

Aventa Lymphoma Gene List

The Aventa Lymphoma test detects gene fusions and rearrangements in lymphomas from FFPE tumor tissue, revealing actionable insights missed by conventional FISH and sequencing techniques. The test is not susceptible to any of the technical limitations of conventional FISH and sequencing, resulting in better patient management.

The test is partner-agnostic and identifies the partner gene, whether or not it is on the gene list (e.g., MYC-IRAG2, SQSTM1-ALK where IRAG2 and SQSTM1 will be detected as the partners for these gene fusions, MYC and ALK, are on the panel).

ABI1	BCL3	CD79B	CSF1R	EPOR	FUS	IGK	LPP	MYD88	NUP98	PML	RB1	SSX1	TNFRSF13B
ABL1	BCL6	CD96	CSF2RA	EPS15	FUT8	IGL	LYL1	MYH11	NUTM1	POU2AF1	RBM15	SSX2	TNFRSF14
ABL2	BCL7A	CDC25A	CTLA4	ERBB2	GAS7	IKZF1	LYN	MYH9	NUTM2A	PPAT	REL	SSX4	TNFSF4
ACSL6	BCL9	CDK5RAP2	CTNNB1	ERG	GATA1	IL16	LZTS1	MYO18A	OMD	PPP1CB	RET	STAT3	TNKS2
AFAP1L1	BCOR	CDK6	CXCR4	ETS1	GATA2	IL21R	MAF	NACA	P2RY8	PRDM1	RFTN1	STAT5B	TOP1
AFDN	BCR	CDKN2A	CYB5R2	ETV1	GLI1	IL3	MAFB	NBEAP1	PABPC4	PRDM16	RHOA	STAT6	TP53
AFF1	BIRC3	CDKN2B	DDIT3	ETV3	GLIS2	IL3RA	MAL	NCOA2	PACSIN2	PRKAR2B	RHOH	STIL	TP63
AFF4	BLNK	CDKN2C	DDX10	ETV4	GMPS	IRAG2	MALT1	NDRG1	PAFAH1B2	PRKCA	RNF11	STRBP	TPM3
AICDA	BMF	CDX2	DDX6	ETV5	GPHN	IRF4	MAML3	NEK6	PAICS	PRKCB	RNF213	STRN	TPM4
AKT3	BMP7	CEBPD	DEK	ETV6	H4C13	IRF8	MDS2	NF1	PAX3	PRKCD	RNF217-AS1	SYK	TRA
ALK	BRAF	CEBPE	DENND3	EWSR1	HERPUD1	ITK	MECOM	NF2	PAX5	PRRX1	ROS1	TAF15	TRAF1
ARHGAP26	BRCA1	CEBPG	DLEU1	EXOC2	HEY1	ITPKB	MEF2B	NFKB1	PAX7	PSIP1	RPL22	TAL1	TRAF2
ARHGEF12	BRCA2	CEP43	DLEU2	EZH2	HIP1	JAK1	MEF2D	NFKB2	PBX1	PTCH1	RPN1	TAL2	TRB
ARID1A	BTG1	CHIC2	DLEU7	FAM216A	HLF	JAK2	MIGA1	NFKBIE	PCLAF	PTEN	RUNX1	TARBP1	TRD
ARNT	BTK	CHN1	DNMT3A	FBXW7	HMGA1	JAK3	MLF1	NIN	PCM1	PTK2B	RUNX1T1	TBL1XR1	TRG
ASB13	CAMTA1	CIC	DNMT3B	FCGR2B	HMGA2	JAZF1	MLLT1	NME1	PCSK7	PTK7	RUNX2	TCF3	TRIM24
ASXL1	CARD11	CIITA	DNTT	FCRL4	HOXA11	KAT6A	MLLT10	NOTCH1	PDCD1	PTPN1	S1PR2	TCL1A	TRIP11
ATF1	CARS1	CKS1B	DUSP22	FEV	HOXA13	KDSR	MLLT3	NOTCH2	PDCD1LG2	PTPRD	SART3	TCL1B	TTL
ATG5	CBFA2T3	CLIP3	DUX4	FGFR1	HOXA3	KIF5B	MLLT6	NPM1	PDE4DIP	PYCR1	SEC31A	TEC	TYK2
ATIC	CBFB	CLP1	E2F2	FGFR2	HOXA9	KLF2	MME	NR4A3	PDGFB	RAB29	SERPINA9	TET1	USP6
ATM	CBL	CLTC	EBF1	FGFR3	HOXC11	KMT2A	MN1	NRAS	PDGFRA	RABEP1	SET	TET2	WT1
B2M	CCDC50	CLTCL1	EGFR	FIP1L1	HOXC13	KMT2D	MNX1	NRG1	PDGFRB	RAD51B	SF3B1	TFE3	XPO1
BARD1	CCND1	CNTRL	EIF4A1	FLI1	HOXD11	KRAS	MRTFA	NSD1	PER1	RAF1	SH3BP5	TFG	YPEL5
BATF3	CCND2	COL1A1	EIF4A2	FLT3	HOXD13	LAIR1	MSI2	NSD2	PHF1	RAG1	SH3GL1	TFPT	ZBTB16
BAX	CCND3	CPSF6	ELF4	FNBP1	HSP90AA1	LASP1	MSN	NSD3	PICALM	RAG2	SLC1A2	TFRC	ZMYM2
BCL10	CCP110	CREB3L1	ELL	FOXO1	HSP90AB1	LCP1	MTCP1	NTRK1	PIM1	RALGDS	SNX29	TLX1	ZNF384
BCL11A	CD274	CREB3L2	ELN	FOXO3	ID3	LIMD1	MUC1	NTRK2	PIM2	RANBP1	SOCS1	TLX3	ZNF501
BCL11B	CD28	CREBBP	EML4	FOXO4	IDH1	LMNA	MYB	NTRK3	PLAG1	RANBP2	SRSF3	TMPRSS2	
BCL2	CD44	CRLF2	ENTPD1	FOXP1	IDH2	LMO1	MYBL1	NUMA1	PLCG1	RAP1GDS1	SS18	TNFAIP3	
BCL2A1	CD79A	CSF1	EP300	FSTL3	IGH	LMO2	MYC	NUP214	PLCG2	RARA	SSBP2	TNFRSF11A	