

xGen™: For core labs that run every platform

Flexibility across sequencing platforms, without the complexity behind it.



Support multiple
sequencing
platforms



Keep workflows simple,
consistent,
and predictable



Minimize re-training,
SOP sprawl,
and exceptions



Scale throughput
without increasing
operational complexity

Streamlined, core friendly reagents—across every platform

Integrated DNA Technologies (IDT) designs workflow reagents with sequencing facilities in mind.

We help cores run mixed fleets more smoothly by harmonizing workflows wherever possible, while engineering platform appropriate assay components where required.

The result: less friction, fewer forks, and more operational consistency—across the sequencers you already run.

	Illumina®	Ultima Genomics®	DNBSEQ™	Element Biosciences™	Oxford Nanopore Technologies®	PacBio®	Ion Torrent®
Library Prep							
xGen DNA Library Prep MC	✓	✓	✓	✓	✗	✗	✗
xGen DNA Library Prep MC UNI	✓	✓	✓	✓	✓	✓	✓
xGen DNA Library Prep EZ	✓	✓	✓	✓	✗	✗	✗
xGen DNA Library Prep EZ UNI	✓	✓	✓	✓	✓	✓	✓
xGen cfDNA & FFPE DNA Library Prep	✓	✓	✓	✓	✗	✗	✗
xGen 2S DNA Library Prep	✓	✓	✓	✓	✗	✗	✗
xGen ssDNA & Low-Input DNA Library Prep	✓	✓	✓	✓	✗	✗	✗
xGen RNA Library Prep	✓	✓	✓	✓	✗	✗	✗
xGen Broad-range RNA Library Prep	✓	✓	✓	✓	✗	✗	✗
xGen Methyl-Seq Library Prep	✓	✓	✓	✓	✗	✗	✗



Compatible when using
a platform-specific
stocked component



Compatible, may
require platform-
specific conversion



Compatible using
pre-designed
customized solutions



Not directly
compatible/not
recommended

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idtdna.com

	Illumina®	Ultima Genomics®	DNBSEQ™	Element Biosciences™	Oxford Nanopore Technologies®	PacBio®	Ion Torrent®
Target Enrichment							
xGen Hybridization and Wash v3	✓	✓	✓	✓	✓	✓	✓
xGen Universal Blockers	✓	✓	✓	✓	✗	✗	✗
xGen Custom Hyb Cap Panels	✓	✓	✓	✓	✓	✓	✓
xGen Exome Panel v2	✓	✓	✓	✓	✓	✓	✓
xGen Library Amplification Primers	✓	✓	✓	✓	✗	✗	✗
xGen Custom Amplicon Panels	✓	✓	✓	✓	✗	✗	✗



Compatible when using a platform-specific stocked component



Compatible, may require platform-specific conversion



Compatible using pre-designed customized solutions



Not directly compatible/not recommended

Running a multi-platform sequencing lab doesn't have to mean managing complexity

xGen NGS reagents help you standardize your workflows across platforms so your team can spend less time troubleshooting differences and more time generating high-quality sequencing data.



For more information, visit
idtdna.com/ngs-platform-capabilities



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