



## Library prep

- **DNA Library Preparation**
  - xGen cfDNA & FFPE DNA Library Prep Kit
  - xGen ssDNA & Low-input DNA Library Prep Kit
  - 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
  - xGen AML Cancer Hyb Panel
  - xGen Inherited Diseases Hyb Panel
  - xGen Human mtDNA Hyb Panel
  - xGen CNV Backbone Hyb Panel
  - xGen Pan-Cancer Hyb Panel
  - xGen Human 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 Primers**
  - 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



## 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
  - VARIANTPlex Pan Solid Tumor
  - VARIANTPlex Expanded Solid Tumor
  - VARIANTPlex Core Solid Tumor
  - FUSIONPlex Pan Solid Tumor
  - FUSIONPlex Core Solid Tumor
  - FUSIONPlex Lung v2
  - FUSIONPlex Sarcoma v2
  - LIQUIDPlex Universal Solid Tumor
- **Genetic disease panels**
  - VARIANTPlex Expanded Carrier
  - VARIANTPlex CFTR v2
- **Blood cancer panels**
  - VARIANTPlex Myeloid
  - VARIANTPlex Core Myeloid
  - VARIANTPlex AML Focus
  - VARIANTPlex MPN Focus
  - FUSIONPlex Pan-Heme
  - FUSIONPlex Heme v2
  - FUSIONPlex Myeloid
  - FUSIONPlex ALL
  - FUSIONPlex Lymphoma
- **Immune profiling panels**
  - IMMUNOVerse TCR panel
  - IMMUNOVerse BCR panel

## Data analysis

- **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