

ABL1	NM_005157	BRD4	NM_058243, NM_014299	CREBBP	NM_004380
ABL2	NM_005158	BRIP1	NM_032043	CRKL	NM_005207
ACTB	NM_001101	BRSK1	NM_032430	CRLF2	NM_022148
ACVR1B	NM_020328	BTG2	NM_006763	CSF1R*	NM_005211
ADGRA2 (GPR124)	NM_032777	BTK	NM_000061	CSF3R	NM_156039
AKT1*	NM_005163	BTLA	NM_181780	CTCF	NM_006565
AKT2*	NM_001626	CAD	NM_004341	CTNNA1	NM_001903
AKT3*	NM_005465	CALR	NM_004343	CTNNB1	NM_001904
ALK	NM_004304	CARD11	NM_032415	CUX1	NM_001913
APC	NM_000038	CBFB	NM_022845, NM_001755	CXCR4	NM_001008540
APH1A	NM_001077628, NM_016022	CBL	NM_005188	CYLD	NM_015247
AR*	NM_000044	CBLB	NM_170662	DAXX	NM_001141970
ARAF	NM_001256196	CCN6 (WISP3)	NM_198239.2	DDR2	NM_006182
ARFRP1	NM_001267548	CCND1*	NM_053056	DDX3X	NM_001356
ARHGAP26	NM_015071	CCND2*	NM_001759	DDX41	NM_016222
ARID1A	NM_006015	CCND3*	NM_001760	DEK	NM_003472
ARID1B	NM_001374820	CCNE1*	NM_001238	DICER1	NM_177438
ARID2	NM_152641	CCT6B	NM_006584	DNM2	NM_001005360
ASMTL	NM_004192	CD22	NM_001771	DNMT3A	NM_022552
ASXL1	NM_015338	CD274*	NM_014143	DOT1L	NM_032482
ATM*	NM_000051	CD36	NM_000072	DTX1	NM_004416
ATR	NM_001184	CD58	NM_001779	DUSP2	NM_004418
ATRX	NM_000489	CD70	NM_001252	DUSP9	NM_001395
AURKA*	NM_198433	CD79A	NM_001783	EBF1	NM_024007
AURKB	NM_004217	CD79B	NM_000626	ECT2L	NM_001077706
AXIN1	NM_003502	CDC73	NM_024529	EED	NM_003797
AXL	NM_021913	CDH1	NM_004360	EGFR*	NM_005228
B2M	NM_004048	CDK12*	NM_016507	ELOC	NM_005648
BAP1*	NM_004656	CDK4*	NM_000075	ELP2	NM_018255
BARD1*	NM_000465	CDK6*	NM_001259	EML4	NM_019063
BCL10	NM_003921	CDK8	NM_001260	EP300	NM_001429
BCL11B	NM_138576	CDKN1B	NM_004064	EPHA3	NM_005233
BCL2	NM_000633	CDKN2A*	NM_000077	EPHA5	NM_004439
BCL2L1	NM_138578	CDKN2B*	NM_004936	EPHA7	NM_004440
BCL2L2	NM_004050	CDKN2C	NM_001262	EPHB1	NM_004441
BCL6	NM_001706	CEBPA	NM_004364	ERBB2*	NM_004448
BCL7A	NM_020993	CHD1	NM_001270	ERBB3	NM_001982
BCOR	NM_017745	CHD2	NM_001271	ERBB4	NM_005235
BCORL1	NM_021946	CHEK1	NM_001274	ERG	NM_001136154, NM_182918
BCR	NM_004327	CHEK2	NM_007194	ESR1*	NM_000125
BIRC3	NM_001165	CIC	NM_015125	ETS1	NM_001143820, NM_001162422
BLM	NM_000057	CIITA	NM_000246	ETV6	NM_001987
BRAF*	NM_004333	CILK1 (ICK)	NM_014920	EXOSC6	NM_058219
BRCA1*	NM_007294	CKS1B	NM_001826	EZH2	NM_004456
BRCA2*	NM_000059	CPS1	NM_001875	FAF1	NM_007051

*CNV reportable gene

FANCA	NM_000135	GRIN2A	NM_000833	KAT6A	NM_006766
FANCC	NM_000136	GSK3B	NM_002093	KDM2B	NM_032590
FANCD2	NM_033084	GTSE1	NM_016426	KDM4C	NM_015061
FANCE	NM_021922	HDAC1	NM_004964	KDM5A	NM_001042603
FANCF	NM_022725	HDAC4	NM_006037	KDM5C	NM_004187
FANCG	NM_004629	HDAC7	NM_015401	KDM6A	NM_021140
FANCL	NM_018062	HGF	NM_000601	KDR*	NM_002253
FAS	NM_000043	H1-2 (HIST1H1C)	NM_005319	KEAP1	NM_012289
FBXO11	NM_001190274	H1-3 (HIST1H1D)	NM_005320	KIT*	NM_000222
FBXO31	NM_024735	H1-4 (HIST1H1E)	NM_005321	KLF4	NM_004235
FBXW7	NM_033632	H2AC6 (HIST1H2AC)	NM_003512	KLHL6	NM_130446
FGF10	NM_004465	H2AC11 (HIST1H2AG)	NM_021064	KMT2A	NM_001197104
FGF14	NM_175929	H2AC16 (HIST1H2AL)	NM_003511	KMT2B	NM_014727
FGF19	NM_005117	H2AC17 (HIST1H2AM)	NM_003514	KMT2D	NM_003482
FGF23	NM_020638	H2BC4 (HIST1H2BC)	NM_003526	KRAS*	NM_004985
FGF3	NM_005247	H2BC11 (HIST1H2BJ)	NM_021058	LEF1	NM_016269
FGF4	NM_002007	H2BC12 (HIST1H2BK)	NM_080593	LMO1	NM_002315
FGF6	NM_020996	H2BC17 (HIST1H2BO)	NM_003527	LRP1B	NM_018557
FGFR1*	NM_001174067	H3-3A (H3F3A)	NM_002107	LRRK2	NM_198578
FGFR2*	NM_000141	H3C2 (HIST1H3B)	NM_003537	MAF	NM_005360
FGFR3*	NM_000142	HNF1A	NM_000545	MAFB	NM_005461
FGFR4	NM_002011	HRAS*	NM_005343	MAGED1	NM_001005333
FH	NM_000143	HSP90AA1	NM_001017963	MALT1	NM_006785
FHIT	NM_002012	ID3	NM_002167	MAP2K1	NM_002755
FLCN	NM_144997	IDH1	NM_005896	MAP2K2	NM_030662
FLT1*	NM_002019	IDH2	NM_002168	MAP2K4	NM_003010
FLT3*	NM_004119	IGF1R	NM_000875	MAP3K1	NM_005921
FLT4*	NM_002020	IGF2	NM_001007139	MAP3K14	NM_003954
FLYWCH1	NM_032296	IKBKE	NM_014002	MAP3K6	NM_004672
FOXL2	NM_023067	IKZF1	NM_006060	MAP3K7	NM_145331
FOXO1	NM_002015	IKZF2	NM_016260	MAPK1	NM_002745
FOXO3	NM_001455	IKZF3	NM_012481	MCL1	NM_021960
FOXP1	NM_032682	IL7R	NM_002185	MDM2*	NM_002392
FRS2	NM_006654	INHBA	NM_002192	MDM4	NM_002393
FUBP1	NM_003902	INPP4B	NM_003866	MED12	NM_005120
GADD45B	NM_015675	INPP5D	NM_001017915	MEF2B	NM_001145785
GATA1	NM_002049	IRF1	NM_002198	MEF2C	NM_002397
GATA2	NM_032638	IRF4	NM_002460	MEN1	NM_130799
GATA3	NM_002051	IRF8	NM_002163	MET*	NM_001127500
GID4	NM_024052	IRS2	NM_003749	MIB1	NM_020774
GNA11	NM_002067	JAK1	NM_002227	MITF	NM_000248
GNA12	NM_007353	JAK2	NM_004972	MKI67	NM_002417
GNA13	NM_006572	JAK3	NM_000215	MLH1*	NM_000249
GNAQ	NM_002072	JARID2	NM_004973	MPL	NM_005373
GNAS	NM_000516	JUN	NM_002228	MRE11	NM_005591

MSH2*	NM_000251	PDCD1LG2*	NM_025239	RICTOR*	NM_152756
MSH3	NM_002439	PDGFRA*	NM_006206	RNF43	NM_017763
MSH6*	NM_000179	PDGFRB*	NM_002609	ROS1	NM_002944
MTAP	NM_002451.4	PKD1	NM_002610	RPL22	NM_000983
MTOR	NM_004958	PHF6	NM_032458	RPTOR	NM_020761
MUTYH	NM_012222	PIGA	NM_002641	RUNX1	NM_001754, NM_001001890
MYC*	NM_002467	PIK3C2B	NM_002646	RUNX1T1	NM_175634
MYCL (MYCL1)*	NM_001033082	PIK3CA*	NM_006218	S1PR2	NM_004230
MYCN*	NM_005378	PIK3CB	NM_006219	SAMD9	NM_017654
MYD88	NM_002468	PIK3CG	NM_002649	SAMD9L	NM_152703
MYO18A	NM_078471	PIK3R1	NM_181523	SDHA	NM_004168
MYOD1	NM_002478	PIK3R2	NM_005027	SDHB	NM_003000
NCOR2	NM_006312	PIM1	NM_001243186, NM_002648	SDHC	NM_003001
NCSTN	NM_015331	PLCG2	NM_002661	SDHD	NM_003002
NF1*	NM_000267	PML	NM_033238	SERP2	NM_001010897
NF2	NM_000268	PMS2*	NM_000535	SETBP1	NM_015559
NFE2	NM_006163	POLD1	NM_002691	SETD2	NM_014159
NFE2L2	NM_006164	POLE	NM_006231	SF3B1	NM_012433
NFKBIA	NM_020529	POT1	NM_015450	SGK1	NM_005627
NKX2-1	NM_003317	PPM1D	NM_003620	SMAD2	NM_005901
NLRP1	NM_033004	PPP2R1A	NM_014225	SMAD4	NM_005359
NOD1	NM_006092	PRDM1	NM_001198	SMARCA1	NM_003069
NOTCH1	NM_017617	PRKAR1A	NM_212471	SMARCA4	NM_001128849
NOTCH2	NM_024408	PRKDC	NM_006904	SMARCB1	NM_003073
NPM1	NM_002520	PRSS8	NM_002773	SMC1A	NM_006306
NRAS*	NM_002524	PTCH1*	NM_000264	SMC3	NM_005445
NSD1	NM_022455	PTEN*	NM_000314	SMO	NM_005631
NSD2 (WHSC1)	NM_133335	PTPN11	NM_002834	SOCS1	NM_003745
NT5C2	NM_012229	PTPN2	NM_002828	SOCS2	NM_003877
NTRK1*	NM_001007792, NM_002529	PTPN6	NM_080549	SOCS3	NM_003955
NTRK2*	NM_006180	PTPRO	NM_030667	SOX10	NM_006941
NTRK3*	NM_001007156	RAD21	NM_006265	SOX2	NM_003106
NUP93	NM_014669	RAD50	NM_005732	SOX9	NM_000346
NUP98	NM_016320	RAD51	NM_002875	SPEN	NM_015001
P2RY8	NM_178129	RAD51C	NM_058216	SPOP	NM_003563
PAG1	NM_018440	RAD51D	NM_002878.3; NM_001142571	SRC	NM_005417
PAK3	NM_001128168	RAF1*	NM_002880	SRSF2	NM_003016
PALB2*	NM_024675	RARA	NM_000964	STAG2	NM_006603
PASK	NM_015148	RASGEF1A	NM_145313	STAT3	NM_139276
PAX5	NM_016734	RB1*	NM_000321	STAT4	NM_003151
PBRM1	NM_018313	RECQL4	NM_004260	STAT5A	NM_003152
PC	NM_000920	RELN	NM_005045	STAT5B	NM_012448
PCBP1	NM_006196	RET*	NM_020975	STAT6	NM_003153
PCLO	NM_033026	RHOA	NM_001664	STK11	NM_000455
PDCD11	NM_014976	RHOH	NM_004310	SUFU	NM_016169

SUZ12	NM_015355
SYK	NM_003177
SYNE1	NM_182961
TAF1	NM_004606
TBL1XR1	NM_024665
TCF3	NM_003200
TCL1A	NM_021966
TENT5C (FAM46C)	NM_017709
TERT promoter	NM_198253
TET2	NM_001127208
TGFBR2	NM_001024847
TLL2	NM_012465
TMEM30A	NM_018247
TNFAIP3	NM_001270507
TNFRSF11A	NM_003839
TNFRSF14	NM_003820
TNFRSF17	NM_001192
TOP1	NM_003286
TP53*	NM_000546
TP63	NM_001114980
TRAF2	NM_021138
TRAF3	NM_003300
TRAF5	NM_004619
TRAF7	NM_032271
TSC1*	NM_000368
TSC2*	NM_000548
TSHR	NM_000369
TUSC3	NM_006765
TYK2	NM_003331
U2AF1	NM_006758
U2AF2	NM_007279
UBA1	NM_003334
VHL*	NM_000551
WDR90	NM_145294
WT1	NM_024426
XBP1	NM_001079539, NM_005080
XPO1	NM_003400
YY1AP1	NM_139118
ZMYM3	NM_201599
ZNF217	NM_006526
ZNF24	NM_006965
ZNF703	NM_025069
ZRSR2	NM_005089

*CNV reportable gene