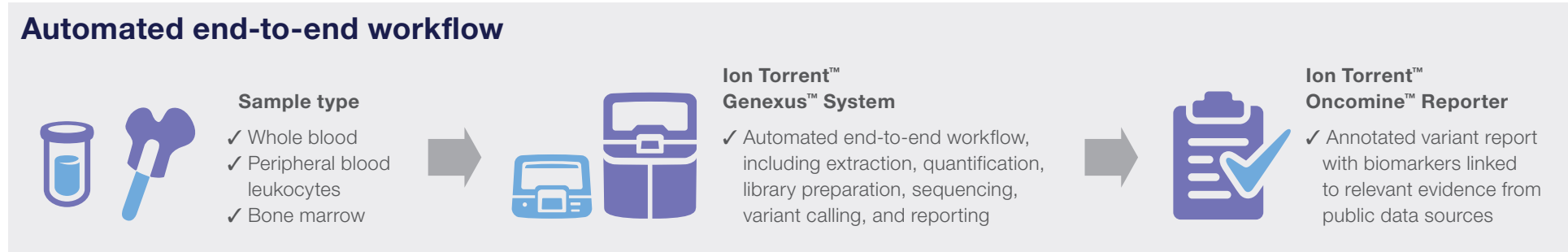
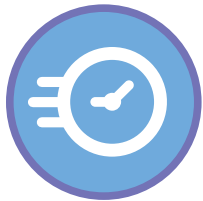


Oncomine Myeloid Assay GX v2

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 (30) | | | Expression genes (5) | Expression control genes (5) |
| ANKRD26 | IDH1 | PPM1D | ASXL1 | ABL1 | HMGA2 | NUP98 | BAALC | EIF2B1 |
| ABL1 | IDH2 | PTPN11 | BCOR | ALK | JAK2 | NUP214 | MECOM | FBXW2 |
| BRAF | JAK2 | SMC1A | CALR | BCL2 | KMT2A PTDs | PDGFRA | MYC | PSMB2 |
| CBL | KIT | SMC3 | CEBPA | BRAF | MECOM | PDGFRB | SMC1A | PUM1 |
| CSF3R | KRAS | SETBP1 | ETV6 | CCND1 | MET | RARA | WT1 | TRIM27 |
| DDX41 | MPL | SF3B1 | EZH2 | CREBBP | MLLT10 | RBM15 | | |
| DNMT3A | MYD88 | SRSF2 | IKZF1 | EGFR | MLLT3 | RUNX1 | | |
| FLT3 (ITD, TKD) | NPM1 | U2AF1 | NF1 | ETV6 | MYBL1 | TCF3 | | |
| GATA2 | NRAS | WT1 | PHF6 | FGFR1 | MYH11 | TFE3 | | |
| HRAS | | | PRPF8 | FGFR2 | NTRK3 | | | |

