



## Genetic Tests and Laboratory Matrix

The matrix below contains all the genetic tests which Evolent manages. This matrix is designed to assist in determining if a genetic test requires authorization through Evolent. Genetic tests are grouped by category and include the test name, the laboratory that performs the test, and the genetic testing unit (GTU). The GTU is a unique identifier created by Concert Genetics for each genetic test. To learn more about the GTU, please visit [Concert Genetics' website](#).

As NIA systems are continually updated, a new matrix will be posted to RadMD the first of every month. To find the most current CPT codes please visit [Concert Genetics' Portal](#).

Prior authorization is not a guarantee of payment. Authorizations are based on medical necessity and are contingent upon member eligibility at the time services are rendered.

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## Genetic Tests and Laboratory Matrix

### Arrhythmia Panel Tests

GTU	Test Name	Laboratory Name
7XHCG	Arrhythmia Comprehensive Panel	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
7VV6G	Arrhythmia Comprehensive Panel	The University of Chicago Genetic Services
7VA6G	Arrhythmia NGS Panel	AiLife Diagnostics
7VA7G	Arrhythmia NGS Panel Rapid	AiLife Diagnostics
6L93G	Arrhythmia Panel	GeneDx
7DMRG	Arrhythmia Panel	Washington University in St. Louis Genomics and Pathology Services
76V3G	Atrial Fibrillation (A Fib) Panel	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
782SG	Atrial fibrillation NGS Panel	Connective Tissue Gene Tests
4JR5G	Atrial Fibrillation NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
77VHG	Atrial Fibrillation NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
76WLG	Atrial Fibrillation NGS Panel (Sequencing Only)	Fulgent Genetics
782TG	Atrial fibrillation NGS Panel Next Generation Sequencing	Connective Tissue Gene Tests
6MEFG	Atrioventricular block NGS Panel	Connective Tissue Gene Tests
6KDGG	Atrioventricular block NGS Panel Deletion / Duplication	Connective Tissue Gene Tests
6ME7G	Atrioventricular block NGS Panel Next Generation Sequencing	Connective Tissue Gene Tests
5TZFG	Cardiac Arrhythmia Panel	Northwest Clinical Genomics Lab
5C8DG	Cardiac Arrhythmia Panel	PreventionGenetics, part of Exact Sciences
6MEDG	Cardiac channelopathy NGS Panel	Connective Tissue Gene Tests
6MALG	Cardiac channelopathy NGS Panel Deletion / Duplication	Connective Tissue Gene Tests
6MECG	Cardiac channelopathy NGS Panel Next Generation Sequencing	Connective Tissue Gene Tests
53VJG	Comp Arrhythmia Panel	Johns Hopkins Medical Institutions - Pathology Laboratory
7SCDG	Comprehensive Arrhythmia Gene Panel, Varies	Mayo Clinic Laboratories
2QALG	Comprehensive Arrhythmia NGS Panel (Deletion/Duplication Only)	Fulgent Genetics

GTU	Test Name	Laboratory Name
25DJG	Comprehensive Arrhythmia NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
3EQZG	Comprehensive Arrhythmia NGS Panel (Sequencing Only)	Fulgent Genetics
33XQG	Comprehensive Arrhythmia Panel	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
2Y7CG	Comprehensive Arrhythmia Panel	PerkinElmer Genomics
2LNNG	Comprehensive Arrhythmias Panel	Knight Molecular Diagnostic
52PAG	Familial Atrial Fibrillation – FAF (14 genes) Deletion/Duplication Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
2FPEG	Familial Atrial Fibrillation – FAF (14 genes) NGS + Sanger fill-in Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
3BQFG	Familial Atrial Fibrillation – FAF (14 genes) NGS Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
3LMAG	Familial Atrial Fibrillation (FAF) Panel Sequencing	Indiana University Molecular Genetics Diagnostic Laboratory - Indiana University Medical Center, School of Medicine
78FYG	Familial Atrial Fibrillation Syndrome Panel	PreventionGenetics, part of Exact Sciences
4ZNAG	GeneSeq Cardio Familial Arrhythmia Panel	LabCorp
4ZP3G	GeneSeq : Cardio-Familial Arrhythmia Profile	Integrated Genetics
2BXYG	Hereditary Cardiac Arrhythmia (NGS Panel and Copy Number Analysis)	MNG Laboratories
76Q4G	Hereditary Ventricular Tachycardia Syndromes (NGS Panel and Copy Number Analysis)	MNG Laboratories
25JTG	Invitae Arrhythmia Comprehensive Panel	Invitae Corporation
44YPG	Invitae Arrhythmia Comprehensive Panel-Add-on Preliminary-evidence Genes for Arrhythmia	Invitae Corporation
76S9G	Invitae Arrhythmia Comprehensive Panel-Add-on Sudden Unexpected Death in Epilepsy (SUDEP) Genes	Invitae Corporation
3E7RG	Pan Arrhythmia (54 genes) Deletion/Duplication Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
2FQGG	Pan Arrhythmia (54 genes) NGS + Sanger fill-in Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
54N6G	Pan Arrhythmia (54 genes) NGS Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
7UY5G	Postmortem Arrhythmia Gene Panel, Tissue	Mayo Clinic Laboratories

GTU	Test Name	Laboratory Name
2Z2MG	RhythmNext	Ambry Genetics
58GWW	SCA Arrhythmia Panel	Johns Hopkins Medical Institutions - Pathology Laboratory
7B7BG	STAT Comprehensive Arrhythmia Panel	PerkinElmer Genomics
6DTGG	Sudden Cardiac Arrest Arrhythmia Panel	GeneDx

### Autism Spectrum Disorder/Intellectual Disability Panel Tests <sup>1</sup>

GTU	Test Name	Laboratory Name
2FHGG	Autism NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
76VUG	Autism NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
78AYG	Autism NGS Panel (Sequencing Only)	Fulgent Genetics
78FSG	Autism Spectrum Disorders (ASD) Panel	PreventionGenetics, part of Exact Sciences
7BM2G	AUTISM, INTELLECTUAL DISABILITY, and DEVELOPMENTAL DELAY GENE SEQUENCING PANEL	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
76QWG	AUTISM/AUTISM SPECTRUM DISORDER (53 gene panel)	Center for Human Genetics, Inc.
77KNG	Autism/ID Panel	GeneDx
78K3G	Autism/ID Xpanded Panel	GeneDx
77YKG	AutismNext <sup>®</sup>	Ambry Genetics
78FHG	Autosomal Recessive Non-Specific Intellectual Disability Panel	The University of Chicago Genetic Services
77SAG	Comprehensive Intellectual Disability / Autism (NGS Panel and Copy Number Analysis + mtDNA + Fragile X Repeat Expansion and Methylation)	MNG Laboratories
77AUG	Comprehensive Intellectual Disability / Autism (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
787KG	Focused Autism and Intellectual Disability Panel	PerkinElmer Genomics
76YDG	Inherited Glycosylphosphatidylinositol Biosynthesis Defects (IGDs) Panel	PreventionGenetics, part of Exact Sciences
5FW2G	Intellectual Disability Exome	The University of Chicago Genetic Services
5DPWG	Intellectual Disability NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
78F2G	Intellectual Disability NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
77GSG	Intellectual Disability NGS Panel (Sequencing Only)	Fulgent Genetics

GTU	Test Name	Laboratory Name
79Q6G	Intellectual disability panel - NGS Panel (CNV included)	Centogene
775YG	Intellectual Disability, Epilepsy, and Autism (IDEA) Panel - Family - Duo (IDEA panel of patient + 1 additional family members)	PreventionGenetics, part of Exact Sciences
783YG	Intellectual Disability, Epilepsy, and Autism (IDEA) Panel - Family - Trio (IDEA panel of patient + 2 additional family members)	PreventionGenetics, part of Exact Sciences
77KFG	Intellectual Disability, Epilepsy, and Autism (IDEA) Panel - Patient Only	PreventionGenetics, part of Exact Sciences
7CFRG	Invitae Neurodevelopmental Disorders (NDD) Panel	Invitae Corporation
77HZG	NeurodevelopmentNext™	Ambry Genetics
77H2G	Non-Specific Intellectual Disability Panel	The University of Chicago Genetic Services
76UQG	Nonsyndromic Intellectual Disability (NGS Panel and Copy Number Analysis)	MNG Laboratories
7BYUG	PGmax™ - Intellectual Disability, Epilepsy, and Autism (IDEA) Panel	PreventionGenetics, part of Exact Sciences
7768G	PGXome Custom - Intellectual Disability, Autosomal Dominant	PreventionGenetics, part of Exact Sciences
77XDG	PGXome Custom - Intellectual Disability, Autosomal Recessive	PreventionGenetics, part of Exact Sciences
7B62G	STAT Focused Autism and Intellectual Disability Panel	PerkinElmer Genomics
77SFG	Syndromic Intellectual Disability (NGS Panel and Copy Number Analysis)	MNG Laboratories
78FXG	Top 99 Genetic Causes of Developmental Delay Panel	PreventionGenetics, part of Exact Sciences

### Blood-based Post Heart Transplant Gene Expression Panels for Rejection Risk

GTU	Test Name	Laboratory Name
74CFG	AlloMap Heart	Allina Health Laboratory
525DG	AlloMap Heart	CareDx, Inc.

### BRCA1/2 Sequencing & Deletion/Duplication Tests

GTU	Test Name	Laboratory Name
7SYQG	BRAC ANALYSIS,COMPREHENSIVE	University of California Davis Health System - UCDCM - Molecular and Cytogenetic Laboratory
6RPGG	BRACAnalysis CDx	Myriad Genetics
2FFUG	BRCA AVANTAGE,COMPREHENSIVE	Empire City Laboratories, Inc.

GTU	Test Name	Laboratory Name
3GPZG	BRCA Comprehensive (BRCA 1 and BRCA 2 Seq & Del/Dup Analysis)	Genetics Center - Molecular and Cytogenetic Diagnostic Laboratories
26REG	BRCA Panel (BRCA1, BRCA2)	Palo Verde Laboratory - division of Sonora Quest Lab
2E63G	BRCA Panel (BRCA1, BRCA2)	Quest Diagnostics
7V2JG	BRCA1 & BRCA2 Panel	Baylor Genetics, LLC
55MGG	BRCA1 AND BRCA2 ANALYSIS (SEQUENCING & MLPA FOR BOTH GENES)	Center for Human Genetics, Inc.
5BRJG	BRCA1 and BRCA2 Focus (Sequencing & Deletion/Duplication)	Fulgent Genetics
6U9AG	BRCA1 and BRCA2 Focus Panel (Germline)	NeoGenomics Laboratories
7U27G	BRCA1 and BRCA2 Sequencing and Del/Dup (NGS)	University of Michigan - Michigan Medical Genetics Laboratories
2ELCG	BRCA1 and BRCA2 Sequencing and Deletion/Duplication	Knight Molecular Diagnostic
7QGJG	BRCA1 AND BRCA2, COMPREHENSIVE	Clinical Pathology Laboratories
6UQAG	BRCA1 and BRCA2-Associated HBOC Syndrome Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
7YBUG	BRCA1 and BRCA2-Associated HBOC Syndrome Panel, Sequencing and Deletion/Duplication	University of Illinois at Chicago - Biochemical Genetics Laboratory
6LTEG	BRCA1&2 Analysis	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
79AHG	BRCA1, BRCA2 panel Combi (with MLPA) - NGS Panel (MLPA included)	Centogene
79AJG	BRCA1, BRCA2 panel Plus - NGS Panel (CNV included)	Centogene
2YYZG	BRCA1/2 seq and del/dup	Ambry Genetics
6DTQG	BRCA1/2 Sequencing and Del/Dup Analysis	GeneDx
3D8PG	BRCA1/2 Sequencing and Deletion Duplication Analysis	ACL Laboratories
5FUUG	BRCA1/2: Comprehensive BRCA Analysis by Gene Sequencing with Deletion/Duplication Analysis	Medical Diagnostic Laboratories, LLC
7DLBG	BRCA1/BRCA2 Genes, Full Gene Analysis, Varies	Mayo Clinic Laboratories
6LS6G	BRCAssure : BRCA1 and BRCA2 Comprehensive Analysis	LabCorp
546VG	BRCAssure: BRCA1 / 2 Comprehensive Analysis	Labcorp   Oncology
58G6G	BRCAssure: Comprehensive BRCA1 / 2 Analysis	Integrated Genetics
2C88G	Empower - BRCA1 & BRCA2 Hereditary Cancer Test	Natera



GTU	Test Name	Laboratory Name
7X27G	GxVISION Hereditary Cancer Risk Assessment BRCA1/2 Genes	Otogenetics
57DKG	Hereditary Breast and Ovarian Cancer BRCA1/2 Panel	PreventionGenetics, part of Exact Sciences
32SZG	Hereditary Breast and Ovarian Cancer Syndrome Panel	PerkinElmer Genomics
2V8RG	Integrated BRAC Analysis, EDTA Whole Blood (BRACA 1 & 2 Testing)	Marshfield Labs
6RMHG	Integrated BRACAnalysis	Myriad Genetics
7QDVG	Integrated Reflex BRACAnalysis	Myriad Genetics
442GG	Invitae BRCA1 and BRCA2 Panel	Invitae Corporation
44N2G	Invitae BRCA1 and BRCA2 STAT Panel	Invitae Corporation
7V3GG	OnkoRisk BRCA Panel (Non-NYS)	BioReference Laboratories
7SLMG	PrevenTest, Custom (BRCA1, BRCA2)	Advanced Molecular Diagnostics, LLC
6RN9G	Reflex BRACAnalysis	Myriad Genetics
7B7QG	STAT Hereditary Breast and Ovarian Cancer Syndrome Panel	PerkinElmer Genomics

### BRCA1/2 Sequencing Tests

GTU	Test Name	Laboratory Name
7QGKG	BRCA1 and BRCA2 Sequencing	Clinical Pathology Laboratories
7U26G	BRCA1 and BRCA2 Sequencing (NGS)	University of Michigan - Michigan Medical Genetics Laboratories
79AFG	BRCA1, BRCA2 panel - NGS Panel	Centogene
3SEYG	BRCA1/2 Sequencing Test	Gene by Gene
6UQTG	BRCA1-2 with RNAinsight	Ambry Genetics

### Breast Cancer Prognostic Algorithmic Tests

GTU	Test Name	Laboratory Name
4ZMDG	Breast Cancer Prognostic Gene Signature Assay (Prosigna ), IVD	LabCorp
6UVJG	EndoPredict	Myriad Genetics
49Z2G	MammaPrint	Agendia, Inc.
3265G	PROSIGNA BREAST CANCER PROGNOSTIC GENE SIGNATURE	Empire City Laboratories, Inc.

GTU	Test Name	Laboratory Name
54HTG	Prosigna Breast Cancer Prognostic Gene Signature Assay	Labcorp   Oncology
6UUCG	Prosigna Breast Cancer Prognostic Gene Signature Assay	Quest Diagnostics
2KTBG	Prosigna Breast Cancer Prognostic Gene Signature Assay	Veracyte

### Breast Cancer Treatment and Prognostic Algorithmic Tests

GTU	Test Name	Laboratory Name
2VDEG	Oncotype Dx Breast Cancer Assay	Marshfield Labs
7BNGG	Oncotype DX Breast Recurrence Score Test	Exact Sciences Laboratories, LLC

### Cell-Free Circulating Tumor DNA Cancer Profiling Panel Tests (51 or more genes)

GTU	Test Name	Laboratory Name
7VWVG	Caris Assure	Caris Life Sciences
6R3DG	FoundationOne Liquid CDx	Foundation Medicine
7BZFG	FoundationOne Liquid CDx (For Allina outpatient use only)	Allina Health Laboratory
7ABJG	Guardant360	Guardant Health
6UW6G	Guardant360 CDx	Guardant Health
7Y2RG	Liquid Biopsy	BostonGene
7TMMG	LiquidHALLMARK	Lucence Health
7ACKG	MSK-ACCESS	Memorial Sloan Kettering Cancer Center
7VPQG	Northstar Select	Billion to One
7TXKG	Tempus xF Liquid Biopsy Test, blood	University of Michigan - Michigan Medical Genetics Laboratories
2B64G	Tempus  xF: Liquid Biopsy Panel of 105 Genes	Tempus AI, Inc.
7S8WG	Tempus  xF+: Liquid Biopsy Panel of 523 Genes	Tempus AI, Inc.

### Cell-Free Circulating Tumor DNA Cancer Profiling Panel Tests (5-50 genes)

GTU	Test Name	Laboratory Name
7RWNG	MayoComplete Liquid Biopsy Panel, Next-Generation Sequencing, Cell-Free DNA	Mayo Clinic Laboratories

GTU	Test Name	Laboratory Name
3FYGG	NeoLAB Solid Tumor Liquid Biopsy	NeoGenomics Laboratories
7VQXG	Neuroblastoma Liquid Biopsy Panel (Circulating Tumor DNA)	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
537NG	PGDx elio plasma resolve*	Personal Genome Diagnostics
7UQXG	Plasma Focus	LabCorp

### Cell-Free Circulating Tumor DNA Colorectal Cancer Panel Tests

GTU	Test Name	Laboratory Name
2AHTG	OncoBEAM™ CRC1: KRAS, NRAS, BRAF, HRAS	Symex Inostics, INC

### Cell-Free Circulating Tumor DNA Lung Cancer Panel Tests

GTU	Test Name	Laboratory Name
7ACFG	GeneStrat	Biodesix
7ACGG	GeneStrat NGS	Biodesix
4764G	Genestrat Test	ACL Laboratories
7TRFG	InVisionFirst -Lung Liquid Biopsy	Inivata Ltd
4FGPG	InVisionFirst -Lung Liquid Biopsy	NeoGenomics Laboratories
7RVXG	IQlung Treatment Guidance Testing	Biodesix
28XAG	OncoBEAM™ Lung2: EGFR, KRAS, BRAF	Symex Inostics, INC
6UU4G	Resolution ctDx Lung assay (Liquid Biopsy)	Labcorp   Oncology

### Chromosomal Microarray (SNP and CGH) for Invasive Prenatal Tests

GTU	Test Name	Laboratory Name
2KSUG	511810 Follow-Up Prenatal CMA qPCR	LabCorp
79AMG	CentoArrayCyto 750K - Array CGH (prenatal)	Centogene
79APG	CentoArrayCyto HD - Array CGH (prenatal)	Centogene
2EKCG	Chromosomal Microarray - Prenatal Diagnosis	Knight Molecular Diagnostic
33X4G	Chromosomal Microarray Prenatal (CMAP)	Marshfield Labs
2ETFG	Chromosomal Microarray, Preatal, ClariSure	Johns Hopkins Medical Institutions - Pathology Laboratory

GTU	Test Name	Laboratory Name
6LEBG	Chromosomal Microarray, Prenatal	Hennepin County Medical Center
6R47G	Chromosomal Microarray, Prenatal, Amniotic Fluid/Chorionic Villus Sampling	Mayo Clinic Laboratories
7U36G	Chromosomal Microarray, Prenatal, Amniotic Fluid/Chorionic Villus Sampling	University of Michigan - Michigan Medical Genetics Laboratories
2EQ3G	Chromosomal Microarray, Prenatal, ClariSure Oligo-SNP	Quest Diagnostics
2WTCG	CHROMOSOMAL MICROARRAY,PRENATAL CLARISURE	Empire City Laboratories, Inc.
7U5HG	Cytogenomic SNP Microarray&nbsp;-&nbsp;-&nbsp;Fetal	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
25DWG	Cytogenomic SNP Microarray, Fetal	ARUP Laboratories
4XSNG	Cytogenomic SNP Microarray, Fetal	TriCore Reference Laboratories
3DQXG	Cytogenomic SNP Microarray, Fetal	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
78KYG	Cytogenomic SNP Microarray, Fetal	University of California Davis Health System - UCDCM - Molecular and Cytogenetic Laboratory
2P6UG	Expanded Chromosomal Microarray Analysis - Prenatal - Amniotic Fluid	Baylor Genetics, LLC
4JAVG	Expanded Chromosomal Microarray Analysis - Prenatal - CVS	Baylor Genetics, LLC
5BR7G	Genomic Microarray, Prenatal (Amniotic Fluid or CVS)	ACL Laboratories
7V33G	IriSight™? CNV AnalysisAccepted Specimens	Varietyx, Inc.
7X43G	POC Microarray with 5-Cell Chromosome Analysis	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
7Y5VG	Prenatal chromosomal microarray analysis   CMA	Washington University in St. Louis Pathology Services
328BG	Prenatal Cytogenomic Microarray	University Hospitals
2LEXG	Prenatal Microarray	Greenwood Genetic Center - Molecular Diagnostic Laboratory
7X49G	Prenatal Microarray with Parental Testing	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
7X45G	Prenatal Microarray without Parental Testing	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
6WNXG	Prenatal Whole Genome Chromosomal Microarray	GeneDx
7Y5TG	Products of conception chromosomal microarray analysis   CMA	Washington University in St. Louis Pathology Services

GTU	Test Name	Laboratory Name
6LUQG	Rapid Prenatal Chromosomal Microarray via aCGH and SNP - Prenatal Test	PreventionGenetics, part of Exact Sciences
5BNSG	Reveal SNP Microarray – Prenatal	Integrated Genetics
2EPWG	SNP Array for Prenatal Analysis (aka Microarray)	UCSF Molecular Diagnostics Laboratory
7X47G	SNP Microarray	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
3U6CG	SNP Microarray (Direct)-Prenatal (Reveal)	LabCorp
3N8VG	SNP Microarray-Prenatal (Reveal)	LabCorp

### Chromosomal Microarray (SNP and CGH) for Pregnancy Loss Tests

GTU	Test Name	Laboratory Name
6S7ZG	Anora Miscarriage Test (Fresh)	Natera
2EXPG	Anora Miscarriage Test (Paraffin)	Natera
2EW5G	CGH-POC: Comparative Genomic Hybridization	New Jersey Medical School - Institute of Genomic Medicine
6LRAG	Chromosomal Microarray Analysis (CMA) - Products of Conception	Allina Health Laboratory
6R2VG	Chromosomal Microarray, Autopsy, Products of Conception, or Stillbirth	Mayo Clinic Laboratories
7U37G	Chromosomal Microarray, Autopsy, Products of Conception, or Stillbirth	University of Michigan - Michigan Medical Genetics Laboratories
6R3NG	Chromosomal Microarray, Autopsy/Products of Conception/Stillbirth, Tissue	Mayo Clinic Laboratories
7U35G	Chromosomal Microarray, Autopsy/Products of Conception/Stillbirth, Tissue	University of Michigan - Michigan Medical Genetics Laboratories
2E8MG	Chromosomal Microarray, POC, ClariSure Oligo-SNP	Quest Diagnostics
3PJJG	CHROMOSOMAL MICROARRAY, POC, CLARISURE OLIGO-SNP,POC	Empire City Laboratories, Inc.
3KVVG	Comparative Genomic Hybridization (CGH): Products of Conception (POC)	New Jersey Medical School - Institute of Genomic Medicine
7DK8G	Cytogenomic Molecular Inversion Probe Array FFPE Tissue - Products of Conception	ARUP Laboratories
2EKBG	Genomic Microarray, POC	ACL Laboratories
2EXDG	Genomic SNP Microarray, Products of Conception	ARUP Laboratories

GTU	Test Name	Laboratory Name
7PTBG	Microarray Analysis - PREGNANCY LOSS	Nebraska Medical Center - Molecular Diagnostic Laboratory
2ENDG	Microarray-Products of Conception (POC) Reveal FFPE	LabCorp
2E65G	Microarray-Products of Conception (POC) Reveal FFPE, Data Transfer	LabCorp
7XJG	POC (Products of Conception) Microarray Analysis	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
2M7XG	Pregnancy Loss Chromosomal SNP Microarray	Colorado Genetics Laboratory
3JXFG	Products of Conception Microarray + SNP	Cleveland Clinic Laboratories
4ZPRG	Reveal SNP Microarray – POC	Integrated Genetics
5FU7G	SNP Array for Tissue and POC (aka Microarray)	UCSF Molecular Diagnostics Laboratory
3U6BG	SNP Microarray Products of Conception (POC) / Tissue (Reveal )	LabCorp

### Chromosomal Microarray (SNP and CGH) Tests

GTU	Test Name	Laboratory Name
25SKG	2.7 M SNP Chromosomal Microarray	Nicklaus Children's Hospital - Miami Genetic Laboratories
4LCPG	Array CGH	UAB Cytogenetics Laboratory
3R4MG	Array Comparative Genomic Hybridization	Children's Hospital and Research Center Oakland - Molecular Genetics
2KYRG	Array-based Comparative Genome Hybridization, Genetic Dx.	Stanford Clinical Laboratories - Biochemical Genetics Laboratory
3GPJG	Assure SNP Microarray Analysis (FDA cleared)	CytoGenX
2E8LG	Assure SNP Microarray Analysis (FDA cleared) – Prenatal & Postnatal	CytoGenX
7XJLG	Autopsy Microarray Analysis	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
3AG7G	CGH: Comparative Genomic Hybridization	New Jersey Medical School - Institute of Genomic Medicine
3F5GG	CHROMOSOMAL MICROARRAY	Detroit Medical Center University Laboratories - Molecular Genetics Diagnostic Laboratory

GTU	Test Name	Laboratory Name
4CURG	CHROMOSOMAL MICROARRAY	Fullerton Genetics Center - Mission Health
6XNCG	Chromosomal Microarray (MicroarrayDx)	GeneDx
687XG	Chromosomal Microarray Analysis	Center for Genetic Testing at Saint Francis
38VKG	Chromosomal Microarray Analysis	UCLA Diagnostic Molecular Pathology Laboratory
6NL2G	Chromosomal Microarray Analysis - HR	Baylor Genetics, LLC
2ZAVG	Chromosomal Microarray Analysis - HR + SNP Screen (Comprehensive)	Baylor Genetics, LLC
6LRBG	Chromosomal microarray analysis (CMA) - Blood	Allina Health Laboratory
4DNFG	Chromosomal Microarray Analysis for Constitutional Abnormalities	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
2EW7G	Chromosomal Microarray only	Washington University in St. Louis Pathology Services
53JEG	Chromosomal Microarray SNP, Constitutional	Cleveland Clinic Laboratories
3A53G	Chromosomal Microarray with abbreviated karyotype	Washington University in St. Louis Pathology Services
32EDG	Chromosomal Microarray with concurrent karyotype	Washington University in St. Louis Pathology Services
333GG	Chromosomal Microarray with reflex karyotype	Washington University in St. Louis Pathology Services
4XSMG	Chromosomal Microarray, Congenital, Bld (CMACB)	Marshfield Labs
6R2TG	Chromosomal Microarray, Congenital, Blood	Mayo Clinic Laboratories
7R9LG	Chromosomal Microarray, Hematologic Malignancy, ClariSure Oligo-SNP (90961)	Rady Children's Institute for Genomic Medicine
2Z55G	Chromosomal Microarray, POC FFPE, ClariSure Oligo-SNP	Quest Diagnostics
8EJVG	Chromosomal Microarray, POC, ClariSure Oligo-SNP	Medfusion
8EPBG	Chromosomal Microarray, Postnatal Familial Follow-up, ClariSure Oligo-SNP	Quest Diagnostics
2ETDG	Chromosomal Microarray, Postnatal, ClariSure Oligo-SNP	Quest Diagnostics
2E8NG	Chromosomal Microarray, Postnatal, ClariSure Oligo-SNP (16478)	Rady Children's Institute for Genomic Medicine
2EP9G	Chromosomal SNP Microarray	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
2BG9G	Chromosomal SNP Microarray	Seattle Children's Hospital
68Y6G	Chromosome Array (aCGH)	Center for Genetic Testing at Saint Francis
2DXNG	Chromosome Microarray	Palo Verde Laboratory - division of Sonora Quest Lab

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>53TQG</b>	Chromosome Microarray	University of Virginia Health System
<b>54CPG</b>	Chromosome Microarray Analysis	Molecular Diagnosis - University of Rochester Medical Center - Strong Memorial Hospital
<b>2ELZG</b>	Chromosome Microarray Analysis - Constitutional	John Hopkins All Children's Hospital
<b>7S97G</b>	Chromosome Microarray, Congenital	Sanford USD Medical Center - Sanford Clinic USD Genetics Laboratory
<b>2DYKG</b>	CHROMOSOME MICROARRAY, POSTNATAL	Empire City Laboratories, Inc.
<b>7QHSG</b>	CHROMOSOME SNP MICROARRAY	University of Texas Medical Branch - UTMB - Porphyrria Laboratory
<b>5FQBG</b>	Chromosome Specific Interphase FISH	Center for Genetic Testing at Saint Francis
<b>7X4CG</b>	CNS Tumor Classification by Methylation Array	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
<b>2LLCG</b>	Combimatrix Combi SNP Array Tissue	Norton CPA Lab
<b>2FNJG</b>	Compar Genomic Hybrid-SNP	Norton CPA Lab
<b>2EPKG</b>	Comparative Genomic Hybridization (CGH):Mental Retardation/ Developmental Delay	New Jersey Medical School - Institute of Genomic Medicine
<b>7WJHG</b>	Constitutional Chromosomal Microarray (Copy Number)	University of Minnesota Physicians Outreach Laboratory
<b>6T6QG</b>	Constitutional Chromosomal Microarray Analysis – Peripheral Blood	Indiana University Molecular Genetics Diagnostic Laboratory - Indiana University Medical Center, School of Medicine
<b>2E7LG</b>	Constitutional Chromosomal Microarray Analysis (CMA)	Indiana University School of Medicine - Cytogenetics Laboratory
<b>7WBMG</b>	Constitutional Limited Chromosomal Microarray (Copy number only) (Charged)	University of Minnesota Physicians Outreach Laboratory
<b>7WPQG</b>	Constitutional or Products of Conception (POC) Chromosomal Microarray (Copy Number/SNP)	University of Minnesota Physicians Outreach Laboratory
<b>2ETHG</b>	Constitutional SNP Array Karyotyping, Constitutional Chromosome Microarray Analysis (CMA)	Beaumont Laboratories - Molecular Pathology Lab
<b>2M4WG</b>	Cytogenomic Microarray Analysis	University of Washington Medicine - Pathology - Cytogenetics and Genomics Laboratory
<b>49JCG</b>	Cytogenomic Microarray Analysis of Postnatal Blood	Akron Children's Hospital
<b>7W9QG</b>	Cytogenomic Microarray SNP Fetal	University of Minnesota Physicians Outreach Laboratory
<b>49W6G</b>	Cytogenomic SNP array (postnatal)	The University of Chicago Genetic Services
<b>2E3BG</b>	Cytogenomic SNP Microarray	ARUP Laboratories
<b>8EBHG</b>	Cytogenomic SNP Microarray	Medfusion



GTU	Test Name	Laboratory Name
2MTFG	Cytogenomic SNP Microarray	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
2X3MG	Cytogenomic SNP Microarray	University of California Davis Health System - UCDCM - Molecular and Cytogenetic Laboratory
7XL3G	Cytogenomic SNP Microarray	University of Illinois at Chicago - Biochemical Genetics Laboratory
7U9JG	Cytogenomic SNP Microarray	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
2542G	Cytogenomic SNP Microarray Buccal Swab	ARUP Laboratories
2D5QG	FirstStepDx PLUS	Bionano Laboratories
7UHHG	Genomic Microarray Analysis - Parental study, Genome Wide Array	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
3MA8G	Genomic Microarray, Blood	ACL Laboratories
2ENHG	Genomic SNP Microarray, Products of Conception	University of California Davis Health System - UCDCM - Molecular and Cytogenetic Laboratory
7UHKG	Genomic SNP Microarray, Products of Conception	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
2ETGG	Illumina Global Screening Array Sequencing Test	Gene by Gene
2EQNG	Illumina Microarray Analysis	University of Wisconsin - Madison WSLH - UW Cytogenetic Services
2EMZG	Illumina Microarray Analysis- Targeted Family	University of Wisconsin - Madison WSLH - UW Cytogenetic Services
7TG6G	Invitae Chromosomal Microarray Analysis (CMA)	Invitae Corporation
2EMYG	Invitae Chromosomal Microarray Analysis (CMA) with follow-up FISH when required	Invitae Corporation
7QHGG	LV CYTOGENOMIC SNP MICROARRAY	Clinical Pathology Laboratories
3UUJG	Micro Array: Comparative Genomic Hybridization (aCGH) with SNP	University of Florida - Health Pathology Laboratories
346KG	MICROARRAY : FAMILY STUDY	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
332TG	Microarray : SNP	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
3LQLG	Microarray Analysis - CytoScan SNP	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
7PTDG	Microarray Analysis - MALIGNANCY TESTING	Nebraska Medical Center - Molecular Diagnostic Laboratory
7PTAG	Microarray Analysis - POSTNATAL	Nebraska Medical Center - Molecular Diagnostic Laboratory

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>6LCFG</b>	Microarray Analysis With Interpretation	Hennepin County Medical Center
<b>32YYG</b>	MICROARRAY CGH, WHOLE GENOME(OLIGO)	Ann and Robert Lurie Children's Hospital of Chicago
<b>54P3G</b>	Microarray Single Nucleotide Polymorphism	Molecular Diagnosis - University of Rochester Medical Center - Strong Memorial Hospital
<b>4QK2G</b>	Microarray/aCGH	Genetic Associates
<b>7A2PG</b>	POC Microarray Analysis	ProPath
<b>2DYJG</b>	Postnatal Chromosomal SNP Microarray	Colorado Genetics Laboratory
<b>6NNJG</b>	Rapid Chromosomal Microarray via aCGH and SNP Test	PreventionGenetics, part of Exact Sciences
<b>59WPG</b>	Rapid microarray (CGH and SNP)	Allele Diagnostics
<b>3PL6G</b>	Reflex microarray if chromosomes are normal	Genetic Associates
<b>2EKFG</b>	Reflex to SNP Array	UCSF Molecular Diagnostics Laboratory
<b>2DYMG</b>	Reveal SNP Microarray Pediatric	Integrated Genetics
<b>2EN4G</b>	SNP Array	Ambry Genetics
<b>5FU8G</b>	SNP Array for Blood Analysis (aka Microarray)	UCSF Molecular Diagnostics Laboratory
<b>7XWXG</b>	SNP Array for Cancer Analysis	UCSF Molecular Diagnostics Laboratory
<b>2DYGG</b>	SNP Array, Family Follow-Up	UCSF Molecular Diagnostics Laboratory
<b>54CTG</b>	SNP CHIP (6.0) WHOLE GENOME COPY NUMBER ANALYSIS	Center for Human Genetics, Inc.
<b>3GSDG</b>	SNP LOH STUDIES	Center for Human Genetics, Inc.
<b>2L3GG</b>	SNP Microarray	Shodair Children's Hospital - Genetics Laboratory
<b>2Z5JG</b>	SNP Microarray Pediatric	Integrated Regional Laboratories
<b>2EKEG</b>	SNP microarray Processing, Extraction and Storage	UCSF Molecular Diagnostics Laboratory
<b>49AAG</b>	SNP Microarray when Routine Chrom or High Res and Fragile X have ALREADY been billed	Center for Human Genetics, Inc.
<b>2EQQG</b>	SNP Microarray-Pediatric (Reveal)	LabCorp
<b>52MEG</b>	SNP Oligonucleotide Microarray Analysis (SOMA)	Columbia University - Personalized Genomic Medicine
<b>6NNKG</b>	Whole-Genome Chromosomal Microarray (CMA-ISCA) via the aCGH and SNP Test	PreventionGenetics, part of Exact Sciences

## Colorectal Cancer Prognostic Algorithmic Tests <sup>1</sup>

GTU	Test Name	Laboratory Name
7S9GG	miR-31now	GoPath Laboratories
7BNJG	Oncotype DX® Colon Recurrence Score Test	Exact Sciences Laboratories, LLC

## Comprehensive Arrhythmia & Cardiomyopathy (Sudden Cardiac or Unexplained Death) Panel Tests

GTU	Test Name	Laboratory Name
7VV4G	Arrhythmia and Cardiomyopathy Comprehensive Panel	The University of Chicago Genetic Services
23DQG	Cardiomyopathy and Arrhythmia Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
2DTLG	Cardiomyopathy and Arrhythmia Sequencing Panel	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
7TP5G	CardioNext: Arrhythmia	Ambry Genetics
77BXG	CardioNext: Cardiomyopathy	Ambry Genetics
2LRSB	Combined Cardiac Panel	GeneDx
7SCFG	Comprehensive Arrhythmia and Cardiomyopathy Gene Panel, Varies	Mayo Clinic Laboratories
3FQNG	Comprehensive Cardiac Arrhythmia/Cardiomyopathy Panel	Northwest Clinical Genomics Lab
438XG	Invitae Arrhythmia and Cardiomyopathy Comprehensive Panel	Invitae Corporation
7DR2G	Invitae Arrhythmia and Cardiomyopathy Comprehensive Panel - UNLOCKCARDIO	Invitae Corporation
43H3G	Invitae Arrhythmia and Cardiomyopathy Comprehensive Panel-Add-on Preliminary-evidence Genes for Arrhythmia and Cardiomyopathy	Invitae Corporation
7QKVG	Invitae Arrhythmia and Cardiomyopathy Comprehensive Panel-Add-on Preliminary-evidence Genes for Arrhythmia and Cardiomyopathy - UNLOCKCARDIO	Invitae Corporation
43F5G	Invitae Arrhythmia and Cardiomyopathy Comprehensive Panel-Add-on Sudden Unexpected Death in Epilepsy (SUDEP) Genes	Invitae Corporation
7QL3G	Invitae Arrhythmia and Cardiomyopathy Comprehensive Panel-Add-on Sudden Unexpected Death in Epilepsy (SUDEP) Genes - UNLOCKCARDIO	Invitae Corporation
7UY6G	Postmortem Cardiomyopathy and Arrhythmia Gene Panel, Tissue	Mayo Clinic Laboratories

GTU	Test Name	Laboratory Name
4XFMG	Sudden Death Syndrome NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
77CZG	Sudden Death Syndrome NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
77U8G	Sudden Death Syndrome NGS Panel (Sequencing Only)	Fulgent Genetics

### Comprehensive Cardiomyopathy Panel Tests

GTU	Test Name	Laboratory Name
7VAEG	Cardiomyopathy NGS Panel	AiLife Diagnostics
7VAFG	Cardiomyopathy NGS Panel Rapid	AiLife Diagnostics
4MUVG	Cardiomyopathy Panel	Northwest Clinical Genomics Lab
7DMVG	Cardiomyopathy Panel	Washington University in St. Louis Genomics and Pathology Services
45LWG	Cardiomyopathy Pediatric Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
79PLG	Centocardio - NGS Panel (CNV included)	Centogene
2YZFG	CMNext	Ambry Genetics
28S8G	Comp Cardiomyopathy Panel	Johns Hopkins Medical Institutions - Pathology Laboratory
2BXWG	Comprehensive Cardiomyopathy (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
7SCCG	Comprehensive Cardiomyopathy Gene Panel, Varies	Mayo Clinic Laboratories
3XZHG	Comprehensive Cardiomyopathy NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
25DLG	Comprehensive Cardiomyopathy NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
33E5G	Comprehensive Cardiomyopathy NGS Panel (Sequencing Only)	Fulgent Genetics
345YG	Comprehensive Cardiomyopathy Panel	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
332EG	Comprehensive Cardiomyopathy Panel	Knight Molecular Diagnostic
7DQHG	Comprehensive Cardiomyopathy Panel	PerkinElmer Genomics
56ZPG	GeneSeq Cardio Familial Cardiomyopathy Panel	LabCorp
3GBZG	GeneSeq : Cardio-Familial Cardiomyopathy Profile	Integrated Genetics
5FWFG	Invitae Cardiomyopathy Comprehensive Panel	Invitae Corporation

GTU	Test Name	Laboratory Name
3YNXG	Invitae Cardiomyopathy Comprehensive Panel - LYSO	Invitae Corporation
24WTG	Invitae Cardiomyopathy Comprehensive Panel-Add-on Preliminary-evidence Genes for Cardiomyopathy	Invitae Corporation
3YRRG	Invitae Cardiomyopathy Comprehensive Panel-Add-on Preliminary-evidence Genes for Cardiomyopathy - LYSO	Invitae Corporation
5U3FG	Pan Cardiomyopathy (92 genes) Deletion/Duplication Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
2G3NG	Pan Cardiomyopathy (92 genes) NGS + Sanger fill-in Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
5638G	Pan Cardiomyopathy (92 genes) NGS Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
7BLQG	Pan Cardiomyopathy Panel	Johns Hopkins Medical Institutions - Pathology Laboratory
57C9G	Pan Cardiomyopathy Panel	PreventionGenetics, part of Exact Sciences
7UHGG	Pan Cardiomyopathy Panel (62 Genes)	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
7UY7G	Postmortem Cardiomyopathy Gene Panel, Tissue	Mayo Clinic Laboratories
7B77G	STAT Comprehensive Cardiomyopathy Panel	PerkinElmer Genomics

### Dilated Cardiomyopathy (DCM) Panel Tests

GTU	Test Name	Laboratory Name
2YW9G	DCMNext	Ambry Genetics
5NAGG	Dilated & Arrhythmogenic Cardiomyopathy NGS Panel	Greenwood Genetic Center - Molecular Diagnostic Laboratory
3JZVG	Dilated Cardiomyopathy – DCM (52 genes) Deletion/Duplication Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
2FP7G	Dilated Cardiomyopathy – DCM (52 genes) NGS + Sanger fill-in Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
3CBJG	Dilated Cardiomyopathy – DCM (52 genes) NGS Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
3XP4G	Dilated Cardiomyopathy (DCM) Panel	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
7DMXG	Dilated Cardiomyopathy (DCM) Panel	Washington University in St. Louis Genomics and Pathology Services
7SC4G	Dilated Cardiomyopathy and Left Ventricular Noncompaction Cardiomyopathy Gene Panel, Varies	Mayo Clinic Laboratories

GTU	Test Name	Laboratory Name
7VUXG	Dilated Cardiomyopathy and Left Ventricular Noncompaction Panel	The University of Chicago Genetic Services
44D6G	Dilated Cardiomyopathy NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
25DFG	Dilated Cardiomyopathy NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
3CJ3G	Dilated Cardiomyopathy NGS Panel (Sequencing Only)	Fulgent Genetics
3CBUG	Dilated Cardiomyopathy Panel	Knight Molecular Diagnostic
7XHEG	Dilated Cardiomyopathy Panel	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
3XNVG	Dilated Cardiomyopathy Panel	PerkinElmer Genomics
5CZ6G	Dilated Cardiomyopathy Panel	PreventionGenetics, part of Exact Sciences
2KTAG	Dilated Cardiomyopathy Panel, Sequencing	ARUP Laboratories
3XPBG	Dilated Cardiomyopathy Sequencing Panel with CNV Detection: Institution-Specific	PreventionGenetics, part of Exact Sciences
2KYQG	Invitae Dilated Cardiomyopathy and Left Ventricular Noncompaction Panel	Invitae Corporation
5FWEG	Invitae Dilated Cardiomyopathy and Left Ventricular Noncompaction Panel-Add-on Preliminary-evidence Genes for Dilated Cardiomyopathy and Left Ventricular Noncompaction	Invitae Corporation
7B78G	STAT Dilated Cardiomyopathy Panel	PerkinElmer Genomics

### Dystonia Panel Tests

GTU	Test Name	Laboratory Name
77W5G	Basal Ganglia Calcification Dystonia (NGS Panel and Copy Number Analysis)	MNG Laboratories
5X7HG	Complete Dopa-Responsive Dystonia (DYT5) Evaluation	Athena Diagnostics Inc
78DLG	Comprehensive Dystonia (NGS Panel and Copy Number Analysis + mtDNA + HTT Repeat Expansion Analysis)	MNG Laboratories
77FMG	Comprehensive Dystonia (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
249UG	Dopa-Responsive Dystonia (NGS Panel and Copy Number Analysis)	MNG Laboratories

GTU	Test Name	Laboratory Name
6FW7G	Dopa-Responsive Dystonia NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
6CT3G	Dopa-Responsive Dystonia NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
3PSFG	Dopa-Responsive Dystonia NGS Panel (Sequencing Only)	Fulgent Genetics
6USCG	Dystonia Chorea Parkinson Exome	The University of Chicago Genetic Services
4WB4G	Dystonia Dyskinesia NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
76VXG	Dystonia Dyskinesia NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
76WNG	Dystonia Dyskinesia NGS Panel (Sequencing Only)	Fulgent Genetics
5JVSG	Dystonia Exome	The University of Chicago Genetic Services
775XG	Dystonia Panel	GeneDx
775BG	Dystonia Panel	Knight Molecular Diagnostic
77JMG	Dystonia Panel	PerkinElmer Genomics
78FUG	Dystonia Panel	PreventionGenetics, part of Exact Sciences
778BG	Invitae Dystonia Comprehensive Panel	Invitae Corporation
76S3G	Invitae Dystonia Comprehensive Panel-Add-on Preliminary-evidence Genes for Dystonia	Invitae Corporation
4SRKG	Isolated Dystonia Evaluation	Athena Diagnostics Inc
5X6QG	Myoclonic Dystonia Panel	PerkinElmer Genomics
77MVG	OXPHOS Defect Dystonia (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
76Q3G	Primary Dystonia (NGS Panel and Copy Number Analysis)	MNG Laboratories
7AYEG	STAT Dystonia Panel	PerkinElmer Genomics
7AYCG	STAT Myoclonic Dystonia Panel	PerkinElmer Genomics

### Epilepsy and Seizure Disorder Panel Tests

GTU	Test Name	Laboratory Name
65CUG	Actionable Epilepsy NGS Panel (Deletion/Duplication Only)	Fulgent Genetics

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>78D5G</b>	Actionable Epilepsy NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>76Y6G</b>	Actionable Epilepsy NGS Panel (Sequencing Only)	Fulgent Genetics
<b>3UT6G</b>	Adolescent/Adult Epilepsy NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
<b>78BJG</b>	Adolescent/Adult Epilepsy NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>77UVG</b>	Adolescent/Adult Epilepsy NGS Panel (Sequencing Only)	Fulgent Genetics
<b>3PZ5G</b>	Childhood Epilepsy NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
<b>77UAG</b>	Childhood Epilepsy NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>76X5G</b>	Childhood Epilepsy NGS Panel (Sequencing Only)	Fulgent Genetics
<b>784QG</b>	Childhood Epilepsy Panel	Knight Molecular Diagnostic
<b>87ASG</b>	Clinical Epilepsy NGS Panel	LabCorp
<b>78L9G</b>	Clinical Epilepsy NGS Panel	MNG Laboratories
<b>77ASG</b>	Comprehensive Epilepsy (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
<b>73X4G</b>	Comprehensive Epilepsy NGS Panel	LabCorp
<b>78KDG</b>	Comprehensive Epilepsy Panel	GeneDx
<b>778XG</b>	Comprehensive Epilepsy Panel	PerkinElmer Genomics
<b>7UUBG</b>	Comprehensive Epilepsy Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
<b>7BNUG</b>	Comprehensive Epilepsy With or Without Encephalopathy Gene Panel, Varies	Mayo Clinic Laboratories
<b>78FGG</b>	Early Infantile Epileptic Encephalopathy (EIEE) Panel	The University of Chicago Genetic Services
<b>77FPG</b>	Early Infantile Epileptic Encephalopathy Panel	PreventionGenetics, part of Exact Sciences
<b>5DRKG</b>	Early Onset Epileptic Encephalopathy NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
<b>78CPG</b>	Early Onset Epileptic Encephalopathy NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>77TTG</b>	Early Onset Epileptic Encephalopathy NGS Panel (Sequencing Only)	Fulgent Genetics



<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>77GTG</b>	Epilepsy Advanced Sequencing and CNV Evaluation	Athena Diagnostics Inc
<b>78FNG</b>	Epilepsy Advanced Sequencing and CNV Evaluation - Epileptic Encephalopathy	Athena Diagnostics Inc
<b>77J4G</b>	Epilepsy Advanced Sequencing and CNV Evaluation - Generalized, Absence, Focal, Febrile and Myoclonic Epilepsies	Athena Diagnostics Inc
<b>77HNG</b>	Epilepsy Advanced Sequencing and CNV Evaluation - Infantile Spasms	Athena Diagnostics Inc
<b>78FPG</b>	Epilepsy Advanced Sequencing and CNV Evaluation - Intellectual Disability	Athena Diagnostics Inc
<b>77HQG</b>	Epilepsy Advanced Sequencing and CNV Evaluation - Syndromic Disorders	Athena Diagnostics Inc
<b>7DP9G</b>	Epilepsy and Seizure Panel	PreventionGenetics, part of Exact Sciences
<b>5DSFG</b>	Epilepsy Comprehensive NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
<b>7724G</b>	Epilepsy Comprehensive NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>77D4G</b>	Epilepsy Comprehensive NGS Panel (Sequencing Only)	Fulgent Genetics
<b>6DDAG</b>	Epilepsy Deletion/Duplication Panel	GeneDx
<b>77GZG</b>	Epilepsy Exome	The University of Chicago Genetic Services
<b>772EG</b>	EPILEPSY GENE PANEL COMPREHENSIVE	Ann and Robert Lurie Children's Hospital of Chicago
<b>77HKG</b>	EPILEPSY GENE PANEL, COMPREHENSIVE WHEN ADFLE GENES NEGATIVE	Ann and Robert Lurie Children's Hospital of Chicago
<b>772DG</b>	EPILEPSY GENE PANEL, COMPREHENSIVE WHEN INFANTILE PANEL NEGATIVE	Ann and Robert Lurie Children's Hospital of Chicago
<b>78FKG</b>	EPILEPSY GENE PANEL, COMPREHENSIVE WHEN THERAPEUTIC PANEL NEGATIVE	Ann and Robert Lurie Children's Hospital of Chicago
<b>77HJG</b>	EPILEPSY GENE PANEL, INFANTILE	Ann and Robert Lurie Children's Hospital of Chicago
<b>34NLG</b>	EPILEPSY GENE PANEL, NOCTURNAL FRONTAL LOBE	Ann and Robert Lurie Children's Hospital of Chicago
<b>77YAG</b>	EPILEPSY GENE PANEL, THERAPEUTIC	Ann and Robert Lurie Children's Hospital of Chicago
<b>7V2RG</b>	Epilepsy Panel	Baylor Genetics, LLC
<b>78FEG</b>	Epilepsy Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
<b>7XHKG</b>	Epilepsy Panel	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>79Q4G</b>	Epilepsy panel - NGS Panel (CNV included)	Centogene
<b>77Y5G</b>	Epilepsy/Seizure NGS Panel	Greenwood Genetic Center - Molecular Diagnostic Laboratory
<b>77LQG</b>	Epilepsy/Seizures panel	Knight Molecular Diagnostic
<b>78G2G</b>	EpilepsyNext	Ambry Genetics
<b>78GSG</b>	EpilepsyNext-Expanded	Ambry Genetics
<b>776GG</b>	Epileptic Encephalopathy (NGS Panel and Copy Number Analysis)	MNG Laboratories
<b>86PAG</b>	EpiPanelDxPLUS	Bionano Laboratories
<b>772UG</b>	EpiRapid	Ambry Genetics
<b>775EG</b>	EpiXpanded Panel	GeneDx
<b>6YMKG</b>	Genomic Unity Epilepsy Analysis	Varietyx, Inc.
<b>77P9G</b>	Infantile Epilepsy Panel	Knight Molecular Diagnostic
<b>787MG</b>	Infantile Epilepsy Panel	PerkinElmer Genomics
<b>3Q7DG</b>	Infantile Spasms NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
<b>76XZG</b>	Infantile Spasms NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>76WJG</b>	Infantile Spasms NGS Panel (Sequencing Only)	Fulgent Genetics
<b>76TEG</b>	Invitae Epilepsy Panel	Invitae Corporation
<b>7WZ6G</b>	Invitae Epilepsy Panel - UNLOCKBTS	Invitae Corporation
<b>7834G</b>	Invitae Epilepsy Panel-Add-on Preliminary-evidence Genes for Epilepsy	Invitae Corporation
<b>7WZ7G</b>	Invitae Epilepsy Panel-Add-on Preliminary-evidence Genes for Epilepsy - UNLOCKBTS	Invitae Corporation
<b>5DQXG</b>	Neonatal Epilepsy NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
<b>77VEG</b>	Neonatal Epilepsy NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>77VNG</b>	Neonatal Epilepsy NGS Panel (Sequencing Only)	Fulgent Genetics
<b>78HSG</b>	PGmax™ - Comprehensive Epilepsy and Seizure Panel	PreventionGenetics, part of Exact Sciences
<b>77XKG</b>	PGXome Custom - Early Epileptic Encephalopathy, Dominant and X-linked	PreventionGenetics, part of Exact Sciences
<b>7764G</b>	PGXome Custom - Early Infantile Epileptic Encephalopathy, Dominant and X-linked	PreventionGenetics, part of Exact Sciences

GTU	Test Name	Laboratory Name
78EUG	PGXome Custom - Early Infantile Epileptic Encephalopathy, Recessive	PreventionGenetics, part of Exact Sciences
7B4AG	STAT Comprehensive Epilepsy Panel	PerkinElmer Genomics
7V2QG	STAT Epilepsy Panel	Baylor Genetics, LLC
7AY4G	STAT Infantile Epilepsy Panel	PerkinElmer Genomics

### Evidence-Based Lung Cancer Diagnostic Algorithmic Tests

GTU	Test Name	Laboratory Name
6USVG	Nodify XL2	Biodesix

### Exome Sequencing Tests

GTU	Test Name	Laboratory Name
7AY2G	Add Familial Report to Previous Whole Exome Sequencing TRIO Test	PerkinElmer Genomics
79AQG	CentoDx - NGS Panel	Centogene
79ARG	CentoLCV - NGS Panel (CNV included)	Centogene
46YFG	CHOP Medical Exome	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
46WXG	CHOP Medical Exome + MitoGenome Combined Test	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
6RG2G	Chromosomal Sequencing Analysis (Sequencing & Deletion/Duplication)	Fulgent Genetics
77JAG	Clinical Exome (Sequencing & Del/Dup) Trio	Fulgent Genetics
77YSG	Clinical Exome (Sequencing & Deletion/Duplication)	Fulgent Genetics
78GBG	Clinical Exome (Sequencing Only)	Fulgent Genetics
7XYWG	Clinical Exome (Sequencing) Trio	DNA Diagnostic Laboratory - Johns Hopkins Hospital
78GCG	Clinical Exome (Sequencing) Trio	Fulgent Genetics
7BMXG	Clinical Exome (Sequencing) Trio	Johns Hopkins Medical Institutions - Pathology Laboratory
24C9G	Clinical Exome Sequencing - Duo (Proband and 1 family member)	UCLA Diagnostic Molecular Pathology Laboratory

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>2WCZG</b>	Clinical Exome Sequencing - Exome re-analysis	UCLA Diagnostic Molecular Pathology Laboratory
<b>33B2G</b>	Clinical Exome Sequencing - Family Trio (Proband and two family members preferred)	UCLA Diagnostic Molecular Pathology Laboratory
<b>2XH2G</b>	Clinical Exome Sequencing - Individual/Proband only	UCLA Diagnostic Molecular Pathology Laboratory
<b>2ZN9G</b>	Clinical Exome Sequencing - Quad (Proband and 3 family members)	UCLA Diagnostic Molecular Pathology Laboratory
<b>7XYZG</b>	Clinical Exome Sequencing (Duo)	DNA Diagnostic Laboratory - Johns Hopkins Hospital
<b>7BMKG</b>	Clinical Exome Sequencing (Duo)	Johns Hopkins Medical Institutions - Pathology Laboratory
<b>7XYYG</b>	Clinical Exome Sequencing (Proband Only)	DNA Diagnostic Laboratory - Johns Hopkins Hospital
<b>7BMVG</b>	Clinical Exome Sequencing (Proband Only)	Johns Hopkins Medical Institutions - Pathology Laboratory
<b>7XYXG</b>	Clinical Exome Sequencing (Quad)	DNA Diagnostic Laboratory - Johns Hopkins Hospital
<b>7BMWG</b>	Clinical Exome Sequencing (Quad)	Johns Hopkins Medical Institutions - Pathology Laboratory
<b>7Y9GG</b>	Columbia Diagnostic Exome (CDEX)	Columbia University - Personalized Genomic Medicine
<b>7TYRG</b>	Critical Trio Whole Exome Sequencing	University of Michigan - Michigan Medical Genetics Laboratories
<b>7VBYG</b>	Duo Exome	AiLife Diagnostics
<b>86SUG</b>	Duo Whole Exome Sequencing	Baylor Genetics, LLC
<b>7YA5G</b>	Exome Analysis	Children's Hospital Colorado Precision Diagnostics Laboratory
<b>3V27G</b>	Exome Select	The University of Chicago Genetic Services
<b>7UNTG</b>	Exome Sequencing	ARUP Laboratories
<b>7VSBG</b>	Exome Sequencing	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>2KSYG</b>	Exome Sequencing (Proband Only)	The University of Chicago Genetic Services
<b>2G2KG</b>	Exome Sequencing (Proband)	Northwest Clinical Genomics Lab
<b>4GMQG</b>	Exome Sequencing (Trio)	The University of Chicago Genetic Services
<b>4M9ZG</b>	Exome Sequencing Comparator	Northwest Clinical Genomics Lab
<b>2WWZG</b>	Exome Sequencing Re-analysis	Northwest Clinical Genomics Lab
<b>7VSAG</b>	Exome Sequencing Result	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>53RNG</b>	Exome Sequencing Symptom-Guided Analysis	UCSD - Molecular Diagnostics & Cytogenetics Laboratory

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>4N3SG</b>	Exome Sequencing Trio	Northwest Clinical Genomics Lab
<b>7UNSG</b>	Exome Sequencing, Familial Control	ARUP Laboratories
<b>46SRG</b>	Exome, Family Member	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
<b>2YZMG</b>	ExomeNext-Duo	Ambry Genetics
<b>28FHG</b>	ExomeNext-Duo plus mtDNA	Ambry Genetics
<b>2YZRG</b>	ExomeNext-Proband	Ambry Genetics
<b>2YZQG</b>	ExomeNext-Proband plus mtDNA	Ambry Genetics
<b>2YZVG</b>	ExomeNext-Trio	Ambry Genetics
<b>5U8XG</b>	ExomeNext-Trio plus mtDNA	Ambry Genetics
<b>7XW6G</b>	ExomeReveal™	Ambry Genetics
<b>33Z3G</b>	ExomeSeq - Whole Exome Sequencing	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
<b>7TLGG</b>	Expanded Exome Upgrade per Sample	Praxis Genomics, LLC
<b>7TLMG</b>	Expanded Exome, 4 Sample	Praxis Genomics, LLC
<b>7TLKG</b>	Expanded Exome, Duo	Praxis Genomics, LLC
<b>7TLJG</b>	Expanded Exome, Proband	Praxis Genomics, LLC
<b>7TLLG</b>	Expanded Exome, Trio	Praxis Genomics, LLC
<b>7A7AG</b>	Family Member Comparator Specimen for Exome Sequencing, Varies	Mayo Clinic Laboratories
<b>7WZQG</b>	Family Targeted Testing	AiLife Diagnostics
<b>7XW3G</b>	GeneDx Epilepsy Partnership – XomeDx® - Duo	GeneDx
<b>7XW4G</b>	GeneDx Epilepsy Partnership – XomeDx® - Proband	GeneDx
<b>7XW5G</b>	GeneDx Epilepsy Partnership – XomeDx® - Trio	GeneDx
<b>6ZSHG</b>	Genomic Unity Exome Analysis	Varietyx, Inc.
<b>7ABTG</b>	Genomic Unity Exome Plus Analysis	Varietyx, Inc.
<b>2BFBG</b>	GML Exome Family Member Peripheral blood draw	UCSF Molecular Diagnostics Laboratory
<b>7WADG</b>	Hereditary Exome Family Member	University of Minnesota Physicians Outreach Laboratory
<b>78GXG</b>	IMMUNOLOGY EXOME	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>6S7CG</b>	Invitae Exome, Duo	Invitae Corporation
<b>6S7DG</b>	Invitae Exome, Proband-Only	Invitae Corporation
<b>6RLHG</b>	MNG Exome Additional Comparator (only available when trio is ordered)	MNG Laboratories
<b>6RLRG</b>	MNG Exome DUO Sequencing	MNG Laboratories
<b>78DUG</b>	MNG Exome DUO Sequencing + mtDNA	MNG Laboratories
<b>6RLPG</b>	MNG Exome Proband Only Sequencing	MNG Laboratories
<b>6RLJG</b>	MNG Exome Proband Only Sequencing + mtDNA	MNG Laboratories
<b>6RGKG</b>	MNG Exome TRIO Sequencing	MNG Laboratories
<b>77FXG</b>	MNG Exome TRIO Sequencing + mtDNA	MNG Laboratories
<b>4AVGG</b>	NextStepDx PLUS	Bionano Laboratories
<b>7YA4G</b>	Panel Reflex to Exome Analysis	Children's Hospital Colorado Precision Diagnostics Laboratory
<b>5E4FG</b>	PGxome Diagnostic Exome Test - Duo	PreventionGenetics, part of Exact Sciences
<b>5E5HG</b>	PGxome Diagnostic Exome Test - Trio	PreventionGenetics, part of Exact Sciences
<b>5E3RG</b>	PGxome Diagnostic Exome Test Patient Only	PreventionGenetics, part of Exact Sciences
<b>6LUFG</b>	PGxome Prenatal Exome Test - Duo	PreventionGenetics, part of Exact Sciences
<b>5NGYG</b>	PGxome Prenatal Exome Test - Trio	PreventionGenetics, part of Exact Sciences
<b>6LUGG</b>	PGxome Prenatal Exome Test Patient Only	PreventionGenetics, part of Exact Sciences
<b>6QZHG</b>	Prenatal Exome Sequencing	Greenwood Genetic Center - Molecular Diagnostic Laboratory
<b>7BM3G</b>	PRENATAL EXOMESEQ	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
<b>55S7G</b>	Prenatal Trio Whole Exome Sequencing	Baylor Genetics, LLC
<b>7VBUG</b>	Proband Exome	AiLife Diagnostics
<b>2ZBFG</b>	Proband Whole Exome Sequencing	Baylor Genetics, LLC
<b>27YXG</b>	Proband Whole Exome Sequencing + Chromosomal Microarray Analysis (CMA) (Comprehensive)	Baylor Genetics, LLC
<b>76VCG</b>	Proband Whole Exome Sequencing + Comprehensive mtDNA Analysis	Baylor Genetics, LLC
<b>7XAXG</b>	Rapid Whole Exome Sequencing Patient Only	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>2BJCG</b>	Reanalysis and Interpretation for WES (Internal)	PerkinElmer Genomics
<b>2LFVG</b>	REFLEX to Exome Sequencing	Northwest Clinical Genomics Lab
<b>6DM5G</b>	Reflex to Whole Exome after Slice (Proband Only)	GeneDx
<b>365BG</b>	Reflex to Whole Exome after Slice (Trio)	GeneDx
<b>7B6CG</b>	Reflex to Whole Exome Sequencing (from panel)	PerkinElmer Genomics
<b>2G7GG</b>	Sequential Trio Whole Exome Sequencing	Baylor Genetics, LLC
<b>7X4AG</b>	Somatic Disease/Germline Comparator Exome	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
<b>348XG</b>	Total Blueprint Panel	Baylor Genetics, LLC
<b>7VBWG</b>	Trio Exome	AiLife Diagnostics
<b>6QQMG</b>	Trio Whole Exome Sequencing	Baylor Genetics, LLC
<b>776NG</b>	Trio Whole Exome Sequencing + Comprehensive mtDNA Analysis	Baylor Genetics, LLC
<b>2BFEG</b>	UCSF Genomics Blood Draw	UCSF Molecular Diagnostics Laboratory
<b>2LNHG</b>	WES - Additional Affected Sibling	Baylor Genetics, LLC
<b>22DJG</b>	WES Single or Multi-Sample (Duo, Trio, Quad, etc.)	Medical College of Wisconsin - Human and Molecular Genetics Center
<b>2TFEG</b>	Whole Exome (Sequencing & Del/Dup) Trio	Fulgent Genetics
<b>3JD6G</b>	Whole Exome (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>3FAPG</b>	Whole Exome (Sequencing Only)	Fulgent Genetics
<b>3AALG</b>	Whole Exome (Sequencing) Trio	Fulgent Genetics
<b>7DQDG</b>	Whole Exome and Mitochondrial Genome Sequencing, Varies	Mayo Clinic Laboratories
<b>227LG</b>	Whole Exome Sequencing	Gene by Gene
<b>6QZFG</b>	Whole Exome Sequencing	Greenwood Genetic Center - Molecular Diagnostic Laboratory
<b>7WZRG</b>	Whole Exome Sequencing	Otogenetics
<b>7RSXG</b>	Whole Exome Sequencing	Rady Children's Institute for Genomic Medicine
<b>7R8CG</b>	Whole Exome Sequencing	Washington University in St. Louis Genomics and Pathology Services
<b>5JQPG</b>	Whole Exome Sequencing - DUO (Proband)	LabCorp
<b>7PQEG</b>	Whole Exome Sequencing – DUO (Proband), Products of Conception (POC)	LabCorp

GTU	Test Name	Laboratory Name
5JR8G	Whole Exome Sequencing - Proband Only	LabCorp
7PQFG	Whole Exome Sequencing – Proband Only, Products of Conception (POC)	LabCorp
5XKLG	Whole Exome Sequencing - TRIO (Proband)	LabCorp
7PQDG	Whole Exome Sequencing – TRIO (Proband), Products of Conception (POC)	LabCorp
6LSZG	Whole Exome Sequencing Comparator - Additional FM	LabCorp
6LT2G	Whole Exome Sequencing Comparator - Father	LabCorp
6LSYG	Whole Exome Sequencing Comparator - Mother	LabCorp
7A7EG	Whole Exome Sequencing for Hereditary Disorders , Varies	Mayo Clinic Laboratories
3SMCG	Whole Exome Sequencing Proband Only	PerkinElmer Genomics
7AYYG	Whole Exome Sequencing QUAD	PerkinElmer Genomics
7VXCG	Whole Exome Sequencing Reflex	Baylor Genetics, LLC
2DR8G	Whole Exome Sequencing TRIO	PerkinElmer Genomics
7AYLG	Whole Exome Sequencing, DUO	PerkinElmer Genomics
2D8LG	Whole Exome Sequencing: Duo Analysis	University of Wisconsin - Madison WSLH - UW Cytogenetic Services
2DR9G	Whole Exome Sequencing: Proband Analysis Only	University of Wisconsin - Madison WSLH - UW Cytogenetic Services
33NTG	Whole Exome Sequencing: Trio Analysis	University of Wisconsin - Madison WSLH - UW Cytogenetic Services
5FMPG	Whole exome via NGS (Duo with full parental report)	Allele Diagnostics
5FMNG	Whole exome via NGS (Proband only)	Allele Diagnostics
5FMQG	Whole exome via NGS (Trio with full parental reports)	Allele Diagnostics
24C4G	Whole exome via NGS (Trio with proband report only)	Allele Diagnostics
7WZHG	Whole Exome with RISE Analysis (RNA-Seq) (Sequencing & Deletion/Duplication)	Fulgent Genetics
7TLFG	Whole Exome, 4 Sample	Praxis Genomics, LLC
7TLDG	Whole Exome, Duo	Praxis Genomics, LLC
7TLCG	Whole Exome, Proband	Praxis Genomics, LLC
7TLEG	Whole Exome, Trio	Praxis Genomics, LLC
7YANG	Xenome ID	Advanced Molecular Diagnostics, LLC



GTU	Test Name	Laboratory Name
7YAMG	Xenome Plus	Advanced Molecular Diagnostics, LLC
6L9SG	XomeDx - Proband	GeneDx
6RVYG	XomeDx - Trio	GeneDx
6L9QG	XomeDx - Duo	GeneDx
7TVKG	XomeDx Express (GeneDx), Blood	University of Michigan - Michigan Medical Genetics Laboratories
7TVLG	XomeDx Express, Buccal Swab	University of Michigan - Michigan Medical Genetics Laboratories
4JJWG	XomeDx Fetal - Duo	GeneDx
7DQWG	XomeDx Plus - Duo	GeneDx
77MHG	XomeDx Plus - Proband	GeneDx
77M2G	XomeDx Plus - Trio	GeneDx
7TV8G	XomeDx Plus- Duo, blood	University of Michigan - Michigan Medical Genetics Laboratories
7TV7G	XomeDx Plus- Duo, buccal kit	University of Michigan - Michigan Medical Genetics Laboratories
7TVBG	XomeDx Plus- Proband, blood	University of Michigan - Michigan Medical Genetics Laboratories
7TV9G	XomeDx Plus- Trio, blood	University of Michigan - Michigan Medical Genetics Laboratories
7TVCG	XomeDX Plus-Trio, buccal kit	University of Michigan - Michigan Medical Genetics Laboratories
2W48G	XomeDx Prenatal - Comprehensive	GeneDx
7WKBG	XomeDx to GeneDx	University of Minnesota Physicians Outreach Laboratory
46N6G	XomeDx Trio	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
4HM8G	XomeDxFetal- Proband	GeneDx
4GZRG	XomeDxFetal- Trio	GeneDx
46J4G	XomeDxPlus Proband	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
46V3G	XomeDxPlus Trio	Children's Hospital of Philadelphia - Division of Genomic Diagnostics

### Expanded Carrier Panel Tests

GTU	Test Name	Laboratory Name
7SSBG	Beacon 787-Expanded Carrier Screening Panel (With X-linked Disorders) (Sequencing & Deletion/Duplication)	Fulgent Genetics

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>7SSCG</b>	Beacon 787-Expanded Carrier Screening Panel (Without X-linked Disorders) (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>86GSG</b>	Beacon ACMG Tier 3 Female Carrier Screening Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>86GTG</b>	Beacon ACMG Tier 3 Male Carrier Screening Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>6LMNG</b>	Beacon ACOG/ACMG Female Carrier Screening Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>5DRBG</b>	Beacon ACOG/ACMG Male Carrier Screening Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>78HAG</b>	Beacon Expanded Female Carrier Screening Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>77ZHG</b>	Beacon Expanded Female Carrier Screening Plus Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>77ZJG</b>	Beacon Expanded Male Carrier Screening Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>7743G</b>	Beacon Expanded Male Carrier Screening Plus Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>77K3G</b>	Beacon Focus Female Carrier Screening Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>78HBG</b>	Beacon Focus Male Carrier Screening Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>7WZBG</b>	Beacon Preconception 787-Expanded Carrier Screening Panel (With X-linked Disorders and Opt-In) (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>7WZCG</b>	Beacon Preconception 787-Expanded Carrier Screening Panel (Without X-linked Disorders; With Opt-In) (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>7WZDG</b>	Beacon Preconception ACMG Tier 3 Carrier Screening (With X-linked Disorders and Opt-In) (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>7WZEG</b>	Beacon Preconception ACMG Tier 3 Carrier Screening (Without X-linked Disorders; With Opt-In) (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>7WZ9G</b>	Beacon Preconception Expanded Carrier Screening (With X-linked Disorders and Opt-In) (Sequencing & Deletion/Duplication)	Fulgent Genetics

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>7WZAG</b>	Beacon Preconception Expanded Carrier Screening (Without X-linked Disorders; With Opt-In) (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>7QH4G</b>	CARRIER SCREEN - CLASSIC, FEMALE (24 GENE PANEL)	Clinical Pathology Laboratories
<b>7QH5G</b>	CARRIER SCREEN - CLASSIC, MALE (22 GENE PANEL)	Clinical Pathology Laboratories
<b>7QGZG</b>	CARRIER SCREEN - COMPLETE, MALE (147 GENE PANEL)	Clinical Pathology Laboratories
<b>79SAG</b>	Carrier Screening (Horizon)	ProPath
<b>6U8PG</b>	Common Carrier Screening Panel	Connective Tissue Gene Tests
<b>7V3RG</b>	Comprehensive Carrier Screening Panel for Genetic Conditions	Genesys Diagnostics Inc
<b>78GTG</b>	Expanded Carrier Screen by Next Generation Sequencing with Fragile X	ARUP Laboratories
<b>7832G</b>	Expanded Carrier Screening	UCSF Molecular Diagnostics Laboratory
<b>86D7G</b>	Extended Carrier Screening Panel	Connective Tissue Gene Tests
<b>6RN4G</b>	Foresight Fundamental Plus panel	Myriad Genetics
<b>78HYG</b>	Foresight Universal Panel Carrier Screen	Myriad Genetics
<b>34P9G</b>	FUNDAMENTAL PLUS 2528 (COUNSYL)	Enzo Clinical Labs
<b>7V27G</b>	GeneAware - Complete Panel - Female	Baylor Genetics, LLC
<b>7V22G</b>	GeneAware - Complete Panel - Male	Baylor Genetics, LLC
<b>7V26G</b>	GeneAware™ ACMG & ACOG Panel (Female)	Baylor Genetics, LLC
<b>7UZZG</b>	GeneAware™ ACMG & ACOG Panel (Male)	Baylor Genetics, LLC
<b>7V24G</b>	GeneAware™ Expanded Panel (Female)	Baylor Genetics, LLC
<b>7UZXG</b>	GeneAware™ Expanded Panel (Male)	Baylor Genetics, LLC
<b>7VXPG</b>	GeneAware™ Expanded Plus Panel (Female)	Baylor Genetics, LLC
<b>7VXQG</b>	GeneAware™ Expanded Plus Panel (Male)	Baylor Genetics, LLC
<b>6343G</b>	GeneSeq PLUS	Integrated Genetics
<b>7SVAG</b>	GeneSeq PLUS	LabCorp
<b>3NY2G</b>	GeneSeq PLUS without VUS	Integrated Genetics
<b>4ZMUG</b>	GeneSeq PLUS without VUS, Prenatal	Integrated Genetics

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>2AL5G</b>	GeneSeq PLUS, Prenatal	Integrated Genetics
<b>7X2CG</b>	GxVISION Carrier Screening Test ACOG/ACMG with CF	Otogenetics
<b>7X29G</b>	GxVISION Carrier Screening Test Pan-Ethnic Carrier Screening	Otogenetics
<b>7759G</b>	Horizon 14 (14 disease panel)	Natera
<b>7758G</b>	Horizon 27 (27 disease Pan-ethnic Standard panel)	Natera
<b>7757G</b>	Horizon 274 (274 disease Pan-ethnic Extended panel)	Natera
<b>72ESG</b>	Horizon 421	Natera
<b>7A7WG</b>	Horizon ACMG Panel	Natera
<b>6V4QG</b>	INHERIGEN	GenPath Diagnostics
<b>6UWPG</b>	INHERIGEN PLUS	GenPath Diagnostics
<b>7SUSG</b>	Inheritest 100 PLUS Panel	LabCorp
<b>7SUTG</b>	Inheritest 300 PLUS Panel	LabCorp
<b>77LMG</b>	Inheritest 500 PLUS Panel	Integrated Genetics
<b>77BTG</b>	Inheritest 500 PLUS Panel	LabCorp
<b>7SURG</b>	Inheritest High Frequency Panel	LabCorp
<b>7838G</b>	Inheritest 500 PLUS with Repro Partners Report	Integrated Genetics
<b>77ENG</b>	Inheritest Carrier Screen - Society Guided Panel (14 Genes)	Integrated Genetics
<b>7SRSG</b>	M Beacon Focus B, 14 Gene Panel	LabCorp
<b>7ZPEG</b>	MYRIAD FORESIGHT CARRIER SCREENING	University of Illinois at Chicago - Biochemical Genetics Laboratory
<b>784RG</b>	MYRIAD WOMEN'S HEALTH FAMILY PREP SCREEN 2	University of California Davis Health System - UCDCMC - Molecular and Cytogenetic Laboratory
<b>78NPG</b>	Natera One Panel	ProPath
<b>3EHWG</b>	NewbornGenID	Advanced Molecular Diagnostics, LLC
<b>2D58G</b>	NewbornGenID include Fragile X (Female Patients Only)	Advanced Molecular Diagnostics, LLC
<b>7SUAG</b>	QHerit; 381 Diseases, Male	Quest Diagnostics
<b>7XWVG</b>	QHerit; 4 Diseases, Male	Quest Diagnostics
<b>7VXWG</b>	QHerit; 400 Diseases, Male	Quest Diagnostics
<b>7SU9G</b>	QHerit; 421 Diseases, Female	Quest Diagnostics

GTU	Test Name	Laboratory Name
7VXXG	QHerit; 445 Diseases, Female	Quest Diagnostics
7XWUG	QHerit; 6 Diseases, Female	Quest Diagnostics
6UVXG	QHerit; Expanded Carrier Screen	Quest Diagnostics
7DHGG	QHerit; Extended, Female	Quest Diagnostics
7DHHG	QHerit; Extended, Male	Quest Diagnostics
7DHJG	QHerit; Plus, Female	Quest Diagnostics
7DHKG	QHerit; Plus, Male	Quest Diagnostics
4TGTG	UNIVERSAL GENETIC TEST 2521 (COUNSYL)	Enzo Clinical Labs
4B77G	UNIVERSAL PANEL PLUS THROMBOPHILIAS 2524 (COUNSYL)	Enzo Clinical Labs
4CK8G	UNIVERSAL PLUS GENETICS TEST 2522 (COUNSYL)	Enzo Clinical Labs

### Genome Reanalysis Tests (Interpretation Only)

GTU	Test Name	Laboratory Name
7B8KG	Analysis and Interpretation of Whole Genome Sequencing External Data	PerkinElmer Genomics
7TL3G	External Data Analysis, 4 Sample	Praxis Genomics, LLC
7TKZG	External Data Analysis, Duo	Praxis Genomics, LLC
7TKYG	External Data Analysis, Proband	Praxis Genomics, LLC
7TL2G	External Data Analysis, Trio	Praxis Genomics, LLC
2LUBG	GenomeSeqDx 2nd Reanalysis	GeneDx
2WWMG	GenomeSeqDx Reanalysis	GeneDx
7VP7G	Reanalysis and Interpretation of Previous RVTY Whole Genome DUO Sequencing Test	PerkinElmer Genomics
7AXXG	Reanalysis and Interpretation of Previous RVTY Whole Genome Proband Sequencing Test	PerkinElmer Genomics
7VP6G	Reanalysis and Interpretation of Previous RVTY Whole Genome QUAD Sequencing Test	PerkinElmer Genomics
7C4HG	Reanalysis and Interpretation of Previous RVTY Whole Genome TRIO Sequencing Test	PerkinElmer Genomics
7VP8G	Reanalysis of Secondary Findings of Previous RVTY Test	PerkinElmer Genomics

GTU	Test Name	Laboratory Name
7V2YG	WGS Reanalysis	Baylor Genetics, LLC
7T4HG	Whole Genome Reanalysis	ARUP Laboratories
7SAUG	Whole Genome Sequencing Reanalysis, Varies	Mayo Clinic Laboratories

## Genome Sequencing Tests

GTU	Test Name	Laboratory Name
7AY3G	Add Familial Report to Previous Whole Genome Sequencing TRIO Test	PerkinElmer Genomics
7V9YG	Duo WGS	AiLife Diagnostics
86SWG	Duo Whole Genome Sequencing	Baylor Genetics, LLC
7SC9G	Family Member Comparator Specimen for Genome Sequencing, Varies	Mayo Clinic Laboratories
7TVEG	Genome Express	University of Michigan - Michigan Medical Genetics Laboratories
7XC6G	Genome Sequencing-Parent Sample	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
7VRMG	GenomeSeqDx - Duo	GeneDx
7VRNG	GenomeSeqDx - Proband	GeneDx
6DX7G	GenomeSeqDx - Trio	GeneDx
749YG	Genomic Unity® Whole Genome Analysis	Varietyx, Inc.
2NVZG	GenomX Sequencing Test	Gene by Gene
86PCG	IriSight™? Comprehensive Analysis – Prenatal	Varietyx, Inc.
6R9PG	MNGenome Additional Comparator (only available when trio is ordered)	MNG Laboratories
6R9SG	MNGenome DUO Sequencing	MNG Laboratories
6R9QG	MNGenome Proband Only Sequencing	MNG Laboratories
6RLTG	MNGenome TRIO Sequencing	MNG Laboratories
6S6NG	PGnome® Diagnostic - Duo	PreventionGenetics, part of Exact Sciences
6S6QG	PGnome® Diagnostic - Trio	PreventionGenetics, part of Exact Sciences
4E8TG	PGnome® Health Screen Patient Only	PreventionGenetics, part of Exact Sciences

GTU	Test Name	Laboratory Name
6LTUG	PGnome™ - Whole Genome Sequencing Patient Only	PreventionGenetics, part of Exact Sciences
7V9UG	Proband WGS	AiLife Diagnostics
86SXG	Proband Whole Genome Sequencing	Baylor Genetics, LLC
7XC8G	Rapid Genome Sequencing - Parent Sample	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
7XCAG	Reanalysis Genome Sequencing-Parent Sample	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
7RVSG	Reflex to Whole Genome Sequencing (from genome panels)	PerkinElmer Genomics
7RQAG	Standard/DxO Whole Genome Sequencing Additional Family Member	Rady Children's Institute for Genomic Medicine
7RQBG	Standard/DxO Whole Genome Sequencing Proband Only	Rady Children's Institute for Genomic Medicine
7RQCG	Standard/DxO Whole Genome Sequencing Trio	Rady Children's Institute for Genomic Medicine
7V9WG	Trio WGS	AiLife Diagnostics
4ZLBG	Trio Whole Genome Sequencing	Baylor Genetics, LLC
22HVG	TruGenome Proband	Illumina, Inc.
2F7GG	TruGenome Trio	Illumina, Inc.
7WZGG	Whole Exome with RISE Analysis (RNA-Seq) (Sequencing Only)	Fulgent Genetics
7U3WG	Whole Genome Sequencing	ARUP Laboratories
6RPTG	Whole Genome Sequencing	Children's Mercy Hospital and Clinics - Molecular Genetics Laboratory
52SUG	Whole Genome Sequencing	Gene by Gene
27KEG	Whole Genome Sequencing	Johns Hopkins Medical Institutions - Pathology Laboratory
7TYTG	Whole Genome Sequencing (Baylor)	University of Michigan - Michigan Medical Genetics Laboratories
7SAVG	Whole Genome Sequencing for Hereditary Disorders, Varies	Mayo Clinic Laboratories
3VU6G	Whole Genome Sequencing Proband Only	PerkinElmer Genomics
22DHG	Whole Genome Sequencing Single and Multi-Family (Duo, Trio, Quad, etc.)	Medical College of Wisconsin - Human and Molecular Genetics Center
7TKXG	Whole Genome Sequencing, 4 Sample	Praxis Genomics, LLC
7B2AG	Whole Genome Sequencing, DUO	PerkinElmer Genomics
7TKVG	Whole Genome Sequencing, DUO	Praxis Genomics, LLC

GTU	Test Name	Laboratory Name
7U3XG	Whole Genome Sequencing, Familial Control	ARUP Laboratories
7TKUG	Whole Genome Sequencing, Proband	Praxis Genomics, LLC
7B2LG	Whole Genome Sequencing, QUAD	PerkinElmer Genomics
2UAVG	Whole Genome Sequencing, TRIO	PerkinElmer Genomics
7TKWG	Whole Genome Sequencing, TRIO	Praxis Genomics, LLC
7TLHG	Whole Genome Upgrade per Sample	Praxis Genomics, LLC
7TLNG	Whole Genome Upgrade per Sample	Praxis Genomics, LLC

### Hematologic Malignancy Panel Tests

GTU	Test Name	Laboratory Name
2FKWG	Comprehensive Hematologic Cancer Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
7SFFG	Comprehensive HemeComplete Profile	PathGroup
2DVSG	Comprehensive Lymphoid Oncology (DNA and RNA analysis)	Children's Hospital Colorado Precision Diagnostics Laboratory
7SFEG	Comprehensive Myeloid Profile	PathGroup
5M87G	FISH Panel : Myeloid Disorders	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
7VMHG	FISH Panel: Myeloid Malignancy	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
6Z8DG	FoundationOne Heme	Foundation Medicine
34YSG	GeneTrails Hematologic Malignancies 220 Gene Panel	Knight Molecular Diagnostic
7XE7G	Hematologic Cancer Fusion Analysis	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
45EWG	Hematologic Cancer Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
73H3G	Hematologic Neoplasm Mutation Panel	Ohio State University - Molecular Pathology Laboratory
34PNG	HemaVision Leukemia Panel	University of Oklahoma Health Sciences Center - Molecular Pathology Laboratory
7XRGG	Heme Amplicon Panel by NGS	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
7ATGG	HEME DNA MUTATION PANEL (152 gene DNA NGS panel for mutations)	Texas Children's Hospital



<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>7ATHG</b>	HEME DNA/RNA COMBINED PANEL (Combined heme mutation and fusion panels)	Texas Children's Hospital
<b>6LTNG</b>	Heme Gene Panel by NGS	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>7SFCG</b>	HemeComplete NextGen Sequencing Assay	PathGroup
<b>72AHG</b>	IntelliGEN Myeloid	LabCorp
<b>7RJGG</b>	JMML Associated Exon Panel (JMML)	Rady Children's Institute for Genomic Medicine
<b>5PPVG</b>	Juvenile Myelomonocytic Leukemia Associated Exon Panel	UCSF Molecular Diagnostics Laboratory
<b>28E8G</b>	Leukemia Trial NGS Panel, Blood	Johns Hopkins Medical Institutions - Pathology Laboratory
<b>28MEG</b>	Leukemia Trial NGS Panel, Bone Marrow	Johns Hopkins Medical Institutions - Pathology Laboratory
<b>6LTPG</b>	Lymphoid Gene Panel by NGS	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>2DJPG</b>	Lymphoid Oncology DNA Analysis	Children's Hospital Colorado Precision Diagnostics Laboratory
<b>7XR9G</b>	MayoComplete Chronic Lymphoid Neoplasms, Next-Generation Sequencing, Varies	Mayo Clinic Laboratories
<b>7XR8G</b>	MayoComplete Histiocytic Neoplasms, Next-Generation Sequencing, Varies	Mayo Clinic Laboratories
<b>6U9NG</b>	MayoComplete Myeloid Neoplasms, Comprehensive OncoHeme Next-Generation Sequencing, Varies	Mayo Clinic Laboratories
<b>7SBCG</b>	MayoComplete Plasma Cell Myeloma, Next-Generation Sequencing, Varies	Mayo Clinic Laboratories
<b>7XR7G</b>	MayoComplete T-Cell Lymphoma, Next-Generation Sequencing, Varies	Mayo Clinic Laboratories
<b>7XY8G</b>	MYD88 and CXCR4 Mutation Panel	Knight Molecular Diagnostic
<b>2XDBG</b>	Myeloid Complete Molecular Profile	Genetic Associates
<b>6VB9G</b>	Myeloid Extended Mutation Analysis Panel by Next Generation Sequencing	Molecular Pathology Laboratory Network
<b>6LTQG</b>	Myeloid Gene Panel by NGS	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>7UXCG</b>	Myeloid Malignancies Mutation and Copy Number Variation Panel by Next Generation Sequencing	ARUP Laboratories
<b>7ALDG</b>	MYELOID MALIGNANCIES MUTATION PANEL	Clinical Pathology Laboratories

GTU	Test Name	Laboratory Name
2XRDG	Myeloid Malignancies Mutation Panel by Next Generation Sequencing	ACL Laboratories
6VAZG	Myeloid Malignancies Mutation Panel by Next Generation Sequencing	ARUP Laboratories
78N9G	Myeloid Multigene Panel	UCSF Molecular Diagnostics Laboratory
5CTBG	Myeloid Mutation Panel- AML	University of North Carolina Hospitals - Molecular Genetics
7Q2MG	Myeloid Mutation Panel, Blood	Nebraska Medical Center - Molecular Diagnostic Laboratory
7Q2HG	Myeloid Mutation Panel, Other	Nebraska Medical Center - Molecular Diagnostic Laboratory
8EFPG	Myeloid Neoplasm Mutation Analysis Only	Medfusion
7SFBG	Myeloid NextGen Sequencing Assay	PathGroup
7V4RG	Myeloid NGS	Allina Health Laboratory
7TV4G	Myeloid NGS Panel	University of Michigan - Michigan Medical Genetics Laboratories
7SQ8G	Myeloid Panel NGS Bone Marrow	Cleveland Clinic Laboratories
7SQ7G	Myeloid Panel NGS Peripheral Blood	Cleveland Clinic Laboratories
6UY4G	Myeloid tumor panel - Somatic Mutation Analysis	Centogene
7SPKG	Neo Comprehensive - Myeloid Disorders	NeoGenomics Laboratories
7URQG	Neo Comprehensive™ - Heme Cancers	NeoGenomics Laboratories
3ZSJG	NeoTYPE AITL/Peripheral T-Cell Lymphoma Profile	NeoGenomics Laboratories
86UPG	NeoTYPE Lymphoid Disorders Profile	NeoGenomics Laboratories
6VB7G	NGS Hematologic Malignancy Mutation Panel	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
2LJDG	NGS Hematolymphoid Panel (Lab Only)	Molecular Diagnosis - University of Rochester Medical Center - Strong Memorial Hospital
5364G	NGS_Myeloid 37 Genes Panel	CellNetix Pathology and Laboratories
86LPG	OnkoSight Advanced Chronic Lymphoid Neoplasm NGS Panel - PB/BM	BioReference Laboratories
7C5AG	OnkoSight Advanced NGS Myeloid Panel	BioReference Laboratories
7T3WG	OnkoSight Advanced Pan Heme Fusion NGS Panel	BioReference Laboratories
7DN9G	Paired Tumor / Normal – Comprehensive Hematologic Cancer Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
7DN8G	Paired Tumor / Normal - Hematologic Cancer Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics

GTU	Test Name	Laboratory Name
7UJHG	PennSeq Hematological Malignancies Panel	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
7ZQTG	Targeted Myeloid Panel (TMP)	Columbia University - Personalized Genomic Medicine
86SCG	Tempus  xT: Targeted panel of 648 genes (Hematologic Malignancy)	Tempus AI, Inc.

### Hereditary GI/Colon Cancer Panel Tests

GTU	Test Name	Laboratory Name
7TP3G	CancerNext Expanded Colon Lynch	Ambry Genetics
7TNZG	CancerNext: Colon/Lynch	Ambry Genetics
2NBHG	Centocolon - NGS Panel (CNV included)	Centogene
76DFG	COLARIS AP PLUS with Myriad myRisk Hereditary Cancer Update Test	Myriad Genetics
76DEG	COLARIS PLUS with Myriad myRisk Hereditary Cancer Update Test	Myriad Genetics
76DUG	ColoNext	Ambry Genetics
7WT3G	ColoNext	University of Minnesota Physicians Outreach Laboratory
6UQPG	ColoNext with RNAinsight	Ambry Genetics
3598G	Colorectal Cancer Comprehensive Panel (Deletion/Duplication Only)	Fulgent Genetics
76E3G	Colorectal Cancer Comprehensive Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
3ATVG	Colorectal Cancer Comprehensive Panel (Sequencing Only)	Fulgent Genetics
3D5AG	Colorectal Cancer Focus Panel (Deletion/Duplication Only)	Fulgent Genetics
6U88G	Colorectal Cancer Focus Panel (Germline)	NeoGenomics Laboratories
76E4G	Colorectal Cancer Focus Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
34KAG	Colorectal Cancer Focus Panel (Sequencing Only)	Fulgent Genetics
2L58G	Colorectal Cancer Germline NGS Panel	University of Michigan - Michigan Medical Genetics Laboratories
76DSG	Colorectal Cancer Panel	ACL Laboratories
76DWG	Colorectal Cancer Panel	GeneDx

GTU	Test Name	Laboratory Name
76BGG	Colorectal Cancer Panel	PerkinElmer Genomics
3DW5G	ColoSeq - Lynch and Polyposis Panel	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
6V2QG	Comprehensive Colon Cancer Panel (Seq & Del/Dup)	Genetics Center - Molecular and Cytogenetic Diagnostic Laboratories
7TNXG	Comprehensive Common Cancer Panel: Colon/Lynch	GeneDx
7X25G	GxVISION Hereditary Cancer Risk Assessment Colorectal Cancer Genes	Otogenetics
25LZG	Hereditary Colorectal Cancer Panel	Quest Diagnostics
76DZG	Hereditary Colorectal Cancer Panel	The University of Chicago Genetic Services
7AAAG	Hereditary Colorectal Cancer Panel (20 Genes)	Palo Verde Laboratory - division of Sonora Quest Lab
7V2BG	Hereditary Colorectal/Gastrointestinal Cancer Panel	Baylor Genetics, LLC
7SHSG	Hereditary Gastrointestinal Cancer High-Risk Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
76DNG	Hereditary Gastrointestinal Cancer Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
7DLGG	Hereditary Gastrointestinal Cancer Panel, Varies	Mayo Clinic Laboratories
6V9EG	Hereditary High-Risk Colon Cancer Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
7V2GG	Hereditary High-Risk Colorectal Cancer Panel	Baylor Genetics, LLC
45K7G	Inherited Colon Cancer Panel	Knight Molecular Diagnostic
778DG	Invitae Hereditary Colorectal Cancer Guidelines-Based Panel	Invitae Corporation
77QBG	Invitae Hereditary Colorectal Cancer Guidelines-Based Panel-Add-on Preliminary-evidence Colorectal Cancer Guidelines Genes	Invitae Corporation
76CYG	Invitae Hereditary Colorectal Cancer Panel	Invitae Corporation
76CZG	Invitae Hereditary Colorectal Cancer Panel-Add-on Preliminary-evidence Genes for Colorectal Cancer	Invitae Corporation
6DXSG	Lynch/Colorectal High Risk Panel	GeneDx
7TNYG	Rest of Comprehensive Common Cancer Panel: Colon/Lynch	GeneDx
7B7KG	STAT Colorectal Cancer Panel	PerkinElmer Genomics
7VPKG	Tempus  xG Common Hereditary Cancers 36 genes (hereditary colon cancer indications)	Tempus AI, Inc.

GTU	Test Name	Laboratory Name
7VPGG	Tempus  xG+ Extended Hereditary Cancers 88 genes (hereditary colon cancer indications)	Tempus AI, Inc.
76BSG	VistaSeq Colorectal Cancer Panel	Integrated Genetics
76DAG	VistaSeq Colorectal Cancer Panel	LabCorp
76CBG	VistaSeq Colorectal Cancer Panel	Labcorp   Oncology
2F64G	VistaSeq High Risk Colorectal Cancer Panel	Integrated Genetics
58EYG	VistaSeq High Risk Colorectal Cancer Panel	LabCorp
4NLFG	VistaSeq High Risk Colorectal Cancer Panel	Labcorp   Oncology

### Hereditary Polyposis Panel Tests

GTU	Test Name	Laboratory Name
7TQFG	Adenomatous Polyposis Focus (Sequencing & Deletion/Duplication)	Fulgent Genetics
5MJ8G	APC & MUTYH seq and del/dup	Ambry Genetics
6UQRG	APC and MUTYH with RNAinsight	Ambry Genetics
8734G	APC- and MUTYH-Associated Polyposis Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
2AUYG	COLARIS AP	Myriad Genetics
86HDG	ColoSeq Genes Sequenced	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
86HCG	ColoSeq Polyposis	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
4QZBG	Comprehensive Polyposis Syndrome Panel (Seq & Del/Dup Analysis)	Genetics Center - Molecular and Cytogenetic Diagnostic Laboratories
4R4DG	FAP: APC Seq, APC Del/Dup, MUTYH 2 Muts	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
6QVMG	Hereditary Polyposis Panel	PreventionGenetics, part of Exact Sciences
7PQHG	Invitae Adenomatous Polyposis Panel	Invitae Corporation
7TQGG	Polyposis Comprehensive (Sequencing & Deletion/Duplication)	Fulgent Genetics

## Hypertrophic Cardiomyopathy (HCM) Panel Tests

GTU	Test Name	Laboratory Name
5LVCG	HCM Panel Deletion / Duplication	DDC Clinic Laboratory
6PZ3G	HCM Panel Next Generation Sequencing	DDC Clinic Laboratory
6PZ4G	HCM Panel NGS & Del Dup Comprehensive	DDC Clinic Laboratory
2YZEG	HCMNext	Ambry Genetics
2YZAG	HCMNext Reflex	Ambry Genetics
5W3JG	Hypertrophic Cardiomyopathy – HCM (41 genes) Deletion/Duplication Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
2FPZG	Hypertrophic Cardiomyopathy – HCM (41 genes) NGS + Sanger fill-in Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
3XPUG	Hypertrophic Cardiomyopathy – HCM (41 genes) NGS Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
3CEJG	Hypertrophic Cardiomyopathy (HCM) Panel	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
7DN2G	Hypertrophic Cardiomyopathy (HCM) Panel	Washington University in St. Louis Genomics and Pathology Services
7SBZG	Hypertrophic Cardiomyopathy Gene Panel, Varies	Mayo Clinic Laboratories
3XG9G	Hypertrophic Cardiomyopathy NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
25E2G	Hypertrophic Cardiomyopathy NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
3XPSG	Hypertrophic Cardiomyopathy NGS Panel (Sequencing Only)	Fulgent Genetics
3XQ7G	Hypertrophic Cardiomyopathy Panel	Knight Molecular Diagnostic
7XH6G	Hypertrophic Cardiomyopathy Panel	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
3XQBG	Hypertrophic Cardiomyopathy Panel	PerkinElmer Genomics
5CYCG	Hypertrophic Cardiomyopathy Panel	PreventionGenetics, part of Exact Sciences
7VUVG	Hypertrophic Cardiomyopathy Panel	The University of Chicago Genetic Services
3XNZG	Hypertrophic Cardiomyopathy Panel (PCPGM)	University of Michigan - Michigan Medical Genetics Laboratories
3HV4G	Hypertrophic Cardiomyopathy Panel (PCPGM), Known Mutation	University of Michigan - Michigan Medical Genetics Laboratories
2KTCG	Hypertrophic Cardiomyopathy Panel, Sequencing	ARUP Laboratories

GTU	Test Name	Laboratory Name
44WDG	Invitae Hypertrophic Cardiomyopathy Panel	Invitae Corporation
42LUG	Invitae Hypertrophic Cardiomyopathy Panel-Add-on Preliminary-evidence Genes for Hypertrophic Cardiomyopathy	Invitae Corporation
7B79G	STAT Hypertrophic Cardiomyopathy Panel	PerkinElmer Genomics

### Long QT Syndrome (LQTS) Panel Tests

GTU	Test Name	Laboratory Name
5FWSG	Invitae Long QT Syndrome Panel	Invitae Corporation
786WG	Invitae Long QT Syndrome Panel-Add-on Preliminary-evidence Genes for Long QT Syndrome	Invitae Corporation
77MWG	Long and Short QT Syndrome (NGS Panel and Copy Number Analysis)	MNG Laboratories
6Q7RG	Long QT Panel Deletion / Duplication	DDC Clinic Laboratory
782LG	Long QT Panel Next Generation Sequencing	DDC Clinic Laboratory
782KG	Long QT Panel NGS & Del Dup Comprehensive	DDC Clinic Laboratory
2KQNG	Long QT Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
39DQG	Long QT Syndrome – LQTS (15 genes) Deletion/Duplication Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
776UG	Long QT Syndrome – LQTS (15 genes) NGS + Sanger fill-in Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
78A2G	Long QT Syndrome – LQTS (15 genes) NGS Panel	Baylor College of Medicine - John Welsh Cardiovascular Diagnostic Laboratory
77BKG	Long QT Syndrome (LQTS) Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
5XA8G	Long QT Syndrome (LQTS) Panel Sequencing	Indiana University Molecular Genetics Diagnostic Laboratory - Indiana University Medical Center, School of Medicine
27X3G	Long QT Syndrome and Short QT Syndrome	Knight Molecular Diagnostic
77C6G	Long QT Syndrome by Next Generation Sequencing (KCNQ1, KCNH2, SCN5A, KCNE1, KCNE2, KCNJ2, CACNA1C, CAV3, SCN4B, AKAP9, SNTA1, ANK2, CALM1, CALM2, KCNJ5)	Medical Diagnostic Laboratories, LLC
7SBNG	Long QT Syndrome Gene Panel, Varies	Mayo Clinic Laboratories
77L7G	Long QT syndrome NGS Panel	Connective Tissue Gene Tests

GTU	Test Name	Laboratory Name
6MADG	Long QT syndrome NGS Panel Deletion / Duplication	Connective Tissue Gene Tests
774ZG	Long QT syndrome NGS Panel Next Generation Sequencing	Connective Tissue Gene Tests
76V5G	Long QT Syndrome Panel	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
7XHMG	Long QT Syndrome Panel	Nationwide Children's Hospital - Cytogenetics and Molecular Genetics Laboratory
785ZG	Long QT Syndrome Panel	PerkinElmer Genomics
78FTG	Long QT Syndrome Panel	PreventionGenetics, part of Exact Sciences
7VUUG	Long QT Syndrome Panel	The University of Chicago Genetic Services
7DN3G	Long QT Syndromes panel	Washington University in St. Louis Genomics and Pathology Services
772GG	LongQTNext	Ambry Genetics
783PG	LQTS Panel	GeneDx
2YB5G	LQTS Seq/Del/Dup Panel	Johns Hopkins Medical Institutions - Pathology Laboratory
7B7CG	STAT Long QT Syndrome Panel	PerkinElmer Genomics

### Lynch Syndrome / Hereditary Nonpolyposis Colorectal Cancer (HNPCC) Panel Tests

GTU	Test Name	Laboratory Name
6RPMG	COLARIS	Myriad Genetics
7X23G	GxVISION Hereditary Cancer Risk Assessment Lynch Syndrome Genes	Otogenetics
2YYWG	HNPCC concurrent	Ambry Genetics
2FTJG	HNPCC PANEL	Center for Human Genetics, Inc.
7SNVG	HNPCC/Lynch Deletion/Duplication	Ambry Genetics
2FS8G	HNPCC/Lynch Syndrome Del/Dup	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
2AWXG	Invitae Lynch Syndrome Panel	Invitae Corporation
2FSEG	Lynch Syndrome - Hereditary (Germline) Testing	Labcorp   Oncology
7QFCG	Lynch Syndrome Focus (Sequencing & Deletion/Duplication)	Fulgent Genetics
2FRUG	Lynch Syndrome Gene Panel: 5 Genes (EPCAM, MLH1, MSH2, MSH6, PMS2) by Gene Sequencing with Deletion/Duplication Analysis	Medical Diagnostic Laboratories, LLC



GTU	Test Name	Laboratory Name
7A2RG	Lynch syndrome Panel	PerkinElmer Genomics
2FRZG	Lynch syndrome Panel	Quest Diagnostics
5JURG	Lynch syndrome Panel	The University of Chicago Genetic Services
7AC3G	Lynch Syndrome Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
7DL5G	Lynch Syndrome Panel, Varies	Mayo Clinic Laboratories
4JKFG	Lynch Syndrome, MSH2 Sequencing and Deletion/Duplication (Including EPCAM)	Quest Diagnostics
57DNG	Lynch Syndrome/Constitutional Mismatch Repair Deficiency Panel	PreventionGenetics, part of Exact Sciences
72H6G	Lynch with RNAinsight	Ambry Genetics
2FSKG	MLH1 / MSH2 / MSH6 / PMS2 Comprehensive Analysis	Labcorp   Oncology
2FSLG	MLH1 / MSH2 / MSH6 Comprehensive Analysis	Labcorp   Oncology
2FSNG	MLH1 / MSH2 Comprehensive Analysis	Labcorp   Oncology
7U2HG	MLH1, MSH2, MSH6, PMS2 Sequencing and Del/Dup (NGS)	University of Michigan - Michigan Medical Genetics Laboratories
7DQLG	MLH1/MSH2 Del/Dup Testing by MLPA	PerkinElmer Genomics
2YYNG	MSH2 seq & del/dup & EPCAM del/dup	Ambry Genetics
7DQKG	MSH6/MUTYH/EPCAM Del/Dup Testing by MLPA	PerkinElmer Genomics
87B9G	VistaSeq Lynch Syndrome Panel	LabCorp

### Mitochondrial Disease (including Nuclear Genes) Panel Tests

GTU	Test Name	Laboratory Name
77W7G	Cellular Energetics Ophthalmoplegia Syndromes (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
5C94G	Chronic Progressive External Ophthalmoplegia (CPEO/PEO) Panel	PreventionGenetics, part of Exact Sciences
6DD7G	Combined Mito Genome Plus Mito Focused Nuclear Gene Panel	GeneDx
7R7VG	Combined Mitochondrial Full Genome and Nuclear Gene Panel, Varies	Mayo Clinic Laboratories
6RKZG	Comprehensive Cellular Energetics Defects (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
77WDG	Comprehensive Mitochondrial Nuclear Gene Panel	PerkinElmer Genomics

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>77SKG</b>	Comprehensive mtDNA Depletion Syndromes (NGS Panel and Copy Number Analysis)	MNG Laboratories
<b>76YBG</b>	Comprehensive Ophthalmoplegia Syndromes (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
<b>76YHG</b>	Cytochrome C Oxidase Deficiency (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
<b>788KG</b>	Dual Genome Leigh Disease Panel by Massively Parallel Sequencing	Baylor Genetics, LLC
<b>6LC5G</b>	Genomic Unity® Comprehensive Mitochondrial Disorders Analysis	Varietyx, Inc.
<b>7V37G</b>	Genomic Unity® Mitochondrial Genome Deletions Analysis	Varietyx, Inc.
<b>7V36G</b>	Genomic Unity® Nuclear Encoded Mitochondrial Gene Analysis	Varietyx, Inc.
<b>3XEDG</b>	Invitae Nuclear Mitochondrial Disorders Panel	Invitae Corporation
<b>77YFG</b>	Leigh and Leigh-Like Syndrome Panel (Nuclear Genes Only)	PreventionGenetics, part of Exact Sciences
<b>2YAYG</b>	Mito Disord Panel (mtDNA-108 Nuc Genes)	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
<b>77GLG</b>	Mitochondrial Complex I Deficiency Panel (Nuclear Genes)	PreventionGenetics, part of Exact Sciences
<b>6QVJG</b>	Mitochondrial Complex II Deficiency Panel	PreventionGenetics, part of Exact Sciences
<b>386QG</b>	Mitochondrial Complex III Deficiency Panel (Nuclear Genes)	PreventionGenetics, part of Exact Sciences
<b>76ZNG</b>	Mitochondrial Complex IV Deficiency Panel (Nuclear Genes)	PreventionGenetics, part of Exact Sciences
<b>5LQTG</b>	Mitochondrial Complex V Deficiency Panel (Nuclear Genes)	PreventionGenetics, part of Exact Sciences
<b>7U5TG</b>	Mitochondrial Disorders (mtDNA) Sequencing and Deletion Analysis by NGS	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
<b>6LTZG</b>	Mitochondrial Disorders Panel (Nuclear Genes Only)	PreventionGenetics, part of Exact Sciences
<b>6XJWG</b>	Mitochondrial DNA Depletion Testing (Leukocyte)	LabCorp
<b>54EFG</b>	Mitochondrial Encephalomyopathic Evaluation	Athena Diagnostics Inc
<b>77FTG</b>	Mitochondrial Encephalopathy/Leigh Syndrome Nuclear Gene Panel	PerkinElmer Genomics
<b>772TG</b>	Mitochondrial Genome Maintenance/Integrity Nuclear Genes Panel	PreventionGenetics, part of Exact Sciences
<b>3WQPG</b>	Mitochondrial Hepatoencephalopathic Evaluation	Athena Diagnostics Inc

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>4RDTG</b>	Mitochondrial Respiratory Chain Complex II Deficiency Panel by Massively Parallel Sequencing	Baylor Genetics, LLC
<b>77T2G</b>	Mitochondrial Respiratory Chain Complex I-V Nuclear Gene Deficiency Panel by Massively Parallel Sequencing	Baylor Genetics, LLC
<b>62P9G</b>	mtDNA Depletion Syndrome NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
<b>77EVG</b>	mtDNA Depletion Syndrome NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>77TJG</b>	mtDNA Depletion Syndrome NGS Panel (Sequencing Only)	Fulgent Genetics
<b>2TC7G</b>	Nuclear Panel by Massively Parallel Sequencing	Baylor Genetics, LLC
<b>2BKCG</b>	Nuclear-Mito NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
<b>2BKFG</b>	Nuclear-Mito NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>2BKEG</b>	Nuclear-Mito NGS Panel (Sequencing Only)	Fulgent Genetics
<b>76USG</b>	Oxidative Phosphorylation (OXPHOS) Defects (NGS Panel and Copy Number Analysis + mtDNA)	MNG Laboratories
<b>2BKHG</b>	Oxidative Phosphorylation Disorders NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
<b>78H9G</b>	Oxidative Phosphorylation Disorders NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>77K2G</b>	Oxidative Phosphorylation Disorders NGS Panel (Sequencing Only)	Fulgent Genetics
<b>6UV6G</b>	PEO Panel by Massively Parallel Sequencing	Baylor Genetics, LLC
<b>776AG</b>	PGXome Custom - Combined Oxidative Phosphorylation Deficiency	PreventionGenetics, part of Exact Sciences
<b>77KGG</b>	PGXome Custom - Comprehensive Cellular Energetics Defects	PreventionGenetics, part of Exact Sciences
<b>77GJG</b>	PGXome Custom - Mitochondrial Complex I Deficiency	PreventionGenetics, part of Exact Sciences
<b>4C5HG</b>	PGXome Custom - Mitochondrial Complex II Deficiency	PreventionGenetics, part of Exact Sciences
<b>6P7LG</b>	PGXome Custom - Mitochondrial Complex III Deficiency	PreventionGenetics, part of Exact Sciences
<b>78KNG</b>	PGXome Custom - Mitochondrial Complex IV Deficiency	PreventionGenetics, part of Exact Sciences
<b>6P7NG</b>	PGXome Custom - Mitochondrial Complex V Deficiency	PreventionGenetics, part of Exact Sciences
<b>77SZG</b>	Respiratory Chain Deficiency Panel	Knight Molecular Diagnostic

GTU	Test Name	Laboratory Name
7B35G	STAT Comprehensive Mitochondrial Nuclear Gene Panel	PerkinElmer Genomics
7B38G	STAT Mitochondrial Encephalopathy/Leigh Syndrome Nuclear Gene Panel	PerkinElmer Genomics

### Mitochondrial DNA (mtDNA) Sequencing Panel Tests

GTU	Test Name	Laboratory Name
7SKYG	Advanced mtDNA Point Mutations	LabCorp
76WBG	Centomito® Comprehensive - NGS Panel (Mito Genome included)	Centogene
79ASG	Centomito® Genome - Mito Genome	Centogene
3KDTG	CHOP MitoGenome Sequencing + Deletion Analysis	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
2Z9XG	Complete Mitochondrial Sequencing (mtDNA)	Gene by Gene
2DZ4G	Comprehensive mtDNA Analysis by Massively Parallel Sequencing	Baylor Genetics, LLC
79MYG	Deafness, nonsyndromic, sensorineural, mitochondrial - Single Gene Sequencing by NGS	Centogene
2LKVG	Dual Genome Panel by Massively Parallel Sequencing	Baylor Genetics, LLC
7V38G	Genomic Unity® Mitochondrial Genome Sequence Analysis	Varietyx, Inc.
4AZZG	Maternal MitoGenome Seq + Del	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
6U87G	Maternal Relative Exome + MitoGenome Combined Test	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
6L9XG	Mito Genome Sequencing & Deletion Testing	GeneDx
253UG	Mitochondrial Disorders (mtDNA) Sequencing and Deletion Analysis by NGS	ARUP Laboratories
72G9G	Mitochondrial DNA Depletion Testing (Muscle)	LabCorp
5D36G	Mitochondrial DNA Sequencing	New Jersey Medical School - Institute of Genomic Medicine
2G4RG	Mitochondrial DNA Testing	Bionano Laboratories
6R5TG	Mitochondrial Full Genome Analysis, Next-Generation Sequencing (NGS), Varies	Mayo Clinic Laboratories
4CH3G	MITOCHONDRIAL GENOME SEQUENCING	Center for Human Genetics, Inc.
7RXFG	MITOCHONDRIAL GENOME SEQUENCING	LabCorp

GTU	Test Name	Laboratory Name
6R9BG	MITOCHONDRIAL GENOME SEQUENCING	MNG Laboratories
6R9DG	Mitochondrial Genome Sequencing + Deletion Analysis	MNG Laboratories
7RXEG	Mitochondrial Genome Sequencing and Deletion Analysis	LabCorp
28H4G	Mitochondrial Myopathy mtDNA	Johns Hopkins Medical Institutions - Pathology Laboratory
2XYNG	mtDNA Whole Genome Sequencing	Columbia University - Personalized Genomic Medicine
27KAG	MVL MitoSeq Panel	Molecular Vision Laboratory
7R7XG	Nuclear Mitochondrial Gene Panel, Next-Generation Sequencing, Varies	Mayo Clinic Laboratories
6USKG	PGmito - Mitochondrial Genome Sequencing	PreventionGenetics, part of Exact Sciences
35JUG	Rapid MitoGenome Seq + Del	Children's Hospital of Philadelphia - Division of Genomic Diagnostics

### Pan-Cancer Hereditary Cancer Panel Tests

GTU	Test Name	Laboratory Name
7DQMG	BRCA2/CHEK2 Del/Dup Testing by MLPA	PerkinElmer Genomics
76DVG	Cancer Panel	PreventionGenetics, part of Exact Sciences
76DGG	CancerNext	Ambry Genetics
6UR6G	CancerNext with RNAinsight	Ambry Genetics
7TP4G	CancerNext Expanded HBOC	Ambry Genetics
7TP2G	CancerNext: HBOC	Ambry Genetics
76E2G	CancerNext-Expanded	Ambry Genetics
6UR7G	CancerNext-Expanded with RNAinsight	Ambry Genetics
5BTUG	CentoCancer - NGS Panel (CNV included)	Centogene
5APDG	CentoCancer comprehensive panel - NGS Panel (CNV included)	Centogene
7C5QG	Color Extended	Color Genomics
7C5RG	Color Standard	Color Genomics
76E5G	Common Cancer Management Panel	GeneDx
7V2AG	Common Hereditary Cancer Panel	Baylor Genetics, LLC

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>7RX8G</b>	Common Hereditary Cancer Screening Panel	PreventionGenetics, part of Exact Sciences
<b>76BTG</b>	COMP CANCER PANEL	ACL Laboratories
<b>76CKG</b>	Comprehensive Cancer Panel	PerkinElmer Genomics
<b>76C3G</b>	Comprehensive Common Cancer Panel: HBOC	GeneDx
<b>5FV7G</b>	Comprehensive Hereditary Breast and Gynecologic Cancer Panel: 18 genes (BRCA1/2, High Risk Extended Panel and Lynch Syndrome genes) by Gene Sequencing with BRCA1/2, EPCAM, MLH1, MSH2, MSH6, PMS2 Deletion/Duplication Analysis	Medical Diagnostic Laboratories, LLC
<b>7V28G</b>	Comprehensive Hereditary Cancer Panel	Baylor Genetics, LLC
<b>5K7ZG</b>	Comprehensive Hereditary Cancer Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
<b>262EG</b>	Comprehensive Hereditary Cancer Panel	Quest Diagnostics
<b>7BP4G</b>	Comprehensive Hereditary Cancer Panel	The University of Chicago Genetic Services
<b>77HHG</b>	Comprehensive Pan-cancer analysis (DNA and RNA analysis)	Children's Hospital Colorado Precision Diagnostics Laboratory
<b>76DHG</b>	CustomNext-Cancer	Ambry Genetics
<b>7WJYG</b>	CustomNext-Cancer	University of Minnesota Physicians Outreach Laboratory
<b>6UR2G</b>	CustomNext-Cancer with RNAinsight	Ambry Genetics
<b>76CAG</b>	Empower - Multi-cancer expanded Hereditary Cancer Test	Natera
<b>76C5G</b>	Empower - Multi-cancer Hereditary Cancer Test	Natera
<b>4M9NG</b>	Full Comprehensive Cancer Panel (Deletion/Duplication Only)	Fulgent Genetics
<b>6U89G</b>	Full Comprehensive Cancer Panel (Germline)	NeoGenomics Laboratories
<b>76CUG</b>	Full Comprehensive Cancer Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>4U95G</b>	Full Comprehensive Cancer Panel (Sequencing Only)	Fulgent Genetics
<b>3HLKG</b>	Full Focus Cancer Panel (Deletion/Duplication Only)	Fulgent Genetics
<b>6U8AG</b>	Full Focus Cancer Panel (Germline)	NeoGenomics Laboratories
<b>76DMG</b>	Full Focus Cancer Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
<b>4CCHG</b>	Full Focus Cancer Panel (Sequencing Only)	Fulgent Genetics
<b>7VZFG</b>	GeneticsNow Comprehensive	GoPath Laboratories
<b>25XXG</b>	Guideline Based Hereditary Cancer Panel	Quest Diagnostics

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>7X24G</b>	GxVISION Hereditary Cancer Risk Assessment Comprehensive Inherited Cancer Gene Tests	Otogenetics
<b>6URZG</b>	HC COMMON HEREDITARY CANCER PANEL	UCSF Molecular Diagnostics Laboratory
<b>76BWG</b>	Hereditary Breast and Ovarian Cancer - Expanded and Lynch Syndrome Panel	PreventionGenetics, part of Exact Sciences
<b>76DRG</b>	Hereditary Cancer	Color Genomics
<b>7VAGG</b>	Hereditary Cancer NGS Panel	AiLife Diagnostics
<b>7VAHG</b>	Hereditary Cancer NGS Panel Rapid	AiLife Diagnostics
<b>76DXG</b>	Hereditary Cancer Panel, Sequencing and Deletion/Duplication	ARUP Laboratories
<b>7DLHG</b>	Hereditary Common Cancer Panel, Varies	Mayo Clinic Laboratories
<b>7DKGG</b>	Hereditary Expanded Cancer Panel, Varies	Mayo Clinic Laboratories
<b>76CMG</b>	High/mod Risk Panel (20 genes)	ACL Laboratories
<b>7VVFG</b>	HopeSeq Germline Confirmatory Panel (Hope Hereditary Cancer Predisposition Panel)	City of Hope National Medical Center - Molecular Diagnostic Laboratory
<b>76DKG</b>	Inherited Cancer Panel	Knight Molecular Diagnostic
<b>76CHG</b>	Integrated BRACAnalysis with Myriad myRisk Hereditary Cancer Update Test	Myriad Genetics
<b>77BJG</b>	Invitae Cancer Screen	Invitae Corporation
<b>7UZRG</b>	Invitae Common Hereditary Cancers + RNA Panel	Invitae Corporation
<b>7DGXG</b>	Invitae Common Hereditary Cancers + RNA Panel-Common Hereditary Cancers Genes Eligible for RNA Analysis	Invitae Corporation
<b>76BNG</b>	Invitae Common Hereditary Cancers Panel	Invitae Corporation
<b>7UZSG</b>	Invitae Multi-Cancer + RNA Panel	Invitae Corporation
<b>7AV8G</b>	Invitae Multi-Cancer + RNA Panel-Multi-Cancer Genes Eligible for RNA Analysis	Invitae Corporation
<b>76BMG</b>	Invitae Multi-Cancer Panel	Invitae Corporation
<b>76BUG</b>	Myriad myRisk	Myriad Genetics
<b>6RMUG</b>	myRisk Update Test	Myriad Genetics
<b>7DQGG</b>	NxGen Hereditary Cancer Panel	NxGen MDx
<b>76CWG</b>	OncoGene Dx Custom Panel	GeneDx

GTU	Test Name	Laboratory Name
7XZNG	Oncopanel germline: custom capture next generation sequencing for cancer risk	Brigham and Women's Hospital - Center for Advanced Molecular Diagnostics
7V3LG	OnkoRisk Hereditary Oncology Guideline Panel (Non-NYS)	BioReference Laboratories
7V3MG	OnkoRisk Hereditary Oncology Management Panel (Non-NYS)	BioReference Laboratories
7V3KG	OnkoRisk Hereditary Oncology Plus Panel (Non-NYS)	BioReference Laboratories
78FJG	Pan-cancer DNA Analysis	Children's Hospital Colorado Precision Diagnostics Laboratory
2TQXG	PrevenTest	Advanced Molecular Diagnostics, LLC
74G2G	Rest of Comprehensive Common Cancer Panel: HBOC	GeneDx
7RVTG	Riskguard	Exact Sciences Laboratories, LLC
7B7FG	STAT Comprehensive Cancer Panel	PerkinElmer Genomics
7TS6G	Targeted Oncology Panel Next Generation Sequencing Bone Marrow	Cleveland Clinic Laboratories
7TS7G	Targeted Oncology Panel Next Generation Sequencing Cytology	Cleveland Clinic Laboratories
7TS9G	Targeted Oncology Panel Next Generation Sequencing Other	Cleveland Clinic Laboratories
7VPIG	Tempus  xG Common Hereditary Cancers 36 genes (all other hereditary cancer indications)	Tempus AI, Inc.
7VPFG	Tempus  xG+ Extended Hereditary Cancers 88 genes (all other hereditary cancer indications)	Tempus AI, Inc.
76D8G	VistaSeq Hereditary Cancer Panel	Integrated Genetics
76BXG	VistaSeq Hereditary Cancer Panel	LabCorp
76BRG	VistaSeq Hereditary Cancer Panel	Labcorp   Oncology

### Pharmacogenetic Neuropsychiatric Panel Tests <sup>1</sup>

GTU	Test Name	Laboratory Name
7T3YG	Comprehensive Pharmacogenetics Panel	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
2FGMG	Drug Metabolizing Enzymes Panel (CYP2D6, CYP2C9, CYP2C19), DNA analysis	Shodair Children's Hospital - Genetics Laboratory
7VN9G	EffectiveRx Neuropsychiatric Panel	GENETWORx
2AUXG	GeneSight Psychotropic	Myriad Genetics



GTU	Test Name	Laboratory Name
33Y2G	Genetic Pharmacology Psychiatry Drug Panel	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
6S83G	Genomind PGx Test	Genomind
7S9DG	IDgenetix	Castle Biosciences Inc
7Y2XG	iPsychGx	iGenomeDx
7WZVG	Otogenetics PGx Mental Health	Otogenetics
7URYG	PGx: Mental Health Panel	Helix
7QENG	Pharmacogenetics Panel: Psychotropics	ARUP Laboratories
7Y99G	Pharmacogenetics Panel: Psychotropics	University of Illinois at Chicago - Biochemical Genetics Laboratory
7UNVG	Pharmacogenetics Panel: Psychotropics, with GeneDose Access	ARUP Laboratories
7PRTG	Psych HealthPGx Panel	RPRD Diagnostics LLC
6UAFG	Psychotropic Pharmacogenomics Gene Panel, Varies	Mayo Clinic Laboratories
3WG4G	SureGene	Clinical Reference Laboratory
33HHG	Tempus nP	Tempus AI, Inc.

### Prostate Cancer Prognostic Algorithmic Tests

GTU	Test Name	Laboratory Name
7Y3JG	ArteraAI	Artera
7BN5G	Decipher Prostate Genomic Classifier	Veracyte
7Q8UG	Genomic Prostate Score® Test	MDx Health
6UUUG	Prolaris	Myriad Genetics
6UU7G	Prolaris Biopsy	Myriad Genetics

### Rapid Genome Sequencing Tests

GTU	Test Name	Laboratory Name
7VRKG	GenomeXpress® - Duo - Rapid Genome Sequencing	GeneDx
7VRLG	GenomeXpress® - Proband - Rapid Genome Sequencing	GeneDx

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>6UNRG</b>	GenomeXpress® - Trio - Rapid Genome Sequencing	GeneDx
<b>6R9TG</b>	MNGenome STAT DUO Sequencing	MNG Laboratories
<b>6R9RG</b>	MNGenome STAT Proband Only Sequencing	MNG Laboratories
<b>6R9NG</b>	MNGenome STAT TRIO Sequencing	MNG Laboratories
<b>3VAEG</b>	PGnome Rapid	PreventionGenetics, part of Exact Sciences
<b>3CSHG</b>	PGnome® - RAPID - Duo	PreventionGenetics, part of Exact Sciences
<b>3VD3G</b>	PGnome® - RAPID - Trio	PreventionGenetics, part of Exact Sciences
<b>7V9ZG</b>	Rapid Duo WGS	AiLife Diagnostics
<b>86SYG</b>	Rapid Duo Whole Genome Sequencing	Baylor Genetics, LLC
<b>7V9VG</b>	Rapid Proband WGS	AiLife Diagnostics
<b>86SZG</b>	Rapid Proband Whole Genome Sequencing	Baylor Genetics, LLC
<b>7U3JG</b>	Rapid Targeted Analysis of Family Member	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
<b>7V9XG</b>	Rapid Trio WGS	AiLife Diagnostics
<b>7AUWG</b>	Rapid Trio Whole Genome Sequencing	Baylor Genetics, LLC
<b>7T4JG</b>	Rapid Whole Genome Sequencing	ARUP Laboratories
<b>7RNXG</b>	Rapid Whole Genome Sequencing Duo	Rady Children's Institute for Genomic Medicine
<b>7RNYG</b>	Rapid Whole Genome Sequencing Proband Only	Rady Children's Institute for Genomic Medicine
<b>7RNZG</b>	Rapid Whole Genome Sequencing Trio	Rady Children's Institute for Genomic Medicine
<b>7T4LG</b>	Rapid Whole Genome Sequencing, Familial Control	ARUP Laboratories
<b>7T4KG</b>	Rapid Whole Genome Sequencing, Familial Control with Report	ARUP Laboratories
<b>7ZR9G</b>	STAT Prenatal Whole Genome Sequencing, DUO	PerkinElmer Genomics
<b>7ZR7G</b>	STAT Prenatal Whole Genome Sequencing, Proband ONLY	PerkinElmer Genomics
<b>7ZRBG</b>	STAT Prenatal Whole Genome Sequencing, QUAD	PerkinElmer Genomics
<b>7ZR8G</b>	STAT Prenatal Whole Genome Sequencing, TRIO	PerkinElmer Genomics
<b>7RSEG</b>	Ultra-rapid Whole Genome Sequencing	Rady Children's Institute for Genomic Medicine
<b>7U24G</b>	Whole Genome Sequencing, Rapid-Duo (Baylor)	University of Michigan - Michigan Medical Genetics Laboratories
<b>7U25G</b>	Whole Genome Sequencing, Rapid-Proband (Baylor)	University of Michigan - Michigan Medical Genetics Laboratories

## Thyroid Cancer Diagnostic Algorithmic Tests

GTU	Test Name	Laboratory Name
2YBRG	Afirma Genomic Sequencing Classifier	Veracyte
7S8XG	Afirma Xpression Atlas	Veracyte
6LJEG	Cytology + Reflex to ThyGeNEXT only	Interpace Diagnostics
6LJCG	Cytology + Reflex to ThyGeNEXT w/Reflex to ThyraMIR	Interpace Diagnostics
6UW7G	ThyGeNEXT only	Interpace Diagnostics
6LJDG	ThyGeNEXT w/ Reflex to ThyraMIR	Interpace Diagnostics
6UUFG	ThyroSeq	CBLPath
6UTYG	ThyroSeq® Test Details	University of Pittsburgh Medical Center - Division of Molecular Diagnostics

## TPMT and NUDT15 Typing Tests

GTU	Test Name	Laboratory Name
33HDG	NT Panel (NUDT15, TPMT)	RPRD Diagnostics LLC
48S9G	PGX TPMT and NUDT15 Genotyping	Indiana University Molecular Genetics Diagnostic Laboratory - Indiana University Medical Center, School of Medicine
6RA6G	Thiopurine Methyltransferase (TPMT) and Nudix Hydrolase (NUDT15) Genotyping, Varies	Mayo Clinic Laboratories
3ADCG	TPMT and NUDT15	ACL Laboratories
7C3XG	TPMT and NUDT15	Allina Health Laboratory
2533G	TPMT and NUDT15	ARUP Laboratories
7BEHG	TPMT and NUDT15	Clinical Pathology Laboratories
34EWG	TPMT and NUDT15	University of California Davis Health System - UCDMC - Molecular and Cytogenetic Laboratory
7WSFG	TPMT and NUDT15	University of Minnesota Physicians Outreach Laboratory
7U5AG	TPMT and NUDT15	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
79YEG	TPMT and NUDT15 Genotype	ProPath
7TRSG	TPMT and NUDT15 Genotyping	LabCorp
34EKG	TPMT and NUDT15 Genotyping	Stanford Clinical Laboratories - Biochemical Genetics Laboratory

GTU	Test Name	Laboratory Name
2KQGG	TPMT and NUDT15 Genotyping	University of North Carolina Hospitals - Molecular Genetics

### Tumor Specific BCR/ABL Quantitation and Breakpoint Analysis Tests

GTU	Test Name	Laboratory Name
2YTJG	BCR / ABL - t(9;22) by RT-PCR (Quantitative)	Labcorp   Oncology
3LU5G	BCR ABL P210 QUANT	SUNY Upstate Medical University
7W5EG	BCR ABL1 Major Breakpoint Quant P210	University of Minnesota Physicians Outreach Laboratory
7BQPG	BCR/ABL by FISH	Allina Health Laboratory
6ND3G	BCR/ABL D-FISH	Center for Genetic Testing at Saint Francis
3KP8G	BCR/ABL qRT PCR, Major p210 and Minor p190 Mutations, Minimal Residual Disease	Molecular Pathology Laboratory Network
2V82G	BCR/ABL Quantification by RT-PCR	BioReference Laboratories
6YXMG	BCR/ABL t(9;22) major (p210) IS Quantitative	Molecular Diagnostic Laboratory - Barnes Jewish Hospital
6LE9G	BCR/ABL1 (T(9;22)) RNA Quantitative with Interpretation	University of Iowa Hospitals and Clinics - Department of Pathology
6UV4G	BCR/ABL1 (T(9;22)) RNA Quantitative with Interpretation	University of Iowa Hospitals and Clinics - Department of Pathology
7VVVG	BCR/ABL1 Kinase Mutation Analysis by NGS	City of Hope National Medical Center - Molecular Diagnostic Laboratory
5SUVG	BCR/ABL1 p190 Quantitative PCR Blood	Cleveland Clinic Laboratories
5UA8G	BCR/ABL1 p190 Quantitative PCR Bone Marrow	Cleveland Clinic Laboratories
7TH5G	BCR/ABL1 p210 and p190 Diagnostic PCR Blood	Cleveland Clinic Laboratories
7TH6G	BCR/ABL1 p210 and p190 Diagnostic PCR Bone Marrow	Cleveland Clinic Laboratories
5UAAG	BCR/ABL1 p210 Quantitative PCR Blood	Cleveland Clinic Laboratories
6LQRG	BCR/ABL1 p210 Quantitative PCR Bone Marrow	Cleveland Clinic Laboratories
5PH3G	BCR-ABL Diagnostic, Blood	Johns Hopkins Medical Institutions - Pathology Laboratory
4GZ7G	BCR-ABL Diagnostic, Bone Marrow	Johns Hopkins Medical Institutions - Pathology Laboratory
5W36G	BCR-ABL Mutation	University of Illinois at Chicago - Biochemical Genetics Laboratory
5PGYG	BCR-ABL p190 Followup, Blood	Johns Hopkins Medical Institutions - Pathology Laboratory
4GLHG	BCR-ABL p190 Followup, Bone Marrow	Johns Hopkins Medical Institutions - Pathology Laboratory
4AGMG	BCR-ABL p210 Followup, Blood	Johns Hopkins Medical Institutions - Pathology Laboratory

GTU	Test Name	Laboratory Name
3AUMG	BCR-ABL p210 Followup, Bone Marrow	Johns Hopkins Medical Institutions - Pathology Laboratory
723HG	BCR-ABL1 Gene Rearrangement, Quantitative, PCR	Quest Diagnostics
7WVTG	BCR-ABL1 High Sensitivity Major p210	University of Minnesota Physicians Outreach Laboratory
8E7CG	BCR-ABL1 Major (p210) by Quantitative RT-PCR for Monitoring	Medfusion
8E7GG	BCR-ABL1 Major (p210) by Quantitative RT-PCR with Reflex to Minor (p190) for Baseline Quantitation	Medfusion
2ZTAG	BCR-ABL1 Non-Standard p230	NeoGenomics Laboratories
7BDCG	BCR-ABL1 QUAL, RFLX QUANT, NEW DIAGNOSIS	Clinical Pathology Laboratories
7AEXG	BCR-ABL1 QUAL, RFLX QUANT, NEW DIAGNOSIS, WHOLE BLOOD	Clinical Pathology Laboratories
7AF2G	BCR-ABL1 QUANT, MAJOR, WHOLE BLOOD	Clinical Pathology Laboratories
7AEZG	BCR-ABL1 QUANT, MINOR, WHOLE BLOOD	Clinical Pathology Laboratories
73BFG	BCR-ABL1 Standard p210, p190	NeoGenomics Laboratories
6X7DG	BCR-ABL1 Transcript Detection for Chronic Myelogenous Leukemia (CML) and Acute Lymphocytic Leukemia (ALL), Quantitative	LabCorp
86NEG	BCR-ABL1, Major (p210), Quantitative	Molecular Diagnosis - University of Rochester Medical Center - Strong Memorial Hospital
7BDEG	BCR-ABL1, QUANT, CML MONITORING (p210)	Clinical Pathology Laboratories
7BDAG	BCR-ABL1, QUANT, MINOR (p190)	Clinical Pathology Laboratories
5YZ4G	FISH (9_22)	SUNY Upstate Medical University
6VXDG	QUANTITATIVE DETECTION OF BCR-ABL1 MAJOR FORM (p210)	University of California Davis Health System - UCDCM - Molecular and Cytogenetic Laboratory

### Tumor Specific Lung Cancer Panel Tests

GTU	Test Name	Laboratory Name
8EEQG	50SEQ with MSI Panel	Medfusion
7Y3UG	ALK, RET, ROS1 fusion, MET amplification by FISH	University of Pittsburgh Medical Center - Division of Molecular Diagnostics
5X7JG	BRAF/EGFR NGS if EGFR neg rfx to ALK FISH if neg rfx ROS1	BioReference Laboratories
2LVVG	Comprehensive Lung Panel	University of Iowa Hospitals and Clinics - Department of Pathology

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>7UQRG</b>	Comprehensive LungSEQPlus Panel	Medfusion
<b>7SNHG</b>	Comprehensive OnkoSight Advanced Lung Panel	BioReference Laboratories
<b>7TMTG</b>	Comprehensive OnkoSight Lung Panel + GeneStrat Liquid Biopsy	BioReference Laboratories
<b>5XBGG</b>	EGFR and KRAS, if both neg, reflex ALK, if neg reflex ROS1	BioReference Laboratories
<b>4NUWG</b>	FISH Panel : Non-Small Cell Lung Cancer	Cincinnati Children's Hospital Medical Center - Molecular Genetics and Cytogenetics Laboratories
<b>6LQSG</b>	Lung adenocarcinoma targeted NGS panel	Allina Health Laboratory
<b>7Q8RG</b>	Lung Cancer Mutation Analysis	UCLA Diagnostic Molecular Pathology Laboratory
<b>7VZQG</b>	Lung Cancer Mutation Panel	ARUP Laboratories
<b>6WW7G</b>	Lung Cancer Mutation Panel (EGFR, KRAS, ALK)	Quest Diagnostics
<b>42L6G</b>	Lung Cancer NGS Panel	University of Michigan - Michigan Medical Genetics Laboratories
<b>3ZETG</b>	Lung Cancer Panel by Next Generation Sequencing	Molecular Pathology Laboratory Network
<b>7AFUG</b>	LUNG CANCER TARGETED GENE	Clinical Pathology Laboratories
<b>7R8HG</b>	LungSEQ Concurrent Panel, without PD-L1	Quest Diagnostics
<b>8EEXG</b>	LUNGSEQ Panel	Medfusion
<b>7AUFG</b>	LUNGSEQ Panel	Quest Diagnostics
<b>8EERG</b>	LUNGSEQ Panel Concurrent	Medfusion
<b>8EFGG</b>	LUNGSEQ Panel with FISH Concurrent - no PD-L1	Medfusion
<b>7RWLG</b>	MayoComplete Lung Cancer Mutations, Next-Generation Sequencing, Tumor	Mayo Clinic Laboratories
<b>7RWMG</b>	MayoComplete Lung Cancer-Targeted Gene Panel with Rearrangement, Tumor	Mayo Clinic Laboratories
<b>7RWKG</b>	MayoComplete Lung Rearrangements, Rapid Test, Tumor	Mayo Clinic Laboratories
<b>7BHXG</b>	NeoTYPE® DNA & RNA - Lung	NeoGenomics Laboratories
<b>6YZRG</b>	NeoTYPE® Lung Tumor Profile	NeoGenomics Laboratories
<b>262FG</b>	Non-Small-cell Lung Cancer (NSCLC) Therapeutic Profile II	LabCorp
<b>6ST7G</b>	Oncology FISH Analysis - Non-small Cell Lung Carcinoma Panel	Baylor Genetics, LLC
<b>86LVG</b>	OnkoSight Advanced Comprehensive Lung	BioReference Laboratories
<b>86LLG</b>	OnkoSight Advanced Lung Cancer NGS Panel	BioReference Laboratories

GTU	Test Name	Laboratory Name
6U25G	OnkoSight Advanced Lung Cancer Panel, ALK and ROS1 by FISH	BioReference Laboratories
26QHG	Targeted Gene Panel with Fusions, Lung Cancer	Palo Verde Laboratory - division of Sonora Quest Lab

### Tumor-Type Agnostic Solid Tumor Molecular Profiling Panel Tests (51 or more genes)

GTU	Test Name	Laboratory Name
86SBG	Altera Tumor Profiling	Natera
3CQFG	Columbia Combined Cancer Panel (CCCP)	Columbia University - Personalized Genomic Medicine
2CV6G	Comprehensive NGS Solid Tumor Mutation Panel	UCSD - Molecular Diagnostics & Cytogenetics Laboratory
2D5CG	Comprehensive Solid Tumor (DNA and RNA analysis)	Children's Hospital Colorado Precision Diagnostics Laboratory
7VQWG	Comprehensive Solid Tumor Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
72Y9G	Endeavor Comprehensive Solid Tumor Profile	PathGroup
6R4AG	FoundationOne CDx	Foundation Medicine
7UJGG	Fusion Transcript Panel	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
3V7ZG	GatorSeq (NGS Panel)	University of Florida - Health Pathology Laboratories
7XMNG	GeneAssure Solid Tumor NGS Assay	University of Illinois at Chicago - Biochemical Genetics Laboratory
72MCG	GeneTrails Comprehensive Solid Tumor Panel	Knight Molecular Diagnostic
6YSYG	GeneTrails Solid Tumor Panel with Reflex to Solid Tumor Fusion Gene Panel	Knight Molecular Diagnostic
86PJG	Guardant360 TissueNext	Guardant Health
6ZQMG	Iowa Cancer Mutation and RNA Fusion Profile and Interpretation	University of Iowa Hospitals and Clinics - Department of Pathology
7AWEG	MayoComplete Solid Tumor Panel, Next-Generation Sequencing, Tumor	Mayo Clinic Laboratories
292AG	MI Cancer Seek	Caris Life Sciences
6WUTG	MI Tumor Seek Hybrid	Caris Life Sciences
6UUMG	MSK-IMPACT	Memorial Sloan Kettering Cancer Center
7SSDG	Neo Comprehensive - Solid Tumor	NeoGenomics Laboratories
7529G	NeXT Dx™	Personalis

<b>GTU</b>	<b>Test Name</b>	<b>Laboratory Name</b>
<b>34WBG</b>	NGS Solid Tumor Panel	Johns Hopkins Medical Institutions - Pathology Laboratory
<b>7V34G</b>	OncoAlly Solid Tumor Analysis	Variantyx, Inc.
<b>7BNDG</b>	OncoExTra®	Exact Sciences Laboratories, LLC
<b>2YA6G</b>	OncoGxOne	Admera Health
<b>7XZMG</b>	Oncopanel: 447 gene custom capture next generation sequencing	Brigham and Women's Hospital - Center for Advanced Molecular Diagnostics
<b>76ETG</b>	Oncoplex Select Cancer Gene Panel	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>76EQG</b>	Oncoplex Select Director	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>76EYG</b>	Oncoplex Select Interpretation	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>76EZG</b>	Oncoplex Select Methods	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>76ESG</b>	Oncoplex Select Panel	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>76ERG</b>	Oncoplex Select Result	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>76EXG</b>	Oncoplex Select Tested Sample	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
<b>7UUYG</b>	OnkoSight Advanced 523 Gene NGS Panel	BioReference Laboratories
<b>7SSVG</b>	OnkoSight Advanced 523 Gene NGS Reanalysis with PierianDx	BioReference Laboratories
<b>7URPG</b>	OnkoSight Advanced 523 Gene NGS with PierianDx Interpretation	BioReference Laboratories
<b>2FLHG</b>	Paired Tumor/Normal – Comprehensive Solid Tumor Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
<b>2FLGG</b>	Paired Tumor/Normal – Solid Tumor Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
<b>7TKLG</b>	Pan-Cancer Solid Tumor NGS Panel	UCLA Diagnostic Molecular Pathology Laboratory
<b>7UJFG</b>	PennSeq Solid Tumor Panel	University of Pennsylvania School of Medicine - Molecular Pathology Laboratory
<b>2K9WG</b>	PGDx elio tissue complete	Personal Genome Diagnostics
<b>7A5HG</b>	Precise Tumor	Myriad Genetics
<b>2DSFG</b>	RNA Fusion Analysis	Children's Hospital Colorado Precision Diagnostics Laboratory



GTU	Test Name	Laboratory Name
7ATMG	SOLID TUMOR COMPREHENSIVE PANEL (Combined solid tumor mutation and fusion panels)	Texas Children's Hospital
2D5BG	Solid Tumor DNA Analysis	Children's Hospital Colorado Precision Diagnostics Laboratory
7SVMG	Solid Tumor Expanded Panel	Quest Diagnostics
3CSSG	Solid Tumor Molecular Profile	Fulgent Genetics
2NSPG	Solid Tumor NGS Panel	University of Michigan - Michigan Medical Genetics Laboratories
2FRPG	Solid Tumor Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
6UWNG	Solid tumor panel - Somatic Mutation Analysis	Centogene
2LEVG	Solid Tumor Targeted Cancer Gene Panel by Next-Generation Sequencing, NGS	Medical College of Wisconsin - Human and Molecular Genetics Center
7C3KG	Solid tumor targeted NGS panel	Allina Health Laboratory
7UQMG	Solid TumorSEQ Expanded Panel	Medfusion
2CPUG	Strata Select	Strata Oncology
7TXFG	Tempus xT (tumor only), Paraffin Block	University of Michigan - Michigan Medical Genetics Laboratories
7TXHG	Tempus xT Targeted Panel (Tumor plus Blood)	University of Michigan - Michigan Medical Genetics Laboratories
7TXJG	Tempus xT Targeted Panel (Tumor plus Saliva)	University of Michigan - Michigan Medical Genetics Laboratories
7VPEG	Tempus  xT CDx: FDA-approved Companion Diagnostic	Tempus AI, Inc.
86SDG	Tempus  xT: Targeted panel of 648 genes (Solid Tumor Only)	Tempus AI, Inc.
6RWJG	TempusTM Test	ACL Laboratories
7Y3KG	UPMC Oncomine	University of Pittsburgh Medical Center - Division of Molecular Diagnostics
6LS8G	UW OncoPlex Cancer Gene Panel	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory
5LYGG	UW OncoPlex Single Gene	University of Washington Medical Center - Laboratory Medicine-Genetics Laboratory

### Tumor-Type Agnostic Solid Tumor Molecular Profiling Panel Tests (5-50 genes)

GTU	Test Name	Laboratory Name
2LVRG	Cancer Mutation Profiling and Interpretation	University of Iowa Hospitals and Clinics - Department of Pathology
2LCCG	Cancer Mutation Profiling Blood Paired Normal Testing	University of Iowa Hospitals and Clinics - Department of Pathology

GTU	Test Name	Laboratory Name
2XYRG	Columbia Solid Tumor (CSTP) Subpanels	Columbia University - Personalized Genomic Medicine
5BZJG	Columbia Solid Tumor Panel (CSTP)	Columbia University - Personalized Genomic Medicine
7BZJG	GIST targeted NGS panel	Allina Health Laboratory
5BRWG	NGS Solid Tumor Hotspot Panel	Johns Hopkins Medical Institutions - Pathology Laboratory
86LTG	OnkoSight Advanced Solid Tumor NGS Panel	BioReference Laboratories
4ZPLG	Solid Tumor 15 Genes Panel by NGS	Beaumont Laboratories - Molecular Pathology Lab
2E5TG	Solid Tumor Core Panel	Quest Diagnostics
6VAPG	Solid Tumor Mutation Panel	Ohio State University - Molecular Pathology Laboratory
6V3PG	Solid Tumor Mutation Panel 15	ACL Laboratories
7DK3G	Solid Tumor Mutation Panel, Sequencing	ARUP Laboratories
7PVTG	Solid Tumor Precision Panel	Nebraska Medical Center - Molecular Diagnostic Laboratory
7UQNG	Solid TumorSEQ Core Panel	Medfusion
7XWDG	Tumor (NOS) - Custom Panel - 5 Probes	John Hopkins All Children's Hospital

### Tumor-Type Agnostic Solid Tumor Molecular Profiling Panels Tests with IHC and Cytogenetic Analyses

GTU	Test Name	Laboratory Name
7VVCG	HopeSeq FNA Comprehensive Panel	City of Hope National Medical Center - Molecular Diagnostic Laboratory
7VVDG	HopeSeq Solid Tumors Comprehensive Panel	City of Hope National Medical Center - Molecular Diagnostic Laboratory
7SS9G	Lumera NGS Profile	Fulgent Genetics
7SSAG	Lumera Xpanded Profile	Fulgent Genetics
7YCVG	MI Cancer Seek + IHCs and Other Tests by Tumor Type	Caris Life Sciences
7SPFG	MI Tumor Seek Hybrid + IHCs and Other Tests by Tumor Type	Caris Life Sciences
6WRQG	NeoTYPE® Discovery Profile for Solid Tumors	NeoGenomics Laboratories
74TLG	NeoTYPE® Precision Profile for Solid Tumors	NeoGenomics Laboratories
6Y7FG	OmniSeq Advance Assay	Labcorp   Oncology
87BHG	OmniSeq INSIGHT	LabCorp

## Uveal Melanoma Prognostic Algorithmic Tests

GTU	Test Name	Laboratory Name
6UTUG	DecisionDx-UM	Castle Biosciences Inc
2BLLG	Uveal Melanoma Prognostic Test	LabCorp

## X-Linked Intellectual Disability Panel Tests <sup>1</sup>

GTU	Test Name	Laboratory Name
2FM3G	90-gene XLID Panel	Children's Hospital of Philadelphia - Division of Genomic Diagnostics
7V35G	Genomic Unity® X-linked Intellectual Disability Plus Analysis	Varietyx, Inc.
4XMCG	PANEL 2 (ATPGAP2, OPHN1, SLC6A8, SYN1) SEQUENCING ONLY	Center for Human Genetics, Inc.
4SMHG	PANEL 2 MLPA (OPHN1, SLC6A8)	Center for Human Genetics, Inc.
78KLG	PGXome Custom - Intellectual Disability, X-linked	PreventionGenetics, part of Exact Sciences
23XZG	XLID (X-Linked Intellectual Disability) NGS Panel (Deletion/Duplication Only)	Fulgent Genetics
5DSSG	XLID (X-Linked Intellectual Disability) NGS Panel (Sequencing & Deletion/Duplication)	Fulgent Genetics
34N9G	XLID (X-Linked Intellectual Disability) NGS Panel (Sequencing Only)	Fulgent Genetics
4S99G	XLID TIER 1 SEQUENCING	Center for Human Genetics, Inc.
3KWVG	XLID TIER 2 MLPA	Center for Human Genetics, Inc.
3KMHG	XLID TIER 2 SEQUENCING	Center for Human Genetics, Inc.
5YXXG	XLID TIER 3 MLPA ONLY	Center for Human Genetics, Inc.
2BSYG	XLID TIER 3 SEQUENCING ONLY	Center for Human Genetics, Inc.
5XPVG	XLID TIER 4 MLPA	Center for Human Genetics, Inc.
55YDG	XLID TIER 4 SEQUENCING ONLY	Center for Human Genetics, Inc.
2BYZG	X-linked Intellectual Disability (NGS Panel and Copy Number Analysis + Fragile X Repeat Expansion & Methylation)	MNG Laboratories
4YJGG	X-linked Intellectual Disability Panel	PreventionGenetics, part of Exact Sciences
7727G	X-Linked Non-Specific Intellectual Disability Panel	The University of Chicago Genetic Services

<sup>1</sup>Category and tests therein are considered experimental and investigational (E/I).