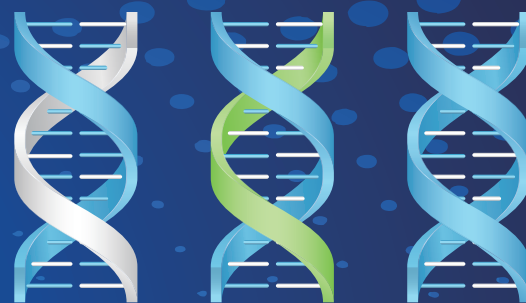# GenTrack and GenNature NGS Library Preparation

- Configure library preparation the way you want
- Difficult samples in, high quality libraries out
- Drop your sequencing cost

Join our beta-testing to receive free library preparation kit configured to your workflow

No matter you are working on gDNA, cfDNA, FFPE or other samples, we got you covered. GenScript would like to provide configurable library preparation reagents that fits your sample type and workflow.

Various sample types
gDNA, cfDNA, FFPE
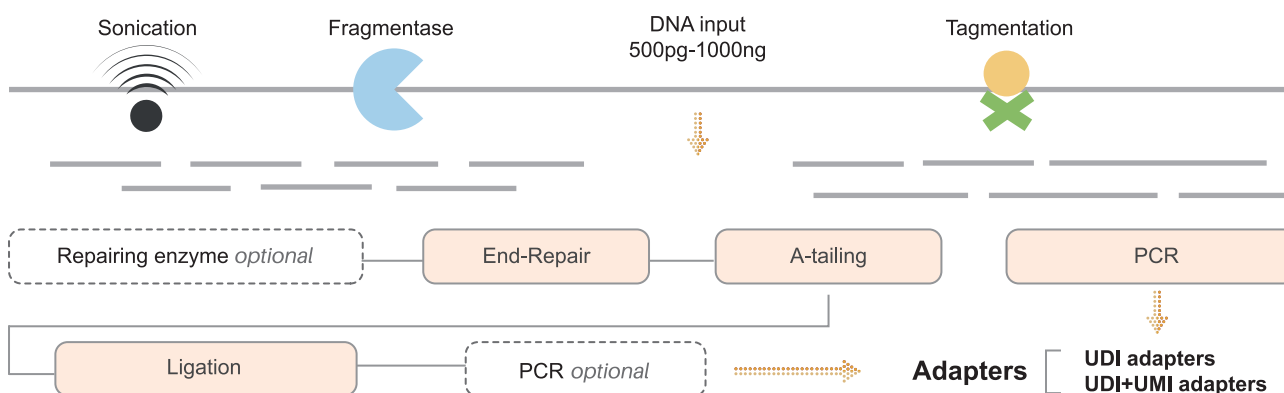
Flexible configuration
Fully customized adapters

Sonication, Fragmentase,
or Tagmentation

Try one of our pre-designed kits or configure your own
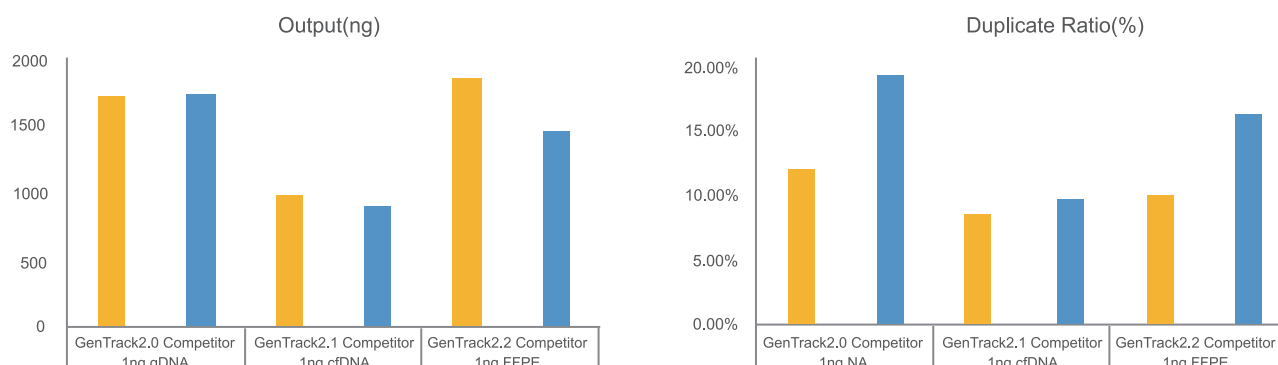
GenTrack 2.0 library preparation kit   **GenNature 2.0 library preparation kit**

Versions	Modules	Sample types and applications
GenTrack 2.0	Sonication	gDNA, plasmid, cfDNA, PCR product <300bp
GenTrack 2.1	Fragmentase	gDNA, plasmid, cfDNA, PCR product. Automatable
GenTrack 2.2	Fragmentase + repairing enzyme	gDNA, plasmid, cfDNA, PCR product, FFPE. Automatable
GenTrack 2.3	Fragmentase + repairing enzyme + UMI	gDNA, plasmid, cfDNA, PCR product, FFPE Low frequency mutation, somatic mutation. Automatable
GenNature 2.0	Tagmentation	gDNA, plasmid, PCR product. Automatable.

GenScript
Make Research Easy

Excellent performance

Compared with industry leading competitor's library preparation kit, GenTrack shows higher output and lower duplication ratio for 1ng of gDNA, cfDNA and FFPE samples.

Output(ng)

Duplicate Ratio(%)

Product specifications

	GenTrack 2.0 Library Preparation Kit	GenNature 2.0 Library Preparation Kit
Chemistry	Fragmentation or sonication followed by reparing enzyme(optional) and ligation	Tagmentation followed by amplification
Number of Samples	96 reactions/kit	96 reactions/kit
Sample Input Types	Human or other species DNA from blood, tissues or others	
	gDNA, plasmid, cfDNA, PCR product, FFPE	gDNA, plasmid, PCR product
Sample Input Amounts	500pg-1000ng	
Adapters	Dual sample indices with customization options (ex: UMIs) 96 pairs on shelf	Dual sample indices with customization options 384 pairs on shelf 96x96 customized pairs for low-depth reads
Turn Around Time	2.5 hours	1.5 hours
Types of Libraries	Whole Genome, Whole Exome, and Custom Target Enrichment	

GenScript
Make Research Easy