

ChIP-Seq: High Recoveries of Valuable Samples



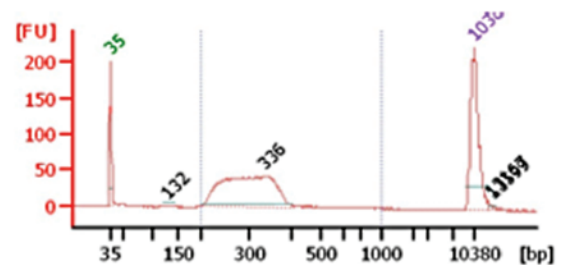
Automated DNA Size Selection



ChIP-seq often requires enrichment of nanogram amounts of starting material, and size selection of a wide range of DNA fragments. The Pippin system provides more flexibility and higher recovery than competing methods. New lower volume (25 μ l) collection modules improve the ChIP workflow better than ever.

1. Enter a base pair range in software
2. Load samples onto a pre-cast agarose gel cassette
3. At the end of the run, collect the DNA with a pipetter

Pippin Prep Size Selection, 1:10 dilution



Manual Size Selection 1:3 dilution

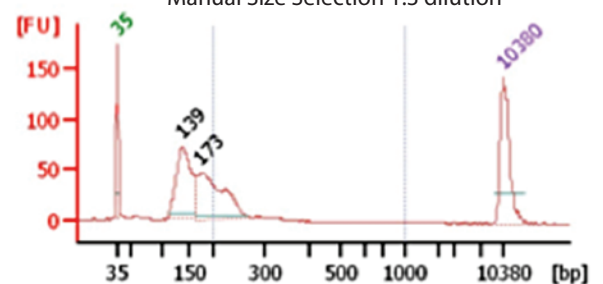



Figure. A comparison of size selection of duplicate ChIP seq libraries. The manual method shows presence of primer-dimer peaks and absence of fragments above 300 bp. Sample recovery with the Pippin Prep is significantly higher. Data courtesy of the Center for Functional Epigenetics, DFCI.



Pippin Prep™
Collect targets between
90 bp – 1.5 kb

Blue Pippin™
Collect targets between
90 bp – 50 kb

The Pippin Prep system is an automated gel electrophoresis platform designed to save scientists time and money in DNA size selection. The platform uses optical fluorescence detection of DNA separations to automatically collect size-selected fragments from pre-cast agarose gel cassettes.

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