**Cancer Gene List - V**

Mark Herbert

World Development Institute

39-06 Main Street, Flushing, Queens, New York 11354, USA, ma708090@gmail.com

**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 5.

[Herbert M. **Cancer Gene List - V.** *Cancer Biology* 2020;10(2):78-103]. ISSN: 2150-1041 (print); ISSN: 2150-105X (online). <http://www.cancerbio.net>. 8. doi:[10.7537/marscbj100220.08](http://www.dx.doi.org/10.7537/marscbj100220.08).

**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 (5)

|  |  |  |
| --- | --- | --- |
| Gene | Location | HGNC (Hugo) Name |
| M1S2 (Alias) | 2p21  | [EPCAM](http://atlasgeneticsoncology.org/Genes/TACSTD1ID42459ch2p21.html) |
| M21616 (Alias) | 5q32  | [PDGFRB](http://atlasgeneticsoncology.org/Genes/PDGFRBID21ch5q32.html) |
| M4S1 (Alias) | 2p21  | [EPCAM](http://atlasgeneticsoncology.org/Genes/TACSTD1ID42459ch2p21.html) |
| M68 (Alias) | 20q13.33  | [TNFRSF6B](http://atlasgeneticsoncology.org/Genes/TNFRSF6BID42628ch20q13.html) |
| M6P1 (Alias) | 6q14.1  | [TPBG](http://atlasgeneticsoncology.org/Genes/TPBGID42675ch6q14.html) |
| M6P/IGF2R (Alias) | 6q25.3  | [IGF2R](http://atlasgeneticsoncology.org/Genes/IGF2RID380.html) |
| M7V1 (Alias) | 19q13.32  | [SLC1A5](http://atlasgeneticsoncology.org/Genes/SLC1A5ID42313ch19q13.html) |
| M7VS1 (Alias) | 19q13.32  | [SLC1A5](http://atlasgeneticsoncology.org/Genes/SLC1A5ID42313ch19q13.html) |
| MA387 (Alias) | 1q21.3  | [S100A8](http://atlasgeneticsoncology.org/Genes/S100A8ID46446ch1q21.html) |
| MA3 (Alias) | 10q25.2  | [PDCD4](http://atlasgeneticsoncology.org/Genes/PDCD4ID41675ch10q24.html) |
| MAAB (Alias) | 17q23.2  | [BCAS3](http://atlasgeneticsoncology.org/Genes/BCAS3ID766.html) |
| MAC2 (Alias) | 14q22.3  | [LGALS3](http://atlasgeneticsoncology.org/Genes/LGALS3ID44396ch14q22.html) |
| MAC387 (Alias) | 1q21.3  | [S100A9](http://atlasgeneticsoncology.org/Genes/S100A9ID45569ch1q21.html) |
| MACH (Alias) | 2q33.1  | [CASP8](http://atlasgeneticsoncology.org/Genes/CASP8ID925ch2q33.html) |
| MACIF (Alias) | 11p13  | [CD59](http://atlasgeneticsoncology.org/Genes/CD59ID985ch11p13.html) |
| MAC-IP (Alias) | 11p13  | [CD59](http://atlasgeneticsoncology.org/Genes/CD59ID985ch11p13.html) |

|  |  |  |
| --- | --- | --- |
| [MACROD1](http://atlasgeneticsoncology.org/Genes/MACROD1ID50947ch11q13.html) | 11q13.1  | MACROD1 (MACRO domain containing 1) |
|  |  |  |
| Macrophage stimulating protein receptor (MSP-receptor) (Alias) | 3p21.31  | [MST1R](http://atlasgeneticsoncology.org/Genes/RONID287.html) |
| MACS (Alias) | 6q21  | [MARCKS](http://atlasgeneticsoncology.org/Genes/MARCKSID50926ch6q21.html) |
| MAD2A (Alias) | 4q27  | [MAD2L1](http://atlasgeneticsoncology.org/Genes/MAD2L1ID304.html) |
| MAD2 (Alias) | 4q27  | [MAD2L1](http://atlasgeneticsoncology.org/Genes/MAD2L1ID304.html) |
| [MAD2L1](http://atlasgeneticsoncology.org/Genes/MAD2L1ID304.html) | 4q27  | MAD2L1 (mitotic arrest deficient 2, yeast, human homolog like-1) |
|  |  |  |
| MAD3L (Alias) | 15q15.1  | [BUB1B](http://atlasgeneticsoncology.org/Genes/BUB1BID854ch15q15.html) |
| MADH2 (Alias) | 18q21.1  | [SMAD2](http://atlasgeneticsoncology.org/Genes/SMAD2ID370.html) |
| MADH4 (Alias) | 18q21.2  | [SMAD4](http://atlasgeneticsoncology.org/Genes/SMAD4ID371.html) |
| MADM (Alias) | 15q21.3  | [ADAM10](http://atlasgeneticsoncology.org/Genes/ADAM10ID44397ch15q21.html) |
| MADR2 (Alias) | 18q21.1  | [SMAD2](http://atlasgeneticsoncology.org/Genes/SMAD2ID370.html) |
| Maf-A, (Alias) | 8q24.3  | [MAFA](http://atlasgeneticsoncology.org/Genes/MAFAID41235ch8q24.html) |
| [MAFA](http://atlasgeneticsoncology.org/Genes/MAFAID41235ch8q24.html) | 8q24.3  | MAFA (v-maf musculoaponeurotic fibrosarcoma oncogene homolog A (avian)) |
|  |  |  |
| [MAFB](http://atlasgeneticsoncology.org/Genes/MAFBID41236ch20q11.html) | 20q12  | MAFB (v-maf avian musculoaponeurotic fibrosarcoma oncogene homolog B) |
|  |  |  |
| [MAF](http://atlasgeneticsoncology.org/Genes/MAFID41234ch16q23.html) | 16q23.2  | MAF (v-maf musculoaponeurotic fibrosarcoma oncogene homolog (avian)) |
|  |  |  |
| MAGE3 (Alias) | Xq28  | [MAGEA3](http://atlasgeneticsoncology.org/Genes/MAGEA3ID41247chXq28.html) |
| [MAGEA3](http://atlasgeneticsoncology.org/Genes/MAGEA3ID41247chXq28.html) | Xq28  | MAGEA3 (melanoma antigen family A, 3) |
|  |  |  |
| MAGEA6 (Alias) | Xq28  | [MAGEA3](http://atlasgeneticsoncology.org/Genes/MAGEA3ID41247chXq28.html) |
| MAGE-d3 (Alias) | Xp11.21  | [TRO](http://atlasgeneticsoncology.org/Genes/TROID47688chXp11.html) |
| MAGED3 (Alias) | Xp11.21  | [TRO](http://atlasgeneticsoncology.org/Genes/TROID47688chXp11.html) |
| [MAL](http://atlasgeneticsoncology.org/Genes/MALID46222ch2q11.html) | 2q11.1  | MAL (mal, T-cell differentiation protein) |
|  |  |  |
| MAL (megakaryocytic acute leukaemia) (Alias) | 22q13.1  | [MKL1](http://atlasgeneticsoncology.org/Genes/MALID352.html) |
| [MALT1](http://atlasgeneticsoncology.org/Genes/MALT1ID240.html) | 18q21.32  | MALT1 (mucosa associated lymphoid tissue lymphoma translocation gene 1) |
|  |  |  |
| [MAML2](http://atlasgeneticsoncology.org/Genes/MAML2ID472.html) | 11q21  | MAML2 (mastermind-like 2) |
|  |  |  |
| MANSC2 (Alias) | 15q15.1  | [SPINT1](http://atlasgeneticsoncology.org/Genes/SPINT1ID44384ch15q15.html) |
| MAP17 (Alias) | 1p33  | [PDZK1IP1](http://atlasgeneticsoncology.org/Genes/PDZK1IP1ID41268ch1p33.html) |
| MAP-1 (Alias) | 14q32.12  | [MOAP1](http://atlasgeneticsoncology.org/Genes/MOAP1ID46494ch14q32.html) |
| MAP2A (Alias) | 2q34  | [MAP2](http://atlasgeneticsoncology.org/Genes/MAP2ID44216ch2q34.html) |
| MAP2 (Alias) | 12q22  | [METAP2](http://atlasgeneticsoncology.org/Genes/METAP2ID46053ch12q22.html) |
| MAP2B (Alias) | 2q34  | [MAP2](http://atlasgeneticsoncology.org/Genes/MAP2ID44216ch2q34.html) |
| MAP2C (Alias) | 2q34  | [MAP2](http://atlasgeneticsoncology.org/Genes/MAP2ID44216ch2q34.html) |
| [MAP2](http://atlasgeneticsoncology.org/Genes/MAP2ID44216ch2q34.html) | 2q34  | MAP2 (microtubule-associated protein 2) |
| [MAP2K4](http://atlasgeneticsoncology.org/Genes/MAP2K4ID244ch17p12.html) | 17p12  | MAP2K4 (mitogen-activated protein kinase kinase 4) |
|  |  |  |
| [MAP2](http://atlasgeneticsoncology.org/Genes/MAP2ID44216ch2q34.html) | 2q34  | MAP2 (microtubule-associated protein 2) |
| [MAP3K7](http://atlasgeneticsoncology.org/Genes/MAP3K7ID454ch6q15.html) | 6q15  | MAP3K7 (mitogen-activated protein kinase kinase kinase 7) |
|  |  |  |
| MAP-4 (Alias) | 3p21.31  | [MAP4](http://atlasgeneticsoncology.org/Genes/MAP4ID44410ch3p21.html) |
| [MAP4](http://atlasgeneticsoncology.org/Genes/MAP4ID44410ch3p21.html) | 3p21.31  | MAP4 (microtubule-associated protein 4) |
|  |  |  |
| MAPE (Alias) | 22q11.22  | [PRAME](http://atlasgeneticsoncology.org/Genes/PRAMEID41828ch22q11.html) |
| [MAPK10](http://atlasgeneticsoncology.org/Genes/JNK3ID427.html) | 4q21.3  | MAPK10 (mitogen-activated protein kinase 10) |
|  |  |  |
| [MAPK12](http://atlasgeneticsoncology.org/Genes/MAPK12ID41290ch22q13.html) | 22q13.33  | MAPK12 (mitogen-activated protein kinase 12) |
|  |  |  |
| [MAPK13](http://atlasgeneticsoncology.org/Genes/MAPK13ID41291ch6p21.html) | 6p21.31  | MAPK13 (mitogen-activated protein kinase 13) |
|  |  |  |
| [MAPK14](http://atlasgeneticsoncology.org/Genes/MAPK14ID41292ch6p21.html) | 6p21.31  | MAPK14 (mitogen-activated protein kinase 14) |
|  |  |  |
| MAPK 1 (Alias) | 16p11.2  | [MAPK3](http://atlasgeneticsoncology.org/Genes/MAPK3ID425ch16p11.html) |
| [MAPK1](http://atlasgeneticsoncology.org/Genes/MAPK1ID41288ch22q11.html) | 22q11.21  | MAPK1 (mitogen-activated protein kinase 1) |
|  |  |  |
| MAPK2 (Alias) | 22q11.21  | [MAPK1](http://atlasgeneticsoncology.org/Genes/MAPK1ID41288ch22q11.html) |
| [MAPK3](http://atlasgeneticsoncology.org/Genes/MAPK3ID425ch16p11.html) | 16p11.2  | MAPK3 (mitogen-activated protein kinase 3) |
|  |  |  |
| [MAPK4](http://atlasgeneticsoncology.org/Genes/MAPK4ID41293ch18q21.html) | 18q21.1  | MAPK4 (mitogen-activated protein kinase 4) |
|  |  |  |
| [MAPK6](http://atlasgeneticsoncology.org/Genes/MAPK6ID43349ch15q21.html) | 15q21.2  | MAPK6 (mitogen-activated protein kinase 6) |
|  |  |  |
| [MAPK7](http://atlasgeneticsoncology.org/Genes/MAPK7ID41294ch17p11.html) | 17p11.2  | MAPK7 (mitogen-activated protein kinase 7) |
|  |  |  |
| [MAPK8](http://atlasgeneticsoncology.org/Genes/JNK1ID196.html) | 10q11.22  | MAPK8 (mitogen-activated protein kinase 8) |
|  |  |  |
| [MAPK9](http://atlasgeneticsoncology.org/Genes/JNK2ID426.html) | 5q35.3  | MAPK9 (mitogen-activated protein kinase 9) |
|  |  |  |
| MAPKAPK1A (Alias) | 1p36.11  | [RPS6KA1](http://atlasgeneticsoncology.org/Genes/RPS6KA1ID43477ch1p36.html) |
| MAPKAPK-2 (Alias) | 1q32.1  | [MAPKAPK2](http://atlasgeneticsoncology.org/Genes/MAPKAPK2ID41295ch1q32.html) |
| [MAPKAPK2](http://atlasgeneticsoncology.org/Genes/MAPKAPK2ID41295ch1q32.html) | 1q32.1  | MAPKAPK2 (mitogen-activated protein kinase-activated protein kinase 2) |
|  |  |  |
| MAPKK4 (Alias) | 17p12  | [MAP2K4](http://atlasgeneticsoncology.org/Genes/MAP2K4ID244ch17p12.html) |
| MAPM (Alias) | 15q23  | [ANP32A](http://atlasgeneticsoncology.org/Genes/ANP32AID647ch15q23.html) |
| [MAPRE1](http://atlasgeneticsoncology.org/Genes/MAPRE1ID455ch20q11.html) | 20q11.21  | MAPRE1 (Microtubule-associated protein, RP/EB family, member 1) |
|  |  |  |
| Mar2 (Alias) | 7q21.3  | [PEG10](http://atlasgeneticsoncology.org/Genes/PEG10ID44104ch7q21.html) |
| MAR (Alias) | 5q31.1  | [IRF1](http://atlasgeneticsoncology.org/Genes/IRF1ID40990ch5q23.html) |
| [MARCKS](http://atlasgeneticsoncology.org/Genes/MARCKSID50926ch6q21.html) | 6q21  | MARCKS (myristoylated alanine-rich protein kinase C substrate) |
|  |  |  |
| [MARK4](http://atlasgeneticsoncology.org/Genes/MARK4ID419.html) | 19q13.32  | MARK4 (MAP/microtubule affinity-regulating kinase 4) |
|  |  |  |
| MARKL1 (Alias) | 19q13.32  | [MARK4](http://atlasgeneticsoncology.org/Genes/MARK4ID419.html) |
| Mart2 (Alias) | 7q21.3  | [PEG10](http://atlasgeneticsoncology.org/Genes/PEG10ID44104ch7q21.html) |
| MASA (Alias) | Xq28  | [L1CAM](http://atlasgeneticsoncology.org/Genes/L1CAMID44110chXq28.html) |
| MASH1 (Alias) | 12q23.2  | [ASCL1](http://atlasgeneticsoncology.org/Genes/ASCL1ID713ch12q23.html) |
| Maspin (Alias) | 18q21.33  | [SERPINB5](http://atlasgeneticsoncology.org/Genes/SerpinB5ID42267.html) |
| MAT1 (Alias) | 1q23.2  | [PEA15](http://atlasgeneticsoncology.org/Genes/PEA15ID46286ch1q21.html) |
| MAT1H (Alias) | 1q23.2  | [PEA15](http://atlasgeneticsoncology.org/Genes/PEA15ID46286ch1q21.html) |
| MAT8 (Alias) | 19q13.12  | [FXYD3](http://atlasgeneticsoncology.org/Genes/FXYD3ID43704ch19q13.html) |
| Maxp1 (Alias) | 1q32.1  | [RASSF5](http://atlasgeneticsoncology.org/Genes/RASSF5ID42059ch1q32.html) |
| MAY1 (Alias) | 3p21.1  | [PRKCD](http://atlasgeneticsoncology.org/Genes/PRKCDID42901ch3p21.html) |
| [MBD2](http://atlasgeneticsoncology.org/Genes/MBD2ID41309ch18q21.html) | 18q21.2  | MBD2 (methyl CpG binding domain protein 2) |
|  |  |  |
| [MBD4](http://atlasgeneticsoncology.org/Genes/MBD4ID41312ch3q21.html) | 3q21.3  | MBD4 (methyl-CpG binding domain protein 4) |
|  |  |  |
| MBP-1 (Alias) | 1p36.23  | [ENO1](http://atlasgeneticsoncology.org/Genes/ENO1ID40453ch1p36.html) |
| MBPB1 (Alias) | 1p36.23  | [ENO1](http://atlasgeneticsoncology.org/Genes/ENO1ID40453ch1p36.html) |
| MC56 (Alias) | 11p13  | [CD44](http://atlasgeneticsoncology.org/Genes/CD44ID980CH11p13.html) |
| [MCAM](http://atlasgeneticsoncology.org/Genes/MCAMID41314ch11q23.html) | 11q23.3  | MCAM (melanoma cell adhesion molecule) |
|  |  |  |
| MCAP (Alias) | 19p13.12  | [BRD4](http://atlasgeneticsoncology.org/Genes/BRD4ID837ch19p13.html) |
| MCC1 (Alias) | 5q22.2  | [MCC](http://atlasgeneticsoncology.org/Genes/MCCID330ch5q22.html) |
| [MCC](http://atlasgeneticsoncology.org/Genes/MCCID330ch5q22.html) | 5q22.2  | MCC (mutated in colorectal cancers) |
|  |  |  |
| MCH3 (Alias) | 10q25.3  | [CASP7](http://atlasgeneticsoncology.org/Genes/CASP7ID924ch10q25.html) |
| MCH5 (Alias) | 2q33.1  | [CASP8](http://atlasgeneticsoncology.org/Genes/CASP8ID925ch2q33.html) |
| MCH6 (Alias) | 1p36.21  | [CASP9](http://atlasgeneticsoncology.org/Genes/CASP9ID423ch1p36.html) |
| MCK10 (Alias) | 6p21.33  | [DDR1](http://atlasgeneticsoncology.org/Genes/DDR1ID40280ch6p21.html) |
| [MCM5](http://atlasgeneticsoncology.org/Genes/MCM5ID41321ch22q12.html) | 22q12.3  | MCM5 (minichromosome maintenance complex component 5) |
|  |  |  |
| MCMP (Alias) | 10q26.2  | [ADAM12](http://atlasgeneticsoncology.org/Genes/ADAM12ID44084ch10q26.html) |
| MCMP (Alias) | 8p11.22  | [ADAM9](http://atlasgeneticsoncology.org/Genes/ADAM9ID573ch8p11.html) |
| MCMPMltna (Alias) | 10q26.2  | [ADAM12](http://atlasgeneticsoncology.org/Genes/ADAM12ID44084ch10q26.html) |
| MCMT (Alias) | 19p13.2  | [DNMT1](http://atlasgeneticsoncology.org/Genes/DNMT1ID40347ch19p13.html) |
| MCOPS3 (Alias) | 3q26.33  | [SOX2](http://atlasgeneticsoncology.org/Genes/SOX2ID44064ch3q26.html) |
| MCOPS5 (Alias) | 14q22.3  | [OTX2](http://atlasgeneticsoncology.org/Genes/OTX2ID46429ch14q22.html) |
| MCOPS6 (Alias) | 14q22.2  | [BMP4](http://atlasgeneticsoncology.org/Genes/BMP4ID811ch14q22.html) |
| MCP-1-R (Alias) | 3p21.31  | [CCR2](http://atlasgeneticsoncology.org/Genes/CCR2ID964ch3p21.html) |
| MCP (Alias) | 2p11.2  | [CAPG](http://atlasgeneticsoncology.org/Genes/CAPGID44449ch2p11.html) |
| [MCPH1](http://atlasgeneticsoncology.org/Genes/MCPH1ID44370ch8p23.html) | 8p23.1  | MCPH1 (microcephalin 1) |
|  |  |  |
| MCPH5 (Alias) | 1q31.3  | [ASPM](http://atlasgeneticsoncology.org/Genes/ASPMID44463ch1q31.html) |
| MCR (Alias) | 4q31.23  | [NR3C2](http://atlasgeneticsoncology.org/Genes/NR3C2ID44262ch4q31.html) |
| MCT1 (Alias) | 1p13.2  | [SLC16A1](http://atlasgeneticsoncology.org/Genes/SLC16A1ID44046ch1p13.html) |
| MCT3 (Alias) | 17q25.3  | [SLC16A3](http://atlasgeneticsoncology.org/Genes/SLC16A3ID44573ch17q25.html) |
| MCT4 (Alias) | 17q25.3  | [SLC16A3](http://atlasgeneticsoncology.org/Genes/SLC16A3ID44573ch17q25.html) |
| MCT (Alias) | 8p23.1  | [MCPH1](http://atlasgeneticsoncology.org/Genes/MCPH1ID44370ch8p23.html) |
| MCT (Alias) | 1p13.2  | [SLC16A1](http://atlasgeneticsoncology.org/Genes/SLC16A1ID44046ch1p13.html) |
| MCTO (Alias) | 20q12  | [MAFB](http://atlasgeneticsoncology.org/Genes/MAFBID41236ch20q11.html) |
| MDA-6 (melanoma differentiation-asssociated protein-1) (Alias) | 6p21.2  | [CDKN1A](http://atlasgeneticsoncology.org/Genes/CDKN1AID139.html) |
| MDA-9 (Alias) | 8q12.1  | [SDCBP](http://atlasgeneticsoncology.org/Genes/SDCBPID44377ch8q12.html) |
| MDA-BF-1 (Alias) | 12q13.2  | [ERBB3](http://atlasgeneticsoncology.org/Genes/ERBB3ID40479ch12q13.html) |
| MDC3 (Alias) | 2q33.3  | [ADAM23](http://atlasgeneticsoncology.org/Genes/ADAM23ID44041ch2q33.html) |
| MDC9 (Alias) | 8p11.22  | [ADAM9](http://atlasgeneticsoncology.org/Genes/ADAM9ID573ch8p11.html) |
| MDIG (Alias) | 3q11.2  | [MINA](http://atlasgeneticsoncology.org/Genes/MINAID44409ch3q11.html) |
| [MDM2](http://atlasgeneticsoncology.org/Genes/MDM2ID115ch12q15.html) | 12q15  | MDM2 (transformed mouse 3T3 cell double minute 2, p53 binding protein) |
|  |  |  |
| MDR1 (multidrug resistance 1) (Alias) | 7q21.12  | [ABCB1](http://atlasgeneticsoncology.org/Genes/PGY1ID105.html) |
| MDR-NF1 (Alias) | 1p34.2  | [YBX1](http://atlasgeneticsoncology.org/Genes/YBX1ID46554ch1p34.html) |
| [MDS2](http://atlasgeneticsoncology.org/Genes/MDS2ID476.html) | 1p36.11  | MDS2 (myelodysplastic syndrome 2 translocation associated) |
|  |  |  |
| MDS (Alias) | 4q24  | [TET2](http://atlasgeneticsoncology.org/Genes/TET2ID40597ch4q24.html) |
| MDU2 (Alias) | 11p13  | [CD44](http://atlasgeneticsoncology.org/Genes/CD44ID980CH11p13.html) |
| MDU3 (Alias) | 11p13  | [CD44](http://atlasgeneticsoncology.org/Genes/CD44ID980CH11p13.html) |
| ME5 (Alias) | 4q35.2  | [FAT1](http://atlasgeneticsoncology.org/Genes/FAT1ID40533ch4q35.html) |
| MEC1 (Alias) | 3q23  | [ATR](http://atlasgeneticsoncology.org/Genes/ATRID728ch3q23.html) |
| MECIL (Alias) | 12p12.3  | [GUCY2C](http://atlasgeneticsoncology.org/Genes/GUCY2CID43303ch12p13.html) |
| [MECOM](http://atlasgeneticsoncology.org/Genes/EVI103q26ID19.html) | 3q26.2  | MECOM (Ecotropic Viral Integration Site 1 (EVI1) and Myelodysplastic Syndrome 1 (MDS1-EVI1) |
|  |  |  |
| MECT1 (Alias) | 19p13.11  | [CRTC1](http://atlasgeneticsoncology.org/Genes/CRTC1ID471ch19p13.html) |
| MED1 (Alias) | 3q21.3  | [MBD4](http://atlasgeneticsoncology.org/Genes/MBD4ID41312ch3q21.html) |
| [MED28](http://atlasgeneticsoncology.org/Genes/MED28ID50131ch4p15.html) | 4p15.32  | MED28 (mediator complex subunit 28) |
|  |  |  |
| [MEF2D](http://atlasgeneticsoncology.org/Genes/MEF2DID43636ch1q22.html) | 1q22  | MEF2D (myocyte enhancer factor 2D) |
|  |  |  |
| MEF3L (Alias) | 7q21.3  | [PEG10](http://atlasgeneticsoncology.org/Genes/PEG10ID44104ch7q21.html) |
| MEF (Alias) | Xq26.1  | [ELF4](http://atlasgeneticsoncology.org/Genes/ELF4ID42990chXq26.html) |
| MEG-1 (Alias) | 7p12.1  | [GRB10](http://atlasgeneticsoncology.org/Genes/GRB10ID278.html) |
| [MEG3](http://atlasgeneticsoncology.org/Genes/MEG3ID44393ch14q32.html) | 14q32.2  | MEG3 (maternally expressed 3) |
|  |  |  |
| MEGF5 (Alias) | 5q34  | [SLIT3](http://atlasgeneticsoncology.org/Genes/SLIT3ID50515ch5q34.html) |
| [MEIS1](http://atlasgeneticsoncology.org/Genes/MEIS1ID41331ch2p14.html) | 2p14  | MEIS1 (Meis homeobox 1) |
|  |  |  |
| MEK4 (Alias) | 17p12  | [MAP2K4](http://atlasgeneticsoncology.org/Genes/MAP2K4ID244ch17p12.html) |
| MEL1 (MDS1/EVI1-like gene) (Alias) | 1p36.32  | [PRDM16](http://atlasgeneticsoncology.org/Genes/PRDM16MEL1ID408.html) |
| Melastatin-1 (Alias) | 15q13.3  | [TRPM1](http://atlasgeneticsoncology.org/Genes/TRPM1ID42707ch15q13.html) |
| MelG (Alias) | 19p13.2  | [ELAVL1](http://atlasgeneticsoncology.org/Genes/ELAVL1ID44237ch19p13.html) |
| [MELK](http://atlasgeneticsoncology.org/Genes/MELKID43360ch9p13.html) | 9p13.2  | MELK (maternal embryonic leucine zipper kinase) |
|  |  |  |
| Meltrin-alpha (Alias) | 10q26.2  | [ADAM12](http://atlasgeneticsoncology.org/Genes/ADAM12ID44084ch10q26.html) |
| Meltrin-gamma (Alias) | 8p11.22  | [ADAM9](http://atlasgeneticsoncology.org/Genes/ADAM9ID573ch8p11.html) |
| MEM43 (Alias) | 11p13  | [CD59](http://atlasgeneticsoncology.org/Genes/CD59ID985ch11p13.html) |
| [MEN1](http://atlasgeneticsoncology.org/Genes/MEN1ID148.html) | 11q13.1  | MEN1 (multiple endocrine neoplasia I) |
|  |  |  |
| MENA (Alias) | 1q42.12  | [ENAH](http://atlasgeneticsoncology.org/Genes/ENAHID44148ch1q42.html) |
| MEN (myeloid eleven nineteen translocation: <-- WARNING: unrelated to and ); ELL-PEN (Alias) | 19p13.11  | [ELL](http://atlasgeneticsoncology.org/Genes/ELLID10.html) |
| MEP50 (Alias) | 1p13.2  | [WDR77](http://atlasgeneticsoncology.org/Genes/WDR77ID44142ch1p13.html) |
| MEP (Alias) | 9q21.33  | [CTSL](http://atlasgeneticsoncology.org/Genes/CTSL1ID40208ch9q21.html) |
| MER2 (Alias) | 11p15.5  | [CD151](http://atlasgeneticsoncology.org/Genes/CD151ID967ch11p15.html) |
| MER (Alias) | 2q13  | [MERTK](http://atlasgeneticsoncology.org/Genes/MERTKID41339ch2q13.html) |
| MerTK (Alias) | 2q13  | [MERTK](http://atlasgeneticsoncology.org/Genes/MERTKID41339ch2q13.html) |
| [MERTK](http://atlasgeneticsoncology.org/Genes/MERTKID41339ch2q13.html) | 2q13  | MERTK (c-mer proto-oncogene tyrosine kinase) |
|  |  |  |
| [METAP2](http://atlasgeneticsoncology.org/Genes/METAP2ID46053ch12q22.html) | 12q22  | METAP2 (methionyl aminopeptidase 2) |
|  |  |  |
| METCAM (Alias) | 11q23.3  | [MCAM](http://atlasgeneticsoncology.org/Genes/MCAMID41314ch11q23.html) |
| METH-1 (Alias) | 21q21.3  | [ADAMTS1](http://atlasgeneticsoncology.org/Genes/ADAMTS1ID574ch21q21.html) |
| METH1 (Alias) | 21q21.3  | [ADAMTS1](http://atlasgeneticsoncology.org/Genes/ADAMTS1ID574ch21q21.html) |
| [MET](http://atlasgeneticsoncology.org/Genes/METID131.html) | 7q31.2  | MET met proto-oncogene (hepatocyte growth factor receptor) |
|  |  |  |
| MF1 (Alias) | 11q12.2  | [FEN1](http://atlasgeneticsoncology.org/Genes/FEN1ID40543ch11q12.html) |
| MFM6 (Alias) | 10q26.11  | [BAG3](http://atlasgeneticsoncology.org/Genes/BAG3ID43160ch10q26.html) |
| MFS2 (Alias) | 3p24.1  | [TGFBR2](http://atlasgeneticsoncology.org/Genes/TGFBR2ID372ch3p24.html) |
| MFT1 (Alias) | 16q12.1  | [CYLD](http://atlasgeneticsoncology.org/Genes/CYLDID40232ch16q12.html) |
| MFT (Alias) | 16q12.1  | [CYLD](http://atlasgeneticsoncology.org/Genes/CYLDID40232ch16q12.html) |
| MGC102688 (Alias) | 11q13.1  | [SIPA1](http://atlasgeneticsoncology.org/Genes/SIPA1ID46282ch11q13.html) |
| MGC102824 (Alias) | 1p34.2  | [CDC20](http://atlasgeneticsoncology.org/Genes/CDC20ID40003ch1p34.html) |
| MGC10367 (Alias) | 2q14.3  | [BIN1](http://atlasgeneticsoncology.org/Genes/BIN1ID794ch2q14.html) |
| MGC103790 (Alias) | 6p22.2  | [HFE](http://atlasgeneticsoncology.org/Genes/HFEID44099ch6p22.html) |
| MGC103828 (Alias) | 3p21.31  | [CCR2](http://atlasgeneticsoncology.org/Genes/CCR2ID964ch3p21.html) |
| MGC104324 (Alias) | 1q44  | [SMYD3](http://atlasgeneticsoncology.org/Genes/SMYD3ID46100ch1q44.html) |
| MGC104522 (Alias) | 6q23.3  | [TNFAIP3](http://atlasgeneticsoncology.org/Genes/TNFAIP3ID42600ch6q23.html) |
| MGC10468 (Alias) | 11p13  | [CD44](http://atlasgeneticsoncology.org/Genes/CD44ID980CH11p13.html) |
| MGC104802 (Alias) | 2q37.1  | [PTMA](http://atlasgeneticsoncology.org/Genes/PTMAID44094ch2q37.html) |
| MGC104858 (Alias) | 1p34.2  | [YBX1](http://atlasgeneticsoncology.org/Genes/YBX1ID46554ch1p34.html) |
| MGC10823 (Alias) | 1q32.1  | [RASSF5](http://atlasgeneticsoncology.org/Genes/RASSF5ID42059ch1q32.html) |
| MGC10967 (Alias) | 16p12.1  | [IL21R](http://atlasgeneticsoncology.org/Genes/IL21RID40955ch16p12.html) |
| MGC110940 (Alias) | 4q22.1  | [SPP1](http://atlasgeneticsoncology.org/Genes/SPP1ID42379ch4q22.html) |
| MGC110976 (Alias) | 1p34.2  | [YBX1](http://atlasgeneticsoncology.org/Genes/YBX1ID46554ch1p34.html) |
| MGC110993 (Alias) | 10q22.1  | [PSAP](http://atlasgeneticsoncology.org/Genes/PSAPID42980ch10q22.html) |
| MGC111017 (Alias) | 5p15.33  | [PDCD6](http://atlasgeneticsoncology.org/Genes/PDCD6ID43402ch5p15.html) |
| MGC111133 (Alias) | 1q21.3  | [S100A10](http://atlasgeneticsoncology.org/Genes/S100A10ID44145ch1q21.html) |
| MGC111379 (Alias) | 14q32.11  | [GPR68](http://atlasgeneticsoncology.org/Genes/GPR68ID40745ch14q32.html) |
| MGC111425 (Alias) | Xq26.1  | [AIFM1](http://atlasgeneticsoncology.org/Genes/AIFM1ID44053chXq25.html) |
| MGC111539 (Alias) | 1q21.3  | [S100A2](http://atlasgeneticsoncology.org/Genes/S100A2ID42191ch1q21.html) |
| MGC111558 (Alias) | 2q31.1  | [ATF2](http://atlasgeneticsoncology.org/Genes/ATF2ID718ch2q31.html) |
| MGC111573 (Alias) | 4q23  | [EIF4E](http://atlasgeneticsoncology.org/Genes/EIF4EID40431ch4q23.html) |
| MGC111760 (Alias) | 3p21.31  | [CCR2](http://atlasgeneticsoncology.org/Genes/CCR2ID964ch3p21.html) |
| MGC116750 (Alias) | 17q21.31  | [SLC4A1](http://atlasgeneticsoncology.org/Genes/SLC4A1ID42325ch17q21.html) |
| MGC116753 (Alias) | 17q21.31  | [SLC4A1](http://atlasgeneticsoncology.org/Genes/SLC4A1ID42325ch17q21.html) |
| MGC116827 (Alias) | 19q13.41  | [KLK4](http://atlasgeneticsoncology.org/Genes/KLK4ID41084ch19q13.html) |
| MGC116828 (Alias) | 19q13.41  | [KLK4](http://atlasgeneticsoncology.org/Genes/KLK4ID41084ch19q13.html) |
| MGC116875 (Alias) | 18q11.2  | [SS18](http://atlasgeneticsoncology.org/Genes/SS18ID84ch18q11.html) |
| MGC117034 (Alias) | 18q12.1  | [DSG2](http://atlasgeneticsoncology.org/Genes/DSG2ID40367ch18q12.html) |
| MGC117036 (Alias) | 18q12.1  | [DSG2](http://atlasgeneticsoncology.org/Genes/DSG2ID40367ch18q12.html) |
| MGC117037 (Alias) | 18q12.1  | [DSG2](http://atlasgeneticsoncology.org/Genes/DSG2ID40367ch18q12.html) |
| MGC117250 (Alias) | 1p34.2  | [YBX1](http://atlasgeneticsoncology.org/Genes/YBX1ID46554ch1p34.html) |
| MGC117255 (Alias) | 6p21.31  | [BAK1](http://atlasgeneticsoncology.org/Genes/BAK1ID752ch6p21.html) |
| MGC117280 (Alias) | 20q11.21  | [ASXL1](http://atlasgeneticsoncology.org/Genes/ASXL1ID44553ch20q11.html) |
| MGC117283 (Alias) | 20q13.13  | [CSE1L](http://atlasgeneticsoncology.org/Genes/CSE1LID40159ch20q13.html) |
| MGC117382 (Alias) | 4p16.3  | [TACC3](http://atlasgeneticsoncology.org/Genes/TACC3ID42458ch4p16.html) |
| MGC117401 (Alias) | 14q32.2  | [VRK1](http://atlasgeneticsoncology.org/Genes/VRK1ID43556ch14q32.html) |
| MGC119050 (Alias) | 5p15.33  | [PDCD6](http://atlasgeneticsoncology.org/Genes/PDCD6ID43402ch5p15.html) |
| MGC119055 (Alias) | Xp11.22  | [SSX2](http://atlasgeneticsoncology.org/Genes/SSX2ID42406chXp11.html) |
| MGC119305 (Alias) | 1q32.3  | [SMYD2](http://atlasgeneticsoncology.org/Genes/SMYD2ID47098ch1q32.html) |
| MGC119334 (Alias) | 11q13.5  | [B3GNT6](http://atlasgeneticsoncology.org/Genes/B3GNT6ID44427ch11q13.html) |
| MGC119336 (Alias) | 11q13.5  | [B3GNT6](http://atlasgeneticsoncology.org/Genes/B3GNT6ID44427ch11q13.html) |
| MGC119337 (Alias) | 11q13.5  | [B3GNT6](http://atlasgeneticsoncology.org/Genes/B3GNT6ID44427ch11q13.html) |
| MGC119478 (Alias) | 11q13.2  | [CD248](http://atlasgeneticsoncology.org/Genes/CD248ID968ch11q13.html) |
| MGC119479 (Alias) | 11q13.2  | [CD248](http://atlasgeneticsoncology.org/Genes/CD248ID968ch11q13.html) |
| MGC119750 (Alias) | 9p24.1  | [PTPRD](http://atlasgeneticsoncology.org/Genes/PTPRDID41927ch9p23.html) |
| MGC119751 (Alias) | 9p24.1  | [PTPRD](http://atlasgeneticsoncology.org/Genes/PTPRDID41927ch9p23.html) |
| MGC119752 (Alias) | 9p24.1  | [PTPRD](http://atlasgeneticsoncology.org/Genes/PTPRDID41927ch9p23.html) |
| MGC119753 (Alias) | 9p24.1  | [PTPRD](http://atlasgeneticsoncology.org/Genes/PTPRDID41927ch9p23.html) |
| MGC120059 (Alias) | 8q13.1  | [MYBL1](http://atlasgeneticsoncology.org/Genes/MYBL1ID41468ch8q13.html) |
| MGC120061 (Alias) | 8q13.1  | [MYBL1](http://atlasgeneticsoncology.org/Genes/MYBL1ID41468ch8q13.html) |
| MGC120313 (Alias) | 19q13.33  | [BCL2L12](http://atlasgeneticsoncology.org/Genes/BCL2L12ID773ch19q13.html) |
| MGC120314 (Alias) | 19q13.33  | [BCL2L12](http://atlasgeneticsoncology.org/Genes/BCL2L12ID773ch19q13.html) |
| MGC120315 (Alias) | 19q13.33  | [BCL2L12](http://atlasgeneticsoncology.org/Genes/BCL2L12ID773ch19q13.html) |
| MGC120381 (Alias) | 2q36.1  | [PAX3](http://atlasgeneticsoncology.org/Genes/PAX3ID70ch2q35.html) |
| MGC120382 (Alias) | 2q36.1  | [PAX3](http://atlasgeneticsoncology.org/Genes/PAX3ID70ch2q35.html) |
| MGC120383 (Alias) | 2q36.1  | [PAX3](http://atlasgeneticsoncology.org/Genes/PAX3ID70ch2q35.html) |
| MGC120384 (Alias) | 2q36.1  | [PAX3](http://atlasgeneticsoncology.org/Genes/PAX3ID70ch2q35.html) |
| MGC125354 (Alias) | 12q23.1  | [SLC5A8](http://atlasgeneticsoncology.org/Genes/SLC5A8ID44089ch12q23.html) |
| MGC12557 (Alias) | 12p13.31  | [ING4](http://atlasgeneticsoncology.org/Genes/ING4ID40978ch12p13.html) |
| MGC125642 (Alias) | 2p22.2  | [STRN](http://atlasgeneticsoncology.org/Genes/STRNID44243ch2p22.html) |
| MGC126241 (Alias) | 8q24.13  | [HAS2](http://atlasgeneticsoncology.org/Genes/HAS2ID412ch8q24.html) |
| MGC126242 (Alias) | 8q24.13  | [HAS2](http://atlasgeneticsoncology.org/Genes/HAS2ID412ch8q24.html) |
| MGC126245 (Alias) | 6p21.32  | [DAXX](http://atlasgeneticsoncology.org/Genes/DAXXID40265ch6p21.html) |
| MGC126246 (Alias) | 6p21.32  | [DAXX](http://atlasgeneticsoncology.org/Genes/DAXXID40265ch6p21.html) |
| MGC126257 (Alias) | 5q33.3  | [ITK](http://atlasgeneticsoncology.org/Genes/ITKID43329ch5q33.html) |
| MGC126258 (Alias) | 5q33.3  | [ITK](http://atlasgeneticsoncology.org/Genes/ITKID43329ch5q33.html) |
| MGC126261 (Alias) | Xq22.1  | [BTK](http://atlasgeneticsoncology.org/Genes/BTKID851chXq22.html) |
| MGC126262 (Alias) | Xq22.1  | [BTK](http://atlasgeneticsoncology.org/Genes/BTKID851chXq22.html) |
| MGC126275 (Alias) | 6q24.2  | [PLAGL1](http://atlasgeneticsoncology.org/Genes/PLAGL1ID41737ch6q24.html) |
| MGC126276 (Alias) | 6q24.2  | [PLAGL1](http://atlasgeneticsoncology.org/Genes/PLAGL1ID41737ch6q24.html) |
| MGC126350 (Alias) | 1q31.1  | [PLA2G4A](http://atlasgeneticsoncology.org/Genes/PLA2G4AID41733ch1q31.html) |
| MGC126582 (single database entry only) (Alias) | 17q24.1  | [AXIN2](http://atlasgeneticsoncology.org/Genes/AXIN2ID456ch17q24.html) |
| MGC126619 (Alias) | 17q21.31  | [SLC4A1](http://atlasgeneticsoncology.org/Genes/SLC4A1ID42325ch17q21.html) |
| MGC126623 (Alias) | 17q21.31  | [SLC4A1](http://atlasgeneticsoncology.org/Genes/SLC4A1ID42325ch17q21.html) |
| MGC126681 (Alias) | 3q25.2  | [MME](http://atlasgeneticsoncology.org/Genes/MMEID41386ch3q25.html) |
| MGC126707 (Alias) | 3q25.2  | [MME](http://atlasgeneticsoncology.org/Genes/MMEID41386ch3q25.html) |
| MGC126826 (Alias) | 8q12.1  | [CYP7A1](http://atlasgeneticsoncology.org/Genes/CYP7A1ID40254ch8q12.html) |
| MGC126834 (Alias) | 17p13.1  | [SHBG](http://atlasgeneticsoncology.org/Genes/SHBGID42286ch17p13.html) |
| MGC126858 (Alias) | 20q13.13  | [PTGIS](http://atlasgeneticsoncology.org/Genes/PTGISID44219ch20q13.html) |
| MGC12685 (Alias) | 10p12.2  | [BMI1](http://atlasgeneticsoncology.org/Genes/BMI1ID807ch10p12.html) |
| MGC126860 (Alias) | 20q13.13  | [PTGIS](http://atlasgeneticsoncology.org/Genes/PTGISID44219ch20q13.html) |
| MGC126883 (Alias) | 5q33.3  | [PTTG1](http://atlasgeneticsoncology.org/Genes/PTTG1ID41943ch5q35.html) |
| MGC12942 (Alias) | 3p13  | [FOXP1](http://atlasgeneticsoncology.org/Genes/FOXP1ID40632ch3p14.html) |
| MGC129596 (Alias) | 17q21.1  | [GSDMA](http://atlasgeneticsoncology.org/Genes/GSDMAID45650ch17q21.html) |
| MGC129910 (Alias) | 7q34  | [EPHB6](http://atlasgeneticsoncology.org/Genes/EPHB6ID40471ch7q34.html) |
| MGC129911 (Alias) | 7q34  | [EPHB6](http://atlasgeneticsoncology.org/Genes/EPHB6ID40471ch7q34.html) |
| MGC129934 (Alias) | 9q32  | [TNFSF15](http://atlasgeneticsoncology.org/Genes/TNFSF15ID42638ch9q32.html) |
| MGC129935 (Alias) | 9q32  | [TNFSF15](http://atlasgeneticsoncology.org/Genes/TNFSF15ID42638ch9q32.html) |
| MGC129986 (Alias) | 1q24.1  | [GPA33](http://atlasgeneticsoncology.org/Genes/GPA33ID40735ch1q23.html) |
| MGC129987 (Alias) | 1q24.1  | [GPA33](http://atlasgeneticsoncology.org/Genes/GPA33ID40735ch1q23.html) |
| MGC130000 (Alias) | 11q13.5  | [PAK1](http://atlasgeneticsoncology.org/Genes/PAK1ID41633ch11q13.html) |
| MGC130001 (Alias) | 11q13.5  | [PAK1](http://atlasgeneticsoncology.org/Genes/PAK1ID41633ch11q13.html) |
| MGC130036 (Alias) | 20q13.13  | [CSE1L](http://atlasgeneticsoncology.org/Genes/CSE1LID40159ch20q13.html) |
| MGC130037 (Alias) | 20q13.13  | [CSE1L](http://atlasgeneticsoncology.org/Genes/CSE1LID40159ch20q13.html) |
| MGC131599 (Alias) | 3p12.3  | [ROBO1](http://atlasgeneticsoncology.org/Genes/ROBO1ID42140ch3p12.html) |
| MGC131940 (Alias) | 1p31.3  | [MIER1](http://atlasgeneticsoncology.org/Genes/MIER1ID50389ch1p31.html) |
| MGC133092 (Alias) | 4q31.23  | [NR3C2](http://atlasgeneticsoncology.org/Genes/NR3C2ID44262ch4q31.html) |
| MGC133105 (Alias) | 5q32  | [SPINK7](http://atlasgeneticsoncology.org/Genes/SPINK7ID40396ch5q33.html) |
| MGC133106 (Alias) | 5q32  | [SPINK7](http://atlasgeneticsoncology.org/Genes/SPINK7ID40396ch5q33.html) |
| MGC133242 (Alias) | 4p16.3  | [TACC3](http://atlasgeneticsoncology.org/Genes/TACC3ID42458ch4p16.html) |
| MGC133277 (Alias) | 3p12.3  | [ROBO1](http://atlasgeneticsoncology.org/Genes/ROBO1ID42140ch3p12.html) |
| MGC133349 (Alias) | 2q13  | [MERTK](http://atlasgeneticsoncology.org/Genes/MERTKID41339ch2q13.html) |
| MGC133355 (Alias) | 2q31.2  | [PDE11A](http://atlasgeneticsoncology.org/Genes/PDE11AID44448ch2q31.html) |
| MGC133356 (Alias) | 2q31.2  | [PDE11A](http://atlasgeneticsoncology.org/Genes/PDE11AID44448ch2q31.html) |
| MGC13357 (Alias) | 22q13.2  | [RBX1](http://atlasgeneticsoncology.org/Genes/RBX1ID42075ch22q13.html) |
| MGC134778 (Alias) | 2q36.1  | [PAX3](http://atlasgeneticsoncology.org/Genes/PAX3ID70ch2q35.html) |
| MGC13647 (Alias) | 4q13.3  | [AREG](http://atlasgeneticsoncology.org/Genes/AREGID690ch4q13.html) |
| MGC138179 (Alias) | 1q42.12  | [MIXL1](http://atlasgeneticsoncology.org/Genes/MIXL1ID47624ch1q42.html) |
| MGC138237 (Alias) | 1q25.1  | [TNFSF18](http://atlasgeneticsoncology.org/Genes/TNFSF18ID42639ch1q25.html) |
| MGC138276 (Alias) | 5q33.3  | [PTTG1](http://atlasgeneticsoncology.org/Genes/PTTG1ID41943ch5q35.html) |
| MGC138280 (Alias) | 14q32.2  | [VRK1](http://atlasgeneticsoncology.org/Genes/VRK1ID43556ch14q32.html) |
| MGC138389 (Alias) | 8q12.1  | [CYP7A1](http://atlasgeneticsoncology.org/Genes/CYP7A1ID40254ch8q12.html) |
| MGC138391 (Alias) | 17p13.1  | [SHBG](http://atlasgeneticsoncology.org/Genes/SHBGID42286ch17p13.html) |
| MGC138472 (Alias) | 17q25.3  | [SLC16A3](http://atlasgeneticsoncology.org/Genes/SLC16A3ID44573ch17q25.html) |
| MGC138474 (Alias) | 17q25.3  | [SLC16A3](http://atlasgeneticsoncology.org/Genes/SLC16A3ID44573ch17q25.html) |
| MGC138509 (Alias) | 9q34.3  | [PAEP](http://atlasgeneticsoncology.org/Genes/PAEPID46067ch9q34.html) |
| MGC138683 (Alias) | 15q14  | [NUTM1](http://atlasgeneticsoncology.org/Genes/NUTID41595ch15q14.html) |
| MGC138687 (Alias) | 6q23.3  | [TNFAIP3](http://atlasgeneticsoncology.org/Genes/TNFAIP3ID42600ch6q23.html) |
| MGC138688 (Alias) | 6q23.3  | [TNFAIP3](http://atlasgeneticsoncology.org/Genes/TNFAIP3ID42600ch6q23.html) |
| MGC138867 (Alias) | Xp22.2  | [RBBP7](http://atlasgeneticsoncology.org/Genes/RBBP7ID42065chXp22.html) |
| MGC138868 (Alias) | Xp22.2  | [RBBP7](http://atlasgeneticsoncology.org/Genes/RBBP7ID42065chXp22.html) |
| MGC141961 (Alias) | Xp11.23  | [FOXP3](http://atlasgeneticsoncology.org/Genes/FOXP3ID44129chXp11.html) |
| MGC141963 (Alias) | Xp11.23  | [FOXP3](http://atlasgeneticsoncology.org/Genes/FOXP3ID44129chXp11.html) |
| MGC142070 (Alias) | 14q32.2  | [VRK1](http://atlasgeneticsoncology.org/Genes/VRK1ID43556ch14q32.html) |
| MGC142161 (Alias) | 3q26.32  | [PIK3CA](http://atlasgeneticsoncology.org/Genes/PIK3CAID415ch3q26.html) |
| MGC14216 (Alias) | 3q26.32  | [PIK3CA](http://atlasgeneticsoncology.org/Genes/PIK3CAID415ch3q26.html) |
| MGC142170 (Alias) | 15q26.3  | [IGF1R](http://atlasgeneticsoncology.org/Genes/IGF1RID40928ch15q26.html) |
| MGC142172 (Alias) | 15q26.3  | [IGF1R](http://atlasgeneticsoncology.org/Genes/IGF1RID40928ch15q26.html) |
| MGC142269 (Alias) | 1q32.2  | [KCNH1](http://atlasgeneticsoncology.org/Genes/KCNH1ID41048ch1q32.html) |
| MGC142288 (Alias) | 9q34.3  | [PAEP](http://atlasgeneticsoncology.org/Genes/PAEPID46067ch9q34.html) |
| MGC14458 (Alias) | 12q14.1  | [CDK4](http://atlasgeneticsoncology.org/Genes/CDK4ID238ch12q14.html) |
| MGC1448 (Alias) | 1p13.2  | [RHOC](http://atlasgeneticsoncology.org/Genes/RHOCID42110ch1p13.html) |
| MGC1481 (Alias) | 22q13.2  | [RBX1](http://atlasgeneticsoncology.org/Genes/RBX1ID42075ch22q13.html) |
| MGC149167 (Alias) | 3p21.31  | [PLXNB1](http://atlasgeneticsoncology.org/Genes/PLXNB1ID43413ch3p21.html) |
| MGC149376 (Alias) | 10q24.32  | [FGF8](http://atlasgeneticsoncology.org/Genes/FGF8ID40566ch10q24.html) |
| MGC150640 (Alias) | 1p31.3  | [MIER1](http://atlasgeneticsoncology.org/Genes/MIER1ID50389ch1p31.html) |
| MGC150641 (Alias) | 1p31.3  | [MIER1](http://atlasgeneticsoncology.org/Genes/MIER1ID50389ch1p31.html) |
| MGC1519 (Alias) | 15q25.1  | [CTSH](http://atlasgeneticsoncology.org/Genes/CTSHID40206ch15q25.html) |
| MGC15364 (Alias) | Xp11.22  | [SSX2](http://atlasgeneticsoncology.org/Genes/SSX2ID42406chXp11.html) |
| MGC15419 (Alias) | 16q24.2  | [FBXO31](http://atlasgeneticsoncology.org/Genes/FBXO31ID44280ch16q24.html) |
| MGC15600 (Alias) | 20q13.12  | [MYBL2](http://atlasgeneticsoncology.org/Genes/MYBL2ID41469ch20q13.html) |
| MGC15649 (Alias) | 22q13.1  | [SOX10](http://atlasgeneticsoncology.org/Genes/SOX10ID43768ch22q13.html) |
| MGC156983 (Alias) | 14q32.11  | [GPR68](http://atlasgeneticsoncology.org/Genes/GPR68ID40745ch14q32.html) |
| MGC161555 (Alias) | 18q21.33  | [PHLPP1](http://atlasgeneticsoncology.org/Genes/PHLPP1ID44544ch18q21.html) |
| MGC163394 (Alias) | 9q22.31  | [ROR2](http://atlasgeneticsoncology.org/Genes/ROR2ID43476ch9q22.html) |
| MGC163436 (Alias) | 3q13.13  | [KIAA1524](http://atlasgeneticsoncology.org/Genes/KIAA1524ID44402ch3q13.html) |
| MGC168006 (Alias) | 3p21.31  | [CCR2](http://atlasgeneticsoncology.org/Genes/CCR2ID964ch3p21.html) |
| MGC17037 (Alias) | 11q13.1  | [SIPA1](http://atlasgeneticsoncology.org/Genes/SIPA1ID46282ch11q13.html) |
| MGC17209 (Alias) | 11p13  | [PAX6](http://atlasgeneticsoncology.org/Genes/PAX6ID211ch11p13.html) |
| MGC17251 (Alias) | 17q24.2  | [PRKAR1A](http://atlasgeneticsoncology.org/Genes/PRKAR1AID387.html) |
| MGC17344 (Alias) | 1q32.1  | [RASSF5](http://atlasgeneticsoncology.org/Genes/RASSF5ID42059ch1q32.html) |
| MGC17785 (Alias) | 12q24.23  | [PRKAB1](http://atlasgeneticsoncology.org/Genes/PRKAB1ID44100ch12q24.html) |
| MGC18216 (Alias) | 15q26.3  | [IGF1R](http://atlasgeneticsoncology.org/Genes/IGF1RID40928ch15q26.html) |
| MGC19484 (Alias) | 7q21.13  | [STEAP1](http://atlasgeneticsoncology.org/Genes/STEAP1ID44482ch7q21.html) |
| MGC19843 (Alias) | 9q34.11  | [PRRX2](http://atlasgeneticsoncology.org/Genes/PRRX2ID42897ch9q34.html) |
| MGC20089 (Alias) | 12q24.31  | [P2RX7](http://atlasgeneticsoncology.org/Genes/P2RX7ID41623ch12q24.html) |
| MGC20180 (Alias) | 16p11.2  | [MAPK3](http://atlasgeneticsoncology.org/Genes/MAPK3ID425ch16p11.html) |
| MGC21659 (Alias) | 11q14.1  | [THRSP](http://atlasgeneticsoncology.org/Genes/THRSPID42555ch11q14.html) |
| MGC2184 (Alias) | 9q34.11  | [PPP2R4](http://atlasgeneticsoncology.org/Genes/PPP2R4ID41817ch9q34.html) |
| MGC22357 (Alias) | 6p21.32  | [AGER](http://atlasgeneticsoncology.org/Genes/AGERID594ch6p21.html) |
| MGC22466 (Alias) | 14q11.2  | [ANG](http://atlasgeneticsoncology.org/Genes/ANGID635ch14q11.html) |
| MGC2306 (Alias) | 3q21.3  | [GATA2](http://atlasgeneticsoncology.org/Genes/GATA2ID44160ch3q21.html) |
| MGC2346 (Alias) | 10p14  | [GATA3](http://atlasgeneticsoncology.org/Genes/GATA3ID107ch10p14.html) |
| MGC2413 (Alias) | 3q26.33  | [SOX2](http://atlasgeneticsoncology.org/Genes/SOX2ID44064ch3q26.html) |
| MGC24903 (Alias) | 8p21.1  | [CLU](http://atlasgeneticsoncology.org/Genes/CLUID40107ch8p21.html) |
| MGC26306 (Alias) | 9q21.11  | [TJP2](http://atlasgeneticsoncology.org/Genes/TJP2ID44347ch9q21.html) |
| MGC26465 (Alias) | 14q23.3  | [FUT8](http://atlasgeneticsoncology.org/Genes/FUT8ID40649ch14q23.html) |
| MGC26498 (Alias) | 7p14.1  | [SFRP4](http://atlasgeneticsoncology.org/Genes/SFRP4ID42277ch7p14.html) |
| MGC26532 (Alias) | 7q31.32  | [SPAM1](http://atlasgeneticsoncology.org/Genes/SPAM1ID42361ch7q31.html) |
| MGC26711 (Alias) | 20q13.33  | [SS18L1](http://atlasgeneticsoncology.org/Genes/SS18L1ID474ch20q13.html) |
| MGC2722 (Alias) | 1p13.2  | [WDR77](http://atlasgeneticsoncology.org/Genes/WDR77ID44142ch1p13.html) |
| MGC2827 (Alias) | 4q12  | [RASL11B](http://atlasgeneticsoncology.org/Genes/RASL11BID44265ch4q12.html) |
| MGC29565 (Alias) | 8q24.12  | [TNFRSF11B](http://atlasgeneticsoncology.org/Genes/TNFRSF11BID42610ch8q24.html) |
| MGC31961 (Alias) | 8q24.13  | [RNF139](http://atlasgeneticsoncology.org/Genes/TRC8ID500.html) |
| MGC3245 (Alias) | 17q22  | [MSI2](http://atlasgeneticsoncology.org/Genes/MSI2ID42893ch17q23.html) |
| MGC33059 (Alias) | 10q21.2  | [RHOBTB1](http://atlasgeneticsoncology.org/Genes/RHOBTB1ID42981ch10q22.html) |
| MGC33105 (Alias) | 14q21.1  | [FOXA1](http://atlasgeneticsoncology.org/Genes/FOXA1ID44403ch14q21.html) |
| MGC33841 (Alias) | 10q21.2  | [RHOBTB1](http://atlasgeneticsoncology.org/Genes/RHOBTB1ID42981ch10q22.html) |
| MGC34023 (Alias) | 15q21.1  | [SHC4](http://atlasgeneticsoncology.org/Genes/SHC4ID44503ch15q21.html) |
| MGC34287 (Alias) | 7p22.3  | [CYP2W1](http://atlasgeneticsoncology.org/Genes/CYP2W1ID44337ch7p22.html) |
| MGC34538 (Alias) | 20q13.2  | [AURKA](http://atlasgeneticsoncology.org/Genes/AURKAID730ch20q13.html) |
| MGC3884 (Alias) | Xp11.22  | [SSX2](http://atlasgeneticsoncology.org/Genes/SSX2ID42406chXp11.html) |
| MGC3887 (Alias) | 6p21.31  | [BAK1](http://atlasgeneticsoncology.org/Genes/BAK1ID752ch6p21.html) |
| MGC3931 (Alias) | 6p21.31  | [PPARD](http://atlasgeneticsoncology.org/Genes/PPARDID41794ch6p21.html) |
| MGC4316 (Alias) | 8p11.23  | [EIF4EBP1](http://atlasgeneticsoncology.org/Genes/EIF4EBP1ID40432ch8p12.html) |
| MGC44475 (Alias) | 1p13.2  | [SLC16A1](http://atlasgeneticsoncology.org/Genes/SLC16A1ID44046ch1p13.html) |
| MGC4499 (Alias) | 4q12  | [RASL11B](http://atlasgeneticsoncology.org/Genes/RASL11BID44265ch4q12.html) |
| MGC45000 (Alias) | 14q22.3  | [OTX2](http://atlasgeneticsoncology.org/Genes/OTX2ID46429ch14q22.html) |
| MGC45246 (Alias) | 11q12.1  | [APLNR](http://atlasgeneticsoncology.org/Genes/APLNRID44364ch11q12.html) |
| MGC45987 (Alias) | 3p21.31  | [HYAL1](http://atlasgeneticsoncology.org/Genes/HYAL1ID40903ch3p21.html) |
| MGC4631 (Alias) | 2q37.3  | [BOK](http://atlasgeneticsoncology.org/Genes/BOKID824ch2q37.html) |
| MGC4643 (Alias) | 10q24.32  | [BTRC](http://atlasgeneticsoncology.org/Genes/BTRCID451ch10q24.html) |
| MGC4667 (Alias) | 19p13.2  | [GADD45GIP1](http://atlasgeneticsoncology.org/Genes/GADD45GIP1ID40668ch19p13.html) |
| MGC4758 (Alias) | 19p13.2  | [GADD45GIP1](http://atlasgeneticsoncology.org/Genes/GADD45GIP1ID40668ch19p13.html) |
| MGC49908 (Alias) | 3p21.1  | [PRKCD](http://atlasgeneticsoncology.org/Genes/PRKCDID42901ch3p21.html) |
| MGC50179 (Alias) | 17q25.3  | [ENPP7](http://atlasgeneticsoncology.org/Genes/ENPP7ID44055ch17q25.html) |
| MGC51822 (Alias) | 8p23.1  | [DEFB1](http://atlasgeneticsoncology.org/Genes/DEFB1ID44352ch8p23.html) |
| MGC5199 (Alias) | 10p14  | [GATA3](http://atlasgeneticsoncology.org/Genes/GATA3ID107ch10p14.html) |
| MGC5228 (Alias) | 17q22  | [SRSF1](http://atlasgeneticsoncology.org/Genes/SRSF1ID47631ch17q22.html) |
| MGC52315 (Alias) | 16p13.3  | [AXIN1](http://atlasgeneticsoncology.org/Genes/AXIN1ID379ch16p13.html) |
| MGC5315 (Alias) | 22q12.3  | [MCM5](http://atlasgeneticsoncology.org/Genes/MCM5ID41321ch22q12.html) |
| MGC54245 (Alias) | 1p36.33  | [DVL1](http://atlasgeneticsoncology.org/Genes/DVL1ID463ch1p36.html) |
| MGC5445 (Alias) | 10p14  | [GATA3](http://atlasgeneticsoncology.org/Genes/GATA3ID107ch10p14.html) |
| MGC57162 (Alias) | 19q13.33  | [CARD8](http://atlasgeneticsoncology.org/Genes/CARD8ID913ch19q13.html) |
| MGC61427 (Alias) | 1p13.2  | [RHOC](http://atlasgeneticsoncology.org/Genes/RHOCID42110ch1p13.html) |
| MGC61975 (Alias) | 9q31.3  | [TXN](http://atlasgeneticsoncology.org/Genes/TXNID44354ch9q31.html) |
| MGC 667 (Alias) | 5q31.1  | [FNIP1](http://atlasgeneticsoncology.org/Genes/FNIP1ID44003ch5q23.html) |
| MGC71111 (Alias) | 20q11.21  | [ASXL1](http://atlasgeneticsoncology.org/Genes/ASXL1ID44553ch20q11.html) |
| MGC71685 (Alias) | 16q23.2  | [MAF](http://atlasgeneticsoncology.org/Genes/MAFID41234ch16q23.html) |
| MGC71791 (Alias) | 17q25.3  | [SOCS3](http://atlasgeneticsoncology.org/Genes/SOCS3ID44124ch17q25.html) |
| MGC71942 (Alias) | 2p25.1  | [ADAM17](http://atlasgeneticsoncology.org/Genes/ADAM17ID572ch2p25.html) |
| MGC71966 (Alias) | 14q11.2  | [ANG](http://atlasgeneticsoncology.org/Genes/ANGID635ch14q11.html) |
| MGC75129 (Alias) | 14q31.1  | [TSHR](http://atlasgeneticsoncology.org/Genes/TSHRID290ch14q31.html) |
| MGC79382 (Alias) | 12q15  | [IL22](http://atlasgeneticsoncology.org/Genes/IL22ID44519ch12q15.html) |
| MGC79384 (Alias) | 12q15  | [IL22](http://atlasgeneticsoncology.org/Genes/IL22ID44519ch12q15.html) |
| MGC79388 (Alias) | 12q13.3  | [IL23A](http://atlasgeneticsoncology.org/Genes/IL23AID44517ch12q13.html) |
| MGC8367 (Alias) | 20p13  | [PCNA](http://atlasgeneticsoncology.org/Genes/PCNAID41670ch20p12.html) |
| MGC8617 (Alias) | 3p21.31  | [MAP4](http://atlasgeneticsoncology.org/Genes/MAP4ID44410ch3p21.html) |
| MGC88572 (Alias) | 3p13  | [FOXP1](http://atlasgeneticsoncology.org/Genes/FOXP1ID40632ch3p14.html) |
| MGC8906 (Alias) | 11q12.3  | [RARRES3](http://atlasgeneticsoncology.org/Genes/RARRES3ID42051ch11q12.html) |
| MGC9123 (Alias) | 5p15.33  | [PDCD6](http://atlasgeneticsoncology.org/Genes/PDCD6ID43402ch5p15.html) |
| MGC9527 (Alias) | 16q24.2  | [FBXO31](http://atlasgeneticsoncology.org/Genes/FBXO31ID44280ch16q24.html) |
| MGC9551 (Alias) | 3p13  | [FOXP1](http://atlasgeneticsoncology.org/Genes/FOXP1ID40632ch3p14.html) |
| MGC99536 (Alias) | 6p21.31  | [MAPK13](http://atlasgeneticsoncology.org/Genes/MAPK13ID41291ch6p21.html) |
| MGC99631 (Alias) | 19p13.3  | [ZBTB7A](http://atlasgeneticsoncology.org/Genes/ZBTB7AID42863ch19p13.html) |
| MGC99656 (Alias) | 14q32.33  | [AKT1](http://atlasgeneticsoncology.org/Genes/AKT1ID355ch14q32.html) |
| MGDA (Alias) | 11p13  | [PAX6](http://atlasgeneticsoncology.org/Genes/PAX6ID211ch11p13.html) |
| MGF (Alias) | 12q21.32  | [KITLG](http://atlasgeneticsoncology.org/Genes/MGFID142.html) |
| MGLU1 (Alias) | 6q24.3  | [GRM1](http://atlasgeneticsoncology.org/Genes/GRM1ID43851ch6q24.html) |
| MGLUR1 (Alias) | 6q24.3  | [GRM1](http://atlasgeneticsoncology.org/Genes/GRM1ID43851ch6q24.html) |
| MHC2TA (MHC class II transactivator) (Alias) | 16p13.13  | [CIITA](http://atlasgeneticsoncology.org/Genes/MHC2TAID260.html) |
| MHC-G (Alias) | 6p22.1  | [HLA-G](http://atlasgeneticsoncology.org/Genes/HLAGID43744ch6p22.html) |
| M.HsaIIIA (Alias) | 2p23.3  | [DNMT3A](http://atlasgeneticsoncology.org/Genes/DNMT3AID40349ch2p23.html) |
| M.HsaIIIB (Alias) | 20q11.21  | [DNMT3B](http://atlasgeneticsoncology.org/Genes/DNMT3BID40350ch20q11.html) |
| MI (Alias) | 3p14.1  | [MITF](http://atlasgeneticsoncology.org/Genes/MITFID44193ch3p13.html) |
| MIB-1 (Alias) | 10q26.2  | [MKI67](http://atlasgeneticsoncology.org/Genes/MKI67ID41369ch10q26.html) |
| [MIB2](http://atlasgeneticsoncology.org/Genes/MIB2ID44179ch1p36.html) | 1p36.33  | MIB2 (mindbomb homolog 2 (Drosophila)) |
|  |  |  |
| MIC11 (Alias) | 11p13  | [CD59](http://atlasgeneticsoncology.org/Genes/CD59ID985ch11p13.html) |
| MIC18 (Alias) | 2p21  | [EPCAM](http://atlasgeneticsoncology.org/Genes/TACSTD1ID42459ch2p21.html) |
| MIC-1 (macrophage inhibitory cytokine-1) (Alias) | 19p13.11  | [GDF15](http://atlasgeneticsoncology.org/Genes/GDF15ID40701ch19p13.html) |
| MIC3 (Alias) | 12p13.31  | [CD9](http://atlasgeneticsoncology.org/Genes/CD9ID995ch12p13.html) |
| MIC4 (Alias) | 11p13  | [CD44](http://atlasgeneticsoncology.org/Genes/CD44ID980CH11p13.html) |
| MIC5 (Alias) | Xq28  | [L1CAM](http://atlasgeneticsoncology.org/Genes/L1CAMID44110chXq28.html) |
| [MIEN1](http://atlasgeneticsoncology.org/Genes/MIEN1ID52476ch17q12.html) | 17q12  | MIEN1 (migration and invasion enhancer 1) |
|  |  |  |
| MI-ER1 (Alias) | 1p31.3  | [MIER1](http://atlasgeneticsoncology.org/Genes/MIER1ID50389ch1p31.html) |
| [MIER1](http://atlasgeneticsoncology.org/Genes/MIER1ID50389ch1p31.html) | 1p31.3  | MIER1 (mesoderm induction early response 1 homolog (Xenopus laevis)) |
|  |  |  |
| MIF2 (Alias) | 9q33.3  | [HSPA5](http://atlasgeneticsoncology.org/Genes/HSPA5ID40876ch9q33.html) |
| MIF (Alias) | 1q21.3  | [S100A8](http://atlasgeneticsoncology.org/Genes/S100A8ID46446ch1q21.html) |
| MIF (Alias) | 1q21.3  | [S100A9](http://atlasgeneticsoncology.org/Genes/S100A9ID45569ch1q21.html) |
| [MIF](http://atlasgeneticsoncology.org/Genes/MIFID41365ch22q11.html) | 22q11.23  | MIF (macrophage migration inhibitory factor (glycosylation-inhibiting factor)) |
|  |  |  |
| MIG12 (Alias) | 2p11.2  | [TMSB10](http://atlasgeneticsoncology.org/Genes/TMSB10ID42595ch2p11.html) |
| MIG-6 (Alias) | 1p36.23  | [ERRFI1](http://atlasgeneticsoncology.org/Genes/ERRFI1ID44147ch1p36.html) |
| MIG6 (Alias) | 1p36.23  | [ERRFI1](http://atlasgeneticsoncology.org/Genes/ERRFI1ID44147ch1p36.html) |
| MIG9 (Alias) | 4p16.1  | [S100P](http://atlasgeneticsoncology.org/Genes/S100PID42196ch4p16.html) |
| MIG-C4 (Alias) | 19q13.31  | [LYPD3](http://atlasgeneticsoncology.org/Genes/LYPD3ID44245ch19q13.html) |
| Mig-R (Alias) | Xq13.1  | [CXCR3](http://atlasgeneticsoncology.org/Genes/CXCR3ID40224chXq13.html) |
| MigR (Alias) | Xq13.1  | [CXCR3](http://atlasgeneticsoncology.org/Genes/CXCR3ID40224chXq13.html) |
| MIHB (Alias) | 11q22.2  | [BIRC2](http://atlasgeneticsoncology.org/Genes/BIRC2ID795ch11q22.html) |
| MIHC (Alias) | 11q22.2  | [BIRC3](http://atlasgeneticsoncology.org/Genes/BIRC3ID239.html) |
| MIHC (Alias) | 12q13.3  | [MYO1A](http://atlasgeneticsoncology.org/Genes/MYO1AID47246ch12q13.html) |
| MILD1 (Alias) | 1q42.12  | [MIXL1](http://atlasgeneticsoncology.org/Genes/MIXL1ID47624ch1q42.html) |
| MIN1 (Alias) | 11p13  | [CD59](http://atlasgeneticsoncology.org/Genes/CD59ID985ch11p13.html) |
| MIN2 (Alias) | 11p13  | [CD59](http://atlasgeneticsoncology.org/Genes/CD59ID985ch11p13.html) |
| MIN3 (Alias) | 11p13  | [CD59](http://atlasgeneticsoncology.org/Genes/CD59ID985ch11p13.html) |
| MINA53 (Alias) | 3q11.2  | [MINA](http://atlasgeneticsoncology.org/Genes/MINAID44409ch3q11.html) |
| [MINA](http://atlasgeneticsoncology.org/Genes/MINAID44409ch3q11.html) | 3q11.2  | MINA (MYC induced nuclear antigen) |
|  |  |  |
| MINOR (Alias) | 9q22.33  | [NR4A3](http://atlasgeneticsoncology.org/Genes/TECID75.html) |
| MIP1aR (Alias) | 3p21.31  | [CCR1](http://atlasgeneticsoncology.org/Genes/CCR1ID44379ch3p21.html) |
| [MIR100](http://atlasgeneticsoncology.org/Genes/MIR100ID51447ch11q24.html) | 11q24.1  | MIR100 (microRNA 100) |
|  |  |  |
| [MIR106B](http://atlasgeneticsoncology.org/Genes/MIR106BID51084ch7q22.html) | 7q22.1  | MIR106B (microRNA 106b) |
|  |  |  |
| [MIR107](http://atlasgeneticsoncology.org/Genes/MIR107ID51325ch10q23.html) | 10q23.31  | MIR107 (MicroRNA 107) |
|  |  |  |
| MIR10B (Alias) | 2q31.1  | [MIR10B](http://atlasgeneticsoncology.org/Genes/MIRN10BID44292ch2q31.html) |
| [MIR10B](http://atlasgeneticsoncology.org/Genes/MIRN10BID44292ch2q31.html) | 2q31.1  | MIR10B (microRNA 10b) |
|  |  |  |
| MIR122A (Alias) | 18q21.31  | [MIR122](http://atlasgeneticsoncology.org/Genes/MIR122ID44040ch18q21.html) |
| [MIR122](http://atlasgeneticsoncology.org/Genes/MIR122ID44040ch18q21.html) | 18q21.31  | MIR122 (microRNA 122) |
|  |  |  |
| [MIR125A](http://atlasgeneticsoncology.org/Genes/MIRN125AID44325ch19q13.html) | 19q13.41  | MIR125A (microRNA 125a) |
|  |  |  |
| MIR125B1 (Alias) | 11q24.1  | [MIR125B1](http://atlasgeneticsoncology.org/Genes/MIRN125B1ID44326ch11q24.html) |
| [MIR125B1](http://atlasgeneticsoncology.org/Genes/MIRN125B1ID44326ch11q24.html) | 11q24.1  | MIR125B1 (microRNA 125b-1) |
|  |  |  |
| MIR125B2 (Alias) | 21q21.1  | [MIR125B2](http://atlasgeneticsoncology.org/Genes/MIRN125B2ID44327ch21q21.html) |
| [MIR125B2](http://atlasgeneticsoncology.org/Genes/MIRN125B2ID44327ch21q21.html) | 21q21.1  | MIR125B2 (microRNA 125b-2) |
|  |  |  |
| [MIR126](http://atlasgeneticsoncology.org/Genes/MIR126ID50387ch9q34.html) | 9q34.3  | MIR126 (microRNA 126) |
|  |  |  |
| [MIR133B](http://atlasgeneticsoncology.org/Genes/MIR133BID52086ch6p12.html) | 6p12.2  | MIR133B (microRNA 133b) |
|  |  |  |
| [MIR135A1](http://atlasgeneticsoncology.org/Genes/MIR135A1ID50328ch3p21.html) | 3p21.1  | MIR135A1 (microRNA 135a-1) |
|  |  |  |
| [MIR141](http://atlasgeneticsoncology.org/Genes/MIR141ID51100ch12p13.html) | 12p13.31  | MIR141 (microRNA 141) |
|  |  |  |
| [MIR143](http://atlasgeneticsoncology.org/Genes/MIR143ID50848ch5q32.html) | 5q32  | MIR143 (MicroRNA 143) |
|  |  |  |
| [MIR145](http://atlasgeneticsoncology.org/Genes/MIR145ID50927ch5q32.html) | 5q32  | MIR145 (microRNA 145) |
|  |  |  |
| [MIR146B](http://atlasgeneticsoncology.org/Genes/MIR146BID50855ch10q24.html) | 10q24.32  | MIR146B (microRNA 146b) |
|  |  |  |
| [MIR183](http://atlasgeneticsoncology.org/Genes/MIR183ID50539ch7q32.html) | 7q32.2  | MIR183 (microRNA 183) |
|  |  |  |
| [MIR191](http://atlasgeneticsoncology.org/Genes/MIR191ID51786ch3p21.html) | 3p21.31  | MIR191 (microRNA 191) |
|  |  |  |
| [MIR196B](http://atlasgeneticsoncology.org/Genes/MIR196BID51736ch7p15.html) | 7p15.2  | MIR196B (microRNA 196b) |
|  |  |  |
| [MIR200C](http://atlasgeneticsoncology.org/Genes/MIR200CID51054ch12p13.html) | 12p13.31  | MIR200C (microRNA 200c) |
|  |  |  |
| [MIR211](http://atlasgeneticsoncology.org/Genes/MIR211ID50533ch15q13.html) | 15q13.3  | MIR211 (microRNA 211) |
|  |  |  |
| [MIR21](http://atlasgeneticsoncology.org/Genes/MIRN21ID44019ch17q23.html) | 17q23.1  | MIR21 (microRNA 21) |
|  |  |  |
| [MIR221](http://atlasgeneticsoncology.org/Genes/MIRN221ID44277chXp11.html) | Xp11.3  | MIR221 (microRNA 221) |
|  |  |  |
| [MIR222](http://atlasgeneticsoncology.org/Genes/MIRN222ID44278chXp11.html) | Xp11.3  | MIR222 (microRNA 222) |
|  |  |  |
| [MIR22](http://atlasgeneticsoncology.org/Genes/MIR22ID51495ch17p13.html) | 17p13.3  | MIR22 (microRNA 22) |
|  |  |  |
| [MIR23A](http://atlasgeneticsoncology.org/Genes/MIR23AID52055ch19p13.html) | 19p13.13  | MIR23A (microRNA 23a) |
|  |  |  |
| [MIR26A1](http://atlasgeneticsoncology.org/Genes/MIR26A1ID51208ch3p22.html) | 3p22.2  | MIR26A1 (microRNA 26a-1) |
|  |  |  |
| MIR26A (Alias) | 3p22.2  | [MIR26A1](http://atlasgeneticsoncology.org/Genes/MIR26A1ID51208ch3p22.html) |
| [MIR27A](http://atlasgeneticsoncology.org/Genes/MIR27AID50398ch19p13.html) | 19p13.13  | MIR27A (microRNA 27a) |
| MIR27 (Alias) | 19p13.13  | [MIR27A](http://atlasgeneticsoncology.org/Genes/MIR27AID50398ch19p13.html) |
|  |  |  |
| [MIR296](http://atlasgeneticsoncology.org/Genes/MIR296ID51538ch20q13.html) | 20q13.32  | MIR296 (microRNA 296) |
|  |  |  |
| [MIR30A](http://atlasgeneticsoncology.org/Genes/MIR30AID51667ch6q13.html) | 6q13  | MIR30A (microRNA 30a) |
|  |  |  |
| [MIR331](http://atlasgeneticsoncology.org/Genes/MIR331ID51220ch12q22.html) | 12q22  | MIR331 (microRNA 331) |
|  |  |  |
| [MIR373](http://atlasgeneticsoncology.org/Genes/MIR373ID49739ch19q13.html) | 19q13.42  | MIR373 (microRNA 373) |
|  |  |  |
| [MIR449A](http://atlasgeneticsoncology.org/Genes/MIR449AID50881ch5q11.html) | 5q11.2  | MIR449A (microRNA 449a) |
|  |  |  |
| [MIR7-1](http://atlasgeneticsoncology.org/Genes/MIRN71ID44356ch9q21.html) | 9q21.32  | MIR7-1 (microRNA 7-1) |
|  |  |  |
| MIRK (Alias) | 19q13.2  | [DYRK1B](http://atlasgeneticsoncology.org/Genes/DYRK1BID43235ch19q13.html) |
| MIRL (Alias) | 11p13  | [CD59](http://atlasgeneticsoncology.org/Genes/CD59ID985ch11p13.html) |
| MIRN100 (Alias) | 11q24.1  | [MIR100](http://atlasgeneticsoncology.org/Genes/MIR100ID51447ch11q24.html) |
| MIRN106B (Alias) | 7q22.1  | [MIR106B](http://atlasgeneticsoncology.org/Genes/MIR106BID51084ch7q22.html) |
| MIRN107 (Alias) | 10q23.31  | [MIR107](http://atlasgeneticsoncology.org/Genes/MIR107ID51325ch10q23.html) |
| MIRN10B (microRNA 10b) (Alias) | 2q31.1  | [MIR10B](http://atlasgeneticsoncology.org/Genes/MIRN10BID44292ch2q31.html) |
| MIRN122A (Alias) | 18q21.31  | [MIR122](http://atlasgeneticsoncology.org/Genes/MIR122ID44040ch18q21.html) |
| MIRN122 (Alias) | 18q21.31  | [MIR122](http://atlasgeneticsoncology.org/Genes/MIR122ID44040ch18q21.html) |
| MIRN125A (microRNA 125a) (Alias) | 19q13.41  | [MIR125A](http://atlasgeneticsoncology.org/Genes/MIRN125AID44325ch19q13.html) |
| MIRN125B1 (microRNA 125b-1) (Alias) | 11q24.1  | [MIR125B1](http://atlasgeneticsoncology.org/Genes/MIRN125B1ID44326ch11q24.html) |
| MIRN125B2 (microRNA 125b-2) (Alias) | 21q21.1  | [MIR125B2](http://atlasgeneticsoncology.org/Genes/MIRN125B2ID44327ch21q21.html) |
| MIRN126 (Alias) | 9q34.3  | [MIR126](http://atlasgeneticsoncology.org/Genes/MIR126ID50387ch9q34.html) |
| MIRN133B (Alias) | 6p12.2  | [MIR133B](http://atlasgeneticsoncology.org/Genes/MIR133BID52086ch6p12.html) |
| MIRN135-1 (Alias) | 3p21.1  | [MIR135A1](http://atlasgeneticsoncology.org/Genes/MIR135A1ID50328ch3p21.html) |
| MIRN135A1 (Alias) | 3p21.1  | [MIR135A1](http://atlasgeneticsoncology.org/Genes/MIR135A1ID50328ch3p21.html) |
| MIRN141 (Alias) | 12p13.31  | [MIR141](http://atlasgeneticsoncology.org/Genes/MIR141ID51100ch12p13.html) |
| MIRN143 (Alias) | 5q32  | [MIR143](http://atlasgeneticsoncology.org/Genes/MIR143ID50848ch5q32.html) |
| MIRN145 (Alias) | 5q32  | [MIR145](http://atlasgeneticsoncology.org/Genes/MIR145ID50927ch5q32.html) |
| MIRN146B (Alias) | 10q24.32  | [MIR146B](http://atlasgeneticsoncology.org/Genes/MIR146BID50855ch10q24.html) |
| MIRN183 (Alias) | 7q32.2  | [MIR183](http://atlasgeneticsoncology.org/Genes/MIR183ID50539ch7q32.html) |
| MIRN191 (Alias) | 3p21.31  | [MIR191](http://atlasgeneticsoncology.org/Genes/MIR191ID51786ch3p21.html) |
| MIRN196B (Alias) | 7p15.2  | [MIR196B](http://atlasgeneticsoncology.org/Genes/MIR196BID51736ch7p15.html) |
| MIRN200C (Alias) | 12p13.31  | [MIR200C](http://atlasgeneticsoncology.org/Genes/MIR200CID51054ch12p13.html) |
| MIRN211 (Alias) | 15q13.3  | [MIR211](http://atlasgeneticsoncology.org/Genes/MIR211ID50533ch15q13.html) |
| MIRN21 (microRNA 21) (Alias) | 17q23.1  | [MIR21](http://atlasgeneticsoncology.org/Genes/MIRN21ID44019ch17q23.html) |
| MIRN221 (microRNA 221) (Alias) | Xp11.3  | [MIR221](http://atlasgeneticsoncology.org/Genes/MIRN221ID44277chXp11.html) |
| MIRN222 (microRNA 222) (Alias) | Xp11.3  | [MIR222](http://atlasgeneticsoncology.org/Genes/MIRN222ID44278chXp11.html) |
| MIRN22 (Alias) | 17p13.3  | [MIR22](http://atlasgeneticsoncology.org/Genes/MIR22ID51495ch17p13.html) |
| MIRN23A (Alias) | 19p13.13  | [MIR23A](http://atlasgeneticsoncology.org/Genes/MIR23AID52055ch19p13.html) |
| MIRN26A1 (Alias) | 3p22.2  | [MIR26A1](http://atlasgeneticsoncology.org/Genes/MIR26A1ID51208ch3p22.html) |
| MIRN27A (Alias) | 19p13.13  | [MIR27A](http://atlasgeneticsoncology.org/Genes/MIR27AID50398ch19p13.html) |
| MIRN296 (Alias) | 20q13.32  | [MIR296](http://atlasgeneticsoncology.org/Genes/MIR296ID51538ch20q13.html) |
| MIRN30A (Alias) | 6q13  | [MIR30A](http://atlasgeneticsoncology.org/Genes/MIR30AID51667ch6q13.html) |
| MIRN331 (Alias) | 12q22  | [MIR331](http://atlasgeneticsoncology.org/Genes/MIR331ID51220ch12q22.html) |
| MIRN373 (Alias) | 19q13.42  | [MIR373](http://atlasgeneticsoncology.org/Genes/MIR373ID49739ch19q13.html) |
| MIRN449A (Alias) | 5q11.2  | [MIR449A](http://atlasgeneticsoncology.org/Genes/MIR449AID50881ch5q11.html) |
| MIRN449 (Alias) | 5q11.2  | [MIR449A](http://atlasgeneticsoncology.org/Genes/MIR449AID50881ch5q11.html) |
| MIRN7-1 (microRNA 7-1) (Alias) | 9q21.32  | [MIR7-1](http://atlasgeneticsoncology.org/Genes/MIRN71ID44356ch9q21.html) |
| [MITF](http://atlasgeneticsoncology.org/Genes/MITFID44193ch3p13.html) | 3p14.1  | MITF (microphthalmia-associated transcription factor) |
|  |  |  |
| Mitosin (Alias) | 1q41  | [CENPF](http://atlasgeneticsoncology.org/Genes/CENPFID40057ch1q41.html) |
| MIWC (Alias) | 18q11.2  | [AQP4](http://atlasgeneticsoncology.org/Genes/AQP4ID684ch18q11.html) |
| MIWI (Alias) | 12q24.33  | [PIWIL1](http://atlasgeneticsoncology.org/Genes/PIWIL1ID46561ch12q24.html) |
| MIX (Alias) | 1q42.12  | [MIXL1](http://atlasgeneticsoncology.org/Genes/MIXL1ID47624ch1q42.html) |
| [MIXL1](http://atlasgeneticsoncology.org/Genes/MIXL1ID47624ch1q42.html) | 1q42.12  | MIXL1 (Mix1 homeobox-like 1 (Xenopus laevis)) |
|  |  |  |
| MIXL (Alias) | 1q42.12  | [MIXL1](http://atlasgeneticsoncology.org/Genes/MIXL1ID47624ch1q42.html) |
| MK-1 (Alias) | 2p21  | [EPCAM](http://atlasgeneticsoncology.org/Genes/TACSTD1ID42459ch2p21.html) |
| MK2 (Alias) | 1q32.1  | [MAPKAPK2](http://atlasgeneticsoncology.org/Genes/MAPKAPK2ID41295ch1q32.html) |
| [MKI67](http://atlasgeneticsoncology.org/Genes/MKI67ID41369ch10q26.html) | 10q26.2  | MKI67 (marker of proliferation Ki-67) |
|  |  |  |
| MKK4 (Alias) | 17p12  | [MAP2K4](http://atlasgeneticsoncology.org/Genes/MAP2K4ID244ch17p12.html) |
| [MKL1](http://atlasgeneticsoncology.org/Genes/MALID352.html) | 22q13.1  | MKL1 (megakaryoblastic leukemia (translocation) 1) |
|  |  |  |
| MKP-1 (Alias) | 5q35.1  | [DUSP1](http://atlasgeneticsoncology.org/Genes/DUSP1ID40371ch5q35.html) |
| MKP1 (Alias) | 5q35.1  | [DUSP1](http://atlasgeneticsoncology.org/Genes/DUSP1ID40371ch5q35.html) |
| MKP-3 (Alias) | 12q21.33  | [DUSP6](http://atlasgeneticsoncology.org/Genes/DUSP6ID46105ch12q21.html) |
| MKP3 (Alias) | 12q21.33  | [DUSP6](http://atlasgeneticsoncology.org/Genes/DUSP6ID46105ch12q21.html) |
| MKP-5 (Alias) | 1q41  | [DUSP10](http://atlasgeneticsoncology.org/Genes/DUSP10ID49913ch1q41.html) |
| MKP5 (Alias) | 1q41  | [DUSP10](http://atlasgeneticsoncology.org/Genes/DUSP10ID49913ch1q41.html) |
| ML-1 (Alias) | 6p12.2  | [IL17F](http://atlasgeneticsoncology.org/Genes/IL17FID42935ch6p12.html) |
| ML1 (Alias) | 6p12.2  | [IL17F](http://atlasgeneticsoncology.org/Genes/IL17FID42935ch6p12.html) |
| ML8 (Alias) | 22q13.2  | [XRCC6](http://atlasgeneticsoncology.org/Genes/XRCC6ID246ch22q13.html) |
| MLCK108 (Alias) | 3q21.1  | [MYLK](http://atlasgeneticsoncology.org/Genes/MYLKID43364ch3q21.html) |
| MLCK1 (Alias) | 3q21.1  | [MYLK](http://atlasgeneticsoncology.org/Genes/MYLKID43364ch3q21.html) |
| MLCK210 (Alias) | 3q21.1  | [MYLK](http://atlasgeneticsoncology.org/Genes/MYLKID43364ch3q21.html) |
| MLCK (Alias) | 3q21.1  | [MYLK](http://atlasgeneticsoncology.org/Genes/MYLKID43364ch3q21.html) |
| [MLF1](http://atlasgeneticsoncology.org/Genes/MLF1ID18.html) | 3q25.32  | MLF1 (myelodysplasia/myeloid leukemia factor 1) |
|  |  |  |
| [MLH1](http://atlasgeneticsoncology.org/Genes/MLH1ID149ch3p21.html) | 3p22.2  | MLH1 (human mutL homolog 1) |
|  |  |  |
| MLL (myeloid/lymphoid or mixed lineage leukemia) (Alias) | 11q23.3  | [KMT2A](http://atlasgeneticsoncology.org/Genes/MLLID13.html) |
| [MLLT10](http://atlasgeneticsoncology.org/Genes/AF10ID4.html) | 10p12.31  | MLLT10 (myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 10) |
|  |  |  |
| [MLLT11](http://atlasgeneticsoncology.org/Genes/AF1qID12.html) | 1q21.3  | MLLT11 (ALL1 fused gene from chromosome 1q) |
|  |  |  |
| [MLLT1](http://atlasgeneticsoncology.org/Genes/ENLID9.html) | 19p13.3  | MLLT1 (myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 1) |
| MLLT1 (myeloid/lymphoid leukemia translocated to, 1) (Alias) | 19p13.3  | [MLLT1](http://atlasgeneticsoncology.org/Genes/ENLID9.html) |
|  |  |  |
| MLLT2 (myeloid/lymphoid leukemia translocated to, 2). (Alias) | 4q21.3  | [AFF1](http://atlasgeneticsoncology.org/Genes/AF4ID3.html) |
| MLLT2-related protein, lymphoid nuclear protein 4 (Alias) | 2q11.2  | [AFF3](http://atlasgeneticsoncology.org/Genes/LAF4ID315.html) |
| [MLLT3](http://atlasgeneticsoncology.org/Genes/AF9ID5.html) | 9p21.3  | MLLT3 (myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 3) |
|  |  |  |
| [MLLT4](http://atlasgeneticsoncology.org/Genes/AF6ID6.html) | 6q27  | MLLT4 (myeloid/lymphoid or mixed-lineage leukemia (trithorax); translocated to, 4) |
| MLLT4 (myeloid/lymphoid leukemia translocated to, n 4) (Alias) | 6q27  | [MLLT4](http://atlasgeneticsoncology.org/Genes/AF6ID6.html) |
|  |  |  |
| MLLT5 (Myeloid/Lymphoid Leukemia Translocated to, 5) (Alias) | 1p32.3  | [EPS15](http://atlasgeneticsoncology.org/Genes/AF1pID11.html) |
| [MLLT6](http://atlasgeneticsoncology.org/Genes/AF17ID7.html) | 17q12  | MLLT6 (myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 6) |
|  |  |  |
| MLLT7 (myeloid/lymphoid leukemia translocated to, 7) (Alias) | Xq13.1  | [FOXO4](http://atlasgeneticsoncology.org/Genes/AFX1ID57.html) |
| MLN 19 (Alias) | 17q12  | [ERBB2](http://atlasgeneticsoncology.org/Genes/ERBB2ID162ch17q11.html) |
| MLN50, EVI149 (Alias) | 17q12  | [LASP1](http://atlasgeneticsoncology.org/Genes/Lasp1ID203.html) |
| MLN51 (Alias) | 17q21.1  | [CASC3](http://atlasgeneticsoncology.org/Genes/MLN51ID241.html) |
| MLN62 (Alias) | 17q11.2  | [TRAF4](http://atlasgeneticsoncology.org/Genes/TRAF4ID204.html) |
| MLN64 (Alias) | 17q12  | [STARD3](http://atlasgeneticsoncology.org/Genes/MLN64ID202.html) |
| MLP (Alias) | 11p15.5  | [MUC2](http://atlasgeneticsoncology.org/Genes/MUC2ID41457ch11p15.html) |
| MLR (Alias) | 4q31.23  | [NR3C2](http://atlasgeneticsoncology.org/Genes/NR3C2ID44262ch4q31.html) |
| MLSN1 (Alias) | 15q13.3  | [TRPM1](http://atlasgeneticsoncology.org/Genes/TRPM1ID42707ch15q13.html) |
| MLSN (Alias) | 15q13.3  | [TRPM1](http://atlasgeneticsoncology.org/Genes/TRPM1ID42707ch15q13.html) |
| MLT (Alias) | 18q21.32  | [MALT1](http://atlasgeneticsoncology.org/Genes/MALT1ID240.html) |
| MLTF1 (Alias) | 1q23.3  | [USF1](http://atlasgeneticsoncology.org/Genes/USF1ID45856ch1q23.html) |
| MLTF (Alias) | 1q23.3  | [USF1](http://atlasgeneticsoncology.org/Genes/USF1ID45856ch1q23.html) |
| Mltna (Alias) | 10q26.2  | [ADAM12](http://atlasgeneticsoncology.org/Genes/ADAM12ID44084ch10q26.html) |
| MLTNA (Alias) | 10q26.2  | [ADAM12](http://atlasgeneticsoncology.org/Genes/ADAM12ID44084ch10q26.html) |
| MLTN (Alias) | 10q26.2  | [ADAM12](http://atlasgeneticsoncology.org/Genes/ADAM12ID44084ch10q26.html) |
| MLTNG (Alias) | 8p11.22  | [ADAM9](http://atlasgeneticsoncology.org/Genes/ADAM9ID573ch8p11.html) |
| MLVT (Alias) | 2p16.1  | [EFEMP1](http://atlasgeneticsoncology.org/Genes/EFEMP1ID49818ch2p16.html) |
| MMAC1 (Mutated in Multiple Advanced Cancer 1) (Alias) | 10q23.31  | [PTEN](http://atlasgeneticsoncology.org/Genes/PTENID158.html) |
| [MME](http://atlasgeneticsoncology.org/Genes/MMEID41386ch3q25.html) | 3q25.2  | MME (membrane metallo-endopeptidase) |
|  |  |  |
| MMGL (Alias) | 1q21.1  | [PDE4DIP](http://atlasgeneticsoncology.org/Genes/PDE4DIP01q22ID180.html) |
| MMIF (Alias) | 22q11.23  | [MIF](http://atlasgeneticsoncology.org/Genes/MIFID41365ch22q11.html) |
| [MMP11](http://atlasgeneticsoncology.org/Genes/ST3ID200.html) | 22q11.23  | MMP11 (matrix metalloproteinase 11 (stromelysin 3)) |
| MMP-11 (matrix metalloproteinase 11) (Alias) | 22q11.23  | [MMP11](http://atlasgeneticsoncology.org/Genes/ST3ID200.html) |
|  |  |  |
| [MMP14](http://atlasgeneticsoncology.org/Genes/MMP14ID41391ch14q11.html) | 14q11.2  | MMP14 (matrix metallopeptidase 14 (membrane-inserted)) |
|  |  |  |
| [MMP15](http://atlasgeneticsoncology.org/Genes/MMP15ID41392ch16q21.html) | 16q21  | MMP15 (matrix metallopeptidase 15 (membrane-inserted)) |
|  |  |  |
| MMP18 (Alias) | 12q13.2  | [MMP19](http://atlasgeneticsoncology.org/Genes/MMP19ID41395ch12q13.html) |
| [MMP19](http://atlasgeneticsoncology.org/Genes/MMP19ID41395ch12q13.html) | 12q13.2  | MMP19 (matrix metallopeptidase 19) |
|  |  |  |
| [MMP26](http://atlasgeneticsoncology.org/Genes/MMP26ID41403ch11p15.html) | 11p15.4  | MMP26 (matrix metallopeptidase 26) |
|  |  |  |
| [MMP2](http://atlasgeneticsoncology.org/Genes/MMP2ID41396ch16q13.html) | 16q12.2  | MMP2 (matrix metallopeptidase 2 (gelatinase A, 72kDa gelatinase, 72kDa type IV collagenase). |
|  |  |  |
| [MMP9](http://atlasgeneticsoncology.org/Genes/MMP9ID41408ch20q11.html) | 20q13.12  | MMP9 (matrix metallopeptidase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase)) |
|  |  |  |
| MMP-II. (Alias) | 16q12.2  | [MMP2](http://atlasgeneticsoncology.org/Genes/MMP2ID41396ch16q13.html) |
| MMP-X1 (Alias) | 14q11.2  | [MMP14](http://atlasgeneticsoncology.org/Genes/MMP14ID41391ch14q11.html) |
| MMR (Alias) | 10p12.33  | [MRC1](http://atlasgeneticsoncology.org/Genes/MRC1ID44561ch10p12.html) |
| MMSET (Alias) | 4p16.3  | [WHSC1](http://atlasgeneticsoncology.org/Genes/WHSC1ID42809ch4p16.html) |
| [MN1](http://atlasgeneticsoncology.org/Genes/MN1ID56.html) | 22q12.1  | MN1 (meningioma 1) |
|  |  |  |
| MNAT (Alias) | 8p22  | [NAT1](http://atlasgeneticsoncology.org/Genes/NAT1ID41497ch8p22.html) |
| MNB (Alias) | 21q22.13  | [DYRK1A](http://atlasgeneticsoncology.org/Genes/DYRK1AID43234ch21q22.html) |
| MNBH (Alias) | 21q22.13  | [DYRK1A](http://atlasgeneticsoncology.org/Genes/DYRK1AID43234ch21q22.html) |
| MNGIE (Alias) | 22q13.33  | [TYMP](http://atlasgeneticsoncology.org/Genes/TYMPID40397ch22q13.html) |
| MNPEP (Alias) | 12q22  | [METAP2](http://atlasgeneticsoncology.org/Genes/METAP2ID46053ch12q22.html) |
| Mnr1 (Alias) | 7q36.3  | [MNX1](http://atlasgeneticsoncology.org/Genes/HLXB9ID393.html) |
| MNSFbeta (Alias) | 11q13.1  | [FAU](http://atlasgeneticsoncology.org/Genes/FAUID40538ch11q13.html) |
| [MNX1](http://atlasgeneticsoncology.org/Genes/HLXB9ID393.html) | 7q36.3  | MNX1 (homeo box HB9) |
|  |  |  |
| MO3 (Alias) | 19q13.31  | [PLAUR](http://atlasgeneticsoncology.org/Genes/PLAURID41741ch19q13.html) |
| [MOAP1](http://atlasgeneticsoncology.org/Genes/MOAP1ID46494ch14q32.html) | 14q32.12  | MOAP1 (Modulator Of Apoptosis 1) |
|  |  |  |
| MODED (Alias) | 2p24.3  | [MYCN](http://atlasgeneticsoncology.org/Genes/NMYCID112.html) |
| MODY4 (Alias) | 13q12.2  | [PDX1](http://atlasgeneticsoncology.org/Genes/PDX1ID43921ch13q12.html) |
| MOM1 (Alias) | 1p36.13  | [PLA2G2A](http://atlasgeneticsoncology.org/Genes/PLA2G2AID41730ch1p36.html) |
| MOP2 (Alias) | 2p21  | [EPAS1](http://atlasgeneticsoncology.org/Genes/EPAS1ID44088ch2p21.html) |
| MORF (Alias) | 10q22.2  | [KAT6B](http://atlasgeneticsoncology.org/Genes/MYST4ID41488ch10q22.html) |
| Motilin-related peptide (MTLRP) (Alias) | 3p25.3  | [GHRL](http://atlasgeneticsoncology.org/Genes/GhrelinID327.html) |
| Mouse Ikzf2 (Alias) | 2q34  | [IKZF2](http://atlasgeneticsoncology.org/Genes/IKZF2ID42885ch2q34.html) |
| MOX1 (Alias) | 3q13.2  | [CD200](http://atlasgeneticsoncology.org/Genes/CD200ID44381ch3q13.html) |
| MOX2 (Alias) | 3q13.2  | [CD200](http://atlasgeneticsoncology.org/Genes/CD200ID44381ch3q13.html) |
| MOX44 (Alias) | 1p13.3  | [CD53](http://atlasgeneticsoncology.org/Genes/CD53ID983ch1p13.html) |
| MOZ2 (Alias) | 10q22.2  | [KAT6B](http://atlasgeneticsoncology.org/Genes/MYST4ID41488ch10q22.html) |
| MOZ (monocytic leukemia zinc finger) (Alias) | 8p11.21  | [KAT6A](http://atlasgeneticsoncology.org/Genes/MYST3ID25ch8p11.html) |
| MP44 (Alias) | 8p22  | [MTUS1](http://atlasgeneticsoncology.org/Genes/MTUS1ID41451ch8p22.html) |
| MPB-1 (Alias) | 1p36.23  | [ENO1](http://atlasgeneticsoncology.org/Genes/ENO1ID40453ch1p36.html) |
| MPB1 (Alias) | 1p36.23  | [ENO1](http://atlasgeneticsoncology.org/Genes/ENO1ID40453ch1p36.html) |
| MPHOSPH2 (Alias) | 12p13.33  | [FOXM1](http://atlasgeneticsoncology.org/Genes/FOXM1ID40631ch12p13.html) |
| Mpn1 (Alias) | 16q21  | [USB1](http://atlasgeneticsoncology.org/Genes/USB1ID44608ch16q21.html) |
| MPP-2 (Alias) | 12p13.33  | [FOXM1](http://atlasgeneticsoncology.org/Genes/FOXM1ID40631ch12p13.html) |
| MPP2 (Alias) | 12p13.33  | [FOXM1](http://atlasgeneticsoncology.org/Genes/FOXM1ID40631ch12p13.html) |
| MPS-1 (Alias) | 1q21.3  | [RPS27](http://atlasgeneticsoncology.org/Genes/RPS27ID45550ch1q21.html) |
| MPS1 (Alias) | 1q21.3  | [RPS27](http://atlasgeneticsoncology.org/Genes/RPS27ID45550ch1q21.html) |
| MR (Alias) | 4q31.23  | [NR3C2](http://atlasgeneticsoncology.org/Genes/NR3C2ID44262ch4q31.html) |
| [MRC1](http://atlasgeneticsoncology.org/Genes/MRC1ID44561ch10p12.html) | 10p12.33  | MRC1 (mannose receptor, C type 1) |
|  |  |  |
| MRC (Alias) | 3q13.2  | [CD200](http://atlasgeneticsoncology.org/Genes/CD200ID44381ch3q13.html) |
| MRD14 (Alias) | 1p36.11  | [ARID1A](http://atlasgeneticsoncology.org/Genes/ARID1AID44231ch1p36.html) |
| [MRE11A](http://atlasgeneticsoncology.org/Genes/MRE11ID247.html) | 11q21  | MRE11A MRE11 meiotic recombination 11 homolog A (S. cerevisiae) |
| MRE11 (Alias) | 11q21  | [MRE11A](http://atlasgeneticsoncology.org/Genes/MRE11ID247.html) |
|  |  |  |
| Mrec1.3 (Alias) | 9q31.3  | [LPAR1](http://atlasgeneticsoncology.org/Genes/LPAR1ID40405ch9q31.html) |
| MRF-2 (Alias) | 10q21.2  | [ARID5B](http://atlasgeneticsoncology.org/Genes/ARID5BID51529ch10q21.html) |
| MRF2 (Alias) | 10q21.2  | [ARID5B](http://atlasgeneticsoncology.org/Genes/ARID5BID51529ch10q21.html) |
| MRG-1 (Alias) | 6q24.1  | [CITED2](http://atlasgeneticsoncology.org/Genes/CITED2ID40087ch6q24.html) |
| MRG1 (Alias) | 6q24.1  | [CITED2](http://atlasgeneticsoncology.org/Genes/CITED2ID40087ch6q24.html) |
| MRG-2 (Alias) | 1p34.2  | [CITED4](http://atlasgeneticsoncology.org/Genes/CITED4ID44535ch1p34.html) |
| MRG2 (Alias) | 1p34.2  | [CITED4](http://atlasgeneticsoncology.org/Genes/CITED4ID44535ch1p34.html) |
| MRG (Alias) | 6q22.31  | [FABP7](http://atlasgeneticsoncology.org/Genes/FABP7ID46256ch6p22.html) |
| MRIT (Alias) | 2q33.1  | [CFLAR](http://atlasgeneticsoncology.org/Genes/CFLARID40065ch2q33.html) |
| MRP14 (Alias) | 1q21.3  | [S100A9](http://atlasgeneticsoncology.org/Genes/S100A9ID45569ch1q21.html) |
| MRP-1 (Alias) | 12p13.31  | [CD9](http://atlasgeneticsoncology.org/Genes/CD9ID995ch12p13.html) |
| MRP1 (Alias) | 5q14.1  | [MSH3](http://atlasgeneticsoncology.org/Genes/MSH3ID341ch5q11.html) |
| MRP7 (Alias) | 6p21.1  | [ABCC10](http://atlasgeneticsoncology.org/Genes/ABCC10ID47655ch6p21.html) |
| MRP8 (Alias) | 16q12.1  | [ABCC11](http://atlasgeneticsoncology.org/Genes/ABCC11ID538ch16q12.html) |
| MRP8 (Alias) | 1q21.3  | [S100A8](http://atlasgeneticsoncology.org/Genes/S100A8ID46446ch1q21.html) |
| MRP (multidrug resistance-associated protein) (Alias) | 16p13.11  | [ABCC1](http://atlasgeneticsoncology.org/Genes/MRPID106.html) |
| M-sema-G (Alias) | 9q22.2  | [SEMA4D](http://atlasgeneticsoncology.org/Genes/SEMA4DID42255ch9q22.html) |
| MSF1 (Alias) | 17q25.2  | [SEPT9](http://atlasgeneticsoncology.org/Genes/MSFID208.html) |
| MSF (MLL septin-like fusion) (Alias) | 17q25.2  | [SEPT9](http://atlasgeneticsoncology.org/Genes/MSFID208.html) |
| [MSH2](http://atlasgeneticsoncology.org/Genes/MSH2ID340ch2p22.html) | 2p21  | MSH2 (human mutS homolog 2) |
|  |  |  |
| [MSH3](http://atlasgeneticsoncology.org/Genes/MSH3ID341ch5q11.html) | 5q14.1  | MSH3 mutS homolog 3 (E. coli) |
|  |  |  |
| [MSH6](http://atlasgeneticsoncology.org/Genes/MSH6ID344ch2p16.html) | 2p16.3  | MSH6 (mutS homolog 6 (E. Coli)) |
|  |  |  |
| MSH (Alias) | 5q35.2  | [MSX2](http://atlasgeneticsoncology.org/Genes/MSX2ID41438ch5q35.html) |
| MSI2H (Alias) | 17q22  | [MSI2](http://atlasgeneticsoncology.org/Genes/MSI2ID42893ch17q23.html) |
| [MSI2](http://atlasgeneticsoncology.org/Genes/MSI2ID42893ch17q23.html) | 17q22  | MSI2 (musashi homolog 2 (drosophila)) |
|  |  |  |
| MSK21 (Alias) | 11p13  | [CD59](http://atlasgeneticsoncology.org/Genes/CD59ID985ch11p13.html) |
| [MSN](http://atlasgeneticsoncology.org/Genes/MSNID363.html) | Xq12  | MSN (moesin) |
|  |  |  |
| MSP23 (macrophage 23-kD stress protein) (Alias) | 1p34.1  | [PRDX1](http://atlasgeneticsoncology.org/Genes/PAGID266.html) |
| MSP (Alias) | 3p21.31  | [MST1](http://atlasgeneticsoncology.org/Genes/MST1ID44411ch3p21.html) |
| MST084 (Alias) | 17q25.1  | [GRB2](http://atlasgeneticsoncology.org/Genes/GRB2ID386ch17q25.html) |
| MST1 (Alias) | 20q13.12  | [STK4](http://atlasgeneticsoncology.org/Genes/STK4ID42440ch20q11.html) |
| [MST1](http://atlasgeneticsoncology.org/Genes/MST1ID44411ch3p21.html) | 3p21.31  | MST1 (macrophage stimulating 1 (hepatocyte growth factor-like)) |
|  |  |  |
| [MST1R](http://atlasgeneticsoncology.org/Genes/RONID287.html) | 3p21.31  | MST1R (Macrophage stimulating 1 receptor) |
|  |  |  |
| MSTP083 (Alias) | 3q21.1  | [MYLK](http://atlasgeneticsoncology.org/Genes/MYLKID43364ch3q21.html) |
| MSTP084 (Alias) | 17q25.1  | [GRB2](http://atlasgeneticsoncology.org/Genes/GRB2ID386ch17q25.html) |
| MSTP085 (Alias) | 7q31.2  | [CAV1](http://atlasgeneticsoncology.org/Genes/CAV1ID932ch7q31.html) |
| [MSX2](http://atlasgeneticsoncology.org/Genes/MSX2ID41438ch5q35.html) | 5q35.2  | MSX2 (Msh Homeobox 2) |
|  |  |  |
| MT1-MMP (Alias) | 14q11.2  | [MMP14](http://atlasgeneticsoncology.org/Genes/MMP14ID41391ch14q11.html) |
| MT2-MMP (Alias) | 16q21  | [MMP15](http://atlasgeneticsoncology.org/Genes/MMP15ID41392ch16q21.html) |
| [MTA1](http://atlasgeneticsoncology.org/Genes/MTA1ID41443ch14q32.html) | 14q32.33  | MTA1 (metastasis-associated gene 1) |
|  |  |  |
| [MTA3](http://atlasgeneticsoncology.org/Genes/MTA3ID41445ch2p21.html) | 2p21  | MTA3 (metastasis associated 1 family, member 3 ) |
|  |  |  |
| MTB-ZF (MTE-binding protein zinc-finger) (Alias) | 1p36.21  | [PRDM2](http://atlasgeneticsoncology.org/Genes/PRDM2ID41834ch1p36.html) |
| MTCLIC (Alias) | 1p36.11  | [CLIC4](http://atlasgeneticsoncology.org/Genes/CLIC4ID40102ch1p36.html) |
| [MTCP1](http://atlasgeneticsoncology.org/Genes/MTCP1ID89.html) | Xq28  | MTCP1 (Mature T Cell Proliferation 1) |
|  |  |  |
| Mtd (Matador) (Alias) | 2q37.3  | [BOK](http://atlasgeneticsoncology.org/Genes/BOKID824ch2q37.html) |
| MTG16 (Alias) | 16q24.3  | [CBFA2T3](http://atlasgeneticsoncology.org/Genes/CBFA2T3ID428ch16q24.html) |
| MTG8 (Alias) | 8q21.3  | [RUNX1T1](http://atlasgeneticsoncology.org/Genes/ETOID26.html) |
| MTGR2 (Alias) | 16q24.3  | [CBFA2T3](http://atlasgeneticsoncology.org/Genes/CBFA2T3ID428ch16q24.html) |
| [MTHFR](http://atlasgeneticsoncology.org/Genes/MTHFRID41448ch1p36.html) | 1p36.22  | MTHFR (5,10-Methylenetetrahydrofolate reductase) |
|  |  |  |
| MTHR (Alias) | 1p36.22  | [MTHFR](http://atlasgeneticsoncology.org/Genes/MTHFRID41448ch1p36.html) |
| MTLV (Alias) | 2p16.1  | [EFEMP1](http://atlasgeneticsoncology.org/Genes/EFEMP1ID49818ch2p16.html) |
| MTMMP1 (Alias) | 14q11.2  | [MMP14](http://atlasgeneticsoncology.org/Genes/MMP14ID41391ch14q11.html) |
| MTMMP2 (Alias) | 16q21  | [MMP15](http://atlasgeneticsoncology.org/Genes/MMP15ID41392ch16q21.html) |
| MTOR (Alias) | 1p36.22  | [MTOR](http://atlasgeneticsoncology.org/Genes/FRAP1ID40639ch1p36.html) |
| [MTOR](http://atlasgeneticsoncology.org/Genes/FRAP1ID40639ch1p36.html) | 1p36.22  | MTOR (FK506 binding protein 12-rapamycin associated protein 1) |
|  |  |  |
| MTR (Alias) | 1p36.22  | [MTHFR](http://atlasgeneticsoncology.org/Genes/MTHFRID41448ch1p36.html) |
| MTS1 (Alias) | 9p21.3  | [CDKN2A](http://atlasgeneticsoncology.org/Genes/CDKN2aID146.html) |
| MTS1 (Alias) | 1q21.3  | [S100A4](http://atlasgeneticsoncology.org/Genes/S100A4ID42192ch1q21.html) |
| MTS2 (Alias) | 9p21.3  | [CDKN2B](http://atlasgeneticsoncology.org/Genes/CDKN2BID187ch9p21.html) |
| MTSG1 (Alias) | 8p22  | [MTUS1](http://atlasgeneticsoncology.org/Genes/MTUS1ID41451ch8p22.html) |
| MT-SP2 (Alias) | 11q23.3  | [TMPRSS4](http://atlasgeneticsoncology.org/Genes/TMPRSS4ID42594ch11q23.html) |
| [MTUS1](http://atlasgeneticsoncology.org/Genes/MTUS1ID41451ch8p22.html) | 8p22  | MTUS1 (mitochondrial tumor suppressor 1) |
|  |  |  |
| Mtvr-1 (mammary tumor virus receptor 1, in mice) (Alias) | 3q29  | [TFRC](http://atlasgeneticsoncology.org/Genes/TFRCID259ch3q29.html) |
| MUC-13 (Alias) | 3q21.2  | [MUC13](http://atlasgeneticsoncology.org/Genes/MUC13ID41454ch3q21.html) |
| [MUC13](http://atlasgeneticsoncology.org/Genes/MUC13ID41454ch3q21.html) | 3q21.2  | MUC13 (mucin 13, cell surface associated) |
|  |  |  |
| [MUC16](http://atlasgeneticsoncology.org/Genes/MUC16ID41455ch19q13.html) | 19p13.2  | MUC16 (mucin 16, cell surface associated) |
|  |  |  |
| [MUC17](http://atlasgeneticsoncology.org/Genes/MUC17ID41456ch7q22.html) | 7q22.1  | MUC17 (mucin 17, cell surface associated) |
|  |  |  |
| MUC18 (Alias) | 11q23.3  | [MCAM](http://atlasgeneticsoncology.org/Genes/MCAMID41314ch11q23.html) |
| MUC-2 (Alias) | 11p15.5  | [MUC2](http://atlasgeneticsoncology.org/Genes/MUC2ID41457ch11p15.html) |
| [MUC2](http://atlasgeneticsoncology.org/Genes/MUC2ID41457ch11p15.html) | 11p15.5  | MUC2 (mucin 2, oligomeric mucus/gel-forming) |
|  |  |  |
| MUC3 (Alias) | 7q22.1  | [MUC17](http://atlasgeneticsoncology.org/Genes/MUC17ID41456ch7q22.html) |
| [MUC4](http://atlasgeneticsoncology.org/Genes/MUC4ID41459ch3q29.html) | 3q29  | MUC4 (mucin 4, cell surface associated) |
|  |  |  |
| [MUC5AC](http://atlasgeneticsoncology.org/Genes/MUC5ACID41460ch11p15.html) | 11p15.5  | MUC5AC (mucin 5AC, oligomeric mucus/gel-forming) |
|  |  |  |
| MUC5 (Alias) | 11p15.5  | [MUC5AC](http://atlasgeneticsoncology.org/Genes/MUC5ACID41460ch11p15.html) |
| MUC-6 (Alias) | 11p15.5  | [MUC6](http://atlasgeneticsoncology.org/Genes/MUC6ID44115ch11p15.html) |
| [MUC6](http://atlasgeneticsoncology.org/Genes/MUC6ID44115ch11p15.html) | 11p15.5  | MUC6 (mucin 6, oligomeric mucus/gel-forming) |
|  |  |  |
| MUCIL (Alias) | 12p12.3  | [GUCY2C](http://atlasgeneticsoncology.org/Genes/GUCY2CID43303ch12p13.html) |
| Mucin-16 (Alias) | 19p13.2  | [MUC16](http://atlasgeneticsoncology.org/Genes/MUC16ID41455ch19q13.html) |
| MUL (Alias) | 17q22  | [TRIM37](http://atlasgeneticsoncology.org/Genes/TRIM37ID42703ch17q23.html) |
| MUM1 (Alias) | 6p25.3  | [IRF4](http://atlasgeneticsoncology.org/Genes/IRF4ID231ch6p25.html) |
| MU-RMS-40.16A (Alias) | 7q21.2  | [AKAP9](http://atlasgeneticsoncology.org/Genes/AKAP9ID42999ch7q21.html) |
| MUTCH-I (Alias) | 11p13  | [CD44](http://atlasgeneticsoncology.org/Genes/CD44ID980CH11p13.html) |
| [MUTYH](http://atlasgeneticsoncology.org/Genes/MUTYHID41464ch1p34.html) | 1p34.1  | MUTYH (mutY homolog (E. coli)) |
|  |  |  |
| MutY homolog (hMYH) (Alias) | 1p34.1  | [MUTYH](http://atlasgeneticsoncology.org/Genes/MUTYHID41464ch1p34.html) |
| MVCD4 (Alias) | 2q13  | [IL1RN](http://atlasgeneticsoncology.org/Genes/IL1RNID40953ch2q13.html) |
| [MVP](http://atlasgeneticsoncology.org/Genes/LRPID120.html) | 16p11.2  | MVP (major vault protein) |
|  |  |  |
| [MXI1](http://atlasgeneticsoncology.org/Genes/MXI1ID209.html) | 10q25.2  | MXI1 (MAX interactor 1) |
|  |  |  |
| Mxi2 (Alias) | 6p21.31  | [MAPK14](http://atlasgeneticsoncology.org/Genes/MAPK14ID41292ch6p21.html) |
| MXR7 (Alias) | Xq26.2  | [GPC3](http://atlasgeneticsoncology.org/Genes/GPC3ID156.html) |
| [MYBBP1A](http://atlasgeneticsoncology.org/Genes/MYBBP1AID41467ch17p13.html) | 17p13.2  | MYBBP1A (MYB binding protein (P160) 1a) |
|  |  |  |
| [MYB](http://atlasgeneticsoncology.org/Genes/MYBID41466ch6q23.html) | 6q23.3  | MYB (v-myb myeloblastosis viral oncogene homolog (avian)) |
| [MYBL1](http://atlasgeneticsoncology.org/Genes/MYBL1ID41468ch8q13.html) | 8q13.1  | MYBL1 (v-myb myeloblastosis viral oncogene homolog (avian)-like 1) |
|  |  |  |
| [MYBL2](http://atlasgeneticsoncology.org/Genes/MYBL2ID41469ch20q13.html) | 20q13.12  | MYBL2 (v-myb myeloblastosis viral oncogene homolog (avian)-like 2) |
|  |  |  |
| [MYB](http://atlasgeneticsoncology.org/Genes/MYBID41466ch6q23.html) | 6q23.3  | MYB (v-myb myeloblastosis viral oncogene homolog (avian)) |
| [MYC](http://atlasgeneticsoncology.org/Genes/MYCID27.html) | 8q24.21  | MYC v-myc myelocytomatosis viral oncogene homolog (avian) |
| [MYCN](http://atlasgeneticsoncology.org/Genes/NMYCID112.html) | 2p24.3  | MYCN (v-myc myelocytomatosis viral related oncogene, neuroblastoma derived (avian)) |
|  |  |  |
| [MYC](http://atlasgeneticsoncology.org/Genes/MYCID27.html) | 8q24.21  | MYC v-myc myelocytomatosis viral oncogene homolog (avian) |
| [MYEOV](http://atlasgeneticsoncology.org/Genes/MYEOVID395.html) | 11q13.3  | MYEOV (myeloma overexpressed (in a subset of t (11;14) positive multiple myelomas)) |
|  |  |  |
| [MYH11](http://atlasgeneticsoncology.org/Genes/MYH11ID43.html) | 16p13.11  | MYH11 (myosin heavy chain) (incomplete) |
|  |  |  |
| [MYH9](http://atlasgeneticsoncology.org/Genes/MYH9ID481.html) | 22q12.3  | MYH9 (myosin, heavy polypeptide 9, non-muscle) |
|  |  |  |
| MYH (Alias) | 1p34.1  | [MUTYH](http://atlasgeneticsoncology.org/Genes/MUTYHID41464ch1p34.html) |
| MYHbeta (Alias) | 1p34.1  | [MUTYH](http://atlasgeneticsoncology.org/Genes/MUTYHID41464ch1p34.html) |
| MYHL (Alias) | 12q13.3  | [MYO1A](http://atlasgeneticsoncology.org/Genes/MYO1AID47246ch12q13.html) |
| MYL (Alias) | 15q24.1  | [PML](http://atlasgeneticsoncology.org/Genes/PMLID41.html) |
| MYLK1 (Alias) | 3q21.1  | [MYLK](http://atlasgeneticsoncology.org/Genes/MYLKID43364ch3q21.html) |
| [MYLK](http://atlasgeneticsoncology.org/Genes/MYLKID43364ch3q21.html) | 3q21.1  | MYLK (myosin light chain kinase) |
|  |  |  |
| [MYO1A](http://atlasgeneticsoncology.org/Genes/MYO1AID47246ch12q13.html) | 12q13.3  | MYO1A (myosin IA) |
|  |  |  |
| Myomegalin (Alias) | 1q21.1  | [PDE4DIP](http://atlasgeneticsoncology.org/Genes/PDE4DIP01q22ID180.html) |
| Myopodin (Alias) | 4q26  | [SYNPO2](http://atlasgeneticsoncology.org/Genes/SYNPO2ID488.html) |
| Myosin heavy chain, nonmuscle type A (Alias) | 22q12.3  | [MYH9](http://atlasgeneticsoncology.org/Genes/MYH9ID481.html) |
| Myotendinous antigen (Alias) | 9q33.1  | [TNC](http://atlasgeneticsoncology.org/Genes/TNCID42597ch9q33.html) |
| MYP (Alias) | 16q22.1  | [NOL3](http://atlasgeneticsoncology.org/Genes/NOL3ID41552ch16q22.html) |
| MYST3 (Alias) | 8p11.21  | [KAT6A](http://atlasgeneticsoncology.org/Genes/MYST3ID25ch8p11.html) |
| MYST4 (Alias) | 10q22.2  | [KAT6B](http://atlasgeneticsoncology.org/Genes/MYST4ID41488ch10q22.html) |

|  |  |  |
| --- | --- | --- |
| N10 (Alias) | 12q13.13  | [NR4A1](http://atlasgeneticsoncology.org/Genes/NR4A1ID41573ch12q13.html) |
| N8L (Alias) | 8q21.13  | [TPD52](http://atlasgeneticsoncology.org/Genes/TPD52ID42676ch8q21.html) |
| NA1/NA2 (Alias) | 8p21.1  | [CLU](http://atlasgeneticsoncology.org/Genes/CLUID40107ch8p21.html) |
| NAC-1 (Alias) | 19p13.2  | [NACC1](http://atlasgeneticsoncology.org/Genes/NACC1ID44511ch19p13.html) |
| NAC1 (Alias) | 19p13.2  | [NACC1](http://atlasgeneticsoncology.org/Genes/NACC1ID44511ch19p13.html) |
| [NACC1](http://atlasgeneticsoncology.org/Genes/NACC1ID44511ch19p13.html) | 19p13.2  | NACC1 (nucleus accumbens associated 1, BEN and BTB (POZ) domain containing) |
|  |  |  |
| N-ACHE (Alias) | 7q22.1  | [ACHE](http://atlasgeneticsoncology.org/Genes/ACHEID44317ch7q22.html) |
| NAG-1 (Alias) | 19p13.11  | [GDF15](http://atlasgeneticsoncology.org/Genes/GDF15ID40701ch19p13.html) |
| NAK-1 (Alias) | 12q13.13  | [NR4A1](http://atlasgeneticsoncology.org/Genes/NR4A1ID41573ch12q13.html) |
| [NAMPT](http://atlasgeneticsoncology.org/Genes/NAMPTID43890ch7q22.html) | 7q22.3  | NAMPT (nicotinamide phosphoribosyltransferase) |
|  |  |  |
| [NANOG](http://atlasgeneticsoncology.org/Genes/NANOGID46540ch12p13.html) | 12p13.31  | NANOG (Nanog homeobox) |
|  |  |  |
| [NAPA](http://atlasgeneticsoncology.org/Genes/NAPAID44025ch19q13.html) | 19q13.32  | NAPA (N-ethylmaleimide-sensitive factor attachment protein, alpha) |
|  |  |  |
| NAPOR (Alias) | 10p14  | [CELF2](http://atlasgeneticsoncology.org/Genes/CELF2ID52815ch10p14.html) |
| NAT1 (Alias) | 10p15.1  | [NET1](http://atlasgeneticsoncology.org/Genes/NET1ID41526ch10p15.html) |
| [NAT1](http://atlasgeneticsoncology.org/Genes/NAT1ID41497ch8p22.html) | 8p22  | NAT1 (N-acetyltransferase 1 (arylamine N-acetyltransferase)) |
|  |  |  |
| [NAT2](http://atlasgeneticsoncology.org/Genes/NAT2ID41498ch8p22.html) | 8p22  | NAT2 (N-acetyltransferase 2 (arylamine N-acetyltransferase)) |
|  |  |  |
| NB (Alias) | 17q21.33  | [NME1](http://atlasgeneticsoncology.org/Genes/NME1ID445ch17q21.html) |
| [NBEAP1](http://atlasgeneticsoncology.org/Genes/BCL8ID781ch15q11.html) | 15q11.2  | NBEAP1 (B-cell CLL/lymphoma 8) |
|  |  |  |
| Nbla00271 (Alias) | 2p16.1  | [RTN4](http://atlasgeneticsoncology.org/Genes/RTN4ID42182ch2p16.html) |
| Nbla10071 (Alias) | 1p13.2  | [WDR77](http://atlasgeneticsoncology.org/Genes/WDR77ID44142ch1p13.html) |
| Nbla10317 (Alias) | 7q22.1  | [CUX1](http://atlasgeneticsoncology.org/Genes/CUX1ID403ch7q22.html) |
| Nbla10545 (Alias) | 2p16.1  | [RTN4](http://atlasgeneticsoncology.org/Genes/RTN4ID42182ch2p16.html) |
| NBLST2 (Alias) | 4p13  | [PHOX2B](http://atlasgeneticsoncology.org/Genes/PHOX2BID126ch4p13.html) |
| [NBN](http://atlasgeneticsoncology.org/Genes/NBS1ID160.html) | 8q21.3  | NBN (Nijmegen breakage syndrome 1) |
|  |  |  |
| NBP (Alias) | 3q28  | [TP63](http://atlasgeneticsoncology.org/Genes/TP63ID365ch3q27.html) |
| NBPhox (Alias) | 4p13  | [PHOX2B](http://atlasgeneticsoncology.org/Genes/PHOX2BID126ch4p13.html) |
| NBS1 (Nijmegen breakage syndrome 1) (Alias) | 8q21.3  | [NBN](http://atlasgeneticsoncology.org/Genes/NBS1ID160.html) |
| NBS (Alias) | 17q21.33  | [NME1](http://atlasgeneticsoncology.org/Genes/NME1ID445ch17q21.html) |
| N-CAML1 (Alias) | Xq28  | [L1CAM](http://atlasgeneticsoncology.org/Genes/L1CAMID44110chXq28.html) |
| NCC27 (Alias) | 6p21.33  | [CLIC1](http://atlasgeneticsoncology.org/Genes/CLIC1ID50543ch6p21.html) |
| NCKAP3 (Alias) | 20q12  | [PLCG1](http://atlasgeneticsoncology.org/Genes/PLCG1ID44163ch20q12.html) |
| [NCKIPSD](http://atlasgeneticsoncology.org/Genes/AF3p21ID228.html) | 3p21.31  | NCKIPSD (NCK interacting protein with SH3 domain) |
|  |  |  |
| [NCOA3](http://atlasgeneticsoncology.org/Genes/NCOA3ID505ch20q13.html) | 20q13.12  | NCOA3 (Nuclear Receptor Coactivator 3) |
|  |  |  |
| [NCOA4](http://atlasgeneticsoncology.org/Genes/NCOA4ID218ch10q11.html) | 10q11.23  | NCOA4 (Nuclear Receptor Coactivator 4) |
|  |  |  |
| [NCR2](http://atlasgeneticsoncology.org/Genes/NCR2ID46140ch6p21.html) | 6p21.1  | NCR2 (natural cytotoxicity triggering receptor 2) |
|  |  |  |
| NCRNA00030 (Alias) | 1q25.1  | [GAS5](http://atlasgeneticsoncology.org/Genes/GAS5ID50217ch1q25.html) |
| NDH2 (Alias) | 1q25.3  | [DHX9](http://atlasgeneticsoncology.org/Genes/DHX9ID44879ch1q25.html) |
| NDHII (Alias) | 1q25.3  | [DHX9](http://atlasgeneticsoncology.org/Genes/DHX9ID44879ch1q25.html) |
| NDKA (Alias) | 17q21.33  | [NME1](http://atlasgeneticsoncology.org/Genes/NME1ID445ch17q21.html) |
| NDPK-A (Alias) | 17q21.33  | [NME1](http://atlasgeneticsoncology.org/Genes/NME1ID445ch17q21.html) |
| NDPKA (Alias) | 17q21.33  | [NME1](http://atlasgeneticsoncology.org/Genes/NME1ID445ch17q21.html) |
| NDPP1 (Alias) | 19q13.33  | [CARD8](http://atlasgeneticsoncology.org/Genes/CARD8ID913ch19q13.html) |
| NDPP1 (Alias) | 1q42.12  | [ENAH](http://atlasgeneticsoncology.org/Genes/ENAHID44148ch1q42.html) |
| NDR1 (Alias) | 8q24.22  | [NDRG1](http://atlasgeneticsoncology.org/Genes/NDRG1ID41512ch8q24.html) |
| [NDRG1](http://atlasgeneticsoncology.org/Genes/NDRG1ID41512ch8q24.html) | 8q24.22  | NDRG1 (N-myc downstream regulated 1) |
|  |  |  |
| [NDRG2](http://atlasgeneticsoncology.org/Genes/NDRG2ID41513ch14q11.html) | 14q11.2  | NDRG2 (NDRG family member 2) |
|  |  |  |
| Necl-4 (Alias) | 19q13.31  | [CADM4](http://atlasgeneticsoncology.org/Genes/CADM4ID46066ch19q13.html) |
| NECL4 (Alias) | 19q13.31  | [CADM4](http://atlasgeneticsoncology.org/Genes/CADM4ID46066ch19q13.html) |
| Nectin-4 (Alias) | 1q23.3  | [PVRL4](http://atlasgeneticsoncology.org/Genes/PVRL4ID44141ch1q23.html) |
| NEF (Alias) | 21q22.3  | [S100B](http://atlasgeneticsoncology.org/Genes/S100BID42195ch21q22.html) |
| NEGF1 (Alias) | 7q33  | [PTN](http://atlasgeneticsoncology.org/Genes/PTNID41904ch7q33.html) |
| NEH1 (Alias) | 15q24.2  | [NEIL1](http://atlasgeneticsoncology.org/Genes/NEIL1ID41519ch15q24.html) |
| NEI1 (Alias) | 15q24.2  | [NEIL1](http://atlasgeneticsoncology.org/Genes/NEIL1ID41519ch15q24.html) |
| [NEIL1](http://atlasgeneticsoncology.org/Genes/NEIL1ID41519ch15q24.html) | 15q24.2  | NEIL1 (nei endonuclease VIII-like 1 (E. coli)) |
|  |  |  |
| NEM1 (Alias) | 1q21.3  | [TPM3](http://atlasgeneticsoncology.org/Genes/TPM3ID225.html) |
| NEP (Alias) | 6p21.33  | [DDR1](http://atlasgeneticsoncology.org/Genes/DDR1ID40280ch6p21.html) |
| Nephropontin (Alias) | 4q22.1  | [SPP1](http://atlasgeneticsoncology.org/Genes/SPP1ID42379ch4q22.html) |
| Neprilysin (NEP) (Alias) | 3q25.2  | [MME](http://atlasgeneticsoncology.org/Genes/MMEID41386ch3q25.html) |
| NES1 (Alias) | 19q13.41  | [KLK10](http://atlasgeneticsoncology.org/Genes/KLK10ID41076ch19q13.html) |
| NESP (Alias) | 20q13.32  | [GNAS](http://atlasgeneticsoncology.org/Genes/GNASID40727ch20q13.html) |
| NET1A (Alias) | 10p15.1  | [NET1](http://atlasgeneticsoncology.org/Genes/NET1ID41526ch10p15.html) |
| NET-1 (Alias) | 1p34.1  | [TSPAN1](http://atlasgeneticsoncology.org/Genes/TSPAN1ID44178ch1p34.html) |
| [NET1](http://atlasgeneticsoncology.org/Genes/NET1ID41526ch10p15.html) | 10p15.1  | NET1 (neuroepithelial cell transforming gene 1) |
|  |  |  |
| NET35 (Alias) | 8p21.3  | [KIAA1967](http://atlasgeneticsoncology.org/Genes/KIAA1967ID46056ch8p21.html) |
| [NEU3](http://atlasgeneticsoncology.org/Genes/NEU3ID44505ch11q13.html) | 11q13.4  | NEU3 (sialidase 3 (membrane sialidase)) |
|  |  |  |
| NEU (Alias) | 17q12  | [ERBB2](http://atlasgeneticsoncology.org/Genes/ERBB2ID162ch17q11.html) |
| Neural Crest Transcription Factor SLUG (Alias) | 8q11.21  | [SNAI2](http://atlasgeneticsoncology.org/Genes/SNAI2ID453.html) |
| Neuronectin (Alias) | 9q33.1  | [TNC](http://atlasgeneticsoncology.org/Genes/TNCID42597ch9q33.html) |
| Neurotrophin 3 Receptor (Alias) | 15q25.3  | [NTRK3](http://atlasgeneticsoncology.org/Genes/NTRK3ID433.html) |
| Neutral endopeptidase (Alias) | 3q25.2  | [MME](http://atlasgeneticsoncology.org/Genes/MMEID41386ch3q25.html) |
| NF15S2 (Alias) | 3p21.31  | [MST1](http://atlasgeneticsoncology.org/Genes/MST1ID44411ch3p21.html) |
| [NF1](http://atlasgeneticsoncology.org/Genes/NF1ID134.html) | 17q11.2  | NF1 (neurofibromin 1) |
|  |  |  |
| [NF2](http://atlasgeneticsoncology.org/Genes/NF2ID117.html) | 22q12.2  | NF2 (neurofibromatosis type 2) |
|  |  |  |
| NFAT1 (Alias) | 20q13.2  | [NFATC2](http://atlasgeneticsoncology.org/Genes/NFATC2ID44004ch20q13.html) |
| [NFATC2](http://atlasgeneticsoncology.org/Genes/NFATC2ID44004ch20q13.html) | 20q13.2  | NFATC2 (nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2) |
|  |  |  |
| NFATP (Alias) | 20q13.2  | [NFATC2](http://atlasgeneticsoncology.org/Genes/NFATC2ID44004ch20q13.html) |
| NFE1 (Alias) | Xp11.23  | [GATA1](http://atlasgeneticsoncology.org/Genes/GATA1ID40689chXp11.html) |
| NFE1B (Alias) | 3q21.3  | [GATA2](http://atlasgeneticsoncology.org/Genes/GATA2ID44160ch3q21.html) |
| [NFE2L2](http://atlasgeneticsoncology.org/Genes/NFE2L2ID44284ch2q31.html) | 2q31.2  | NFE2L2 (nuclear factor, erythroid 2-like 2) |
|  |  |  |
| NF-EM5 (Alias) | 6p25.3  | [IRF4](http://atlasgeneticsoncology.org/Genes/IRF4ID231ch6p25.html) |
| NFIV (Alias) | 2q35  | [XRCC5](http://atlasgeneticsoncology.org/Genes/XRCC5ID337ch2q35.html) |
| [NFKB1](http://atlasgeneticsoncology.org/Genes/NFKB1ID323.html) | 4q24  | NFKB1 (nuclear factor of kappa light polypeptide gene enhancer in B-cells 1) |
|  |  |  |
| [NFKB2](http://atlasgeneticsoncology.org/Genes/NFKB2ID362.html) | 10q24.32  | NFKB2 nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100) |
|  |  |  |
| NF-kB3 (Alias) | 11q13.1  | [RELA](http://atlasgeneticsoncology.org/Genes/RELAID325.html) |
| NF-kB p100 (Alias) | 10q24.32  | [NFKB2](http://atlasgeneticsoncology.org/Genes/NFKB2ID362.html) |
| NF-kB p105 (Alias) | 4q24  | [NFKB1](http://atlasgeneticsoncology.org/Genes/NFKB1ID323.html) |
| NF-kB p50 (Alias) | 4q24  | [NFKB1](http://atlasgeneticsoncology.org/Genes/NFKB1ID323.html) |
| NF-kB p52 (Alias) | 10q24.32  | [NFKB2](http://atlasgeneticsoncology.org/Genes/NFKB2ID362.html) |
| NF-kB p65 (Alias) | 11q13.1  | [RELA](http://atlasgeneticsoncology.org/Genes/RELAID325.html) |
| NG36 (Alias) | 6p21.33  | [EHMT2](http://atlasgeneticsoncology.org/Genes/EHMT2ID51148ch6p21.html) |
| NGFI-A (Alias) | 5q31.2  | [EGR1](http://atlasgeneticsoncology.org/Genes/EGR1ID496ch5q31.html) |
| NGFIB (Alias) | 12q13.13  | [NR4A1](http://atlasgeneticsoncology.org/Genes/NR4A1ID41573ch12q13.html) |
| NGL (Alias) | 17q12  | [ERBB2](http://atlasgeneticsoncology.org/Genes/ERBB2ID162ch17q11.html) |
| NHERF1 (Alias) | 17q25.1  | [SLC9A3R1](http://atlasgeneticsoncology.org/Genes/SLC9A3R1ID46023ch17q25.html) |
| NHERF (Alias) | 17q25.1  | [SLC9A3R1](http://atlasgeneticsoncology.org/Genes/SLC9A3R1ID46023ch17q25.html) |
| NI220/250 (Alias) | 2p16.1  | [RTN4](http://atlasgeneticsoncology.org/Genes/RTN4ID42182ch2p16.html) |
| NIF (Alias) | 1q21.3  | [S100A8](http://atlasgeneticsoncology.org/Genes/S100A8ID46446ch1q21.html) |
| NIF (Alias) | 1q21.3  | [S100A9](http://atlasgeneticsoncology.org/Genes/S100A9ID45569ch1q21.html) |
| NILR (Alias) | 16p12.1  | [IL21R](http://atlasgeneticsoncology.org/Genes/IL21RID40955ch16p12.html) |
| Ninein centrosomal protein. (Alias) | 14q22.1  | [NIN](http://atlasgeneticsoncology.org/Genes/NINID176.html) |
| [NIN](http://atlasgeneticsoncology.org/Genes/NINID176.html) | 14q22.1  | NIN ninein (GSK3B interacting protein) |
|  |  |  |
| NIP3 (Alias) | 10q26.3  | [BNIP3](http://atlasgeneticsoncology.org/Genes/BNIP3ID822ch10q26.html) |
| NIP71 (Alias) | 11q24.1  | [HSPA8](http://atlasgeneticsoncology.org/Genes/HSPA8ID40878ch11q24.html) |
| NIPP-1 (Alias) | 1p35.3  | [PPP1R8](http://atlasgeneticsoncology.org/Genes/PPP1R8ID41811ch1p35.html) |
| NIPP1 (Alias) | 1p35.3  | [PPP1R8](http://atlasgeneticsoncology.org/Genes/PPP1R8ID41811ch1p35.html) |
| NIS (Alias) | 19p13.11  | [SLC5A5](http://atlasgeneticsoncology.org/Genes/SLC5A5ID44476ch19p13.html) |
| NIX (Alias) | 8p21.2  | [BNIP3L](http://atlasgeneticsoncology.org/Genes/BNIP3LID823ch8p21.html) |
| NK-2 (Alias) | 14q13.3  | [NKX2-1](http://atlasgeneticsoncology.org/Genes/NKX2-1ID44015ch14q13.html) |
| NK2 (Alias) | 7q21.3  | [TAC1](http://atlasgeneticsoncology.org/Genes/TAC1ID44483ch7q21.html) |
| NKA (Alias) | 7q21.3  | [TAC1](http://atlasgeneticsoncology.org/Genes/TAC1ID44483ch7q21.html) |
| NKEFA (natural killer-enhancing factor A) (Alias) | 1p34.1  | [PRDX1](http://atlasgeneticsoncology.org/Genes/PAGID266.html) |
| NKG2-D (Alias) | 12p13.2  | [KLRK1](http://atlasgeneticsoncology.org/Genes/KLRK1ID41094ch12p13.html) |
| NKG2D (Alias) | 12p13.2  | [KLRK1](http://atlasgeneticsoncology.org/Genes/KLRK1ID41094ch12p13.html) |
| NKL (Alias) | 16p13.3  | [GLIS2](http://atlasgeneticsoncology.org/Genes/GLIS2ID44598ch16p13.html) |
| NKNA (Alias) | 7q21.3  | [TAC1](http://atlasgeneticsoncology.org/Genes/TAC1ID44483ch7q21.html) |
| NK-p44 (Alias) | 6p21.1  | [NCR2](http://atlasgeneticsoncology.org/Genes/NCR2ID46140ch6p21.html) |
| NKP44 (Alias) | 6p21.1  | [NCR2](http://atlasgeneticsoncology.org/Genes/NCR2ID46140ch6p21.html) |
| NKX2.1 (Alias) | 14q13.3  | [NKX2-1](http://atlasgeneticsoncology.org/Genes/NKX2-1ID44015ch14q13.html) |
| [NKX2-1](http://atlasgeneticsoncology.org/Genes/NKX2-1ID44015ch14q13.html) | 14q13.3  | NKX2-1 (NK2 homeobox 1) |
|  |  |  |
| NKX2.2 (Alias) | 20p11.22  | [NKX2-2](http://atlasgeneticsoncology.org/Genes/NKX22ID44177ch20p11.html) |
| [NKX2-2](http://atlasgeneticsoncology.org/Genes/NKX22ID44177ch20p11.html) | 20p11.22  | NKX2-2 (NK2 homeobox 2) |
|  |  |  |
| [NKX2-5](http://atlasgeneticsoncology.org/Genes/NKX25ID42958ch5q35.html) | 5q35.1  | NKX2-5 (NK2 transcription factor related, locus 5 (Drosophila). |
|  |  |  |
| NKX2A (Alias) | 14q13.3  | [NKX2-1](http://atlasgeneticsoncology.org/Genes/NKX2-1ID44015ch14q13.html) |
| NKX2B (Alias) | 20p11.22  | [NKX2-2](http://atlasgeneticsoncology.org/Genes/NKX22ID44177ch20p11.html) |
| NKX2E (Alias) | 5q35.1  | [NKX2-5](http://atlasgeneticsoncology.org/Genes/NKX25ID42958ch5q35.html) |
| NKX3.1 (Alias) | 8p21.2  | [NKX3-1](http://atlasgeneticsoncology.org/Genes/NKX31ID41541ch8p21.html) |
| [NKX3-1](http://atlasgeneticsoncology.org/Genes/NKX31ID41541ch8p21.html) | 8p21.2  | NKX3-1 (NK3 homeobox 1) |
|  |  |  |
| NKX3A (Alias) | 8p21.2  | [NKX3-1](http://atlasgeneticsoncology.org/Genes/NKX31ID41541ch8p21.html) |
| NKX3 (Alias) | 8p21.2  | [NKX3-1](http://atlasgeneticsoncology.org/Genes/NKX31ID41541ch8p21.html) |
| NLI (Alias) | 10q24.32  | [LDB1](http://atlasgeneticsoncology.org/Genes/LDB1ID41135ch10q24.html) |
| [NLRC4](http://atlasgeneticsoncology.org/Genes/NLRC4ID43189ch2p22.html) | 2p22.3  | NLRC4 (NLR Family, CARD domain containing 4) |
|  |  |  |
| NM\_003072 (Alias) | 19p13.2  | [SMARCA4](http://atlasgeneticsoncology.org/Genes/SMARCA4ID42333ch19p13.html) |
| NM\_004387 (Alias) | 5q35.1  | [NKX2-5](http://atlasgeneticsoncology.org/Genes/NKX25ID42958ch5q35.html) |
| NM\_006253 (Alias) | 12q24.23  | [PRKAB1](http://atlasgeneticsoncology.org/Genes/PRKAB1ID44100ch12q24.html) |
| NM23 (Alias) | 17q21.33  | [NME1](http://atlasgeneticsoncology.org/Genes/NME1ID445ch17q21.html) |
| NM23-H1 (Alias) | 17q21.33  | [NME1](http://atlasgeneticsoncology.org/Genes/NME1ID445ch17q21.html) |
| NMB (Alias) | 7p15.3  | [GPNMB](http://atlasgeneticsoncology.org/Genes/GPNMBID40739ch7p15.html) |
| [NME1](http://atlasgeneticsoncology.org/Genes/NME1ID445ch17q21.html) | 17q21.33  | NME1 (NME/NM23 nucleoside diphosphate kinase 1) |
|  |  |  |
| NMO1 (Alias) | 16q22.1  | [NQO1](http://atlasgeneticsoncology.org/Genes/NQO1ID375.html) |
| NMP238 (Alias) | 3q21.3  | [RUVBL1](http://atlasgeneticsoncology.org/Genes/RUVBL1ID44415ch3q21.html) |
| NMP4 (Alias) | 12p13.31  | [ZNF384](http://atlasgeneticsoncology.org/Genes/ZNF384ID42881ch12p13.html) |
| NMSL (Alias) | 8q24.22  | [NDRG1](http://atlasgeneticsoncology.org/Genes/NDRG1ID41512ch8q24.html) |
| [NMT1](http://atlasgeneticsoncology.org/Genes/NMT1ID43604ch17q21.html) | 17q21.31  | NMT1 (N-myristoyltransferase 1) |
|  |  |  |
| NMT (Alias) | 17q21.31  | [NMT1](http://atlasgeneticsoncology.org/Genes/NMT1ID43604ch17q21.html) |
| NMTC1 (Alias) | 8q22.3  | [CTHRC1](http://atlasgeneticsoncology.org/Genes/CTHRC1ID40193ch8q22.html) |
| N-myc (Alias) | 2p24.3  | [MYCN](http://atlasgeneticsoncology.org/Genes/NMYCID112.html) |
| NNE (Alias) | 1p36.23  | [ENO1](http://atlasgeneticsoncology.org/Genes/ENO1ID40453ch1p36.html) |
| [NNMT](http://atlasgeneticsoncology.org/Genes/NNMTID44506ch11q23.html) | 11q23.2  | NNMT (nicotinamide N-methyltransferase) |
|  |  |  |
| NO38 (Alias) | 5q35.1  | [NPM1](http://atlasgeneticsoncology.org/Genes/NPM1ID22.html) |
| NO52 (Alias) | 3q11.2  | [MINA](http://atlasgeneticsoncology.org/Genes/MINAID44409ch3q11.html) |
| N-Oct3 (Alias) | 6q16.1  | [POU3F2](http://atlasgeneticsoncology.org/Genes/POU3F2ID45747ch6q16.html) |
| NOEY2 (Alias) | 1p31.3  | [DIRAS3](http://atlasgeneticsoncology.org/Genes/DIRAS3ID702ch1p31.html) |
| NOGO-A (Alias) | 2p16.1  | [RTN4](http://atlasgeneticsoncology.org/Genes/RTN4ID42182ch2p16.html) |
| NOGO (Alias) | 2p16.1  | [RTN4](http://atlasgeneticsoncology.org/Genes/RTN4ID42182ch2p16.html) |
| [NOL3](http://atlasgeneticsoncology.org/Genes/NOL3ID41552ch16q22.html) | 16q22.1  | NOL3 (nucleolar protein 3 (apoptosis repressor with CARD domain)) |
|  |  |  |
| Nonmuscle myosin heavy chain-A (NMMHC-A) (Alias) | 22q12.3  | [MYH9](http://atlasgeneticsoncology.org/Genes/MYH9ID481.html) |
| [NONO](http://atlasgeneticsoncology.org/Genes/NONOID168.html) | Xq13.1  | NONO (non-POU domain containing, octamer-binding) |
|  |  |  |
| NOP30 (Alias) | 16q22.1  | [NOL3](http://atlasgeneticsoncology.org/Genes/NOL3ID41552ch16q22.html) |
| NOP (Alias) | 16q22.1  | [NOL3](http://atlasgeneticsoncology.org/Genes/NOL3ID41552ch16q22.html) |
| NOR1 (Alias) | 9q22.33  | [NR4A3](http://atlasgeneticsoncology.org/Genes/TECID75.html) |
| NORE1A (Alias) | 1q32.1  | [RASSF5](http://atlasgeneticsoncology.org/Genes/RASSF5ID42059ch1q32.html) |
| NORE1 (Alias) | 1q32.1  | [RASSF5](http://atlasgeneticsoncology.org/Genes/RASSF5ID42059ch1q32.html) |
| NORE1B (Alias) | 1q32.1  | [RASSF5](http://atlasgeneticsoncology.org/Genes/RASSF5ID42059ch1q32.html) |
| Notch1 (Alias) | 9q34.3  | [NOTCH1](http://atlasgeneticsoncology.org/Genes/NOTCH1ID30ch9q34.html) |
| [NOTCH1](http://atlasgeneticsoncology.org/Genes/NOTCH1ID30ch9q34.html) | 9q34.3  | NOTCH1 (Notch homolog 1, translocation-associated (Drosophila)) |
|  |  |  |
| [NOTCH2](http://atlasgeneticsoncology.org/Genes/NOTCH2ID41556ch1p12.html) | 1p12  | NOTCH2 (Notch homolog 2 (Drosophila)) |
|  |  |  |
| [NOTCH3](http://atlasgeneticsoncology.org/Genes/NOTCH3ID41557ch19p13.html) | 19p13.12  | NOTCH3 (Notch homolog 3 (Drosophila)) |
|  |  |  |
| NOV (Alias) | Xq28  | [RPL10](http://atlasgeneticsoncology.org/Genes/RPL10ID42148chXq28.html) |
| NP10 (Alias) | 12q13.13  | [NR4A1](http://atlasgeneticsoncology.org/Genes/NR4A1ID41573ch12q13.html) |
| NP (Alias) | 19q13.41  | [KLK8](http://atlasgeneticsoncology.org/Genes/KLK8ID41088ch19q13.html) |
| NP (Alias) | 12p13.31  | [ZNF384](http://atlasgeneticsoncology.org/Genes/ZNF384ID42881ch12p13.html) |
| NPHLOP2 (Alias) | 17q25.1  | [SLC9A3R1](http://atlasgeneticsoncology.org/Genes/SLC9A3R1ID46023ch17q25.html) |
| NPHP7 (Alias) | 16p13.3  | [GLIS2](http://atlasgeneticsoncology.org/Genes/GLIS2ID44598ch16p13.html) |
| NPK (Alias) | 7q21.3  | [TAC1](http://atlasgeneticsoncology.org/Genes/TAC1ID44483ch7q21.html) |
| [NPM1](http://atlasgeneticsoncology.org/Genes/NPM1ID22.html) | 5q35.1  | NPM1 (nucleophosmin) |
|  |  |  |
| NPM (Alias) | 5q35.1  | [NPM1](http://atlasgeneticsoncology.org/Genes/NPM1ID22.html) |
| Npn3 (Alias) | 20p13  | [SRXN1](http://atlasgeneticsoncology.org/Genes/SRXN1ID52295ch20p13.html) |
| NPP2 (Alias) | 8q24.12  | [ENPP2](http://atlasgeneticsoncology.org/Genes/ENPP2ID40455ch8q24.html) |
| NPP-7 (Alias) | 17q25.3  | [ENPP7](http://atlasgeneticsoncology.org/Genes/ENPP7ID44055ch17q25.html) |
| [NPY1R](http://atlasgeneticsoncology.org/Genes/NPY1RID44260ch4q32.html) | 4q32.2  | NPY1R (neuropeptide Y receptor Y1) |
|  |  |  |
| [NPY](http://atlasgeneticsoncology.org/Genes/NPYID44438ch7p15.html) | 7p15.3  | NPY (neuropeptide Y) |
|  |  |  |
| NPYR (Alias) | 4q32.2  | [NPY1R](http://atlasgeneticsoncology.org/Genes/NPY1RID44260ch4q32.html) |
| [NQO1](http://atlasgeneticsoncology.org/Genes/NQO1ID375.html) | 16q22.1  | NQO1 NAD (P)H dehydrogenase, quinone 1 |
|  |  |  |
| [NR0B1](http://atlasgeneticsoncology.org/Genes/NR0B1ID44131chXp21.html) | Xp21.2  | NR0B1 (nuclear receptor subfamily 0, group B, member 1) |
|  |  |  |
| NR1A2 (Alias) | 3p24.2  | [THRB](http://atlasgeneticsoncology.org/Genes/THRBID42554ch3p24.html) |
| NR1C2 (Alias) | 6p21.31  | [PPARD](http://atlasgeneticsoncology.org/Genes/PPARDID41794ch6p21.html) |
| NR1C3 (Alias) | 3p25.2  | [PPARG](http://atlasgeneticsoncology.org/Genes/PPARGID383ch3p25.html) |
| [NR1H4](http://atlasgeneticsoncology.org/Genes/NR1H4ID46032ch12q23.html) | 12q23.1  | NR1H4 (nuclear receptor subfamily 1, group H, member 4) |
|  |  |  |
| NR3A2 (Alias) | 14q23.2  | [ESR2](http://atlasgeneticsoncology.org/Genes/ESR2ID40500ch14q23.html) |
| NR3B1 (Alias) | 11q13.1  | [ESRRA](http://atlasgeneticsoncology.org/Genes/ESRRAID44408ch11q13.html) |
| NR3B3 (Alias) | 1q41  | [ESRRG](http://atlasgeneticsoncology.org/Genes/ESRRGID45840ch1q41.html) |
| [NR3C2](http://atlasgeneticsoncology.org/Genes/NR3C2ID44262ch4q31.html) | 4q31.23  | NR3C2 (nuclear receptor subfamily 3, group C, member 2) |
|  |  |  |
| NR3C4 (Alias) | Xq12  | [AR](http://atlasgeneticsoncology.org/Genes/ARID685chXq12.html) |
| [NR4A1](http://atlasgeneticsoncology.org/Genes/NR4A1ID41573ch12q13.html) | 12q13.13  | NR4A1 (nuclear receptor subfamily 4, group A, member 1) |
|  |  |  |
| NR4A3 (Alias) | 9q22.33  | [NR4A3](http://atlasgeneticsoncology.org/Genes/TECID75.html) |
| [NR4A3](http://atlasgeneticsoncology.org/Genes/TECID75.html) | 9q22.33  | NR4A3 (nuclear receptor subfamily 4, group A, member 3) |
|  |  |  |
| [NR5A1](http://atlasgeneticsoncology.org/Genes/NR5A1ID45858ch9q33.html) | 9q33.3  | NR5A1 (nuclear receptor subfamily 5, group A, member 1) |
|  |  |  |
| [NRAS](http://atlasgeneticsoncology.org/Genes/NRASID92.html) | 1p13.2  | NRAS (neuroblastoma RAS viral oncogene homolog) |
| N-RAS (neuroblastoma RAS viral oncogene homolog) (Alias) | 1p13.2  | [NRAS](http://atlasgeneticsoncology.org/Genes/NRASID92.html) |
|  |  |  |
| Nr-CAM (Alias) | 7q31.1  | [NRCAM](http://atlasgeneticsoncology.org/Genes/NRCAMID41578ch7q31.html) |
| [NRCAM](http://atlasgeneticsoncology.org/Genes/NRCAMID41578ch7q31.html) | 7q31.1  | NRCAM (neuronal cell adhesion molecule) |
|  |  |  |
| [NRF1](http://atlasgeneticsoncology.org/Genes/NRF1ID44233ch7q32.html) | 7q32.2  | NRF1 (nuclear respiratory factor 1) |
|  |  |  |
| NRF2 (Alias) | 2q31.2  | [NFE2L2](http://atlasgeneticsoncology.org/Genes/NFE2L2ID44284ch2q31.html) |
| NRG-1 (Alias) | 19p13.11  | [GDF15](http://atlasgeneticsoncology.org/Genes/GDF15ID40701ch19p13.html) |
| [NRIP1](http://atlasgeneticsoncology.org/Genes/NRIP1ID44067ch21q11.html) | 21q11.2  | NRIP1 (nuclear receptor interacting protein 1) |
|  |  |  |
| NROB1 (Alias) | Xp21.2  | [NR0B1](http://atlasgeneticsoncology.org/Genes/NR0B1ID44131chXp21.html) |
| NRPB (Alias) | 5q13.3  | [ENC1](http://atlasgeneticsoncology.org/Genes/NRPBID40451ch5q12.html) |
| NRP/B (Nuclear Matrix Restricted Protein/Brain) (Alias) | 5q13.3  | [ENC1](http://atlasgeneticsoncology.org/Genes/NRPBID40451ch5q12.html) |
| NRPN (Alias) | 19q13.41  | [KLK8](http://atlasgeneticsoncology.org/Genes/KLK8ID41088ch19q13.html) |
| NRSF (Alias) | 4q12  | [REST](http://atlasgeneticsoncology.org/Genes/RESTID44266ch4q12.html) |
| NS5ATP9 (Alias) | 15q22.31  | [KIAA0101](http://atlasgeneticsoncology.org/Genes/KIAA0101ID41058ch15q22.html) |
| N-SAM (NCC-IT-cell derived stomach cancer amplified gene) (Alias) | 8p11.23  | [FGFR1](http://atlasgeneticsoncology.org/Genes/FGFR1ID113.html) |
| [NSD1](http://atlasgeneticsoncology.org/Genes/NSD1ID356.html) | 5q35.2  | NSD1 (Nuclear receptor-binding, su (var), enhancer-of-zeste and trithorax domain-containing protein 1 |
|  |  |  |
| NSD2 (Alias) | 4p16.3  | [WHSC1](http://atlasgeneticsoncology.org/Genes/WHSC1ID42809ch4p16.html) |
| NSD3 (Nuclear receptor-binding, su (var), enhancer-of-zeste and trithorax domain-containing protein 3). (Alias) | 8p11.23  | [WHSC1L1](http://atlasgeneticsoncology.org/Genes/WHSC1L1NSD3ID42810ch8p11.html) |
| NSEP-1 (Alias) | 1p34.2  | [YBX1](http://atlasgeneticsoncology.org/Genes/YBX1ID46554ch1p34.html) |
| NSEP1 (Alias) | 1p34.2  | [YBX1](http://atlasgeneticsoncology.org/Genes/YBX1ID46554ch1p34.html) |
| NSHPT (Alias) | 3q21.1  | [CASR](http://atlasgeneticsoncology.org/Genes/CASRID43977ch3q21.html) |
| NSP (Alias) | 2p16.1  | [RTN4](http://atlasgeneticsoncology.org/Genes/RTN4ID42182ch2p16.html) |
| NSP-CL (Alias) | 2p16.1  | [RTN4](http://atlasgeneticsoncology.org/Genes/RTN4ID42182ch2p16.html) |
| NT5 (Alias) | 6q14.3  | [NT5E](http://atlasgeneticsoncology.org/Genes/NT5EID44492ch6q14.html) |
| [NT5E](http://atlasgeneticsoncology.org/Genes/NT5EID44492ch6q14.html) | 6q14.3  | NT5E (5'-nucleotidase, ecto (CD73)) |
|  |  |  |
| NT6 (Alias) | 3p21.31  | [HYAL1](http://atlasgeneticsoncology.org/Genes/HYAL1ID40903ch3p21.html) |
| NT (Alias) | 6q14.3  | [NT5E](http://atlasgeneticsoncology.org/Genes/NT5EID44492ch6q14.html) |
| NTE (Alias) | 6q14.3  | [NT5E](http://atlasgeneticsoncology.org/Genes/NT5EID44492ch6q14.html) |
| NTF97 (Alias) | 17q21.32  | [KPNB1](http://atlasgeneticsoncology.org/Genes/KPNB1ID41101ch17q21.html) |
| NTN (Alias) | 16q21  | [CX3CL1](http://atlasgeneticsoncology.org/Genes/CX3CL1ID46756ch16q13.html) |
| [NTRK2](http://atlasgeneticsoncology.org/Genes/NTRK2ID41589ch9q21.html) | 9q21.33  | NTRK2 (Neurotrophic tyrosine kinase, receptor, type 2) |
|  |  |  |
| [NTRK3](http://atlasgeneticsoncology.org/Genes/NTRK3ID433.html) | 15q25.3  | NTRK3 (neurotrophic tyrosine kinase, receptor, type 3) |
|  |  |  |
| NTRK4 (Alias) | 6p21.33  | [DDR1](http://atlasgeneticsoncology.org/Genes/DDR1ID40280ch6p21.html) |
| NTRKR2 (Alias) | 9q22.31  | [ROR2](http://atlasgeneticsoncology.org/Genes/ROR2ID43476ch9q22.html) |
| NTT (Alias) | 16q21  | [CX3CL1](http://atlasgeneticsoncology.org/Genes/CX3CL1ID46756ch16q13.html) |
| [NUAK1](http://atlasgeneticsoncology.org/Genes/NUAK1ID46275ch12q23.html) | 12q23.3  | NUAK1 (NUAK family, SNF1-like kinase, 1) |
|  |  |  |
| NUC1 (Alias) | 6p21.31  | [PPARD](http://atlasgeneticsoncology.org/Genes/PPARDID41794ch6p21.html) |
| NUCI (Alias) | 6p21.31  | [PPARD](http://atlasgeneticsoncology.org/Genes/PPARDID41794ch6p21.html) |
| NUCII (Alias) | 6p21.31  | [PPARD](http://atlasgeneticsoncology.org/Genes/PPARDID41794ch6p21.html) |
| [NUDT6](http://atlasgeneticsoncology.org/Genes/NUDT6ID41593ch4q28.html) | 4q28.1  | NUDT6 (nudix (nucleoside diphosphate linked moiety X)-type motif 6) |
|  |  |  |
| [NUMA1](http://atlasgeneticsoncology.org/Genes/NUMAID119.html) | 11q13.4  | NUMA1 (nuclear mitotic apparatus protein 1) |
|  |  |  |
| Numatrin (Alias) | 5q35.1  | [NPM1](http://atlasgeneticsoncology.org/Genes/NPM1ID22.html) |
| [NUMB](http://atlasgeneticsoncology.org/Genes/NUMBID43702ch14q24.html) | 14q24.2  | NUMB (numb homolog (Drosophila)) |
|  |  |  |
| [NUP214](http://atlasgeneticsoncology.org/Genes/CANID29.html) | 9q34.13  | NUP214 (nucleoporin 214kDa) |
| NUP214 (nuclear pore complex protein 214 kDa) (Alias) | 9q34.13  | [NUP214](http://atlasgeneticsoncology.org/Genes/CANID29.html) |
|  |  |  |
| NUP358 (Alias) | 2q12.3  | [RANBP2](http://atlasgeneticsoncology.org/Genes/RANBP2ID483.html) |
| [NUP98](http://atlasgeneticsoncology.org/Genes/NUPID98.html) | 11p15.4  | NUP98 (nucleoporin 98 kDa) |
|  |  |  |
| NUR77 (Alias) | 12q13.13  | [NR4A1](http://atlasgeneticsoncology.org/Genes/NR4A1ID41573ch12q13.html) |
| [NUTM1](http://atlasgeneticsoncology.org/Genes/NUTID41595ch15q14.html) | 15q14  | NUTM1 (nuclear protein in testis) |
|  |  |  |
| NY-BR-84 (Alias) | 20q11.22  | [ERGIC3](http://atlasgeneticsoncology.org/Genes/ERGIC3ID42222ch20q11.html) |
| NY-BR-85 (Alias) | 3p24.3  | [SGOL1](http://atlasgeneticsoncology.org/Genes/SGOL1ID50710ch3p24.html) |
| NY-CO-25 (Alias) | 13q12.3  | [HSPH1](http://atlasgeneticsoncology.org/Genes/HSPH1ID40891ch13q12.html) |
| NY-CO-41 (Alias) | 18q21.2  | [MBD2](http://atlasgeneticsoncology.org/Genes/MBD2ID41309ch18q21.html) |
| NY-CO-43 (Alias) | 9q22.31  | [WNK2](http://atlasgeneticsoncology.org/Genes/WNK2ID41867ch9q22.html) |
| Nyk (Alias) | 2q13  | [MERTK](http://atlasgeneticsoncology.org/Genes/MERTKID41339ch2q13.html) |
| NY-REN-19 antigen (Alias) | 19p13.3  | [STK11](http://atlasgeneticsoncology.org/Genes/STK11ID292.html) |
| NY-REN-60 (Alias) | 17q23.1  | [USP32](http://atlasgeneticsoncology.org/Genes/USP32ID52046ch17q23.html) |

**References**

## Atlas of Genetics and Cytogenetics in Oncology and Haematology. Genes in cancer. http://atlasgeneticsoncology.org/Indexbyalpha/idxa\_E.html. 2015.

## HGNC. HUGO Gene Nomenclature Committee. http://www.genenames.org. 2015.

## Ma H, Ma M. Stem Cell Introduction. *Stem Cell* 2014;5(2):1-10.

1. National Center for Biotechnology Information, U.S. National Library of Medicine**.** http://www.ncbi.nlm.nih.gov/pubmed. 2014.
2. Wikipedia. The free encyclopedia. http://en.wikipedia.org. 2014.

6/25/2020