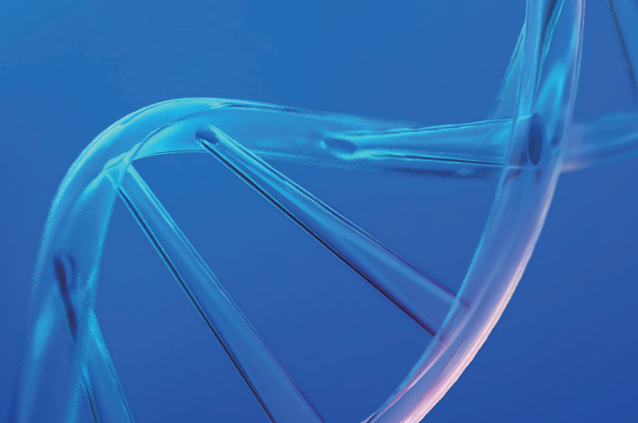


GenFisher NGS Target Enrichment Solution

Achieve improved and consistent target capture with array synthesized probes



Join our beta-testing to receive a FREE NGS target enrichment panel



Customizable probe
precisely synthesized



High coverage and
on-target rate

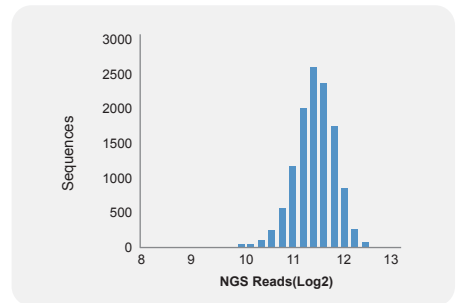
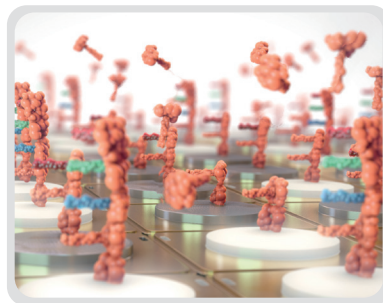


Enable fine tuning



Fast hybridization
No compromise on quality

NGS target enrichment panel synthesized by CMOS semiconductor technology



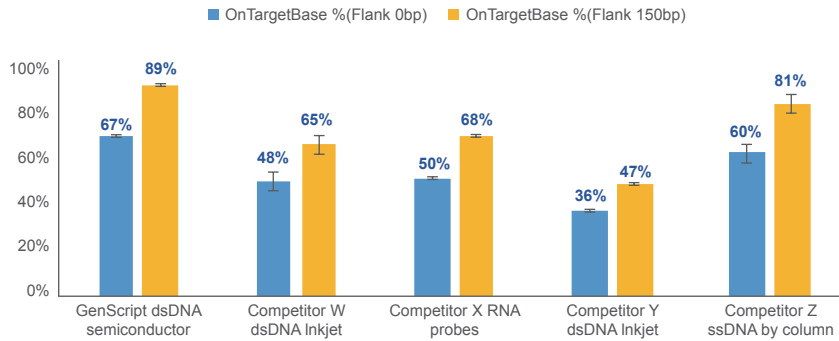
12,000 unique oligos synthesized on semiconductor chip result in ~100% oligo coverage with interdecile ratio of 1.98

Experience more than Target Enrichment Panel for optimum results

Products		Key Features
GenFisher custom hybrid capture panel		<ul style="list-style-type: none"> Fully customizable capture panel with precise control High coverage, on-target rate, consistency and uniformity Enable fine-tuning for difficult regions
GenFisher Hybridization and Wash Kit		<ul style="list-style-type: none"> Both overnight and fast hybridization (<1 hour) workflow Fast hybridization with no compromising on quality Compatible with both ssDNA or dsDNA panels
Universal Blockers		<ul style="list-style-type: none"> Compatible with Ligation-based or Tagmentation-based library preparation Simple workflow: Unique chemistry to bind adapters regardless of index length Up to 24-plex hybridization ensured by high purity

Efficient, consistent, and tunable panels

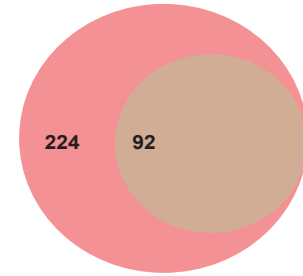
Capture efficiency by technology



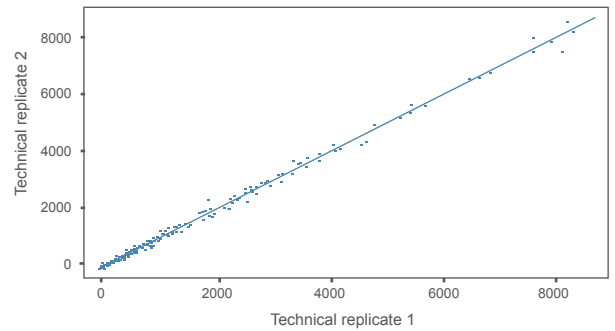
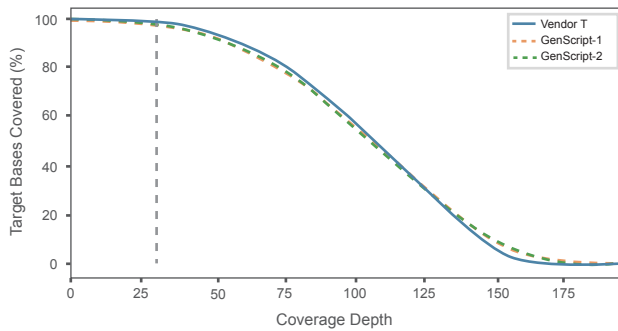
**Probes from all vendors target the same 800kb human genomic region.

Fine tuning by spike-in ssDNA probes

Before fine tuning (pink) After fine tuning (brown)



of probes <20% mean depth

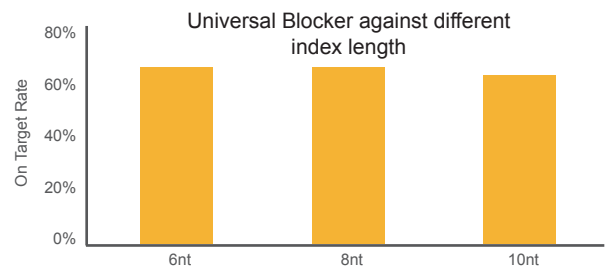
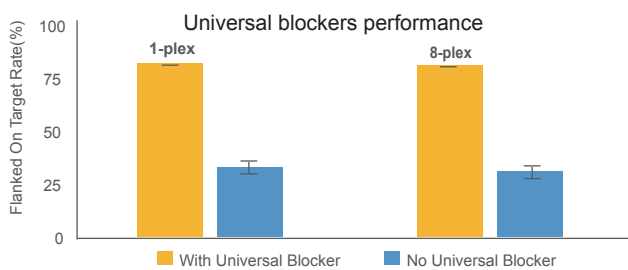


~8,000 dsDNA probes against 127 genes show high efficiency and uniformity as ssDNA panels, and great batch to batch consistency

GenFisher Hybridization Kit and Universal Blockers performance

Fast hybridization, no compromising on quality

Hybridization time	On_Target_Base	30x Coverage	20% x MeanDepth (%)	Fold_80
16 hr	61.63%	99.85%	99.26%	1.30
1 hr	56.52%	99.81%	98.57%	1.53



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