

NGS Adapters

Avoid sample mis-assignment
Increase sequencing throughput and efficiency

Key features

Ligation-based or Tagmentation-based library preparation adapters **fit most Illumina sequencers.**



Enhance NGS performance

- Extremely low-cross contamination to avoid sample mis-assignment
- High-purity, low error-rate ensures high library prep efficiency and consistency



Convenient and flexible

- On-shelf or custom adapters fits various platform and workflow
- Large adapter sets to maximize sequencing throughput

On-shelf or custom adapters

On-Shelf Adapters

- 96 pairs GenTrack Adapters
- 384 pairs GenNature Adapters
- Tube or plate

Custom Adapters

- 96x96 UDI adapters or more
- Single index, UMI or others
- Custom plating

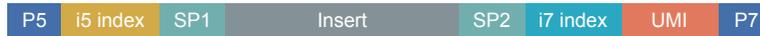
Single index



Unique dual index



Dual index UMI

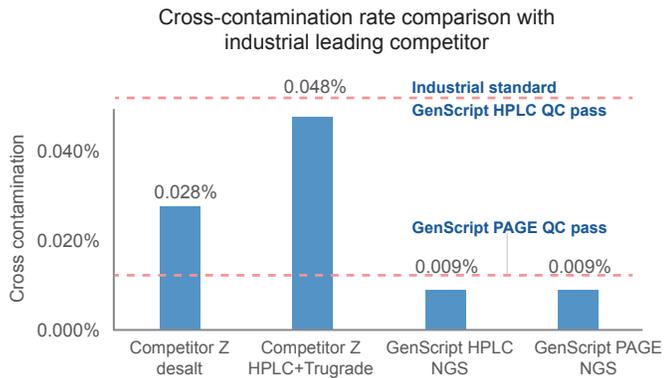


- Flow cell binding sequence
- Sequencing primer sites
- Sample indexes
- Molecular index/barcode
- Insert

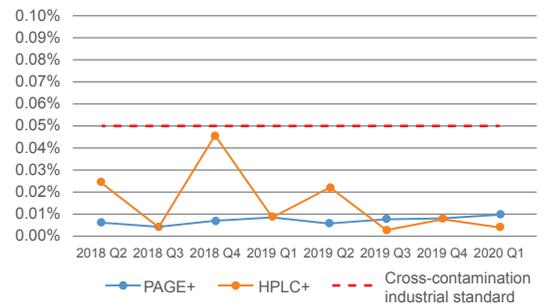
| Type of custom adapters | Customized format | Assisted design for Illumina platform |
|---|---|---|
| <ul style="list-style-type: none"> • Single index • Dual index • Index with UMI • Other platforms | <ul style="list-style-type: none"> • Pre-plated with plate map • Customized pooling and normalization | <ul style="list-style-type: none"> • 96x96 adapters sets or even larger • De-multiplexing assistance • Design considering GC and color balance, distance, and match your sequencer |

High quality assurance

Extremely low cross-contamination rate to avoid sample mis-assignment

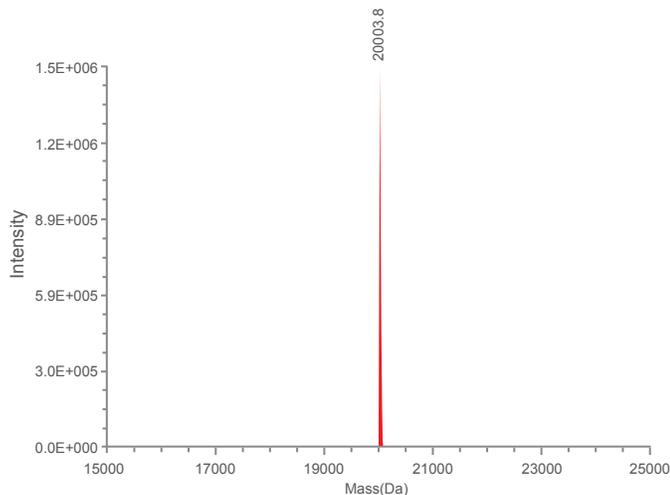


Quarterly Monitoring of GenScript's Adapters Cross-Contamination



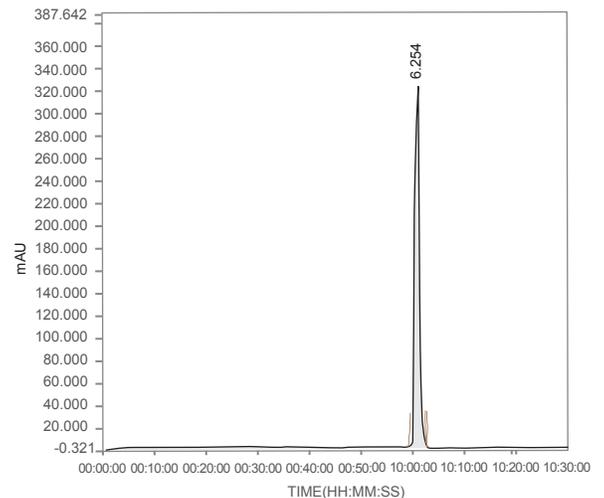
High quality adapters ensures high ligation efficiency and enhance library preparation yield

Extremely low error rate



The actual molecular weight (MW) of the adapter is 20003.8 Da, which is consistent with theoretical MW.

Guaranteed high purity



The target peak purity is 99.36% from CGE report

Product Information

| Library prep method | Catalog number | Product Name | Price (96 reactions) |
|------------------------------------|----------------|--|----------------------|
| Ligation based (Truseq style) | NGS09602 | GenTrack Adapter Set, 96 dual-indexes | \$371 |
| Tagmentation based (NexTera style) | NGS09605a | GenNature Adapter Set a, 96 dual-indexes | \$470 |
| | NGS09605b | GenNature Adapter Set b, 96 dual-indexes | \$470 |
| | NGS09605c | GenNature Adapter Set c, 96 dual-indexes | \$470 |
| | NGS09605d | GenNature Adapter Set d, 96 dual-indexes | \$470 |
| Custom | SC1618 | Custom Adapters (single/dual index, UMI) | Quote |