

OmniSeq INSIGHT[®] ctDNA gene list

OmniSeq INSIGHT ctDNA is a comprehensive genomic profiling service that uses next-generation sequencing (NGS) to sequence the full exonic coding regions of 523 genes to detect small variants and copy number alterations. It includes calculation of microsatellite instability (MSI) and blood-based tumor mutational burden (bTMB) genomic signatures.

ABL1	BMPR1A	CSF1R	ERCC5	FLI1	HIST1H3I	KDR	MRE11A	PAX3	PTCH1	SDHD	TCF7L2
ABL2	BRAF	CSF3R	ERG	FLT1	HIST1H3J	KEAP1	MSH2	PAX5	PTEN	SETBP1	TERC
ACVR1	BRCA1	CSNK1A1	ERRF1	FLT3	HIST2H3A	KEL	MSH3	PAX7	PTPN11	SETD2	TERT
ACVR1B	BRCA2	CTCF	ESR1	FLT4	HIST2H3C	KIF5B	MSH6	PAX8	PTPRD	SF3B1	TET1
AKT1	BRD4	CTLA4	ETS1	FOXA1	HIST2H3D	KIT	MST1	PBRM1	PTPRS	SH2B3	TET2
AKT2	BRIP1	CTNNA1	ETV1	FOXL2	HIST3H3	KLF4	MST1R	PDCD1	PTPRT	SH2D1A	TFE3
AKT3	BTG1	CTNNB1	ETV4	FOXO1	HLA-A	KLHL6	MTOR	PDCD1LG2	QKI	SHQ1	TFRC
ALK	BTK	CUL3	ETV5	FOXP1	HLA-B	KMT2B	MUTYH	PDGFRA	RAB35	SLIT2	TGFBR1
ALOX12B	C11orf30	CUX1	ETV6	FRS2	HLA-C	KMT2C	MYB	PDGFRB	RAC1	SLX4	TGFBR2
ANKRD11	CALR	CXCR4	EWSR1	FUBP1	HNF1A	KMT2D	MYC	PDK1	RAD21	SMAD2	TMEM127
ANKRD26	CARD11	CYLD	EZH2	FYN	HNRNPK	KRAS	MYCL	PDPK1	RAD50	SMAD3	TMPRSS2
APC	CASP8	DAXX	FAM123B	GABRA6	HOXB13	LAMP1	MYCN	PGR	RAD51	SMAD4	TNFAIP3
AR	CBFB	DCUN1D1	FAM175A	GATA1	HRAS	LATS1	MYD88	PHF6	RAD51B	SMARCA4	TNFRSF14
ARAF	CBL	DDR2	FAM46C	GATA2	HSD3B1	LATS2	MYOD1	PHOX2B	RAD51C	SMARCB1	TOP1
ARFRP1	CCND1	DDX41	FANCA	GATA3	HSP90AA1	LMO1	NAB2	PIK3C2B	RAD51D	SMARCD1	TOP2A
ARID1A	CCND2	DHX15	FANCC	GATA4	ICOSLG	LRP1B	NBN	PIK3C2G	RAD52	SMC1A	TP53
ARID1B	CCND3	DICER1	FANCD2	GATA6	ID3	LYN	NCOA3	PIK3C3	RAD54L	SMC3	TP63
ARID2	CCNE1	DIS3	FANCE	GEN1	IDH1	LZTR1	NCOR1	PIK3CA	RAF1	SMO	TRAF2
ARID5B	CD274	DNAJB1	FANCF	GID4	IDH2	MAGI2	NEGR1	PIK3CB	RANBP2	SNCAIP	TRAF7
ASXL1	CD276	DNMT1	FANCG	GLI1	IFNGR1	MALT1	NF1	PIK3CD	RARA	SOCS1	TSC1
ASXL2	CD74	DNMT3A	FANCI	GNA11	IGF1	MAP2K1	NF2	PIK3CG	RASA1	SOX10	TSC2
ATM	CD79A	DNMT3B	FANCL	GNA13	IGF1R	MAP2K2	NFE2L2	PIK3R1	RB1	SOX17	TSHR
ATR	CD79B	DOT1L	FAS	GNAQ	IGF2	MAP2K4	NFKBIA	PIK3R2	RBM10	SOX2	U2AF1
ATRX	CDC73	E2F3	FAT1	GNAS	IKBKE	MAP3K1	NKX2-1	PIK3R3	RECQL4	SOX9	VEGFA
AURKA	CDH1	EED	FBXW7	GPR124	IKZF1	MAP3K13	NKX3-1	PIM1	REL	SPEN	VHL
AURKB	CDK12	EGFL7	FGF1	GPS2	IL10	MAP3K14	NOTCH1	PLCG2	RET	SPOP	VTCN1
AXIN1	CDK4	EGFR	FGF10	GREM1	IL7R	MAP3K4	NOTCH2	PLK2	RFWD2	SPTA1	WISP3
AXIN2	CDK6	EIF1AX	FGF14	GRIN2A	INHBA	MAPK1	NOTCH3	PMAIP1	RHEB	SRC	WT1
AXL	CDK8	EIF4A2	FGF19	GRM3	INHBA	MAPK3	NOTCH4	PMS1	RHOA	SRSF2	XIAP
B2M	CDKN1A	EIF4E	FGF2	GSK3B	INPP4A	MAX	NPM1	PMS2	RICTOR	STAG1	XPO1
BAP1	CDKN1B	EML4	FGF23	H3F3A	INPP4B	MCL1	NRAS	PNRC1	RIT1	STAG2	XRCC2
BARD1	CDKN2A	EP300	FGF3	H3F3B	INSR	MDC1	NRG1	POLD1	RNF43	STAT3	YAP1
BBC3	CDKN2B	EPCAM	FGF4	H3F3C	IRF2	MDM2	NSD1	POLE	ROS1	STAT4	YES1
BCL10	CDKN2C	EPHA3	FGF5	HGF	IRF4	MDM4	NTRK1	PPARG	RPS6KA4	STAT5A	ZBTB2
BCL2	CEBPA	EPHA5	FGF6	HIST1H1C	IRS1	MED12	NTRK2	PPM1D	RPS6KB1	STAT5B	ZBTB7A
BCL2L1	CENPA	EPHA7	FGF7	HIST1H2BD	IRS2	MEF2B	NTRK3	PPP2R1A	RPS6KB2	STK11	ZFHX3
BCL2L11	CHD2	EPHB1	FGF8	HIST1H3A	JAK1	MEN1	NUP93	PPP2R2A	RPTOR	STK40	ZNF217
BCL2L2	CHD4	ERBB2	FGF9	HIST1H3B	JAK2	MET	NUTM1	PPP6C	RUNX1	SUFU	ZNF703
BCL6	CHEK1	ERBB3	FGFR1	HIST1H3C	JAK3	MGA	PAK1	PRDM1	RUNX1T1	SUZ12	ZRSR2
BCOR	CHEK2	ERBB4	FGFR2	HIST1H3D	JUN	MITF	PAK3	PREX2	RYBP	SYK	
BCORL1	CIC	ERCC1	FGFR3	HIST1H3E	KAT6A	MLH1	PAK7	PRKAR1A	SDHA	TAF1	
BCR	CREBBP	ERCC2	FGFR4	HIST1H3F	KDM5A	MLL	PALB2	PRKCI	SDHAF2	TBX3	
BIRC3	CRKL	ERCC3	FH	HIST1H3G	KDM5C	MLLT3	PARK2	PRKDC	SDHB	TCEB1	
BLM	CRLF2	ERCC4	FLCN	HIST1H3H	KDM6A	MPL	PARP1	PRSS8	SDHC	TCF3	