1 | PTGS2 (prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)) |
|  |  |  |
| [PTHLH](http://atlasgeneticsoncology.org/Genes/PTHLHID41897ch12p11.html) | 12p11.22 | PTHLH (parathyroid hormone-like hormone) |
|  |  |  |
| PTHR (Alias) | 12p11.22 | [PTHLH](http://atlasgeneticsoncology.org/Genes/PTHLHID41897ch12p11.html) |
| PTHRP (Alias) | 12p11.22 | [PTHLH](http://atlasgeneticsoncology.org/Genes/PTHLHID41897ch12p11.html) |
| PTI1 (Alias) | 6q13 | [EEF1A1](http://atlasgeneticsoncology.org/Genes/EEF1A1ID40407ch6q13.html) |
| [PTK2](http://atlasgeneticsoncology.org/Genes/PTK2ID41898ch8q24.html) | 8q24.3 | PTK2 (PTK2 protein tyrosine kinase 2) |
|  |  |  |
| PTK3A (Alias) | 6p21.33 | [DDR1](http://atlasgeneticsoncology.org/Genes/DDR1ID40280ch6p21.html) |
| PTK3 (Alias) | 6p21.33 | [DDR1](http://atlasgeneticsoncology.org/Genes/DDR1ID40280ch6p21.html) |
| [PTK6](http://atlasgeneticsoncology.org/Genes/PTK6ID41900ch20q13.html) | 20q13.33 | PTK6 (protein tyrosine kinase 6) |
|  |  |  |
| [PTK7](http://atlasgeneticsoncology.org/Genes/PTK7ID41901ch6p21.html) | 6p21.1 | PTK7 (PTK7 protein tyrosine kinase 7) |
|  |  |  |
| [PTMA](http://atlasgeneticsoncology.org/Genes/PTMAID44094ch2q37.html) | 2q37.1 | PTMA (prothymosin, alpha) |
|  |  |  |
| [PTN](http://atlasgeneticsoncology.org/Genes/PTNID41904ch7q33.html) | 7q33 | PTN (pleiotrophin) |
|  |  |  |
| PTP1B (Alias) | 20q13.13 | [PTPN1](http://atlasgeneticsoncology.org/Genes/PTPN1ID41909ch20q13.html) |
| PTP-1C (Alias) |  | [PTPN6](http://atlasgeneticsoncology.org/Genes/PTPN6ID41920ch12p13.html) |
| PTP1E (Alias) | 4q21.3 | [PTPN13](http://atlasgeneticsoncology.org/Genes/PTPN13ID41912ch4q21.html) |
| PTP2C (Protein tyrosine phosphatase 2C) (Alias) | 12q24.13 | [PTPN11](http://atlasgeneticsoncology.org/Genes/PTPN11ID41910ch12q24.html) |
| PTP36 (Alias) | 1q41 | [PTPN14](http://atlasgeneticsoncology.org/Genes/PTPN14ID41913ch1q32.html) |
| PTPA (Alias) | 9q34.11 | [PPP2R4](http://atlasgeneticsoncology.org/Genes/PPP2R4ID41817ch9q34.html) |
| PTPA (Alias) | 20p13 | [PTPRA](http://atlasgeneticsoncology.org/Genes/PTPRAID41923ch20p13.html) |
| PTP-BAS (Alias) | 4q21.3 | [PTPN13](http://atlasgeneticsoncology.org/Genes/PTPN13ID41912ch4q21.html) |
| PTP-BL (Alias) | 4q21.3 | [PTPN13](http://atlasgeneticsoncology.org/Genes/PTPN13ID41912ch4q21.html) |
| PTPBR7 (Alias) | 12q15 | [PTPRR](http://atlasgeneticsoncology.org/Genes/PTPRRID41937ch12q15.html) |
| PTPD1 (Alias) | 14q31.3 | [PTPN21](http://atlasgeneticsoncology.org/Genes/PTPN21ID41916ch14q21.html) |
| PTPD (Alias) | 9p24.1 | [PTPRD](http://atlasgeneticsoncology.org/Genes/PTPRDID41927ch9p23.html) |
| PTP-E1 (Alias) | 4q21.3 | [PTPN13](http://atlasgeneticsoncology.org/Genes/PTPN13ID41912ch4q21.html) |
| PTPG (Alias) | 3p14.2 | [PTPRG](http://atlasgeneticsoncology.org/Genes/PTPRGID41930ch3p21.html) |
| PTPL1 (Alias) | 4q21.3 | [PTPN13](http://atlasgeneticsoncology.org/Genes/PTPN13ID41912ch4q21.html) |
| PTPLE (Alias) | 4q21.3 | [PTPN13](http://atlasgeneticsoncology.org/Genes/PTPN13ID41912ch4q21.html) |
| PTPN10 (Alias) | 5q35.1 | [DUSP1](http://atlasgeneticsoncology.org/Genes/DUSP1ID40371ch5q35.html) |
| [PTPN11](http://atlasgeneticsoncology.org/Genes/PTPN11ID41910ch12q24.html) | 12q24.13 | PTPN11 (Protein tyrosine phosphatase, non-receptor type, 11) |
|  |  |  |
| [PTPN13](http://atlasgeneticsoncology.org/Genes/PTPN13ID41912ch4q21.html) | 4q21.3 | PTPN13 (Protein tyrosine phosphatase, non-receptor type 13) |
|  |  |  |
| [PTPN14](http://atlasgeneticsoncology.org/Genes/PTPN14ID41913ch1q32.html) | 1q41 | PTPN14 (protein tyrosine phosphatase, non-receptor type 14) |
|  |  |  |
| [PTPN1](http://atlasgeneticsoncology.org/Genes/PTPN1ID41909ch20q13.html) | 20q13.13 | PTPN1 (protein tyrosine phosphatase, non-receptor type 1) |
|  |  |  |
| [PTPN21](http://atlasgeneticsoncology.org/Genes/PTPN21ID41916ch14q21.html) | 14q31.3 | PTPN21 (protein tyrosine phosphatase, non-receptor type 21) |
|  |  |  |
| [PTPN6](http://atlasgeneticsoncology.org/Genes/PTPN6ID41920ch12p13.html) |  | PTPN6 (protein tyrosine phosphatase, non-receptor type 6) |
|  |  |  |
| [PTPN7](http://atlasgeneticsoncology.org/Genes/PTPN7ID41921ch1q32.html) | 1q32.1 | PTPN7 (protein tyrosine phosphatase, non-receptor type 7) |
|  |  |  |
| PTPNI (Alias) | 1q32.1 | [PTPN7](http://atlasgeneticsoncology.org/Genes/PTPN7ID41921ch1q32.html) |
| [PTPRA](http://atlasgeneticsoncology.org/Genes/PTPRAID41923ch20p13.html) | 20p13 | PTPRA (protein tyrosine phosphatase, receptor type, A) |
|  |  |  |
| [PTPRD](http://atlasgeneticsoncology.org/Genes/PTPRDID41927ch9p23.html) | 9p24.1 | PTPRD (protein tyrosine phosphatase, receptor type, D) |
|  |  |  |
| [PTPRG](http://atlasgeneticsoncology.org/Genes/PTPRGID41930ch3p21.html) | 3p14.2 | PTPRG (protein tyrosine phosphatase, receptor type, G) |
|  |  |  |
| [PTPRJ](http://atlasgeneticsoncology.org/Genes/PTPRJID41932ch11p11.html) | 11p11.2 | PTPRJ (protein tyrosine phosphatase, receptor type, J) |
|  |  |  |
| PTPRL10 (Alias) | 14q31.3 | [PTPN21](http://atlasgeneticsoncology.org/Genes/PTPN21ID41916ch14q21.html) |
| PTPRL2 (Alias) | 20p13 | [PTPRA](http://atlasgeneticsoncology.org/Genes/PTPRAID41923ch20p13.html) |
| PTPRQ (Alias) | 12q15 | [PTPRR](http://atlasgeneticsoncology.org/Genes/PTPRRID41937ch12q15.html) |
| [PTPRR](http://atlasgeneticsoncology.org/Genes/PTPRRID41937ch12q15.html) | 12q15 | PTPRR (protein tyrosine phosphatase, receptor type, R) |
|  |  |  |
| PTP-SL (Alias) | 12q15 | [PTPRR](http://atlasgeneticsoncology.org/Genes/PTPRRID41937ch12q15.html) |
| [PTTG1](http://atlasgeneticsoncology.org/Genes/PTTG1ID41943ch5q35.html) | 5q33.3 | PTTG1 (pituitary tumor-transforming 1) |
| [PTTG1IP](http://atlasgeneticsoncology.org/Genes/PTTG1IPID41944ch21q22.html) | 21q22.3 | PTTG1IP (pituitary tumor-transforming 1 interacting protein) |
|  |  |  |
| [PTTG1](http://atlasgeneticsoncology.org/Genes/PTTG1ID41943ch5q35.html) | 5q33.3 | PTTG1 (pituitary tumor-transforming 1) |
| PTTG (Alias) | 5q33.3 | [PTTG1](http://atlasgeneticsoncology.org/Genes/PTTG1ID41943ch5q35.html) |
| PU.1 (Alias) | 11p11.2 | [SPI1](http://atlasgeneticsoncology.org/Genes/SPI1ID269.html) |
| PUMA (p53-upregulated modulator of apoptosis) (Alias) | 19q13.32 | [BBC3](http://atlasgeneticsoncology.org/Genes/BBC3ID759ch19q13.html) |
| PUMPCn (Alias) | 7q21.13 | [STEAP2](http://atlasgeneticsoncology.org/Genes/STEAP2ID42435ch7q21.html) |
| PURH (Alias) | 2q35 | [ATIC](http://atlasgeneticsoncology.org/Genes/ATICID227.html) |
| [PVRL4](http://atlasgeneticsoncology.org/Genes/PVRL4ID44141ch1q23.html) | 1q23.3 | PVRL4 (poliovirus receptor-related 4) |
|  |  |  |
| PW1 (Alias) | 19q13.43 | [PEG3](http://atlasgeneticsoncology.org/Genes/PEG3ID41690ch19q13.html) |
| [PXN](http://atlasgeneticsoncology.org/Genes/PXNID41953ch12q24.html) | 12q24.23 | PXN (paxillin) |
|  |  |  |
| [PYCARD](http://atlasgeneticsoncology.org/Genes/PYCARDID712ch16p12.html) | 16p11.2 | PYCARD (PYD and CARD domain containing) |
|  |  |  |
| PYST1 (Alias) | 12q21.33 | [DUSP6](http://atlasgeneticsoncology.org/Genes/DUSP6ID46105ch12q21.html) |
| PYY1 (Alias) | 17q21.31 | [PYY](http://atlasgeneticsoncology.org/Genes/PYYID46182ch17q21.html) |
| PYY4 (Alias) | 7p15.3 | [NPY](http://atlasgeneticsoncology.org/Genes/NPYID44438ch7p15.html) |
| [PYY](http://atlasgeneticsoncology.org/Genes/PYYID46182ch17q21.html) | 17q21.31 | PYY (peptide YY) |

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| QDED721 (Alias) | 12p13.2 | [CLEC1B](http://atlasgeneticsoncology.org/Genes/CLEC1BID49856ch12p13.html) |
| QM (Alias) | Xq28 | [RPL10](http://atlasgeneticsoncology.org/Genes/RPL10ID42148chXq28.html) |
| QRF1 (Glutamine-Rich Factor 1) (Alias) | 3p13 | [FOXP1](http://atlasgeneticsoncology.org/Genes/FOXP1ID40632ch3p14.html) |

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| R16 (Alias) | 19q13.32 | [SLC1A5](http://atlasgeneticsoncology.org/Genes/SLC1A5ID42313ch19q13.html) |
| R1A (Alias) | 17q24.2 | [PRKAR1A](http://atlasgeneticsoncology.org/Genes/PRKAR1AID387.html) |
| R1 (Alias) | 11p15.4 | [RRM1](http://atlasgeneticsoncology.org/Genes/RRM1ID42174ch11p15.html) |
| R2 (Alias) | 11p11.2 | [CD82](http://atlasgeneticsoncology.org/Genes/CD82ID41045ch11p11.html) |
| R2 (Alias) | 2p25.1 | [RRM2](http://atlasgeneticsoncology.org/Genes/RRM2ID42175ch2p25.html) |
| R51H3 (Alias) | 17q12 | [RAD51D](http://atlasgeneticsoncology.org/Genes/RAD51L3ID347ch17q12.html) |
| [RAC2](http://atlasgeneticsoncology.org/Genes/RAC2ID42021ch22q13.html) | 22q13.1 | RAC2 (ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2)) |
|  |  |  |
| [RAC3](http://atlasgeneticsoncology.org/Genes/RAC3ID42022ch17q25.html) | 17q25.3 | RAC3 (ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein Rac3)) |
| RAC3 (RAR-associated coactivator 3) (Alias) | 20q13.12 | [NCOA3](http://atlasgeneticsoncology.org/Genes/NCOA3ID505ch20q13.html) |
|  |  |  |
| RAC (Alias) | 14q32.33 | [AKT1](http://atlasgeneticsoncology.org/Genes/AKT1ID355ch14q32.html) |
| RAC-ALPHA (Alias) | 14q32.33 | [AKT1](http://atlasgeneticsoncology.org/Genes/AKT1ID355ch14q32.html) |
| RACK17 (Alias) | 21q22.11 | [OLIG2](http://atlasgeneticsoncology.org/Genes/OLIG2ID236.html) |
| RACK1 (Receptor for activated kinase C) (Alias) | 5q35.3 | [GNB2L1](http://atlasgeneticsoncology.org/Genes/GNB2L1ID43285ch5q35.html) |
| RAC-PK-alpha (Alias) | 14q32.33 | [AKT1](http://atlasgeneticsoncology.org/Genes/AKT1ID355ch14q32.html) |
| RAC-PK-Beta (rac protein kinase beta) (Alias) | 19q13.2 | [AKT2](http://atlasgeneticsoncology.org/Genes/AKT2ID517ch19q13.html) |
| RAC-PK-gamma (Alias) | 1q43 | [AKT3](http://atlasgeneticsoncology.org/Genes/AKT3ID615ch1q44.html) |
| RAD2 (Alias) | 11q12.2 | [FEN1](http://atlasgeneticsoncology.org/Genes/FEN1ID40543ch11q12.html) |
| RAD30A (Alias) | 6p21.1 | [POLH](http://atlasgeneticsoncology.org/Genes/XPVID303.html) |
| RAD51D (Alias) | 17q12 | [RAD51D](http://atlasgeneticsoncology.org/Genes/RAD51L3ID347ch17q12.html) |
| [RAD51D](http://atlasgeneticsoncology.org/Genes/RAD51L3ID347ch17q12.html) | 17q12 | RAD51D (RAD51-like 3 (S. cerevisiae)) |
|  |  |  |
| RAD51L3 (Alias) | 17q12 | [RAD51D](http://atlasgeneticsoncology.org/Genes/RAD51L3ID347ch17q12.html) |
| [RAD52](http://atlasgeneticsoncology.org/Genes/RAD52ID349ch12p13.html) | 12p13.33 | RAD52 (RAD52 homolog (S. cerevisiae)) |
|  |  |  |
| Rad53 (Alias) | 22q12.1 | [CHEK2](http://atlasgeneticsoncology.org/Genes/CHEK2ID312.html) |
| [RAD9A](http://atlasgeneticsoncology.org/Genes/RAD9AID42031ch11q13.html) | 11q13.2 | RAD9A (RAD9 homolog A (S. pombe)) |
| RAD9 (Alias) | 11q13.2 | [RAD9A](http://atlasgeneticsoncology.org/Genes/RAD9AID42031ch11q13.html) |
|  |  |  |
| Raf-1 (Alias) | 3p25.2 | [RAF1](http://atlasgeneticsoncology.org/Genes/RAF1ID42032ch3p25.html) |
| [RAF1](http://atlasgeneticsoncology.org/Genes/RAF1ID42032ch3p25.html) | 3p25.2 | RAF1 (v-raf-1 murine leukemia viral oncogene homolog 1) |
|  |  |  |
| RAFB1 (Alias) | 7q34 | [BRAF](http://atlasgeneticsoncology.org/Genes/BRAFID828.html) |
| RAFT1 (Alias) | 1p36.22 | [MTOR](http://atlasgeneticsoncology.org/Genes/FRAP1ID40639ch1p36.html) |
| RAGE (Alias) | 6p21.32 | [AGER](http://atlasgeneticsoncology.org/Genes/AGERID594ch6p21.html) |
| RAI3 (Alias) | 12p13.1 | [GPRC5A](http://atlasgeneticsoncology.org/Genes/GPRC5AID43793ch12p13.html) |
| RAIG1 (Alias) | 12p13.1 | [GPRC5A](http://atlasgeneticsoncology.org/Genes/GPRC5AID43793ch12p13.html) |
| RAI (relA associated inhibitor) (Alias) | 19q13.32 | [PPP1R13L](http://atlasgeneticsoncology.org/Genes/PPP1R13LID42997ch19q13.html) |
| RaLP (Alias) | 15q21.1 | [SHC4](http://atlasgeneticsoncology.org/Genes/SHC4ID44503ch15q21.html) |
| RALT (Alias) | 1p36.23 | [ERRFI1](http://atlasgeneticsoncology.org/Genes/ERRFI1ID44147ch1p36.html) |
| RAMP (Alias) | 13q12.11 | [ZMYM2](http://atlasgeneticsoncology.org/Genes/ZNF198ID114.html) |
| [RANBP2](http://atlasgeneticsoncology.org/Genes/RANBP2ID483.html) | 2q12.3 | RANBP2 (RAN binding protein 2) |
|  |  |  |
| RANBP3 (Alias) | 12q24.33 | [RAN](http://atlasgeneticsoncology.org/Genes/RANID4203912q24.html) |
| RanBP7 (Alias) | 6p23 | [RANBP9](http://atlasgeneticsoncology.org/Genes/RANBP9ID42040ch6p23.html) |
| [RANBP9](http://atlasgeneticsoncology.org/Genes/RANBP9ID42040ch6p23.html) | 6p23 | RANBP9 (RAN binding protein 9) |
|  |  |  |
| RANBPM (Alias) | 6p23 | [RANBP9](http://atlasgeneticsoncology.org/Genes/RANBP9ID42040ch6p23.html) |
| RanGTPase (Alias) | 12q24.33 | [RAN](http://atlasgeneticsoncology.org/Genes/RANID4203912q24.html) |
| [RAN](http://atlasgeneticsoncology.org/Genes/RANID4203912q24.html) | 12q24.33 | RAN (RAN, member RAS oncogene family) |
|  |  |  |
| [RAP1A](http://atlasgeneticsoncology.org/Genes/RAP1AID272.html) | 1p13.2 | RAP1A (RAP11, member of RAS oncogene family) |
| RAP1 (Alias) | 4q23 | [RAP1GDS1](http://atlasgeneticsoncology.org/Genes/RAP1GDS1ID400.html) |
|  |  |  |
| [RAP1B](http://atlasgeneticsoncology.org/Genes/RAP1BID273.html) | 12q15 | RAP1B (RAP1B, member of RAS oncogene family) |
|  |  |  |
| RAP1GA1 (Alias) | 1p36.12 | [RAP1GAP](http://atlasgeneticsoncology.org/Genes/RAP1GAPID42043ch1p36.html) |
| RAP1GAP1 (Alias) | 1p36.12 | [RAP1GAP](http://atlasgeneticsoncology.org/Genes/RAP1GAPID42043ch1p36.html) |
| [RAP1GAP](http://atlasgeneticsoncology.org/Genes/RAP1GAPID42043ch1p36.html) | 1p36.12 | RAP1GAP (RAP1 GTPase activating protein) |
| RAP1GAPII (Alias) | 1p36.12 | [RAP1GAP](http://atlasgeneticsoncology.org/Genes/RAP1GAPID42043ch1p36.html) |
|  |  |  |
| [RAP1GDS1](http://atlasgeneticsoncology.org/Genes/RAP1GDS1ID400.html) | 4q23 | RAP1GDS1 (RAP1, GTP-GDP dissociation stimulator 1) |
|  |  |  |
| [RAP2A](http://atlasgeneticsoncology.org/Genes/RAP2AID274.html) | 13q32.1 | RAP2A (RAP2A, member of RAS oncogene family) |
|  |  |  |
| [RAP2B](http://atlasgeneticsoncology.org/Genes/RAP2BID275.html) | 3q25.2 | RAP2B (RAP2B, member of RAS oncogene family) |
|  |  |  |
| RAP46 (Alias) | 9p13.3 | [BAG1](http://atlasgeneticsoncology.org/Genes/BAG1ID742ch9p13.html) |
| RAPGAP (Alias) | 1p36.12 | [RAP1GAP](http://atlasgeneticsoncology.org/Genes/RAP1GAPID42043ch1p36.html) |
| [RAPGEF1](http://atlasgeneticsoncology.org/Genes/RAPGEF1ID42045ch9q34.html) | 9q34.13 | RAPGEF1 (Rap guanine nucleotide exchange factor (GEF) 1) |
|  |  |  |
| RAPH (Alias) | 11p15.5 | [CD151](http://atlasgeneticsoncology.org/Genes/CD151ID967ch11p15.html) |
| RAPL (Alias) | 1q32.1 | [RASSF5](http://atlasgeneticsoncology.org/Genes/RASSF5ID42059ch1q32.html) |
| RAPT1 (Alias) | 1p36.22 | [MTOR](http://atlasgeneticsoncology.org/Genes/FRAP1ID40639ch1p36.html) |
| [RARA](http://atlasgeneticsoncology.org/Genes/RARAID46.html) | 17q21.2 | RARA (Retinoic acid receptor, alpha) |
|  |  |  |
| RARHOGAP (Alias) | 11q23.1 | [ARHGAP20](http://atlasgeneticsoncology.org/Genes/ARHGAP20ID42979ch11q23.html) |
| [RARRES1](http://atlasgeneticsoncology.org/Genes/RARRES1ID42050ch3q25.html) | 3q25.32 | RARRES1 (retinoic acid receptor responder (tazarotene induced) 1) |
|  |  |  |
| [RARRES3](http://atlasgeneticsoncology.org/Genes/RARRES3ID42051ch11q12.html) | 11q12.3 | RARRES3 (retinoic acid receptor responder (tazarotene induced) 3) |
|  |  |  |
| RASFADIN (Alias) | 20p13 | [RASSF2](http://atlasgeneticsoncology.org/Genes/RASSF2ID43461ch20p13.html) |
| [RASGRF1](http://atlasgeneticsoncology.org/Genes/RASGRF1ID43453ch15q25.html) | 15q25.1 | RASGRF1 (Ras protein-specific guanine nucleotide-releasing factor 1) |
|  |  |  |
| RASI-1 (Alias) | 12q13.2 | [MMP19](http://atlasgeneticsoncology.org/Genes/MMP19ID41395ch12q13.html) |
| [RASL11B](http://atlasgeneticsoncology.org/Genes/RASL11BID44265ch4q12.html) | 4q12 | RASL11B (RAS-like, family 11, member B) |
|  |  |  |
| [RASSF1](http://atlasgeneticsoncology.org/Genes/RASSF1ID377.html) | 3p21.31 | RASSF1 (Ras association (RalGDS/AF-6) domain family member) |
|  |  |  |
| [RASSF2](http://atlasgeneticsoncology.org/Genes/RASSF2ID43461ch20p13.html) | 20p13 | RASSF2 (Ras association (RalGDS/AF-6) domain family member 2) |
|  |  |  |
| RASSF3 (Alias) | 1q32.1 | [RASSF5](http://atlasgeneticsoncology.org/Genes/RASSF5ID42059ch1q32.html) |
| [RASSF5](http://atlasgeneticsoncology.org/Genes/RASSF5ID42059ch1q32.html) | 1q32.1 | RASSF5 (Ras association (RalGDS/AF-6) domain family member 5) |
|  |  |  |
| [RASSF6](http://atlasgeneticsoncology.org/Genes/RASSF6ID43462ch4q13.html) | 4q13.3 | RASSF6 (Ras association (RalGDS/AF-6) domain family member 6) |
|  |  |  |
| [RB1](http://atlasgeneticsoncology.org/Genes/RB1ID90.html) | 13q14.2 | RB1 (retinoblastoma) |
|  |  |  |
| Rb2 (Alias) | 16q12.2 | [RBL2](http://atlasgeneticsoncology.org/Genes/RBL2ID443.html) |
| RBAP-1 (Alias) | 20q11.22 | [E2F1](http://atlasgeneticsoncology.org/Genes/E2F1ID40382ch20q11.html) |
| RBAP1 (Alias) | 20q11.22 | [E2F1](http://atlasgeneticsoncology.org/Genes/E2F1ID40382ch20q11.html) |
| RbAp46 (Alias) | Xp22.2 | [RBBP7](http://atlasgeneticsoncology.org/Genes/RBBP7ID42065chXp22.html) |
| RBAP46 (Alias) | Xp22.2 | [RBBP7](http://atlasgeneticsoncology.org/Genes/RBBP7ID42065chXp22.html) |
| RBBP2 (Alias) | 12p13.33 | [KDM5A](http://atlasgeneticsoncology.org/Genes/JARID1AID41033ch12p13.html) |
| RBBP-3 (Alias) | 20q11.22 | [E2F1](http://atlasgeneticsoncology.org/Genes/E2F1ID40382ch20q11.html) |
| RBBP3 (Alias) | 20q11.22 | [E2F1](http://atlasgeneticsoncology.org/Genes/E2F1ID40382ch20q11.html) |
| RBBP-7 (Alias) | Xp22.2 | [RBBP7](http://atlasgeneticsoncology.org/Genes/RBBP7ID42065chXp22.html) |
| [RBBP7](http://atlasgeneticsoncology.org/Genes/RBBP7ID42065chXp22.html) | Xp22.2 | RBBP7 (retinoblastoma binding protein 7) |
|  |  |  |
| [RBBP8](http://atlasgeneticsoncology.org/Genes/RBBP8ID42066ch18q11.html) | 18q11.2 | RBBP8 (retinoblastoma binding protein 8) |
|  |  |  |
| [RBL2](http://atlasgeneticsoncology.org/Genes/RBL2ID443.html) | 16q12.2 | RBL2 (retinoblastoma-like 2) |
|  |  |  |
| [RBM15](http://atlasgeneticsoncology.org/Genes/OTTID175.html) | 1p13.3 | RBM15 (RNA binding motif protein 15) |
|  |  |  |
| [RBM5](http://atlasgeneticsoncology.org/Genes/RBM5ID42069ch3p21.html) | 3p21.31 | RBM5 (RNA binding motif protein 5) |
|  |  |  |
| RBP2 (Alias) | 12p13.33 | [KDM5A](http://atlasgeneticsoncology.org/Genes/JARID1AID41033ch12p13.html) |
| RBP3 (Alias) | 20q11.22 | [E2F1](http://atlasgeneticsoncology.org/Genes/E2F1ID40382ch20q11.html) |
| RBP56 (RNA binding protein 56) (Alias) | 17q12 | [TAF15](http://atlasgeneticsoncology.org/Genes/TAF2NID256.html) |
| RBR-2 (Alias) | 16q12.2 | [RBL2](http://atlasgeneticsoncology.org/Genes/RBL2ID443.html) |
| RBSP3 (Alias) | 3p22.2 | [CTDSPL](http://atlasgeneticsoncology.org/Genes/CTDSPLID40189ch3p22.html) |
| RBTN1 (Alias) | 11p15.4 | [LMO1](http://atlasgeneticsoncology.org/Genes/LMO1ID33ch11p15.html) |
| RBTN2 (rhombotin-2) (Alias) | 11p13 | [LMO2](http://atlasgeneticsoncology.org/Genes/RBTN2ID34.html) |
| RBTNL1 (rhombotin-like-1) (Alias) | 11p13 | [LMO2](http://atlasgeneticsoncology.org/Genes/RBTN2ID34.html) |
| Rbx1 (Alias) | 22q13.2 | [RBX1](http://atlasgeneticsoncology.org/Genes/RBX1ID42075ch22q13.html) |
| [RBX1](http://atlasgeneticsoncology.org/Genes/RBX1ID42075ch22q13.html) | 22q13.2 | RBX1 (ring-box 1) |
|  |  |  |
| RBX2 (Alias) | 3q23 | [RNF7](http://atlasgeneticsoncology.org/Genes/RNF7ID44108ch3q22.html) |
| RCA1 (Alias) | 8q24.13 | [RNF139](http://atlasgeneticsoncology.org/Genes/TRC8ID500.html) |
| RCAS1 (Alias) | 8q23.2 | [EBAG9](http://atlasgeneticsoncology.org/Genes/EBAG9ID40393ch8q23.html) |
| RCCP1 (renal cell carcinoma, papillary, 1) (Alias) | 1q23.1 | [PRCC](http://atlasgeneticsoncology.org/Genes/PRCCID69.html) |
| [RCHY1](http://atlasgeneticsoncology.org/Genes/RCHY1ID43012ch04q21.html) | 4q21.1 | RCHY1 (ring finger and CHY zinc finger domain containing 1) |
|  |  |  |
| RDA32 (Alias) | 3p21.31 | [RASSF1](http://atlasgeneticsoncology.org/Genes/RASSF1ID377.html) |
| RDC1 (Alias) | 2q37.3 | [ACKR3](http://atlasgeneticsoncology.org/Genes/CMKOR1ID40108ch2q37.html) |
| RDC-1 (Alias) | 13q31.1 | [POU4F1](http://atlasgeneticsoncology.org/Genes/POU4F1ID44173ch13q31.html) |
| RDRC (Alias) | 19q13.32 | [SLC1A5](http://atlasgeneticsoncology.org/Genes/SLC1A5ID42313ch19q13.html) |
| RDX12 (Alias) | 17q12 | [MIEN1](http://atlasgeneticsoncology.org/Genes/MIEN1ID52476ch17q12.html) |
| RECC (Alias) | 3q21.2 | [MUC13](http://atlasgeneticsoncology.org/Genes/MUC13ID41454ch3q21.html) |
| RecQ4 (Alias) | 8q24.3 | [RECQL4](http://atlasgeneticsoncology.org/Genes/RECQL4ID285.html) |
| [RECQL4](http://atlasgeneticsoncology.org/Genes/RECQL4ID285.html) | 8q24.3 | RECQL4 (RecQ protein-like 4 |
|  |  |  |
| [RECQL5](http://atlasgeneticsoncology.org/Genes/RECQL5ID286.html) | 17q25.1 | RECQL5 (RecQ protein-like 5) |
|  |  |  |
| [RECQL](http://atlasgeneticsoncology.org/Genes/RECQLID283.html) | 12p12.1 | RECQL RecQ protein-like (DNA helicase Q1-like) |
|  |  |  |
| RecQ protein like 4 (Alias) | 8q24.3 | [RECQL4](http://atlasgeneticsoncology.org/Genes/RECQL4ID285.html) |
| REDD-1 (Alias) | 10q22.1 | [DDIT4](http://atlasgeneticsoncology.org/Genes/DDIT4ID45802ch10q22.html) |
| REDD1 (Alias) | 10q22.1 | [DDIT4](http://atlasgeneticsoncology.org/Genes/DDIT4ID45802ch10q22.html) |
| [REG4](http://atlasgeneticsoncology.org/Genes/REGIVID485.html) | 1p12 | REG4 (regenerating gene type IV) |
|  |  |  |
| REG-IV (regenerating gene type IV) (Alias) | 1p12 | [REG4](http://atlasgeneticsoncology.org/Genes/REGIVID485.html) |
| REH3P21 (Alias) | 3p21.31 | [RASSF1](http://atlasgeneticsoncology.org/Genes/RASSF1ID377.html) |
| REIC (Alias) | 11p15.3 | [DKK3](http://atlasgeneticsoncology.org/Genes/DKK3ID40327ch11p15.html) |
| REIIBP (Alias) | 4p16.3 | [WHSC1](http://atlasgeneticsoncology.org/Genes/WHSC1ID42809ch4p16.html) |
| [RELA](http://atlasgeneticsoncology.org/Genes/RELAID325.html) | 11q13.1 | RELA (v-rel reticuloendotheliosis viral oncogene homolog A (avian)) |
|  |  |  |
| [RELB](http://atlasgeneticsoncology.org/Genes/RELBID324.html) | 19q13.32 | RELB (v-rel reticuloendotheliosis viral oncogene homolog B) |
|  |  |  |
| [REL](http://atlasgeneticsoncology.org/Genes/RELID322.html) | 2p16.1 | REL v-rel reticuloendotheliosis viral oncogene homolog (avian) |
|  |  |  |
| REPA2 (Alias) | 1p35.3 | [RPA2](http://atlasgeneticsoncology.org/Genes/RPA2ID42146ch1p35.html) |
| REPP86 (Alias) | 20q11.21 | [TPX2](http://atlasgeneticsoncology.org/Genes/TPX2ID42683ch20q11.html) |
| REPRIMO (Alias) | 2q23.3 | [RPRM](http://atlasgeneticsoncology.org/Genes/RPRMID42082ch2q23.html) |
| [REPS2](http://atlasgeneticsoncology.org/Genes/REPS2ID44120chXp22.html) | Xp22.2 | REPS2 (RALBP1 associated Eps domain containing 2) |
|  |  |  |
| Reptin52 (Alias) | 19q13.33 | [RUVBL2](http://atlasgeneticsoncology.org/Genes/RUVBL2ID42185ch19q13.html) |
| REPTIN (Alias) | 19q13.33 | [RUVBL2](http://atlasgeneticsoncology.org/Genes/RUVBL2ID42185ch19q13.html) |
| [REST](http://atlasgeneticsoncology.org/Genes/RESTID44266ch4q12.html) | 4q12 | REST (RE1-silencing transcription factor) |
|  |  |  |
| [RET](http://atlasgeneticsoncology.org/Genes/RETID76.html) | 10q11.21 | RET (REarranged during Transfection) |
| Retinoblastoma-like protein 2 (Alias) | 16q12.2 | [RBL2](http://atlasgeneticsoncology.org/Genes/RBL2ID443.html) |
| Retinoblastoma-related gene RB2 (Alias) | 16q12.2 | [RBL2](http://atlasgeneticsoncology.org/Genes/RBL2ID443.html) |
|  |  |  |
| RFG (Alias) | 10q11.23 | [NCOA4](http://atlasgeneticsoncology.org/Genes/NCOA4ID218ch10q11.html) |
| RFP (Alias) | 6p22.1 | [TRIM27](http://atlasgeneticsoncology.org/Genes/TRIM27ID42092ch6p22.html) |
| RGAG3 (Alias) | 7q21.3 | [PEG10](http://atlasgeneticsoncology.org/Genes/PEG10ID44104ch7q21.html) |
| RGD-CAP (Alias) | 5q31.1 | [TGFBI](http://atlasgeneticsoncology.org/Genes/TGFBIID42539ch5q31.html) |
| RGS-17 (Alias) | 6q25.2 | [RGS17](http://atlasgeneticsoncology.org/Genes/RGS17ID47522ch6q25.html) |
| [RGS17](http://atlasgeneticsoncology.org/Genes/RGS17ID47522ch6q25.html) | 6q25.2 | RGS17 (regulator of G-protein signaling 17) |
|  |  |  |
| [RGS2](http://atlasgeneticsoncology.org/Genes/RGS2ID42102ch1q31.html) | 1q31.2 | RGS2 (regulator of G-protein signaling 2, 24kDa) |
|  |  |  |
| RGSZ2 (Alias) | 6q25.2 | [RGS17](http://atlasgeneticsoncology.org/Genes/RGS17ID47522ch6q25.html) |
| RHA (Alias) | 1q25.3 | [DHX9](http://atlasgeneticsoncology.org/Genes/DHX9ID44879ch1q25.html) |
| RHEPDGFRA (Alias) | 4q12 | [PDGFRA](http://atlasgeneticsoncology.org/Genes/PDGFRAID143ch4q12.html) |
| RHO12 (Alias) | 3p21.31 | [RHOA](http://atlasgeneticsoncology.org/Genes/RHOAID42107ch3p21.html) |
| Rho8 (Alias) | 2q23.3 | [RND3](http://atlasgeneticsoncology.org/Genes/RND3ID46247ch2q23.html) |
| [RHOA](http://atlasgeneticsoncology.org/Genes/RHOAID42107ch3p21.html) | 3p21.31 | RHOA (ras homolog gene family, member A) |
|  |  |  |
| [RHOB](http://atlasgeneticsoncology.org/Genes/RHOBID42108ch2p24.html) | 2p24.1 | RHOB (ras homolog gene family, member B) |
|  |  |  |
| [RHOBTB1](http://atlasgeneticsoncology.org/Genes/RHOBTB1ID42981ch10q22.html) | 10q21.2 | RHOBTB1 (Rho-related BTB domain containing 1) |
|  |  |  |
| [RHOBTB2](http://atlasgeneticsoncology.org/Genes/RHOBTB2ID42109ch8p21.html) | 8p21.3 | RHOBTB2 (Rho-related BTB domain containing 2) |
|  |  |  |
| RhoC (Alias) | 1p13.2 | [RHOC](http://atlasgeneticsoncology.org/Genes/RHOCID42110ch1p13.html) |
| [RHOC](http://atlasgeneticsoncology.org/Genes/RHOCID42110ch1p13.html) | 1p13.2 | RHOC (ras homolog gene family, member C) |
|  |  |  |
| RhoE (Alias) | 2q23.3 | [RND3](http://atlasgeneticsoncology.org/Genes/RND3ID46247ch2q23.html) |
| RHOH12 (Alias) | 3p21.31 | [RHOA](http://atlasgeneticsoncology.org/Genes/RHOAID42107ch3p21.html) |
| RHOH6 (Alias) | 2p24.1 | [RHOB](http://atlasgeneticsoncology.org/Genes/RHOBID42108ch2p24.html) |
| RhoH9 (Alias) | 1p13.2 | [RHOC](http://atlasgeneticsoncology.org/Genes/RHOCID42110ch1p13.html) |
| [RHOH](http://atlasgeneticsoncology.org/Genes/RHOHID93.html) | 4p14 | RHOH (Ras homolog gene family, member H) |
|  |  |  |
| RHOI (Alias) | 1p31.3 | [DIRAS3](http://atlasgeneticsoncology.org/Genes/DIRAS3ID702ch1p31.html) |
| RHOM1 (Alias) | 11p15.4 | [LMO1](http://atlasgeneticsoncology.org/Genes/LMO1ID33ch11p15.html) |
| RHOM2 (Alias) | 11p13 | [LMO2](http://atlasgeneticsoncology.org/Genes/RBTN2ID34.html) |
| RHS (Alias) | 3q28 | [TP63](http://atlasgeneticsoncology.org/Genes/TP63ID365ch3q27.html) |
| RIC (Alias) | 19q13.12 | [FXYD5](http://atlasgeneticsoncology.org/Genes/FXYD5ID40652ch19q13.html) |
| RIEG3 (Alias) | 6p25.3 | [FOXC1](http://atlasgeneticsoncology.org/Genes/FOXC1ID40624ch6p25.html) |
| RIG1 (Alias) | 11q12.3 | [RARRES3](http://atlasgeneticsoncology.org/Genes/RARRES3ID42051ch11q12.html) |
| RIG (Alias) | 11p15.3 | [DKK3](http://atlasgeneticsoncology.org/Genes/DKK3ID40327ch11p15.html) |
| RIGB (Alias) | 20q12 | [CHD6](http://atlasgeneticsoncology.org/Genes/CHD6ID43211ch20q12.html) |
| RIIC (Alias) | 3p24.1 | [TGFBR2](http://atlasgeneticsoncology.org/Genes/TGFBR2ID372ch3p24.html) |
| RIM (Alias) | 18q11.2 | [RBBP8](http://atlasgeneticsoncology.org/Genes/RBBP8ID42066ch18q11.html) |
| RINF (Alias) | 5q31.2 | [CXXC5](http://atlasgeneticsoncology.org/Genes/CXXC5ID52549ch5q31.html) |
| RIP140 (Alias) | 21q11.2 | [NRIP1](http://atlasgeneticsoncology.org/Genes/NRIP1ID44067ch21q11.html) |
| RIP14 (Alias) | 12q23.1 | [NR1H4](http://atlasgeneticsoncology.org/Genes/NR1H4ID46032ch12q23.html) |
| RIPE3b1 (Alias) | 8q24.3 | [MAFA](http://atlasgeneticsoncology.org/Genes/MAFAID41235ch8q24.html) |
| RIR1 (Alias) | 11p15.4 | [RRM1](http://atlasgeneticsoncology.org/Genes/RRM1ID42174ch11p15.html) |
| RIS2 (Alias) | 16q24.3 | [CDT1](http://atlasgeneticsoncology.org/Genes/CDT1ID44175ch16q24.html) |
| Rit1 zinc finger protein hRit1 alpha (not to be confused with RIT1 on chr. 1q22) (Alias) | 14q32.2 | [BCL11B](http://atlasgeneticsoncology.org/Genes/BCL11BID392.html) |
| Rit42 (Alias) | 8q24.22 | [NDRG1](http://atlasgeneticsoncology.org/Genes/NDRG1ID41512ch8q24.html) |
| RIT42 (Alias) | 8q24.22 | [NDRG1](http://atlasgeneticsoncology.org/Genes/NDRG1ID41512ch8q24.html) |
| RIZ1 (Alias) | 1p36.21 | [PRDM2](http://atlasgeneticsoncology.org/Genes/PRDM2ID41834ch1p36.html) |
| RIZ2 (Alias) | 1p36.21 | [PRDM2](http://atlasgeneticsoncology.org/Genes/PRDM2ID41834ch1p36.html) |
| RIZ (retinoblastoma interacting zinc-finger protein) (Alias) | 1p36.21 | [PRDM2](http://atlasgeneticsoncology.org/Genes/PRDM2ID41834ch1p36.html) |
| RK17 (Alias) | 21q22.11 | [OLIG2](http://atlasgeneticsoncology.org/Genes/OLIG2ID236.html) |
| RK (Alias) | 6p21.31 | [MAPK14](http://atlasgeneticsoncology.org/Genes/MAPK14ID41292ch6p21.html) |
| RKIP (Alias) | 12q24.23 | [PEBP1](http://atlasgeneticsoncology.org/Genes/PEBP1ID44021ch12q24.html) |
| RLC (Alias) | 3p22.2 | [ITGA9](http://atlasgeneticsoncology.org/Genes/ITGA9ID41010ch3p22.html) |
| [RLN2](http://atlasgeneticsoncology.org/Genes/RLN2ID44421ch9p24.html) | 9p24.1 | RLN2 (relaxin 2) |
|  |  |  |
| RLXH2 (Alias) | 9p24.1 | [RLN2](http://atlasgeneticsoncology.org/Genes/RLN2ID44421ch9p24.html) |
| [RMRP](http://atlasgeneticsoncology.org/Genes/RMRPID44001ch9p21.html) | 9p13.3 | RMRP (RNA component of mitochondrial RNA processing endoribonuclease) |
| RMRPR (Alias) | 9p13.3 | [RMRP](http://atlasgeneticsoncology.org/Genes/RMRPID44001ch9p21.html) |
|  |  |  |
| RNASE4 (Alias) | 14q11.2 | [ANG](http://atlasgeneticsoncology.org/Genes/ANGID635ch14q11.html) |
| RNASE5 (Alias) | 14q11.2 | [ANG](http://atlasgeneticsoncology.org/Genes/ANGID635ch14q11.html) |
| RNASE6PL (Alias) | 6q27 | [RNASET2](http://atlasgeneticsoncology.org/Genes/RNASET2ID518ch6q27.html) |
| [RNASET2](http://atlasgeneticsoncology.org/Genes/RNASET2ID518ch6q27.html) | 6q27 | RNASET2 (ribonuclease T2) |
|  |  |  |
| [RND3](http://atlasgeneticsoncology.org/Genes/RND3ID46247ch2q23.html) | 2q23.3 | RND3 (Rho family GTPase 3) |
|  |  |  |
| [RNF11](http://atlasgeneticsoncology.org/Genes/RNF11ID44143ch1p32.html) | 1p32.3 | RNF11 (ring finger protein 11) |
|  |  |  |
| [RNF139](http://atlasgeneticsoncology.org/Genes/TRC8ID500.html) | 8q24.13 | RNF139 (translocation in renal carcinoma, chromosome 8 gene) |
|  |  |  |
| RNF199 (Alias) | 4q21.1 | [RCHY1](http://atlasgeneticsoncology.org/Genes/RCHY1ID43012ch04q21.html) |
| [RNF213](http://atlasgeneticsoncology.org/Genes/ALO17ID480.html) | 17q25.3 | RNF213 (lymphoma oligomerization partner on chromosome 17) |
|  |  |  |
| RNF45 (Alias) | 16q12.2 | [AMFR](http://atlasgeneticsoncology.org/Genes/AMFRID627ch16q12.html) |
| RNF48 (Alias) | 11q22.2 | [BIRC2](http://atlasgeneticsoncology.org/Genes/BIRC2ID795ch11q22.html) |
| RNF51 (Alias) | 10p12.2 | [BMI1](http://atlasgeneticsoncology.org/Genes/BMI1ID807ch10p12.html) |
| RNF53 (Alias) | 17q21.31 | [BRCA1](http://atlasgeneticsoncology.org/Genes/BRCA1ID163ch17q21.html) |
| RNF71 (Alias) | 15q24.1 | [PML](http://atlasgeneticsoncology.org/Genes/PMLID41.html) |
| RNF75 (Alias) | 22q13.2 | [RBX1](http://atlasgeneticsoncology.org/Genes/RBX1ID42075ch22q13.html) |
| RNF76 (Alias) | 6p22.1 | [TRIM27](http://atlasgeneticsoncology.org/Genes/TRIM27ID42092ch6p22.html) |
| [RNF7](http://atlasgeneticsoncology.org/Genes/RNF7ID44108ch3q22.html) | 3q23 | RNF7 (RING finger protein-7) |
|  |  |  |
| RNF80 (Alias) | 3q24 | [HLTF](http://atlasgeneticsoncology.org/Genes/HLTFID42332ch3q24.html) |
| RNF82 (Alias) | 7q33 | [TRIM24](http://atlasgeneticsoncology.org/Genes/TRIM24ID504ch7q34.html) |
| RNX (Alias) | 5q35.1 | [TLX3](http://atlasgeneticsoncology.org/Genes/TLX3ID398.html) |
| [ROBO1](http://atlasgeneticsoncology.org/Genes/ROBO1ID42140ch3p12.html) | 3p12.3 | ROBO1 (roundabout, axon guidance receptor, homolog 1 (Drosophila)) |
|  |  |  |
| ROC1 (Alias) | 22q13.2 | [RBX1](http://atlasgeneticsoncology.org/Genes/RBX1ID42075ch22q13.html) |
| ROC2 (Alias) | 3q23 | [RNF7](http://atlasgeneticsoncology.org/Genes/RNF7ID44108ch3q22.html) |
| [ROCK2](http://atlasgeneticsoncology.org/Genes/ROCK2ID43474ch2p25.html) | 2p25.1 | ROCK2 (Rho-associated, coiled-coil containing protein kinase 2) |
|  |  |  |
| ROCK-II (Alias) | 2p25.1 | [ROCK2](http://atlasgeneticsoncology.org/Genes/ROCK2ID43474ch2p25.html) |
| RON protein tyrosine kinase (RON); (Alias) | 3p21.31 | [MST1R](http://atlasgeneticsoncology.org/Genes/RONID287.html) |
| ROPP120 (Alias) | 2p21 | [EML4](http://atlasgeneticsoncology.org/Genes/EML4ID44353ch2p21.html) |
| [ROR2](http://atlasgeneticsoncology.org/Genes/ROR2ID43476ch9q22.html) | 9q22.31 | ROR2 (receptor tyrosine kinase-like orphan receptor 2) |
|  |  |  |
| RP11-229A19.4 (Alias) | 1p13.1 | [VTCN1](http://atlasgeneticsoncology.org/Genes/VTCN1ID44144ch1p13.html) |
| RP11-322N21.1 (Alias) | 1p34.1 | [TSPAN1](http://atlasgeneticsoncology.org/Genes/TSPAN1ID44178ch1p34.html) |
| RP11-367H5.2 (Alias) | 10q22.1 | [AIFM2](http://atlasgeneticsoncology.org/Genes/AIFM2ID41842ch10q22.html) |
| RP11-383C12.1 (Alias) | Xq12 | [AR](http://atlasgeneticsoncology.org/Genes/ARID685chXq12.html) |
| RP11-403E24.2 (Alias) | Xq11.2 | [AMER1](http://atlasgeneticsoncology.org/Genes/FAM123BID44119chXq11.html) |
| RP11-422P24.6 (Alias) | 1q21.3 | [CRTC2](http://atlasgeneticsoncology.org/Genes/CRTC2ID50581ch1q21.html) |
| RP11-514O12.3 (Alias) | 6q27 | [RNASET2](http://atlasgeneticsoncology.org/Genes/RNASET2ID518ch6q27.html) |
| RP11-525G3.1 (Alias) | 6q13 | [CD109](http://atlasgeneticsoncology.org/Genes/CD109ID42925ch6q13.html) |
| RP11-552M11.3 (Alias) | 1p13.2 | [WDR77](http://atlasgeneticsoncology.org/Genes/WDR77ID44142ch1p13.html) |
| RP11-566C13 (Alias) | 1p34.3 | [RSPO1](http://atlasgeneticsoncology.org/Genes/RSPO1ID44137ch1p34.html) |
| RP1-18D14.5 (Alias) | 1p33 | [PDZK1IP1](http://atlasgeneticsoncology.org/Genes/PDZK1IP1ID41268ch1p33.html) |
| RP31 (Alias) | 9p21.1 | [TOPORS](http://atlasgeneticsoncology.org/Genes/TOPORSID42663ch9p21.html) |
| RP38 (Alias) | 2q13 | [MERTK](http://atlasgeneticsoncology.org/Genes/MERTKID41339ch2q13.html) |
| RP5-944N15.1 (Alias) | 1p31.3 | [MIER1](http://atlasgeneticsoncology.org/Genes/MIER1ID50389ch1p31.html) |
| [RPA2](http://atlasgeneticsoncology.org/Genes/RPA2ID42146ch1p35.html) | 1p35.3 | RPA2 (replication protein A2, 32kDa) |
|  |  |  |
| RPA32 (Alias) | 1p35.3 | [RPA2](http://atlasgeneticsoncology.org/Genes/RPA2ID42146ch1p35.html) |
| RPD3-2 (Alias) | 5q31.3 | [HDAC3](http://atlasgeneticsoncology.org/Genes/HDAC3ID40804ch5q31.html) |
| RPD3 (Alias) | 6q21 | [HDAC2](http://atlasgeneticsoncology.org/Genes/HDAC2ID40803ch6q22.html) |
| RPD3 (Alias) | 5q31.3 | [HDAC3](http://atlasgeneticsoncology.org/Genes/HDAC3ID40804ch5q31.html) |
| RPF-1 (Retina-derived POU-domain factor-1) (Alias) | 7p14.1 | [POU6F2](http://atlasgeneticsoncology.org/Genes/POU6F2ID42963ch7p14.html) |
| [RPL10](http://atlasgeneticsoncology.org/Genes/RPL10ID42148chXq28.html) | Xq28 | RPL10 (ribosomal protein L10) |
|  |  |  |
| [RPL26](http://atlasgeneticsoncology.org/Genes/RPL26ID47470ch17p13.html) | 17p13.1 | RPL26 (ribosomal protein L26) |
|  |  |  |
| [RPRM](http://atlasgeneticsoncology.org/Genes/RPRMID42082ch2q23.html) | 2q23.3 | RPRM (reprimo, TP53 dependent G2 arrest mediator candidate) |
|  |  |  |
| [RPS27](http://atlasgeneticsoncology.org/Genes/RPS27ID45550ch1q21.html) | 1q21.3 | RPS27 (ribosomal protein S27) |
|  |  |  |
| RPS30 (Alias) | 11q13.1 | [FAU](http://atlasgeneticsoncology.org/Genes/FAUID40538ch11q13.html) |
| [RPS6KA1](http://atlasgeneticsoncology.org/Genes/RPS6KA1ID43477ch1p36.html) | 1p36.11 | RPS6KA1 (ribosomal protein S6 kinase, 90kDa, polypeptide 1) |
|  |  |  |
| [RPS6KA6](http://atlasgeneticsoncology.org/Genes/RPS6KA6ID43481chXq21.html) | Xq21.1 | RPS6KA6 (Ribosomal Protein S6 Kinase, 90kDa, Polypeptide 6) |
|  |  |  |
| RPTPA (Alias) | 20p13 | [PTPRA](http://atlasgeneticsoncology.org/Genes/PTPRAID41923ch20p13.html) |
| R-PTP-alpha (Alias) | 20p13 | [PTPRA](http://atlasgeneticsoncology.org/Genes/PTPRAID41923ch20p13.html) |
| R-PTP-delta (Alias) | 9p24.1 | [PTPRD](http://atlasgeneticsoncology.org/Genes/PTPRDID41927ch9p23.html) |
| R-PTP-DELTA (Alias) | 9p24.1 | [PTPRD](http://atlasgeneticsoncology.org/Genes/PTPRDID41927ch9p23.html) |
| R-PTP-ETA (Alias) | 11p11.2 | [PTPRJ](http://atlasgeneticsoncology.org/Genes/PTPRJID41932ch11p11.html) |
| RPTPG (Alias) | 3p14.2 | [PTPRG](http://atlasgeneticsoncology.org/Genes/PTPRGID41930ch3p21.html) |
| R-PTP-GAMMA (Alias) | 3p14.2 | [PTPRG](http://atlasgeneticsoncology.org/Genes/PTPRGID41930ch3p21.html) |
| RR1 (Alias) | 11p15.4 | [RRM1](http://atlasgeneticsoncology.org/Genes/RRM1ID42174ch11p15.html) |
| RR2 (Alias) | 2p25.1 | [RRM2](http://atlasgeneticsoncology.org/Genes/RRM2ID42175ch2p25.html) |
| RR2M (Alias) | 2p25.1 | [RRM2](http://atlasgeneticsoncology.org/Genes/RRM2ID42175ch2p25.html) |
| RREB-1 (Alias) | 6p24.3 | [RREB1](http://atlasgeneticsoncology.org/Genes/RREB1ID51424ch6p24.html) |
| [RREB1](http://atlasgeneticsoncology.org/Genes/RREB1ID51424ch6p24.html) | 6p24.3 | RREB1 (Ras Responsive Element Binding Protein 1) |
|  |  |  |
| [RRM1](http://atlasgeneticsoncology.org/Genes/RRM1ID42174ch11p15.html) | 11p15.4 | RRM1 (ribonucleotide reductase M1) |
|  |  |  |
| [RRM2](http://atlasgeneticsoncology.org/Genes/RRM2ID42175ch2p25.html) | 2p25.1 | RRM2 (ribonucleotide reductase M2) |
|  |  |  |
| RSE (Alias) | 15q15.1 | [TYRO3](http://atlasgeneticsoncology.org/Genes/TYRO3ID42739ch15q15.html) |
| RSF-1 (Alias) | 11q14.1 | [RSF1](http://atlasgeneticsoncology.org/Genes/RSF1ID44107ch11q13.html) |
| [RSF1](http://atlasgeneticsoncology.org/Genes/RSF1ID44107ch11q13.html) | 11q14.1 | RSF1 (remodeling and spacing factor 1) |
|  |  |  |
| RSK1 (Alias) | 1p36.11 | [RPS6KA1](http://atlasgeneticsoncology.org/Genes/RPS6KA1ID43477ch1p36.html) |
| RSK4 (Alias) | Xq21.1 | [RPS6KA6](http://atlasgeneticsoncology.org/Genes/RPS6KA6ID43481chXq21.html) |
| RSK (Alias) | 1p36.11 | [RPS6KA1](http://atlasgeneticsoncology.org/Genes/RPS6KA1ID43477ch1p36.html) |
| [RSPO1](http://atlasgeneticsoncology.org/Genes/RSPO1ID44137ch1p34.html) | 1p34.3 | RSPO1 (R-spondin homolog (Xenopus laevis)) |
|  |  |  |
| R-spondin1 (Alias) | 1p34.3 | [RSPO1](http://atlasgeneticsoncology.org/Genes/RSPO1ID44137ch1p34.html) |
| RSPONDIN (Alias) | 1p34.3 | [RSPO1](http://atlasgeneticsoncology.org/Genes/RSPO1ID44137ch1p34.html) |
| RSS (Alias) | 7p12.1 | [GRB10](http://atlasgeneticsoncology.org/Genes/GRB10ID278.html) |
| RSTS (Rubinstein-Taybi syndrome) (Alias) | 16p13.3 | [CREBBP](http://atlasgeneticsoncology.org/Genes/CBPID42.html) |
| RSU2 (Alias) | 17q11.1 | [KSR1](http://atlasgeneticsoncology.org/Genes/KSR1ID41107ch17q11.html) |
| RTA1A (Alias) | 17q21.31 | [SLC4A1](http://atlasgeneticsoncology.org/Genes/SLC4A1ID42325ch17q21.html) |
| RTK6 (Alias) | 6p21.33 | [DDR1](http://atlasgeneticsoncology.org/Genes/DDR1ID40280ch6p21.html) |
| RTN4-A (Alias) | 2p16.1 | [RTN4](http://atlasgeneticsoncology.org/Genes/RTN4ID42182ch2p16.html) |
| RTN4-B1 (Alias) | 2p16.1 | [RTN4](http://atlasgeneticsoncology.org/Genes/RTN4ID42182ch2p16.html) |
| RTN4-B2 (Alias) | 2p16.1 | [RTN4](http://atlasgeneticsoncology.org/Genes/RTN4ID42182ch2p16.html) |
| RTN4-C (Alias) | 2p16.1 | [RTN4](http://atlasgeneticsoncology.org/Genes/RTN4ID42182ch2p16.html) |
| [RTN4](http://atlasgeneticsoncology.org/Genes/RTN4ID42182ch2p16.html) | 2p16.1 | RTN4 (reticulon 4) |
|  |  |  |
| RTN-X (Alias) | 2p16.1 | [RTN4](http://atlasgeneticsoncology.org/Genes/RTN4ID42182ch2p16.html) |
| RTP (Alias) | 8q24.22 | [NDRG1](http://atlasgeneticsoncology.org/Genes/NDRG1ID41512ch8q24.html) |
| RTS (Alias) | 8q24.3 | [RECQL4](http://atlasgeneticsoncology.org/Genes/RECQL4ID285.html) |
| [RUNX1](http://atlasgeneticsoncology.org/Genes/AML1ID52.html) | 21q22.12 | RUNX1 (runt-related transcription factor 1 (acute myeloid leukemia 1; aml1 oncogene)) |
|  |  |  |
| [RUNX1T1](http://atlasgeneticsoncology.org/Genes/ETOID26.html) | 8q21.3 | RUNX1T1 (runt-related transcription factor 1; translocated to, 1 (cyclin D-related)) |
|  |  |  |
| [RUNX2](http://atlasgeneticsoncology.org/Genes/RUNX2ID42183ch6p21.html) | 6p21.1 | RUNX2 (Runt-related transcription factor 2) |
|  |  |  |
| RUNXBP2 (Alias) | 8p11.21 | [KAT6A](http://atlasgeneticsoncology.org/Genes/MYST3ID25ch8p11.html) |
| [RUVBL1](http://atlasgeneticsoncology.org/Genes/RUVBL1ID44415ch3q21.html) | 3q21.3 | RUVBL1 (RuvB-like 1 (E. coli)) |
|  |  |  |
| [RUVBL2](http://atlasgeneticsoncology.org/Genes/RUVBL2ID42185ch19q13.html) | 19q13.33 | RUVBL2 (RuvB-like 2 (E. coli)) |
|  |  |  |
| RVB1 (Alias) | 3q21.3 | [RUVBL1](http://atlasgeneticsoncology.org/Genes/RUVBL1ID44415ch3q21.html) |
| Rvb2 (Alias) | 19q13.33 | [RUVBL2](http://atlasgeneticsoncology.org/Genes/RUVBL2ID42185ch19q13.html) |
| RVB2 (Alias) | 19q13.33 | [RUVBL2](http://atlasgeneticsoncology.org/Genes/RUVBL2ID42185ch19q13.html) |

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