



Automating Archer™ FUSIONPlex™ Heme Solutions on the Biomek i3 Benchtop Liquid Handler

The combined power of Integrated DNA Technologies' (IDT) next-generation sequencing (NGS) chemistries and Beckman Coulter Life Sciences automation creates a seamless solution that simplifies complex workflows and boosts consistency. Automating Archer FUSIONPlex Heme Solutions on the Biomek i3 liquid handler gives you smoother, more reproducible runs with less hands-on time and scalable, high-quality results.

Archer™ FUSIONPlex™ Heme Solutions



Archer FUSIONPlex Heme Solutions give you a streamlined way to identify known and novel gene fusions, splice events, exon skipping, SNVs/indels, and relative expression changes in hematologic malignancies. Built on proven AMP chemistry, the FUSIONPlex Pan-Heme v2 panel and FUSIONPlex Heme v3 panel provide sensitive, reliable results from diverse sample types so you can maintain existing workflows while gaining flexible, future-ready tools for advancing heme research insights.



Identification

Identify 1,220+ known, rare, and novel gene fusions—along with splice events, exon skipping, SNVs/indels, and relative expression changes—in heme malignancies with a single research solution.



Compatibility

Compatible with diverse sample types, including blood, bone marrow, FFPE, fresh frozen, BMBC and PBMC.



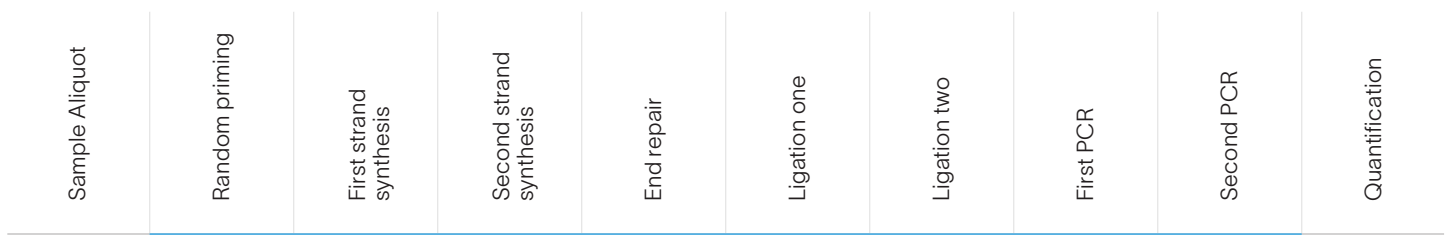
Insights

Supported by a purpose-built secondary analysis software platform, Archer Analysis, for simple data interpretation and insights.

Workflow

Figure 1:

Steps included in the automated Archer FUSIONPlex workflow are featured in blue. Pre- or post-steps featured in grey require are out of scope for this workflow; however, those steps can be user-defined through the full-featured Biomek software interface



Together, IDT and Beckman Coulter Life Sciences

deliver more than compatible products—we deliver a future-proof ecosystem that empowers your lab to do more with confidence.

From chemistry to automation, every element is engineered to work in harmony, helping you accelerate discovery, reduce manual burden, and achieve dependable results run after run.

To learn more about how we partner to support your workflows, connect with your local Beckman Coulter Life Sciences or IDT representative.

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