

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 Adapters Module
- **Adapters & Indexing Primers**
 - Up to 1536 UIDs

Hybrid capture

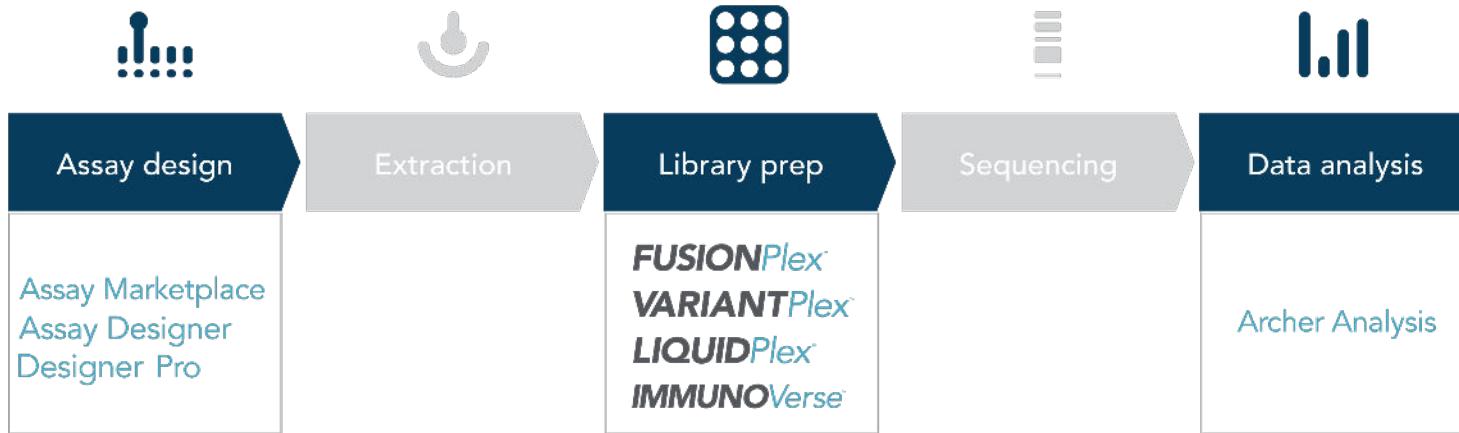
- **Custom Hyb Panels**
- **Pre-Designed Hyb Panels**
 - xGen MRD Hyb Panel
 - xGen Exome Hyb Panel v2
 - xGen AML Cancer Hyb Panel
 - xGen Inherited Diseases Hyb Panel
 - xGen Human mtDNA Hyb Panel
 - xGen CNV Backbone Hyb Panel
 - xGen Pan-Cancer Hyb Panel
 - xGen Human ID Hyb Panel
 - xGen SARS-CoV-2 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