



ACTIVE MOTIF® Enabling Epigenetics Research



Active Motif New innovations to epigenetics and gene regulation research

In order for the analysis to provide reliable information, all steps of the process must be performed reproducibly from sample processing to analysis of the results.

PIXUL Multi-Sample Sonicator for fragmentation of nucleic acid samples

Next-generation sequencing applications, such as ChIP-Seq, RNA-Seq, RIP-Seq, exome sequencing, and whole genome sequencing require precise sample fragmentation (200-600 bp) for compatibility with short read sequencing platforms. Shearing by physical sonication, as opposed to enzymatic methods, is preferred for its unbiased nature and ability to produce a relatively narrow fragmentation profile.

However, most currently available sonication systems are incompatible with high-throughput sample processing or require expensive proprietary plates or tubes. PIXUL is the first and only multi-sample sonicator that delivers extremely consistent shearing of up to 96 samples processed in parallel and is fast, simple, and inexpensive to operate.

[Video "What Makes Pixul Different"](#)

Active Motif's Basepair Portal for the analysis of sequences data

Active Motif and Basepair have partnered to transform the way you analyze ATAC-Seq, CUT&Tag, and ChIP-Seq data. Basepair is a fast and easy-to-use next-gen sequencing analysis platform with automated pipelines built on a cloud platform that instantly scales to analyze thousands of samples in parallel to streamline data analysis. Active Motif's Basepair Portal is an exclusive invitation-only portal for analysis of samples generated with Active Motif's Kits. This Portal includes ATAC-Seq, CUT&Tag, and ChIP-Seq pipelines.

Now you can analyze all the sequencing data created with the Active Motif ATAC-Seq, CUT&Tag-IT™ Assay, and ChIP-IT High Sensitivity® Kits for **FREE** using Active Motif's portal on Basepair

This analysis on-demand enables you to:

- Get bioinformatic analysis on all your data – within a couple of hours!
- Analyze samples of any size and complexity without any wait time.
- All figures and graphs are interactive so you can find answers and insights faster.
- Get clear results quickly with publication-ready visuals.

[More information of the Basepair Portal](#)

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