

PATIENT INFORMATION

First name		MI	Last name	
Date of birth (MM/DD/YYYY)	Sex <input type="radio"/> M <input type="radio"/> F	MRN (medical record number)		
Ancestry <input type="radio"/> Asian <input type="radio"/> Black/African American <input type="radio"/> White/Caucasian <input type="radio"/> Ashkenazi Jewish <input type="radio"/> Hispanic <input type="radio"/> Native American <input type="radio"/> Pacific Islander <input type="radio"/> French Canadian <input type="radio"/> Sephardic Jewish <input type="radio"/> Mediterranean <input type="radio"/> Other:				
Email address (for report access after release by medical professional)				
Phone		Is this patient deceased? <input type="radio"/> Yes <input type="radio"/> No Deceased date:		
Address			City	
State	ZIP code	Country		

SPECIMEN INFORMATION

Label each tube with the patient's full name, date of birth, and specimen collection date. A requisition form MUST accompany each specimen. www.invitae.com/specimen-requirements

Specimen type : Blood Saliva Assisted saliva DNA - source:
DNA must be extracted in a CLIA or other suitably certified laboratory
We are unable to accept blood/saliva from patients with:

- Allogeneic bone marrow transplants
- Blood transfusion <2 weeks prior to specimen collection

Collection date (MM/DD/YYYY) *If not provided, date will be 1 day prior to our receipt of specimen. For DNA, provide date retrieved from archive.*

Special cases : History of/current hematologic malignancy Resubmission

REASON FOR TESTING

Primary indication: Hereditary breast and ovarian cancer (HBOC)
 Lynch Syndrome
 Polyposis (FAP)
 Other: _____

ICD-10 codes	Previous results
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Testing for a personal history of disease? Yes No If yes, describe below.
 Age at diagnosis: _____

ORGANIZATION INFORMATION

Organization name and address

Organization name

Phone Fax

Address City

State ZIP code Country

Primary clinical contact

Name Role/title

Phone NPI

Email address (for report access)

Ordering physician

Same as primary clinical contact

Name NPI

Email address (for report access)

Additional clinical or laboratory contact (optional)

Name Email address (for report access)

Letter of Medical Necessity (LMN)

- I have attached an LMN and/or other documentation for insurance billing purposes.
 I agree to allow Invitae to transfer the information from this requisition to an LMN and/or other documentation using the ordering physician's name as the signature for insurance billing.

Family history? Yes No If yes, describe in detail below or attach pedigree. If there is a known familial variant, indicate here.

INSURANCE BILLING (U.S. ONLY)

I have attached a copy of the patient's card

Insurance company name	Member ID#
Patient relation to policy holder: <input type="radio"/> Self <input type="radio"/> Child <input type="radio"/> Spouse <input type="radio"/> Other	
Policy holder name	Prior-authorization #

PATIENT PAY BILLING

Invitae will send an electronic invoice to the patient email listed above

INSTITUTIONAL BILLING

Send invoice to organization address above

Billing contact name	Phone	Fax
Billing email address		
Billing address		City
State	ZIP code	Country

OTHER BILLING Invitae partner code:

By signing this form, the medical professional acknowledges that the individual/family member authorized to make decisions for the individual (collectively, the "Patient") has been supplied information regarding and consented to undergo genetic testing, substantially as set forth in Invitae's Informed Consent for Genetic Testing (www.invitae.com/patient-consent), and has been informed that Invitae may notify them of clinical updates related to genetic test results (in consultation with the ordering medical professional as indicated). The Patient has further been informed and hereby authorizes Invitae Corporation ("Invitae") and its designees to release information concerning testing to their insurer in order to process and/or appeal claims on behalf of the Patient. For amounts received directly, the Patient agrees to remit payment to Invitae for testing services rendered. I acknowledge that I offered pre-test Genetic Counseling to the Patient, if required by their insurer. In addition to the above, I attest that I am the ordering physician, or I am authorized by the ordering physician to order this test, or I am authorized under applicable state law to order this test.

Medical professional signature	Date
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ORDER INSTRUCTIONS

Select a pre-curated test, combine multiple tests, or customize your own test for each patient. Invitae's pricing is per clinical area for initial order and re-requisition. All tests on this form fall into a single clinical area. If your order contains tests from multiple clinical areas, you will need to send in two sample tubes and your order will represent two billable events. Your test results will be delivered as two reports. Please contact Client Services with any questions. For Invitae's full test menu, please visit www.invitae.com.

RE-REQUISITION

Invitae offers one re-requisition at no additional charge within 90 days for genes within the original clinical area. For more information and to request online, please visit www.invitae.com/re-requisition.

FAMILY VARIANT TESTING

Invitae offers Family Variant Testing at no additional charge within 90 days for the genes in which the original family member's variant was identified. In such cases, please use the Family Variant Testing/VUS Resolution requisition form (TRF920), available at www.invitae.com/forms.

PRELIMINARY-EVIDENCE GENES

Invitae's primary panels contain genes for which there is definitive evidence that variants in these genes cause specific diseases. Preliminary-evidence genes are genes for which there is only early evidence of a relationship between variants in these genes and specific diseases. All preliminary-evidence genes are indicated as such on the requisition form below.

ASSAY

Invitae is a CAP-accredited and CLIA-certified clinical diagnostic laboratory performing full-gene sequencing and deletion/duplication analysis using next-generation sequencing technology (NGS). Search for details on the analysis of any gene in our test catalog at www.invitae.com/physician/search.

Invitae continually updates its panels based on the most recent evidence. Please note that if an order is placed using an older version of this form, Invitae reserves the right to upgrade any ordered panel(s) to the current version(s). To avoid confusion, please consider placing your order using our online test catalog.

To request a complimentary specimen collection kit visit www.invitae.com/request-a-kit

SHIPPING INSTRUCTIONS

Please ship specimen overnight in insulated containers:

Attn: Invitae Client Services
1400 16th Street
San Francisco, CA 94103
USA

FREQUENTLY-ORDERED PANELS

Test code	Test name	# gene(s)	Gene list
Cross-Cancer			
<input type="radio"/> 01101	Invitae Multi-Cancer Panel	83	ALK, APC, ATM, AXIN2, BAP1, BARD1, BLM, BMPR1A, BRCA1, BRCA2, BRIP1, CASR, CDC73, CDH1, CDK4, CDKN1B, CDKN1C, CDKN2A, CEBPA, CHEK2, CTNNA1, DICER1, DIS3L2, EGFR, EPCAM, FH, FLCN, GATA2, GPC3, GREM1, HOXB13, HRAS, KIT, MAX, MEN1, MET, MIF, MLH1, MSH2, MSH3, MSH6, MUTYH, NBN, NF1, NF2, NTHL1, PALB2, PDGFRA, PHOX2B, PMS2, POLD1, POLE, POT1, PRKAR1A, PTCH1, PTEN, RAD50, RAD51C, RAD51D, RB1, RECQL4, RET, RUNX1, SDHA, SDHAF2, SDHB, SDHC, SDHD, SMAD4, SMARCA4, SMARCB1, SMARCE1, STK11, SUFU, TERC, TERT, TMEM127, TP53, TSC1, TSC2, VHL, WRN, WT1
<input type="radio"/> 01102	Invitae Common Hereditary Cancers Panel	46	APC, ATM, AXIN2, BARD1, BMPR1A, BRCA1, BRCA2, BRIP1, CDH1, CDKN2A, CHEK2, CTNNA1, DICER1, EPCAM, GREM1, HOXB13, KIT, MEN1, MLH1, MSH2, MSH3, MSH6, MUTYH, NBN, NF1, NTHL1, PALB2, PDGFRA, PMS2, POLD1, POLE, PTEN, RAD50, RAD51C, RAD51D, SDHA, SDHB, SDHC, SDHD, SMAD4, SMARCA4, STK11, TP53, TSC1, TSC2, VHL

STAT Turnaround Time

SPECIAL INSTRUCTIONS: These panels have a guaranteed turnaround time of 5–12 calendar days from when the specimen is received. Genes cannot be removed and they cannot be ordered with any other non-STAT panels or genes. The option to re-requisition additional genes is available (see details above). Only blood and saliva are accepted (DNA is not accepted).

Test code	Test name	# gene(s)	Gene list
<input type="radio"/> 50001	Invitae Breast Cancer STAT Panel	7	BRCA1, BRCA2, CDH1, PALB2, PTEN, STK11, TP53
<input type="radio"/> 50001.1	Add-on ATM gene	1	ATM
<input type="radio"/> 50001.2	Add-on CHEK2 gene	1	CHEK2
<input type="radio"/> 50002	Invitae BRCA1 and BRCA2 STAT Panel	2	BRCA1, BRCA2

CANCER PANELS BY ORGAN SYSTEM

Test code	Test name	# gene(s)	Gene list
Breast Cancer			
<input type="radio"/> 01206	Invitae Breast Cancer Guidelines-Based Panel	11	ATM, BRCA1, BRCA2, CDH1, CHEK2, NBN, NF1, PALB2, PTEN, STK11, TP53
<input type="radio"/> 01202	Invitae Breast Cancer Panel	14	ATM, BARD1, BRCA1, BRCA2, BRIP1, CDH1, CHEK2, NBN, NF1, PALB2, PTEN, RAD50, STK11, TP53
<input type="radio"/> 01202.1	Add-on preliminary-evidence genes	12	AKT1, FAM175A, FANCC, MRE11, MUTYH, PIK3CA, RAD51C, RAD51D, RINT1, SDHB, SDHD, XRCC2
Breast and Gynecologic Cancers			
<input type="radio"/> 01204	Invitae Breast and Gyn Cancers Guidelines-Based Panel	19	ATM, BRCA1, BRCA2, BRIP1, CDH1, CHEK2, EPCAM, MLH1, MSH2, MSH6, NBN, NF1, PALB2, PMS2, PTEN, RAD51C, RAD51D, STK11, TP53
<input type="radio"/> 01201	Invitae Breast and Gyn Cancers Panel	23	ATM, BARD1, BRCA1, BRCA2, BRIP1, CDH1, CHEK2, DICER1, EPCAM, MLH1, MSH2, MSH6, NBN, NF1, PALB2, PMS2, PTEN, RAD50, RAD51C, RAD51D, SMARCA4, STK11, TP53
<input type="radio"/> 01201.1	Add-on preliminary-evidence genes	12	AKT1, CDC73, FAM175A, FANCC, MRE11, MUTYH, PIK3CA, POLD1, RINT1, SDHB, SDHD, XRCC2
Colorectal Cancer			
<input type="radio"/> 01252	Invitae Colorectal Cancer Guidelines-Based Panel	19	APC, AXIN2, BMPR1A, CHEK2, EPCAM, GREM1, MLH1, MSH2, MSH3, MSH6, MUTYH, NTHL1, PMS2, POLD1, POLE, PTEN, SMAD4, STK11, TP53
<input type="radio"/> 01252.1	Add-on gene with emerging data	1	RPS20
<input type="radio"/> 01251	Invitae Colorectal Cancer Panel	20	APC, AXIN2, BMPR1A, CDH1, CHEK2, EPCAM, GREM1, MLH1, MSH2, MSH3, MSH6, MUTYH, NTHL1, PMS2, POLD1, POLE, PTEN, SMAD4, STK11, TP53
<input type="radio"/> 01251.1	Add-on preliminary-evidence genes	8	ATM, BLM, BUB1B, ENG, FLCN, GALNT12, MLH3, RPS20
Additional Organ Systems			
<input type="radio"/> 01271	Invitae Gastric Cancer Panel	19	APC, BMPR1A, CDH1, CTNNA1, EPCAM, KIT, MLH1, MSH2, MSH6, NF1, PDGFRA, PMS2, SDHA, SDHB, SDHC, SDHD, SMAD4, STK11, TP53
<input type="radio"/> 01302	Invitae Hereditary Paraganglioma-Pheochromocytoma Panel	10	MAX, NF1, RET, SDHA, SDHAF2, SDHB, SDHC, SDHD, TMEM127, VHL
<input type="radio"/> 01302.1	Add-on preliminary-evidence genes	4	EGLN1, FH, KIF1B, MEN1
<input type="radio"/> 01303	Invitae Hyperparathyroidism Panel	5	CASR, CDC73, CDKN1B, MEN1, RET
<input type="radio"/> 01561	Invitae Melanoma Panel	9	BAP1, BRCA2, CDK4, CDKN2A, MITF, POT1, PTEN, RB1, TP53
<input type="radio"/> 01561.1	Add-on preliminary-evidence genes	3	BRCA1, MC1R, TERT
<input type="radio"/> 01411	Invitae Myelodysplastic Syndrome/Leukemia Panel	16	ATM, BLM, CEBPA, EPCAM, GATA2, HRAS, MLH1, MSH2, MSH6, NBN, NF1, PMS2, RUNX1, TERC, TERT, TP53
<input type="radio"/> 01411.1	Add-on preliminary-evidence genes	5	BRCA1, BRCA2, BRIP1, CHEK2, PALB2
<input type="radio"/> 01411.2	Add-on dyskeratosis congenita genes	7	CTC1, DKC1, NHP2, NOP10, TERC, TERT, TINF2
<input type="radio"/> 01411.3	Add-on Fanconi anemia genes	17	BRCA2, BRIP1, ERCC4, FANCA, FANCB, FANCC, FANCD2, FANCE, FANCF, FANCG, FANCI, FANCL, FANCM, PALB2, RAD51C, SLX4, XRCC2
<input type="radio"/> 01461	Invitae Nervous System/Brain Cancer Panel	25	ALK, APC, DICER1, EPCAM, HRAS, MEN1, MLH1, MSH2, MSH6, NF1, NF2, PHOX2B, PMS2, PRKARIA, PTCH1, PTEN, RB1, SMARCA4, SMARCB1, SMARCE1, SUFU, TP53, TSC1, TSC2, VHL
<input type="radio"/> 01461.1	Add-on preliminary-evidence genes	7	BAP1, BARD1, EZH2, GPC3, KIF1B, POT1, PTCH2
<input type="radio"/> 01461.2	Add-on hereditary paraganglioma pheochromocytoma genes	8	MAX, RET, SDHA, SDHAF2, SDHB, SDHC, SDHD, TMEM127

CANCER PANELS BY ORGAN SYSTEM (continued)

Test code	Test name	# gene(s)	Gene list
Additional Organ Systems (continued)			
<input type="radio"/> 01261	Invitae Pancreatic Cancer Panel	20	APC, ATM, BMPR1A, BRCA1, BRCA2, CDKN2A, EPCAM, MEN1, MLH1, MSH2, MSH6, NF1, PALB2, PMS2, SMAD4, STK11, TP53, TSC1, TSC2, VHL
<input type="radio"/> 01261.1	Add-on preliminary-evidence genes	3	CDK4, FANCC, PALLD
<input type="radio"/> 01261.2	Add-on chronic pancreatitis genes	5	CASR, CFTR, CTSC, PRSS1, SPINK1
<input type="radio"/> 01362	Invitae Prostate Cancer Panel	12	ATM, BRCA1, BRCA2, CHEK2, EPCAM, HOXB13, MLH1, MSH2, MSH6, NBN, PMS2, TP53
<input type="radio"/> 01362.1	Add-on preliminary-evidence genes	3	FANCA, PALB2, RAD51D
<input type="radio"/> 01361	Invitae Renal/Urinary Tract Cancers Panel	24	BAP1, CDC73, CDKN1C, DICER1, DIS3L2, EPCAM, FH, FLCN, GPC3, MET, MLH1, MSH2, MSH6, PMS2, PTEN, SDHB, SDHC, SMARCA4, SMARCB1, TP53, TSC1, TSC2, VHL, WT1
<input type="radio"/> 01361.1	Add-on preliminary-evidence genes	6	BUB1B, CEP57, MITF, PALB2, SDHA, SDHD
<input type="radio"/> 01511	Invitae Sarcoma Panel	26	APC, BLM, CDKN1C, DICER1, EPCAM, FH, HRAS, KIT, MLH1, MSH2, MSH6, NBN, NF1, PDGFRA, PMS2, PRKAR1A, PTCH1, RB1, RECQL4, SDHA, SDHB, SDHC, SDHD, SUFU, TP53, WRN
<input type="radio"/> 01511.1	Add-on preliminary-evidence genes	5	CDKN2A, POT1, PTCH2, TSC1, TSC2
<input type="radio"/> 01511.2	Add-on Diamond-Blackfan anemia genes	10	GATA1, RPL11, RPL26, RPL35A, RPL5, RPS10, RPS19, RPS24, RPS26, RPS7
<input type="radio"/> 01301	Invitae Thyroid Cancer Panel	7	APC, CHEK2, DICER1, PRKAR1A, PTEN, RET, TP53
<input type="radio"/> 01301.1	Add-on preliminary-evidence genes	4	MEN1, SDHB, SDHD, WRN

HEREDITARY CANCER PANELS

Test code	Test name	# gene(s)	Gene list
Pediatric Oncology			
<input type="radio"/> 01104	Invitae Pediatric Solid Tumors Panel	48	ALK, APC, AXIN2, BAP1, BLM, BMPR1A, CDC73, CDKN1C, DICER1, DIS3L2, EPCAM, FH, GPC3, HRAS, MAX, MEN1, MLH1, MSH2, MSH6, NBN, NF1, NF2, PHOX2B, PMS2, PRKAR1A, PTCH1, PTEN, RB1, RECQL4, RET, SDHA, SDHAF2, SDHB, SDHC, SDHD, SMAD4, SMARCA4, SMARCB1, SMARCE1, STK11, SUFU, TMEM127, TP53, TSC1, TSC2, VHL, WRN, WT1
<input type="radio"/> 01105	Invitae Pediatric Hematologic Malignancies Panel	16	ATM, BLM, CEBPA, EPCAM, GATA2, HRAS, MLH1, MSH2, MSH6, NBN, NF1, PMS2, RUNX1, TERC, TERT, TP53
<input type="radio"/> 01106	Invitae Pediatric Nervous System/Brain Tumors Panel	24	ALK, APC, DICER1, EPCAM, HRAS, MEN1, MLH1, MSH2, MSH6, NF1, NF2, PHOX2B, PMS2, PRKAR1A, PTCH1, PTEN, RB1, SMARCB1, SMARCE1, SUFU, TP53, TSC1, TSC2, VHL
<input type="radio"/> 01106.1	Hereditary paraganglioma pheochromocytoma genes	8	MAX, RET, SDHA, SDHAF2, SDHB, SDHC, SDHD, TMEM127
Individual Hereditary Cancer Conditions			
<input type="radio"/> 01724	Invitae Ataxia-Telangiectasia Test	1	ATM
<input type="radio"/> 01728	Invitae BAP1 Hereditary Cancer Predisposition Syndrome Test	1	BAP1
<input type="radio"/> 01722	Invitae Basal Cell Nevus Syndrome Panel	2	PTCH1, SUFU
<input type="radio"/> 01722.1	Add-on preliminary-evidence gene	1	PTCH2
<input type="radio"/> 01720	Invitae Birt-Hogg-Dubé Syndrome Test	1	FLCN
<input type="radio"/> 01730	Invitae Bloom Syndrome Test	1	BLM

HEREDITARY CANCER PANELS (continued)

Test code	Test name	# gene(s)	Gene list
Individual Hereditary Cancer Conditions (continued)			
<input type="radio"/> 01731	Invitae Carney Complex Test	1	PRKAR1A
<input type="radio"/> 01732	Invitae CASR-Related Conditions Test	1	CASR
<input type="radio"/> 01729	Invitae CDC73-Related Conditions Test	1	CDC73
<input type="radio"/> 01745	Invitae Chronic Pancreatitis Panel	5	CASR, CFTR, CTSC, PRSS1, SPINK1
<input type="radio"/> 01703	Invitae Constitutional Mismatch Repair-Deficiency Panel	5	EPCAM, MLH1, MSH2, MSH6, PMS2
<input type="radio"/> 04164	Invitae Costello Syndrome Test	1	HRAS
<input type="radio"/> 01719	Invitae DICER1 Syndrome Test	1	DICER1
<input type="radio"/> 01744	Invitae Familial Acute Myeloid Leukemia with Mutated CEBPA Test	1	CEBPA
<input type="radio"/> 01709	Invitae Familial Adenomatous Polyposis Test	1	APC
<input type="radio"/> 01712	Invitae Familial Gastrointestinal Stromal Tumor Syndrome Panel	7	KIT, NF1, PDGFRA, SDHA, SDHB, SDHC, SDHD
<input type="radio"/> 01733	Invitae Familial Neuroblastoma Panel	2	ALK, PHOXB2
<input type="radio"/> 01733.1	Add-on preliminary-evidence gene	1	KIF1B
<input type="radio"/> 01734	Invitae Familial Platelet Disorder with Propensity to Myeloid Malignancy Test	1	RUNX1
<input type="radio"/> 05311	Invitae Fanconi Anemia Panel	17	BRCA2, BRIP1, ERCC4, FANCA, FANCB, FANCC, FANCD2, FANCE, FANCF, FANCG, FANCI, FANCL, FANCM, PALB2, RAD51C, SLX4, XRCC2
<input type="radio"/> 05317	Invitae GATA2 Deficiency Test	1	GATA2
<input type="radio"/> 01701	Invitae Hereditary Breast and Ovarian Cancer Syndrome Panel	2	BRCA1, BRCA2
<input type="radio"/> 01707	Invitae Hereditary Diffuse Gastric Cancer Syndrome Test	1	CDH1
<input type="radio"/> 01727	Invitae Hereditary Leiomyomatosis and Renal Cell Cancer Test	1	FH
<input type="radio"/> 01723	Invitae Hereditary Papillary Renal Cell Carcinoma Test	1	MET
<input type="radio"/> 01711	Invitae Juvenile Polyposis Syndrome Panel	2	BMPR1A, SMAD4
<input type="radio"/> 01705	Invitae Li-Fraumeni Syndrome Test	1	TP53
<input type="radio"/> 01702	Invitae Lynch Syndrome Panel	5	EPCAM, MLH1, MSH2, MSH6, PMS2
<input type="radio"/> 01713	Invitae Melanoma-Pancreatic Cancer Syndrome Panel	2	CDK4, CDKN2A
<input type="radio"/> 01717	Invitae Multiple Endocrine Neoplasia Type 1 Test	1	MEN1
<input type="radio"/> 01718	Invitae Multiple Endocrine Neoplasia Type 2 Test	1	RET
<input type="radio"/> 01710	Invitae MUTYH-Associated Polyposis Syndrome Test	1	MUTYH
<input type="radio"/> 01708	Invitae Neurofibromatosis Type 1 Test	1	NF1
<input type="radio"/> 01708.1	Add-on Legius syndrome gene	1	SPRED1
<input type="radio"/> 04167	Invitae Neurofibromatosis Type 2 Test	1	NF2
<input type="radio"/> 04167.1	Add-on schwannomatosis gene	1	SMARCB1
<input type="radio"/> 01725	Invitae Nijmegen Breakage Syndrome Test	1	NBN
<input type="radio"/> 01726	Invitae Oligodontia-Colorectal Cancer Syndrome Test	1	AXIN2
<input type="radio"/> 01736	Invitae Perlman Syndrome Test	1	DIS3L2
<input type="radio"/> 01706	Invitae Peutz-Jeghers Syndrome Test	1	STK11

HEREDITARY CANCER PANELS (continued)

Test code	Test name	# gene(s)	Gene list
Individual Hereditary Cancer Conditions (continued)			
<input type="radio"/> 01704	Invitae PTEN-Related Disorders Test	1	PTEN
<input type="radio"/> 01737	Invitae RECQL4-Related Disorders Test	1	RECQL4
<input type="radio"/> 01738	Invitae Retinoblastoma Test	1	RB1
<input type="radio"/> 01714	Invitae Rhabdoid Tumor Predisposition Syndrome Panel	2	SMARCA4, SMARCB1
<input type="radio"/> 04168	Invitae Schwannomatosis Test	1	SMARCB1
	<input type="radio"/> 04168.1 Add-on neurofibromatosis type 2 gene	1	NF2
<input type="radio"/> 01739	Invitae Simpson-Golabi-Behmel Syndrome Test	1	GPC3
<input type="radio"/> 01715	Invitae Small Cell Carcinoma of the Ovary Hypercalcemic Type Test	1	SMARCA4
<input type="radio"/> 01721	Invitae Tuberous Sclerosis Complex Panel	2	TSC1, TSC2
<input type="radio"/> 01716	Invitae von Hippel-Lindau Syndrome Test	1	VHL
<input type="radio"/> 01740	Invitae Weaver Syndrome Test	1	EZH2
<input type="radio"/> 01741	Invitae Werner Syndrome Test	1	WRN
<input type="radio"/> 01742	Invitae Wilms Tumor Panel	4	CDKN1C, DIS3L2, GPC3, WT1
<input type="radio"/> 01743	Invitae WT1-Related Disorders Test	1	WT1

INDIVIDUAL GENES

<input type="radio"/>	AKT1	<input type="radio"/>	CDKN1B	<input type="radio"/>	ERCC4	<input type="radio"/>	GATA2	<input type="radio"/>	MSH3	<input type="radio"/>	POT1	<input type="radio"/>	RPS10	<input type="radio"/>	SPINK1
<input type="radio"/>	ALK	<input type="radio"/>	CDKN1C	<input type="radio"/>	EZH2	<input type="radio"/>	GPC3	<input type="radio"/>	MSH6	<input type="radio"/>	PRKAR1A	<input type="radio"/>	RPS19	<input type="radio"/>	SPRED1
<input type="radio"/>	APC	<input type="radio"/>	CDKN2A	<input type="radio"/>	FAM175A	<input type="radio"/>	GREM1	<input type="radio"/>	MUTYH	<input type="radio"/>	PRSS1	<input type="radio"/>	RPS20	<input type="radio"/>	STK11
<input type="radio"/>	ATM	<input type="radio"/>	CEBPA	<input type="radio"/>	FANCA	<input type="radio"/>	HOXB13	<input type="radio"/>	NBN	<input type="radio"/>	PTCH1	<input type="radio"/>	RPS24	<input type="radio"/>	SUFU
<input type="radio"/>	AXIN2	<input type="radio"/>	CEP57	<input type="radio"/>	FANCB	<input type="radio"/>	HRAS	<input type="radio"/>	NF1	<input type="radio"/>	PTCH2	<input type="radio"/>	RPS26	<input type="radio"/>	TERC
<input type="radio"/>	BAP1	<input type="radio"/>	CFTR	<input type="radio"/>	FANCC	<input type="radio"/>	KIF1B	<input type="radio"/>	NF2	<input type="radio"/>	PTEN	<input type="radio"/>	RPS7	<input type="radio"/>	TERT
<input type="radio"/>	BARD1	<input type="radio"/>	CHEK2	<input type="radio"/>	FANCD2	<input type="radio"/>	KIT	<input type="radio"/>	NHP2	<input type="radio"/>	RAD50	<input type="radio"/>	RUNX1	<input type="radio"/>	TINF2
<input type="radio"/>	BLM	<input type="radio"/>	CTC1	<input type="radio"/>	FANCE	<input type="radio"/>	MAX	<input type="radio"/>	NOP10	<input type="radio"/>	RAD51C	<input type="radio"/>	SDHA	<input type="radio"/>	TMEM127
<input type="radio"/>	BMPR1A	<input type="radio"/>	CTNNA1	<input type="radio"/>	FANCF	<input type="radio"/>	MC1R	<input type="radio"/>	NTHL1	<input type="radio"/>	RAD51D	<input type="radio"/>	SDHAF2	<input type="radio"/>	TP53
<input type="radio"/>	BRCA1	<input type="radio"/>	CTRC	<input type="radio"/>	FANCG	<input type="radio"/>	MDM2	<input type="radio"/>	PALB2	<input type="radio"/>	RB1	<input type="radio"/>	SDHB	<input type="radio"/>	TSC1
<input type="radio"/>	BRCA2	<input type="radio"/>	DICER1	<input type="radio"/>	FANCI	<input type="radio"/>	MEN1	<input type="radio"/>	PALLD	<input type="radio"/>	RECQL4	<input type="radio"/>	SDHC	<input type="radio"/>	TSC2
<input type="radio"/>	BRIP1	<input type="radio"/>	DIS3L2	<input type="radio"/>	FANCL	<input type="radio"/>	MET	<input type="radio"/>	PDGFRA	<input type="radio"/>	RET	<input type="radio"/>	SDHD	<input type="radio"/>	VHL
<input type="radio"/>	BUB1B	<input type="radio"/>	DKC1	<input type="radio"/>	FANCM	<input type="radio"/>	MITF	<input type="radio"/>	PHOX2B	<input type="radio"/>	RINT1	<input type="radio"/>	SLX4	<input type="radio"/>	WRN
<input type="radio"/>	CASR	<input type="radio"/>	EGFR	<input type="radio"/>	FH	<input type="radio"/>	MLH1	<input type="radio"/>	PIK3CA	<input type="radio"/>	RPL11	<input type="radio"/>	SMAD4	<input type="radio"/>	WT1
<input type="radio"/>	CDC73	<input type="radio"/>	EGLN1	<input type="radio"/>	FLCN	<input type="radio"/>	MLH3	<input type="radio"/>	PMS2	<input type="radio"/>	RPL26	<input type="radio"/>	SMARCA4	<input type="radio"/>	XRCC2
<input type="radio"/>	CDH1	<input type="radio"/>	ENG	<input type="radio"/>	GALNT12	<input type="radio"/>	MRE11	<input type="radio"/>	POLD1	<input type="radio"/>	RPL35A	<input type="radio"/>	SMARCB1		
<input type="radio"/>	CDK4	<input type="radio"/>	EPCAM	<input type="radio"/>	GATA1	<input type="radio"/>	MSH2	<input type="radio"/>	POLE	<input type="radio"/>	RPL5	<input type="radio"/>	SMARCE1		