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DATA SHEET

Tapestri Single-cell DNA Chronic Lymphocytic Leukemia Published Panel

Designed by: Omar Abdel-Wahab's Lab
Institution: Memorial Sloan Kettering Cancer Center
Publication: Wang, E. et al. *The New England Journal of Medicine* (2022)

Designed by leading researchers in hematology-oncology, Tapestri Single-cell DNA Published Panels are featured in a peer-reviewed publication and have been verified for performance. Advance your understanding of the genetic heterogeneity underpinning chronic lymphocytic leukemia (CLL) by targeting 35 genes with 273 amplicons for single-cell sequencing. The CLL Published Panel is designed to target the most commonly mutated hotspots in CLL.

PANEL SPECIFICATIONS

Metric	Value
Number of genes	35
Target type possible	SNVs, CNVs, Indels, and LOH
Number of amplicons	273
Amplicon length	175-275 bp
Panel uniformity: % of amplicons >0.2x mean	≥ 80%
Amplicon completeness: % of amplicons in >80% of cells	≥ 80%
Cell completeness: % of cells with >80% amplicons above 10 reads	≥ 80%
Recommended number of reads per sample	~115M

35-GENE CHRONIC LYMPHOCYTIC LEUKEMIA PUBLISHED PANEL

ATM	BTK	CHEK2	EGR2	KRAS	MYD88	PALB2	SETD2	U2AF1
BCOR	CARD11	CREBBP	EZH2	LRP1B	NFKBIE	PLCG2	SF3B1	XPO1
BIRC3	CD79B	CXCR4	FAT1	MAP2K1	NOTCH1	POT1	SPEN	ZMYM3
BRAF	CHD2	DDX3X	FBXW7	MED12	NRAS	RPS15	TP53	-

LEARN MORE

designer.missionbio.com/catalogpanels/CLL-MSKCC

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