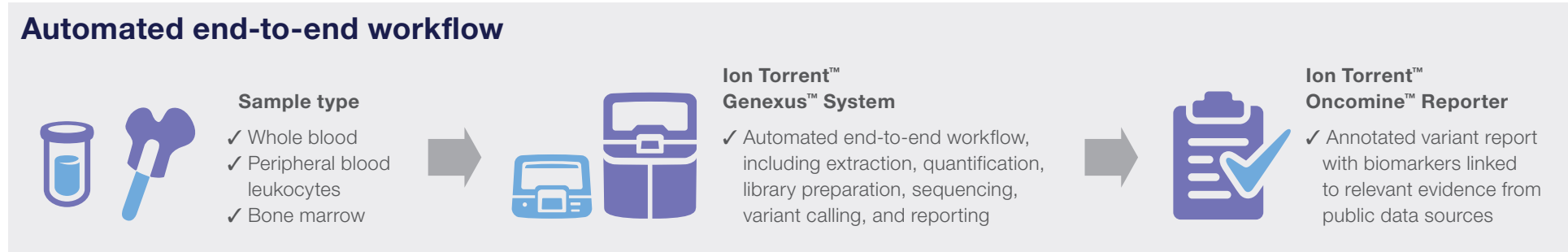
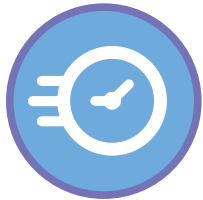


Oncomine Myeloid Assay GX v2

More rapid. More automated. More complete myeloid genomic profiling.



Key features include:



Rapid turnaround
Results in about **1 day** to help provide answers fast



Comprehensive panel of biomarkers
DNA mutations and RNA fusion transcripts with one assay

Highly automated
Approximately 20 minutes of hands-on time; minimal user intervention

Integrated reporting
Fully annotated variant report

Ability to detect a range of targets
SNVs, indels, tandem duplications, fusions

Flexible batching
Sequence 1–8 samples at once

Simultaneously study DNA mutations and RNA fusion transcripts covering all major myeloid disorders: AML, MPN, MDS, CMML, and JMML

DNA				RNA				
Hotspot genes (28)		Full genes (17)		Fusion driver genes (35)			Expression genes (5)	Expression control genes (5)
ANKRD26	IDH1	PPM1D	ASXL1	ABL1	HMGA2	NUP98	BAALC	EIF2B1
ABL1	IDH2	PTPN11	BCOR	ABL2	JAK2	NUP214	MECOM	FBXW2
BRAF	JAK2	SMC1A	CALR	BCL2	KAT6A (MOZ)	PAX5	MYC	PSMB2
CBL	KIT	SMC3	CALR	BRAF	KAT6B	PDGFRA	SMC1A	PUM1
CSF3R	KRAS	SETBP1	CEBPA	CCND1	KMT2A	PDGFRB	WT1	TRIM27
DDX41	MPL	SF3B1	ETV6	CREBBP	KMT2A PTDs	RARA		
DNMT3A	MYD88	SRSF2	ETV6	EGFR	MET	RUNX1		
FLT3 (ITD, TKD)	NPM1	U2AF1	TET2	ETV6	MLL10	TCF3		
GATA2	NRAS	WT1	TET2	FGFR1	MRTFA (MKL1)	TFE3		
HRAS			TP53	FGFR2	MYBL1	ZNF384		
			ZRSR2	FUS	MYH11			
					NTRK2			
					NTRK3			

