



Oncomine™ Tumor Mutation Load Gene List

409 Gene list

ABL1	BCR	CKS1B	ERBB4	FOXO3	ING4	MAP3K7	NCOA1	PGAP3	RECQL4	SUFU	USP9X
ABL2	BIRC2	CMPK1	ERCC1	FOXP1	IRF4	MAPK1	NCOA2	PHOX2B	REL	SYK	VHL
ACVR2A	BIRC3	COL1A1	ERCC2	FOXP4	IRS2	MAPK8	NCOA4	PIK3C2B	RET	SYNE1	WAS
ADAMTS20	BIRC5	CRBN	ERCC3	FZR1	ITGA10	MARK1	NF1	PIK3CA	RHOH	TAF1	WHSC1
AFF1	BLM	CREB1	ERCC4	G6PD	ITGA9	MARK4	NF2	PIK3CB	RNASEL	TAF1L	WRN
AFF3	BLNK	CREBBP	ERCC5	GATA1	ITGB2	MBD1	NFE2L2	PIK3CD	RNF2	TAL1	WT1
AKAP9	BMPR1A	CRKL	ERG	GATA2	ITGB3	MCL1	NFKB1	PIK3CG	RNF213	TBX22	XPA
AKT1	BRAF	CRTC1	ESR1	GATA3	JAK1	MDM2	NFKB2	PIK3R1	ROS1	TCF12	XPC
AKT2	BRD3	CSF1R	ETS1	GDNF	JAK2	MDM4	NIN	PIK3R2	RPS6KA2	TCF3	XPO1
AKT3	BTB	CSMD3	ETV1	GNA11	JAK3	MEN1	NKX2-1	PIM1	RRM1	TCF7L1	XRCC2
ALK	BUB1B	CTNNA1	ETV4	GNAQ	KAT6A	MET	NLRP1	PKHD1	RUNX1	TCF7L2	ZNF384
APC	CARD11	CTNNB1	EXT1	GNAS	KAT6B	MITF	NOTCH1	PLAG1	RUNX1T1	TCL1A	ZNF521
AR	CASC5	CYLD	EXT2	GPR124	KDM5C	MLH1	NOTCH2	PLCG1	SAMD9	TET1	JUN
ARID1A	CBL	CYP2C19	EZH2	GRM8	KDM6A	MLL	NOTCH4	PLEKHG5	SBDS	TET2	
ARID2	CCND1	CYP2D6	FAM123B	GUCY1A2	KDR	MLL2	NPM1	PML	SDHA	TFE3	
ARNT	CCND2	DAXX	FANCA	HCAR1	KEAP1	MLL3	NRAS	PMS1	SDHB	TGFBR2	
ASXL1	CCNE1	DCC	FANCC	HIF1A	KIT	MLLT10	NSD1	PMS2	SDHC	TGM7	
ATF1	CD79A	DDB2	FANCD2	HLF	KLF6	MMP2	NTRK1	POT1	SDHD	THBS1	
ATM	CD79B	DDIT3	FANCF	HNF1A	KRAS	MN1	NTRK3	POU5F1	SEPT9	TIMP3	
ATR	CDC73	DDR2	FANCG	HOOK3	LAMP1	MPL	NUMA1	PPARG	SETD2	TLR4	
ATRX	CDH1	DEK	FANCI	HRAS	LCK	MRE11A	NUP214	PPP2R1A	SF3B1	TLX1	
AURKA	CDH11	DICER1	FAS	HSP90AA1	LIFR	MSH2	NUP98	PRDM1	SGK1	TNFAIP3	
AURKB	CDH2	DNMT3A	FBXW7	HSP90AB1	LPHN3	MSH6	PAK3	PRKAR1A	SH2D1A	TNFRSF14	
AURKC	CDH20	DPYD	FGFR1	ICK	LPP	MTOR	PALB2	PRKDC	SMAD2	TNK2	
AXL	CDH5	DST	FGFR2	IDH1	LRP1B	MTR	PARP1	PSIP1	SMAD4	TOP1	
BAI3	CDK12	EGFR	FGFR3	IDH2	LTF	MTRR	PAX3	PTCH1	SMARCA4	TP53	
BAP1	CDK4	EML4	FGFR4	IGF1R	LTK	MUC1	PAX5	PTEN	SMARCB1	TPR	
BCL10	CDK6	EP300	FH	IGF2	MAF	MUTYH	PAX7	PTGS2	SMO	TRIM24	
BCL11A	CDK8	EP400	FLCN	IGF2R	MAFB	MYB	PAX8	PTPN11	SMUG1	TRIM33	
BCL11B	CDKN2A	EPHA3	FLI1	IKBKB	MAGEA1	MYC	PBRM1	PTPRD	SOCS1	TRIP11	
BCL2	CDKN2B	EPHA7	FLT1	IKBKE	MAGI1	MYCL1	PBX1	PTPRT	SOX11	TRRAP	
BCL2L1	CDKN2C	EPHB1	FLT3	IKZF1	MALT1	MYCN	PDE4DIP	RAD50	SOX2	TSC1	
BCL2L2	CEBPA	EPHB4	FLT4	IL2	MAML2	MYD88	PDGFB	RAF1	SRC	TSC2	
BCL3	CHEK1	EPHB6	FN1	IL21R	MAP2K1	MYH11	PDGFRA	RALGDS	SSX1	TSHR	
BCL6	CHEK2	ERBB2	FOXL2	IL6ST	MAP2K2	MYH9	PDGFRB	RARA	STK11	UBR5	
BCL9	CIC	ERBB3	FOXO1	IL7R	MAP2K4	NBN	PER1	RB1	STK36	UGT1A1	

Contact us to learn how Biodesix can support your program: bizdev@biodesix.com

About Biodesix

Biodesix is a lung cancer diagnostic solutions company addressing the continuum of patient care from early diagnosis of lung nodules through late stage cancer. The company develops diagnostic tests addressing important clinical questions by combining simple blood draws and multi-omics with the power of artificial intelligence. Biodesix is the first company to offer three best-in class tests for patients with lung cancer, and multiple pipeline tests including one with the potential to identify patients who may benefit from immunotherapies. The Biodesix Lung Reflex® strategy integrates the GeneStrat® and VeriStrat® tests to support treatment decisions with results in 72 hours. The Nodify XL2™ and EarlyCDT Lung® nodule tests, evaluate the risk of malignancy, enabling physicians to triage patients to the most appropriate course of action. Biodesix also partners with the world's leading biotechnology and pharmaceutical companies to solve complex diagnostic challenges. For more information about Biodesix, please visit www.biodesix.com.