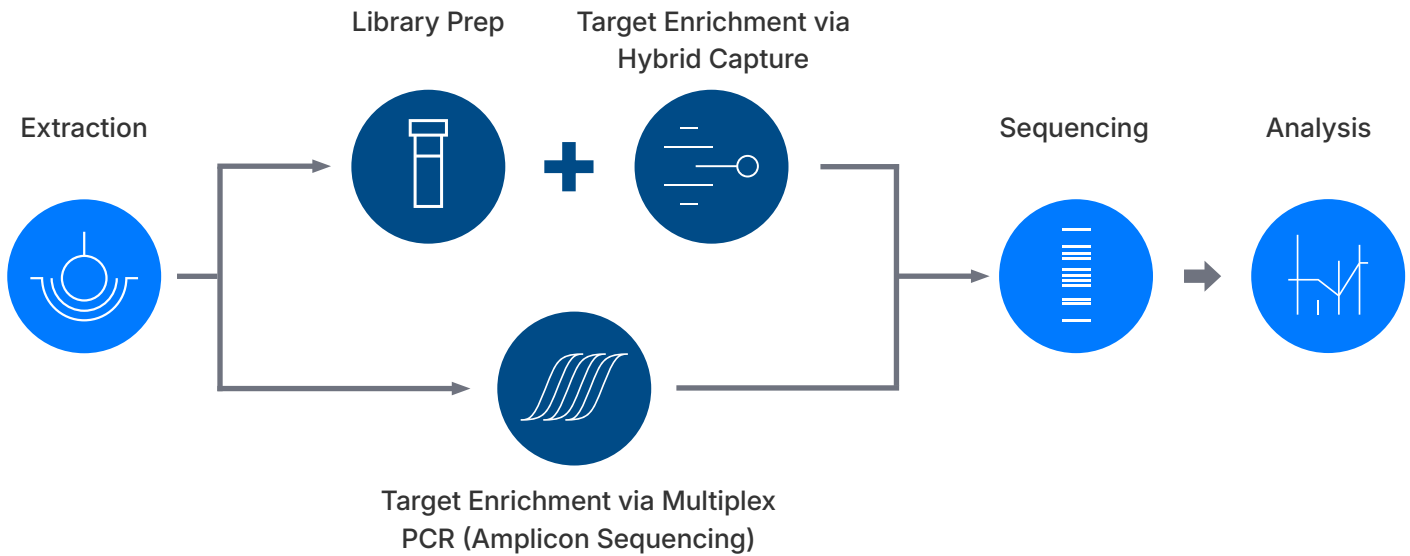


xGen™ NGS Portfolio



Library prep

DNA Library Preparation

- xGen cfDNA & FFPE DNA Library Prep Kit
- xGen ssDNA & Low-input DNA Library Prep
- xGen DNA Library Prep Kit EZ or MC
- xGen DNA Library Prep Kit EZ UNI or MC UNI

RNA Library Preparation

- xGen RNA Library Prep Kit
- xGen Broad-Range RNA Library Prep Kit

Methyl-Seq DNA Library Preparation

- xGen Methyl-Seq Library Prep Kit
- xGen Adaptase Module

Adapters & Indexing Primers

- Up to 1536 UDIs

Hybrid capture

Custom Hyb Panels

Pre-Designed Hyb Panels

- xGen MRD Hyb Panel
- xGen Exome Hyb Panel v2
- xGenAML Cancer Hyb Panel
- xGenInherited Diseases Hyb Panel
- xGenHuman mtDNA Hyb Panel
- xGenCNV Backbone Hyb Panel
- xGenPan-Cancer Hyb Panel
- xGenHuman ID Hyb Panel
- xGen SARS-CoV-2 Hyb Panel

xGen Hybridization Capture Core Reagents

Amplicon sequencing

Custom Amplicon Panels

Pre-Designed Amplicon Panels

- xGen SARS-CoV-2 Amplicon Panel
- xGen Oncology & Inherited Disease Amplicon Panels
- xGen Monkeypox Virus Amplicon Panel
- xGen Metagenomics Amplicon Panels
- xGen Human Sample ID Amplicon Panel
- xGen Respiratory Virus Amplicon Panel
- xGen HS EGFR Pathway Amplicon Panel
- xGen SARS-CoV-2 Amplicon Panel

Pre-Designed Amplicon Panels

- SARS-CoV-2 ARTIC Amplicon Panel
- SARS-CoV-2 Midnight Amplicon Panel

Library normalization

Normalase™ Technology

- xGen Normalase Module
- xGen Pre-hyb Capture Normalase Module
- xGen Normalase UDI Primers
- xGen Normalase CDI Primers

Archer™ NGS Assays



Assay design

Assay Marketplace
Assay Designer
Designer Pro

Extraction

Library prep

FUSIONPlex
VARIANTPlex
LIQUIDPlex
IMMUNOVERse

Sequencing

Variant calling

Archer Analysis

Assay design

Assay Marketplace

- Web-based design tool
- Predesigned and functionally tested primers
- Fastest turnaround

Assay Designer Service

- Consultation with an expert designer
- Includes *de novo* primers and *in silico* design review

Designer Pro Service

- Highest level service
- Includes wet-lab optimization

Library prep

Solid tumor panels

- VARIANTPlex Complete Solid Tumor v2
- VARIANTPlex Pan Solid Tumor v2
- VARIANTPlex HRD Module
- VARIANTPlex Expanded Solid Tumor
- VARIANTPlex Core Solid Tumor
- FUSIONPlex Pan Solid Tumor v2
- FUSIONPlex Core Solid Tumor v2
- FUSIONPlex Lung v2
- FUSIONPlex Sarcoma v2
- LIQUIDPlex Universal Solid Tumor

Solid tumor & blood cancer panel

- VARIANTPlex Comprehensive Tissue and Blood

Blood cancer panels

- VARIANTPlex Myeloid
- VARIANTPlex Myeloid v2
- VARIANTPlex Core Myeloid
- VARIANTPlex AML Focus
- VARIANTPlex MPN Focus
- VARIANTPlex Lymphoma
- FUSIONPlex Pan-Heme
- FUSIONPlex Pan-Heme v2
- FUSIONPlex Heme v2
- FUSIONPlex Heme v3
- FUSIONPlex Myeloid
- FUSIONPlex ALL
- FUSIONPlex Lymphoma

Genetic disease panels

- VARIANTPlex Expanded Carrier
- VARIANTPlex CFTR v2

Immune profiling panels

- IMMUNOVERse TCR
- IMMUNOVERse BCR

Variant calling

Archer Analysis

- Easy-to-use data analysis platform with optimized bioinformatics workflows
- Supports all Archer assays and enables a broad range of applications
- Available as a private-cloud hosted service, or as a virtual machine for local deployments

Customize panel content or design from scratch with assay design services. For more information, visit idtdna.com/archer-request-a-consultation

For Research Use Only. Not for diagnostic procedures. Unless otherwise agreed to in writing, IDT does not intend these products to be used in clinical applications and does not warrant their fitness or suitability for any clinical diagnostic use. Purchaser is solely responsible for all decisions regarding the use of these products and any associated regulatory or legal obligations.

