

Somatic Genetic Testing Reference Sequences

(As of June 19, 2023)

Gene	MANE Transcript
ABI1	NM_001012750.3
ABL1	NM_005157.6
ABL2	NM_007314.4
ACACA	NM_198834.3
ACE	NM_000789.4
ACER1	NM_133492.3
ACKR3	NM_020311.3
ACSL6	NM_001009185.3
ACTB	NM_001101.5
ACTL6A	NM_004301.5
ACVR2A	NM_001616.5
ADD3	NM_016824.5
ADGRF5	NM_001098518.2
ADGRG7	NM_032787.3
AFDN	NM_001386888.1
AFF1	NM_001166693.3
AFF2	NM_002025.4
AFF3	NM_001386135.1
AFF4	NM_014423.4
AGR3	NM_176813.5
AHI1	NM_001134831.2
AHRR	NM_001377236.1

Gene	MANE Transcript
AKT1	NM_001382430.1
ALK	NM_004304.5
ANKRD28	NM_001349278.2
APC	NM_000038.6
AR	NM_000044.6
ARAF	NM_001654.5
ARHGAP20	NM_001384657.1
ARHGAP26	NM_001135608.3
ARID1A	NM_006015.6
ARNT	NM_001668.4
ASPSCR1	NM_024083.4
ASTN2	NM_001365068.1
ATF1	NM_005171.5
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ATM	NM_000051.4
ATP1B4	NM_001142447.3
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AUTS2	NM_015570.4
BACH2	NM_021813.4
BAG4	NM_004874.4
BAIAP2L1	NM_018842.5
BAP1	NM_004656.4

Gene	MANE Transcript
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BCAS3	NM_017679.5
BCAS4	NM_198799.4
BCL10	NM_003921.5
BCL11A	NM_022893.4
BCL11B	NM_138576.4
BCL2	NM_000633.3
BCL2L1	NM_138578.3
BCL3	NM_005178.5
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BCL9	NM_004326.4
BCOR	NM_001123385.2
BCORL1	NM_001379451.1
BCR	NM_004327.4
BDNF	NM_001709.5
BICC1	NM_001080512.3
BIRC3	NM_001165.5
BIRC6	NM_016252.4
BRAF	NM_004333.6
BRCA1	NM_007294.4
BRCA2	NM_000059.4

Gene	MANE Transcript
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BRD3	NM_007371.4
BRD4	NM_001379291.1
BRIP1	NM_032043.3
BRWD3	NM_153252.5
BTBD18	NM_001145101.3
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C11orf1	NM_022761.3
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CCAR2	NM_001393997.1
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CCDC6	NM_005436.5
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CCNB1IP1	NM_021178.5
CCNB3	NM_033031.3
CCND1	NM_053056.3
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CDK5RAP2	NM_018249.6

Gene	MANE Transcript
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CEP43	NM_007045.4
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CHD9	NM_001308319.2
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CHEK2	NM_007194.4
CHIC2	NM_012110.4
CHMP2B	NM_014043.4
CHST11	NM_018413.6
CIC	NM_001386298.1
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CNOT2	NM_014515.7

Gene	MANE Transcript
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COLCA2	NM_001271458.2
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CREB3L1	NM_052854.4
CREB3L2	NM_194071.4
CREB3L3	NM_032607.3
CREBBP	NM_004380.3
CREM	NM_183011.2
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CSF1R	NM_001288705.3
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CTNNB1	NM_001904.4
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DDX20	NM_007204.5

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EIF4A2	NM_001967.4
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ESR1	NM_000125.4
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ETV1	NM_004956.5
ETV4	NM_001079675.5
ETV5	NM_004454.3
ETV6	NM_001987.5
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Gene	MANE Transcript
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FOXO1	NM_002015.4
FOXO4	NM_005938.4
FOXP1	NM_001349338.3
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FRYL	NM_015030.2
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Gene	MANE Transcript
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Gene	MANE Transcript
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Gene	MANE Transcript
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MAML3	NM_018717.5
MAMLD1	NM_005491.5
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MAPRE1	NM_012325.3
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MBTD1	NM_017643.3
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Gene	MANE Transcript
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MLLT10	NM_001195626.3
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MLLT6	NM_005937.4
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MXN1	NM_005515.4
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MRTFB	NM_001308142.2
MSH2	NM_000251.3
MSH6	NM_000179.3
MSI2	NM_138962.4
MSN	NM_002444.3
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MYC	NM_002467.6
MYCN	NM_005378.6
MYH11	NM_002474.3
MYH9	NM_002473.6
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MYO1F	NM_012335.4
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Gene	MANE Transcript
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NCOA3	NM_181659.3
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NEDD4	NM_006154.4
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NF2	NM_000268.4
NFATC1	NM_001278669.2
NFATC2	NM_012340.5
NFIB	NM_001190737.2
NGF	NM_002506.3
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NIN	NM_020921.4
NIPBL	NM_133433.4
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NOTCH2	NM_024408.4
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NR4A3	NM_006981.4
NR6A1	NM_033334.4
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NRG1	NM_013964.5
NSD1	NM_022455.5
NSD2	NM_001042424.3

Gene	MANE Transcript
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NTF4	NM_006179.5
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NTRK3	NM_002539.4
NUMA1	NM_006185.4
NUP107	NM_020401.4
NUP214	NM_005085.4
NUP98	NM_016320.5
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NUTM2B	NM_001278495.2
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OLR1	NM_002543.4
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PALB2	NM_024675.4
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PAX5	NM_016734.3
PAX7	NM_001135254.2
PAX8	NM_003466.4
PBX1	NM_002585.4
PBX3	NM_006195.6
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Gene	MANE Transcript
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PDGFD	NM_025208.5
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PDGFRB	NM_002609.4
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PIK3CA	NM_006218.4
PIM1	NM_002648.4
PLAG1	NM_002655.3
PLPP3	NM_003713.5
PML	NM_033238.3
PMS2	NM_000535.7
POLD1	NM_002691.4
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PPARG	NM_138711.6
PPARGC1A	NM_013261.5
PPFIBP1	NM_003622.4
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PRKAR1A	NM_002734.5

Gene	MANE Transcript
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PRKD2	NM_016457.5
PRKD3	NM_005813.6
PRKG2	NM_006259.3
PRRX1	NM_022716.4
PRRX2	NM_016307.4
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PSMD2	NM_002808.5
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PTEN	NM_000314.8
PTPRR	NM_002849.4
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RAD51C	NM_058216.3
RAD51D	NM_002878.4
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RAP1GDS1	NM_001100427.2
RARA	NM_000964.4
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RCSD1	NM_052862.4
RECQL4	NM_004260.4
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Gene	MANE Transcript
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RPN1	NM_002950.4
RREB1	NM_001003699.4
RRM1	NM_001033.5
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RTL9	NM_001385449.1
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SDHB	NM_003000.3
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SDHD	NM_003002.4
SEC31A	NM_001077207.4
SEPTIN2	NM_004404.5
SEPTIN5	NM_002688.6
SEPTIN6	NM_145799.4
SEPTIN9	NM_001113491.2
SERPINA7	NM_000354.6
SERPINE1	NM_000602.5
SERPINF1	NM_002615.7
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SETBP1	NM_015559.3
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SH3GL1	NM_003025.4
SIK3	NM_001366686.3
SLC34A2	NM_006424.3

Gene	MANE Transcript
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SMARCA4	NM_001128849.2
SMARCA5	NM_003601.4
SMARCB1	NM_003073.5
SORBS2	NM_001395207.1
SORT1	NM_002959.7
SP3	NM_003111.5
SPECC1	NM_001243439.2
SPECC1L	NM_015330.6
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SQSTM1	NM_003900.5
SRF	NM_003131.4
SRSF3	NM_003017.5
SS18	NM_001007559.3
SS18L1	NM_198935.3
SSBP2	NM_001256732.3
SSX1	NM_005635.4
SSX2	NM_175698.4
SSX4	NM_005636.4
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STAT6	NM_003153.5
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STRN	NM_003162.4
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SUZ12	NM_015355.4

Gene	MANE Transcript
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TACC3	NM_006342.3
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TAL2	NM_005421.3
TAOK1	NM_020791.4
TBX15	NM_001330677.2
TCF12	NM_207037.2
TCF3	NM_003200.5
TCL1A	NM_021966.3
TCTA	NM_022171.3
TEAD1	NM_021961.6
TEAD2	NM_001256660.2
TEAD3	NM_003214.4
TEAD4	NM_003213.4
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TFE3	NM_006521.6
TFEB	NM_001271944.2
TFG	NM_006070.6
TFPT	NM_013342.4
TFRC	NM_001128148.3
TGFBR3	NM_003243.5
THADA	NM_022065.5

Gene	MANE Transcript
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TLX3	NM_021025.4
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TOP2B	NM_001330700.2
TP53	NM_000546.6
TP53BP1	NM_001141980.3
TPM3	NM_152263.4
TPM4	NM_003290.3
TRAF7	NM_032271.3
TRHDE	NM_013381.3
TRIM24	NM_015905.3
TRIP11	NM_004239.4
TRPS1	NM_014112.5
TSC1	NM_000368.5
TSC2	NM_000548.5
USP16	NM_006447.3
USP42	NM_032172.3
USP6	NM_001304284.2
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VGLL2	NM_182645.3
VGLL3	NM_016206.4
WASF2	NM_006990.5
WDR18	NM_024100.4
WDR70	NM_018034.4
WSB1	NM_015626.10

Gene	MANE Transcript
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YTHDF2	NM_016258.3
YWHAE	NM_006761.5
ZBTB16	NM_006006.6
ZBTB7A	NM_015898.4

Gene	MANE Transcript
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ZC3H7B	NM_017590.6
ZFP64	NM_018197.3
ZFPM2	NM_012082.4
ZFTA	NM_001144936.2
ZFYVE19	NM_001077268.2
ZMIZ1	NM_020338.4
ZMYM2	NM_197968.4

Gene	MANE Transcript
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ZNF444	NM_018337.4
ZNF521	NM_015461.3
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