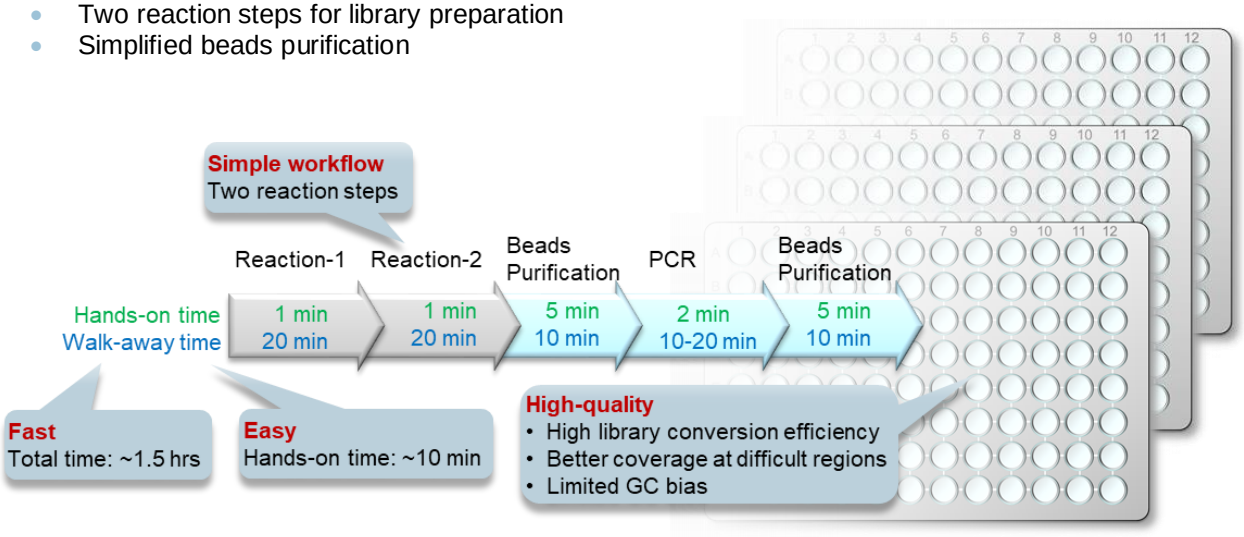
NGS Library Preparation:
A Reliable Solution You Can Trust

- **Guaranteed Quality**
  - High library conversion efficiency
  - Better coverage at difficult regions
  - Limited GC bias
- **Save Your Time**
  - Total time: 1~1.5 hours
  - Hands-on time: ~10 minutes
- **Simple Workflow**
  - Two reaction steps for library preparation
  - Simplified beads purification



- **Kit List**

Illumina platform

Product Name	Application	Sample Type & Amount
NGS DNA Library Prep Kit	Library prep with normal DNA amount	Sheared DNA 100-1000 ng
NGS DNA Library Prep Customization Kit	Customized adaptors & primers OK	Sheared DNA 100-1000 ng
PCR-free DNA Library Prep Kit	PCR-free library	Sheared DNA 100-1000 ng
NGS Low Input DNA Library Prep Kit	Low input	Sheared DNA 1-100 ng
ChIP-Seq Library Prep Kit	ChIP-Seq	ChIP-DNA 5-30 ng
NGS FFPE DNA Library Prep Kit	FFPE sample	Sheared FFPE DNA 10-50 ng
NGS Cell-free DNA Library Prep Kit	Cell free DNA	Cell free DNA 1-20 ng
Bisulfite Sequencing Library Prep Kit	Bisulfite-Seq	Bisulfite treated DNA 50-500 ng
NGS Single Stranded DNA Library Prep Kit	Single stranded DNA	Sheared ssDNA 50-500 ng
NGS Ancient DNA Library Prep Kit	Ancient DNA	Ancient DNA 50-500 ng
NGS DNA Fragmentation & Library Prep Kit	Enzymatic DNA fragmentation	Intact genomic DNA 100-500 ng
RNA Seq Library Prep Kit	RNA Sequencing	Purified RNA 3-100 ng

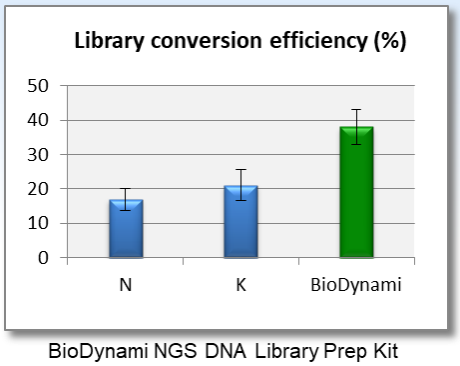
Ion Torrent platform

Product Name	Application	Sample Type & Amount
DNA Library Prep Kit	Library prep with normal DNA amount	Sheared DNA 100-1000 ng
NGS DNA Fragmentation & Library Prep Kit	Enzymatic DNA fragmentation	Intact genomic DNA 100-500 ng

More details at https://biodynami.com/ngs-library-preparation/
Email: support@biodynami.com

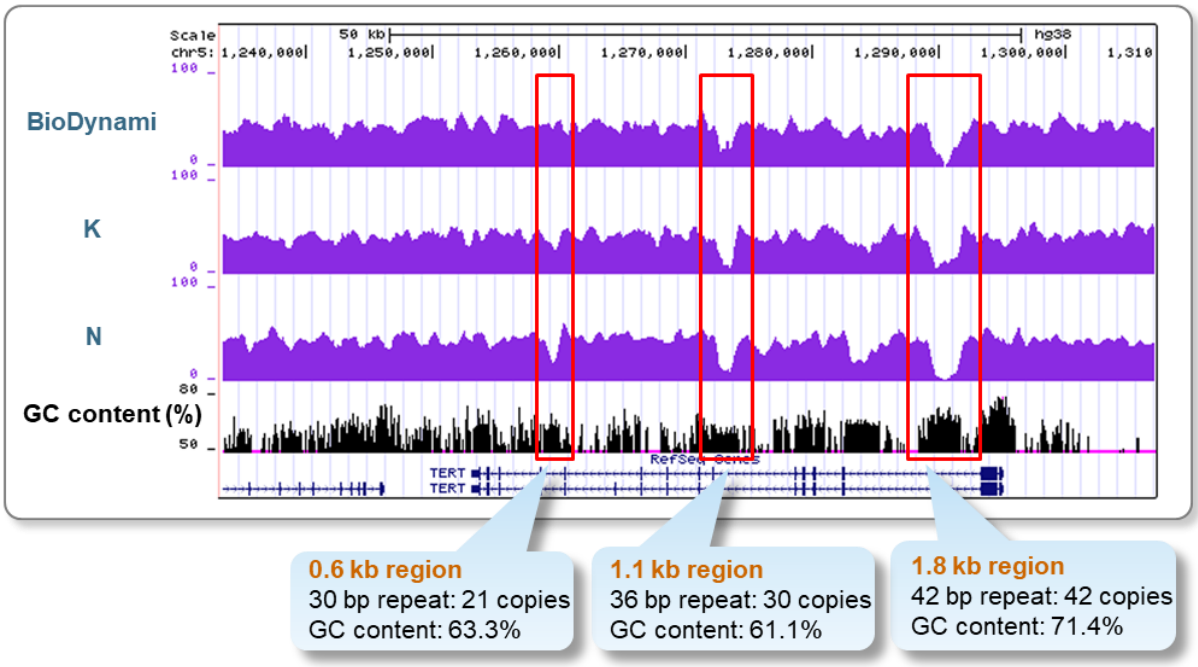
Technical Features

- High library conversion efficiency
  - The key metric to measuring NGS library quality
  - Associate with library diversity and duplication rates

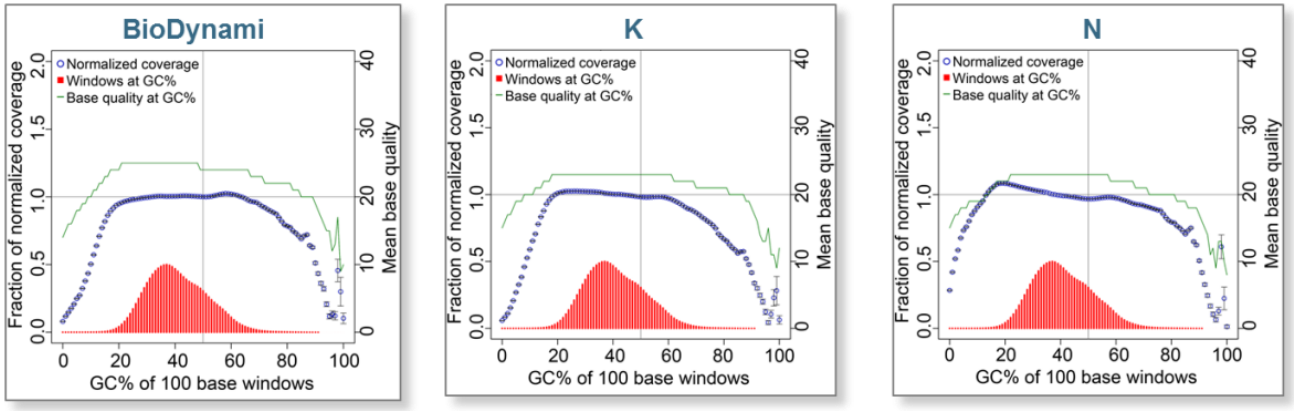


BioDynami NGS DNA Library Prep Kit

- Better coverage at difficult regions (high GC + repeat sequences)
  - Example: human TERT gene



- Limited GC bias



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