

IMMUNOLOGY TEST CATALOG

All tests on this form are organized by clinical area. If your order contains tests from multiple clinical areas, you will need to send a separate specimen for each clinical area. Each clinical area represents an individual billable event and report. Contact Client Services with any questions. For Invitae's full test menu, please visit www.invitae.com.

CLINICAL AREA: METABOLIC NEWBORN SCREENING AND IMMUNOLOGY

Test code	Test name	# gene(s)	Gene list
Primary Immunodeficiency			
<input type="radio"/> 08100	Invitae Primary Immunodeficiency Panel	407	ACD, ACP5, ACTB, ADA, ADA2, ADAM17, ADAR, AICDA, AIRE, AK2, ALG6, ANGPT1, ANKZF1, AP3B1, AP3D1, ARHGEF1, ARPC1B, ASAH1, ATM, ATP6AP1, B2M, BACH2, BCL10, BCL11B, BLM, BLNK, BLOC1S3, BLOC1S6, BTK, C17orf62, C1QA, C1QB, C1QC, C1S, C2, C3, C5, C6, C7, C8A, C8B, C9, CARD11, CARD14, CARD8, CARD9, CARMIL2, CASP10, CASP8, CBL, CCBE1, CD19, CD247, CD27, CD3D, CD3E, CD3G, CD40, CD40LG, CD46, CD55, CD59, CD79A, CD79B, CD81, CD8A, CDC42, CDCA7, CEBPE, CFB, CFD, CFH, CFI, CFP, CHD7, CIB1, CIITA, CLCN7, CLPB, COL7A1, COPA, CORO1A, CR2, CSF2RA, CSF2RB, CSF3R, CTC1, CTLA4, CTPS1, CTSC, CXCR2, CXCR4, CYBA, CYBB, CYP27A1, DCLRE1C, DDX58, DEF6, DGAT1, DIAPH1, DKC1, DNAJC21, DNASE1L3, DNASE2, DNMT3B, DOCK2, DOCK8, DSG1, DTNBP1, DUOX2, EFL1, EIF2AK3, ELANE, EPG5, ERBIN, ERCC2, ERCC3, ERCC6L2, EXTL3, FADD, FANCA, FANCB, FANCE, FANCF, FANCI, FANCL, FAS, FASLG, FAT4, FCHO1, FERMT1, FERMT3, FOXP3, FOXN1, FOXN3, FPR1, G6PC, G6PC3, G6PD, GATA2, GF11, GINS1, GTF2E2, GTF2H5, GUCY2C, HAX1, HELLS, HMOX1, HPS1, HPS3, HPS4, HPS5, HPS6, HTRA2, HYOU1, ICOS, ICOSLG, IFIH1, IFNAR1, IFNAR2, IFNGR1, IFNGR2, IGLL1, IKBKB, IL10, IL10RA, IL10RB, IL12B, IL12RB1, IL12RB2, IL17F, IL17RA, IL17RC, IL1RN, IL21, IL21R, IL23R, IL2RA, IL2RB, IL2RG, IL36RN, IL6R, IL6ST, IL7R, IRAK4, IRF2BP2, IRF4, IRF7, IRF8, IRF9, ISG15, ITCH, ITGAM, ITGB2, ITK, JAGN1, JAK1, JAK3, KDM6A, KMT2A, KMT2D, LAMTOR2, LAT, LCK, LCT, LIG1, LIG4, LIPA, LPIN2, LRBA, LRRC8A, LYN, LYST, MAGT1, MALT1, MAP3K14, MCM4, MEFV, MKL1, MOGS, MPLKIP, MS4A1, MSN, MTHFD1, MVK, MYD88, MYO5B, MYSM1, NBAS, NBN, NCF2, NCF4, NCSTN, NEUROG3, NFAT5, NFE2L2, NFKB1, NFKB2, NFKBIA, NHEJ1, NHP2, NLR4, NLRP1, NLRP2, NLRP3, NOD2, NOP10, NSMCE3, OAS1, ORAI1, OSTM1, OTULIN, PARN, PAX1, PEPD, PGM3, PIK3CD, PIK3R1, PLCG2, PMM2, PNP, POLA1, POLD1, POLE, POLE2, POLR3A, POMP, PRF1, PRKCD, PRKC, PSENEN, PSMA3, PSMB4, PSMB8, PSMG2, PSTPIP1, PTPRC, RAB27A, RAC2, RAG1, RAG2, RANBP2, RASGRP1, RBCK1, RELA, RELB, RFX5, RFXANK, RFXAP, RHOH, RIPK1, RMRP, RNASEH2A, RNASEH2B, RNASEH2C, RNF113A, RNF168, RNF31, RNU4ATAC, RORC, RPSA, RTEL1, SAMD9, SAMD9L, SAMHD1, SAR1B, SCO2, SEC61A1, SEMA3E, SERPING1, SH2D1A, SH3BP2, SH3BP1, SI, SIAE, SKIV2L, SLC26A3, SLC29A3, SLC35C1, SLC37A4, SLC39A7, SLC46A1, SLC5A1, SLC7A7, SLC9A3, SLX4, SMARCAL1, SMARCD2, SNX10, SP110, SPINK5, SPINT2, SPPL2A, SRP54, SRP72, STAT1, STAT2, STAT3, STAT4, STAT5B, STIM1, STK4, STN1, STX11, STX3, STXBP2, TAOK2, TAP1, TAP2, TAPBP, TAZ, TBX1, TCF3, TCIRG1, TCN2, TERC, TERT, TFRC, TGFBI, TGFB1, TGFB2, THBD, TICAM1, TIMM50, TINF2, TLR3, TMC6, TMC8, TMEM173, TNFAIP3, TNFRSF11A, TNFRSF13B, TNFRSF13C, TNFRSF1A, TNFRSF4, TNFRSF6B, TNFRSF9, TNFSF11, TNFSF12, TONSL, TOP2B, TP63, TPP2, TRAF3, TRAF3IP2, TREX1, TRNT1, TTC37, TTC7A, TYK2, UNC13D, UNC45A, UNC93B1, UNG, USB1, VAV1, VPS13B, VPS45, WAS, WDR1, WIPF1, WRAP53, XIAP, ZAP70, ZBTB24, ZCCHC8, ZNF341
Antibody Deficiencies			
<input type="radio"/> 08111	Invitae Agammaglobulinemia Panel	6	BLNK, BTK, CD79A, CD79B, IGLL1, PIK3R1
<input type="radio"/> 08111.1	Add-on hypogammaglobulinemia genes	5	GATA2, MOGS, SH2D1A, TRNT1, XIAP
<input type="radio"/> 08111.2	Add-on common variable immunodeficiency genes	20	CD27, CR2, CTLA4, DCLRE1C, ICOS, IL21, IL21R, JAK3, LRBA, NFKB2, PIK3CD, PLCG2, PRKCD, RAC2, RAG1, STAT3, STXBP2, TNFRSF13B, TNFRSF13C, TNFSF12
<input type="radio"/> 08112	Invitae Common Variable Immunodeficiency Panel	17	CD27, CR2, CTLA4, ICOS, IL21, IL21R, LRBA, NFKB2, PIK3CD, PIK3R1, PLCG2, PRKCD, RAC2, STAT3, TNFRSF13B, TNFRSF13C, TNFSF12
<input type="radio"/> 08112.1	Add-on primary immunodeficiencies that can mimic common variable immunodeficiency	6	DCLRE1C, GATA2, JAK3, RAG1, RAG2, STXBP2
<input type="radio"/> 08112.2	Add-on agammaglobulinemia/hypogammaglobulinemia genes	10	BLNK, BTK, CD79A, CD79B, GATA2, IGLL1, MOGS, SH2D1A, TRNT1, XIAP

If an order is placed using an older version of this form, Invitae reserves the right to upgrade ordered tests to the current versions. View current requisition forms online at www.invitae.com/forms or consider placing your order online in the Invitae portal. Please note: Test IDs containing add-on codes will include the original panel as well as the add-on.

IMMUNOLOGY TEST CATALOG

CLINICAL AREA: METABOLIC NEWBORN SCREENING AND IMMUNOLOGY

Test code	Test name	# gene(s)	Gene list
Antibody Deficiencies (continued)			
<input type="radio"/> 08113	Invitae Hyper IgE Syndrome Panel	4	DOCK8, PGM3, SPINK5, STAT3
<input type="radio"/> 08114	Invitae Hyper IgM Syndrome Panel	3	AICDA, CD40LG, UNG
<input type="radio"/> 08114.1	Add-on clinically overlapping genes	3	BTK, IL2RG, SH2D1A
Autoinflammatory Syndromes			
<input type="radio"/> 08120	Invitae Autoinflammatory Syndromes Panel	72	ACP5, ADA, ADA2, ADAR, ADAM17, AICDA, BTK, CARD14, CD3G, CD40LG, CTLA4, COPA, CYBA, CYBB, DCLRE1C, DKC1, DOCK8, ELANE, FOXP3, G6PC3, ICOS, IFIH1, IL10, IL10RA, IL10RB, IL1RN, IL21, IL2RA, IL2RG, IL36RN, ITGB2, LIG4, LPIN2, LRBA, MEFV, MVK, NCF2, NCF4, NFAT5, NLRC4, NLRP12, NLRP3, NOD2, PIK3CD, PIK3R1, PLCG2, PSMB8, PSTPIP1, RAG1, RAG2, RBCK1, RNASEH2A, RNASEH2B, RNASEH2C, RTEL1, SAMHD1, SH2D1A, SH3BP2, SLC29A3, SLC37A4, STAT1, STAT3, STIM1, STXBP2, TMEM173, TNFRSF1A, TREX1, TRNT1, TTC7A, WAS, XIAP, ZAP70
<input type="radio"/> 08120.1	Add-on Autoimmunity Genes	37	AIRE, AP3B1, BLOC1S6, CASP10, CASP8, CD27, CR2, FADD, FAS, FASLG, IL21R, ITCH, ITK, LYST, MAGT1, NFKB2, NFKBIA, ORAI1, PNP, PRF1, PRKCD, RAB27A, RAC2, RFX5, RFXANK, RFXAP, RMRP, SLC7A7, STAT5B, STX11, TBX1, TNFRSF13B, TNFRSF13C, TNFSF12, TPP2, UNC13D, UNG
<input type="radio"/> 04313	Invitae Familial Mediterranean Fever Test	1	MEFV
<input type="radio"/> 04313.1	Add-on additional periodic fever syndromes genes	11	ADA2, ELANE, LPIN2, MVK, NLRC4, NLRP12, NLRP3, PSMB8, PSTPIP1, TNFRSF1A, TRNT1
<input type="radio"/> 08122	Invitae Monogenic Inflammatory Bowel Disease Panel	46	ADA, ADAM17, AICDA, BTK, CD3G, CD40LG, CTLA4, CYBA, CYBB, DCLRE1C, DKC1, DOCK8, FOXP3, G6PC3, ICOS, IL10, IL10RA, IL10RB, IL21, IL2RA, IL2RG, ITGB2, LIG4, LRBA, MEFV, MVK, NCF2, NCF4, NFAT5, NLRC4, PIK3CD, PIK3R1, PLCG2, RAG1, RAG2, RTEL1, SH2D1A, SLC37A4, STAT1, STAT3, STIM1, STXBP2, TTC7A, WAS, XIAP, ZAP70
<input type="radio"/> 08122.1	Add-on Increased risk alleles in NOD2 associated with Crohn's disease	1	NOD2
<input type="radio"/> 04312	Invitae Periodic Fever Syndromes Panel	12	ADA2, ELANE, LPIN2, MEFV, MVK, NLRC4, NLRP12, NLRP3, PSMB8, PSTPIP1, TNFRSF1A, TRNT1
Combined T/B Cell Deficiencies			
<input type="radio"/> 08130	Invitae Comprehensive Severe Combined Immunodeficiency (SCID) and Combined Immunodeficiency (CID) Panel	50	ADA, AK2, B2M, BCL10, CARD11, CD247, CD27, CD3D, CD3E, CD3G, CD40LG, CD8A, CIITA, CORO1A, CTPS1, DCLRE1C, DOCK2, DOCK8, ICOS, IKBKB, IL21, IL21R, IL2RG, IL7R, ITK, JAK3, LCK, LIG4, LRBA, MAGT1, MALT1, MAP3K14, NHEJ1, PNP, PRKDC, PTPRC, RAC2, RAG1, RAG2, RFX5, RFXANK, RFXAP, RHOH, SH2D1A, STK4, TAP1, TAP2, TAPBP, TNFRSF4, ZAP70
<input type="radio"/> 08130.1	Add-on combined immunodeficiency (CID) with syndromic features genes	36	ACD, ATM, CHD7, CTC1, DCLRE1B, DKC1, DNMT3B, EPG5, FOXN1, NBN, NFKBIA, NHP2, NOP10, ORAI1, PARN, PGM3, PMS2, POLE, RMRP, RTEL1, SEMA3E, SMARCAL1, SP110, SPINK5, STAT3, STAT5B, STIM1, TBX1, TCN2, TERC, TERT, TIN2, TTC7A, WAS, WIPF1, ZBTB24
Immune Dysregulation			
<input type="radio"/> 08151	Invitae Autoimmune Lymphoproliferative Disorders (ALPS) Panel	9	CASP8, CTLA4, FAS, FASLG, ITK, MAGT1, PIK3CD, PRKCD, STAT3
<input type="radio"/> 08151.1	Add-on preliminary-evidence genes	2	CASP10, FADD
<input type="radio"/> 08152	Invitae Hereditary Hemophagocytic Lymphohistiocytosis (HLH) Disorders Panel	21	ADA, AP3B1, BLOC1S6, BTK, CD27, IL2RA, IL2RG, ITK, LYST, MAGT1, MVK, PNP, PRF1, RAB27A, SH2D1A, SLC7A7, STX11, STXBP2, UNC13D, WAS, XIAP
Phagocytic Defects			
<input type="radio"/> 08160	Invitae Phagocyte Defects Panel	27	CEBPE, CLPB, CSF2RA, CSF3R, CTSC, CYBA, CYBB, ELANE, FERMT3, FPR1, G6PC3, G6PD, GF11, HAX1, ITGB2, JAGN1, LAMTOR2, NCF2, NCF4, PMM2, SLC35C1, SLC37A4, SPINK5, TAZ, VPS13B, VPS45, WAS

If an order is placed using an older version of this form, Invitae reserves the right to upgrade ordered tests to the current versions. View current requisition forms online at www.invitae.com/forms or consider placing your order online in the Invitae portal. Please note: Test IDs containing add-on codes will include the original panel as well as the add-on.

IMMUNOLOGY TEST CATALOG

CLINICAL AREA: METABOLIC NEWBORN SCREENING AND IMMUNOLOGY

METABOLIC NEWBORN SCREENING AND IMMUNOLOGY INDIVIDUAL GENES

<input type="radio"/> ACD	<input type="radio"/> C8B	<input type="radio"/> COPA	<input type="radio"/> FADD	<input type="radio"/> IFNAR2	<input type="radio"/> KMT2A	<input type="radio"/> NHEJ1	<input type="radio"/> RAC2	<input type="radio"/> SLC35C1
<input type="radio"/> ACP5	<input type="radio"/> C9	<input type="radio"/> CORO1A	<input type="radio"/> FANCA	<input type="radio"/> IFNGR1	<input type="radio"/> KMT2D	<input type="radio"/> NHP2	<input type="radio"/> RAG1	<input type="radio"/> SLC37A4
<input type="radio"/> ACTB	<input type="radio"/> CARD11	<input type="radio"/> CR2	<input type="radio"/> FANCB	<input type="radio"/> IFNGR2	<input type="radio"/> LAMTOR2	<input type="radio"/> NLR4	<input type="radio"/> RAG2	<input type="radio"/> SLC39A7
<input type="radio"/> ADA	<input type="radio"/> CARD14	<input type="radio"/> CSF2RA	<input type="radio"/> FANCE	<input type="radio"/> IGLL1	<input type="radio"/> LAT	<input type="radio"/> NLRP1	<input type="radio"/> RANBP2	<input type="radio"/> SLC46A1
<input type="radio"/> ADA2	<input type="radio"/> CARD8	<input type="radio"/> CSF2RB	<input type="radio"/> FANCF	<input type="radio"/> IKBKB	<input type="radio"/> LCK	<input type="radio"/> NLRP12	<input type="radio"/> RASGRP1	<input type="radio"/> SLC5A1
<input type="radio"/> ADAM17	<input type="radio"/> CARD9	<input type="radio"/> CSF3R	<input type="radio"/> FANCI	<input type="radio"/> IL10	<input type="radio"/> LCT	<input type="radio"/> NLRP3	<input type="radio"/> RBCK1	<input type="radio"/> SLC7A7
<input type="radio"/> ADAR	<input type="radio"/> CARMIL2	<input type="radio"/> CTC1	<input type="radio"/> FANCL	<input type="radio"/> IL10RA	<input type="radio"/> LIG1	<input type="radio"/> NOD2	<input type="radio"/> RELA	<input type="radio"/> SLC9A3
<input type="radio"/> AICDA	<input type="radio"/> CASP10	<input type="radio"/> CTLA4	<input type="radio"/> FAS	<input type="radio"/> IL10RB	<input type="radio"/> LIG4	<input type="radio"/> NOP10	<input type="radio"/> RELB	<input type="radio"/> SLX4
<input type="radio"/> AIRE	<input type="radio"/> CASP8	<input type="radio"/> CTPS1	<input type="radio"/> FASLG	<input type="radio"/> IL12B	<input type="radio"/> LIPA	<input type="radio"/> NSMCE3	<input type="radio"/> RFX5	<input type="radio"/> SMARCAL1
<input type="radio"/> AK2	<input type="radio"/> CBL	<input type="radio"/> CTSC	<input type="radio"/> FAT4	<input type="radio"/> IL12RB1	<input type="radio"/> LPIN2	<input type="radio"/> OAS1	<input type="radio"/> RFXANK	<input type="radio"/> SMARCD2
<input type="radio"/> ALG6	<input type="radio"/> CCBE1	<input type="radio"/> CXCR2	<input type="radio"/> FCHO1	<input type="radio"/> IL12RB2	<input type="radio"/> LRBA	<input type="radio"/> ORAI1	<input type="radio"/> RFXAP	<input type="radio"/> SNX10
<input type="radio"/> ANGPT1	<input type="radio"/> CD19	<input type="radio"/> CXCR4	<input type="radio"/> FERMT1	<input type="radio"/> IL17F	<input type="radio"/> LRR8A	<input type="radio"/> OSTM1	<input type="radio"/> RHOH	<input type="radio"/> SP110
<input type="radio"/> ANKZF1	<input type="radio"/> CD247	<input type="radio"/> CYBA	<input type="radio"/> FERMT3	<input type="radio"/> IL17RA	<input type="radio"/> LYN	<input type="radio"/> OTULIN	<input type="radio"/> RIPK1	<input type="radio"/> SPINK5
<input type="radio"/> AP3B1	<input type="radio"/> CD27	<input type="radio"/> CYBB	<input type="radio"/> FOXI3	<input type="radio"/> IL17RC	<input type="radio"/> LYST	<input type="radio"/> PARN	<input type="radio"/> RMRP	<input type="radio"/> SPINT2
<input type="radio"/> AP3D1	<input type="radio"/> CD3D	<input type="radio"/> CYP27A1	<input type="radio"/> FOXN1	<input type="radio"/> IL1RN	<input type="radio"/> MAGT1	<input type="radio"/> PAX1	<input type="radio"/> RNASEH2A	<input type="radio"/> SPPL2A
<input type="radio"/> ARHGEF1	<input type="radio"/> CD3E	<input type="radio"/> DCLRE1B	<input type="radio"/> FOXP3	<input type="radio"/> IL21	<input type="radio"/> MALT1	<input type="radio"/> PEPD	<input type="radio"/> RNASEH2B	<input type="radio"/> SRP54
<input type="radio"/> ARPC1B	<input type="radio"/> CD3G	<input type="radio"/> DCLRE1C	<input type="radio"/> FPR1	<input type="radio"/> IL21R	<input type="radio"/> MAP3K14	<input type="radio"/> PGM3	<input type="radio"/> RNASEH2C	<input type="radio"/> SRP72
<input type="radio"/> ASAH1	<input type="radio"/> CD40	<input type="radio"/> DDX58	<input type="radio"/> G6PC	<input type="radio"/> IL23R	<input type="radio"/> MCM4	<input type="radio"/> PIK3CD	<input type="radio"/> RNF113A	<input type="radio"/> STAT1
<input type="radio"/> ATM	<input type="radio"/> CD40LG	<input type="radio"/> DEF6	<input type="radio"/> G6PC3	<input type="radio"/> IL2RA	<input type="radio"/> MEFV	<input type="radio"/> PIK3R1	<input type="radio"/> RNF168	<input type="radio"/> STAT2
<input type="radio"/> ATP6AP1	<input type="radio"/> CD46	<input type="radio"/> DGAT1	<input type="radio"/> G6PD	<input type="radio"/> IL2RB	<input type="radio"/> MKL1	<input type="radio"/> PLCG2	<input type="radio"/> RNF31	<input type="radio"/> STAT3
<input type="radio"/> B2M	<input type="radio"/> CD55	<input type="radio"/> DIAPH1	<input type="radio"/> GATA2	<input type="radio"/> IL2RG	<input type="radio"/> MOGS	<input type="radio"/> PMM2	<input type="radio"/> RNU4ATAC	<input type="radio"/> STAT4
<input type="radio"/> BACH2	<input type="radio"/> CD59	<input type="radio"/> DKC1	<input type="radio"/> GF11	<input type="radio"/> IL36RN	<input type="radio"/> MPLKIP	<input type="radio"/> PMS2	<input type="radio"/> RORC	<input type="radio"/> STAT5B
<input type="radio"/> BCL10	<input type="radio"/> CD79A	<input type="radio"/> DNAJC21	<input type="radio"/> GINS1	<input type="radio"/> IL6R	<input type="radio"/> MS4A1	<input type="radio"/> PNP	<input type="radio"/> RPSA	<input type="radio"/> STIM1
<input type="radio"/> BCL11B	<input type="radio"/> CD79B	<input type="radio"/> DNASE1L3	<input type="radio"/> GTF2E2	<input type="radio"/> IL6ST	<input type="radio"/> MSN	<input type="radio"/> POLA1	<input type="radio"/> RTEL1	<input type="radio"/> STK4
<input type="radio"/> BLM	<input type="radio"/> CD81	<input type="radio"/> DNASE2	<input type="radio"/> GTF2H5	<input type="radio"/> IL7R	<input type="radio"/> MTHFD1	<input type="radio"/> POLD1	<input type="radio"/> SAMD9	<input type="radio"/> STN1
<input type="radio"/> BLNK	<input type="radio"/> CD8A	<input type="radio"/> DNMT3B	<input type="radio"/> GUCY2C	<input type="radio"/> IRAK4	<input type="radio"/> MVK	<input type="radio"/> POLE	<input type="radio"/> SAMD9L	<input type="radio"/> STX11
<input type="radio"/> BLOC1S3	<input type="radio"/> CDC42	<input type="radio"/> DOCK2	<input type="radio"/> HAX1	<input type="radio"/> IRF2BP2	<input type="radio"/> MYD88	<input type="radio"/> POLE2	<input type="radio"/> SAMHD1	<input type="radio"/> STX3
<input type="radio"/> BLOC1S6	<input type="radio"/> CDCA7	<input type="radio"/> DOCK8	<input type="radio"/> HELLS	<input type="radio"/> IRF4	<input type="radio"/> MYO5B	<input type="radio"/> POLR3A	<input type="radio"/> SAR1B	<input type="radio"/> STXB2
<input type="radio"/> BTK	<input type="radio"/> CEBPE	<input type="radio"/> DSG1	<input type="radio"/> HMOX1	<input type="radio"/> IRF7	<input type="radio"/> MYM1	<input type="radio"/> POMP	<input type="radio"/> SCO2	<input type="radio"/> TAOK2
<input type="radio"/> C17orf62	<input type="radio"/> CFB	<input type="radio"/> DTNBP1	<input type="radio"/> HPS1	<input type="radio"/> IRF8	<input type="radio"/> NBAS	<input type="radio"/> PRF1	<input type="radio"/> SEC61A1	<input type="radio"/> TAP1
<input type="radio"/> C1QA	<input type="radio"/> CFD	<input type="radio"/> DUOX2	<input type="radio"/> HPS3	<input type="radio"/> IRF9	<input type="radio"/> NBN	<input type="radio"/> PRKCD	<input type="radio"/> SEMA3E	<input type="radio"/> TAP2
<input type="radio"/> C1QB	<input type="radio"/> CFH	<input type="radio"/> EFL1	<input type="radio"/> HPS4	<input type="radio"/> ISG15	<input type="radio"/> NCF2	<input type="radio"/> PRKDC	<input type="radio"/> SERPING1	<input type="radio"/> TAPBP
<input type="radio"/> C1QC	<input type="radio"/> CFI	<input type="radio"/> EIF2AK3	<input type="radio"/> HPS5	<input type="radio"/> ITCH	<input type="radio"/> NCF4	<input type="radio"/> PSENEN	<input type="radio"/> SH2D1A	<input type="radio"/> TAZ
<input type="radio"/> C1S	<input type="radio"/> CFP	<input type="radio"/> ELANE	<input type="radio"/> HPS6	<input type="radio"/> ITGAM	<input type="radio"/> NCSTN	<input type="radio"/> PSMA3	<input type="radio"/> SH3BP2	<input type="radio"/> TBX1
<input type="radio"/> C2	<input type="radio"/> CHD7	<input type="radio"/> EPG5	<input type="radio"/> HTRA2	<input type="radio"/> ITGB2	<input type="radio"/> NEUROG3	<input type="radio"/> PSMB4	<input type="radio"/> SH3KBP1	<input type="radio"/> TCF3
<input type="radio"/> C3	<input type="radio"/> CIB1	<input type="radio"/> ERBIN	<input type="radio"/> HYOU1	<input type="radio"/> ITK	<input type="radio"/> NFAT5	<input type="radio"/> PSMB8	<input type="radio"/> SI	<input type="radio"/> TCIRG1
<input type="radio"/> C5	<input type="radio"/> CIITA	<input type="radio"/> ERCC2	<input type="radio"/> ICOS	<input type="radio"/> JAGN1	<input type="radio"/> NFE2L2	<input type="radio"/> PSMG2	<input type="radio"/> SIAE	<input type="radio"/> TCN2
<input type="radio"/> C6	<input type="radio"/> CLCN7	<input type="radio"/> ERCC3	<input type="radio"/> ICOSLG	<input type="radio"/> JAK1	<input type="radio"/> NFKB1	<input type="radio"/> PSTPIP1	<input type="radio"/> SKIV2L	<input type="radio"/> TERC
<input type="radio"/> C7	<input type="radio"/> CLPB	<input type="radio"/> ERCC6L2	<input type="radio"/> IFIH1	<input type="radio"/> JAK3	<input type="radio"/> NFKB2	<input type="radio"/> PTPRC	<input type="radio"/> SLC26A3	<input type="radio"/> TERT
<input type="radio"/> C8A	<input type="radio"/> COL7A1	<input type="radio"/> EXTL3	<input type="radio"/> IFNAR1	<input type="radio"/> KDM6A	<input type="radio"/> NFKBIA	<input type="radio"/> RAB27A	<input type="radio"/> SLC29A3	<input type="radio"/> TFRC

If an order is placed using an older version of this form, Invitae reserves the right to upgrade ordered tests to the current versions. View current requisition forms online at www.invitae.com/forms or consider placing your order online in the Invitae portal. Please note: Test IDs containing add-on codes will include the original panel as well as the add-on.

IMMUNOLOGY TEST CATALOG

CLINICAL AREA: METABOLIC NEWBORN SCREENING AND IMMUNOLOGY

METABOLIC NEWBORN SCREENING AND IMMUNOLOGY INDIVIDUAL GENES (continued)

<input type="radio"/> TGFB1	<input type="radio"/> TNF2	<input type="radio"/> TNFRSF11A	<input type="radio"/> TNFRSF9	<input type="radio"/> TPP2	<input type="radio"/> TTC37	<input type="radio"/> UNC93B1	<input type="radio"/> VPS45	<input type="radio"/> XIAP
<input type="radio"/> TGFB1	<input type="radio"/> TLR3	<input type="radio"/> TNFRSF13B	<input type="radio"/> TNFSF11	<input type="radio"/> TRAF3	<input type="radio"/> TTC7A	<input type="radio"/> UNG	<input type="radio"/> WAS	<input type="radio"/> ZAP70
<input type="radio"/> TGFB2	<input type="radio"/> TMC6	<input type="radio"/> TNFRSF13C	<input type="radio"/> TNFSF12	<input type="radio"/> TRAF3IP2	<input type="radio"/> TYK2	<input type="radio"/> USB1	<input type="radio"/> WDR1	<input type="radio"/> ZBTB24
<input type="radio"/> THBD	<input type="radio"/> TMC8	<input type="radio"/> TNFRSF1A	<input type="radio"/> TONSL	<input type="radio"/> TREX1	<input type="radio"/> UNC13D	<input type="radio"/> VAV1	<input type="radio"/> WIPF1	<input type="radio"/> ZCCHC8
<input type="radio"/> TICAM1	<input type="radio"/> TMEM173	<input type="radio"/> TNFRSF4	<input type="radio"/> TOP2B	<input type="radio"/> TRNT1	<input type="radio"/> UNC45A	<input type="radio"/> VPS13B	<input type="radio"/> WRAP53	<input type="radio"/> ZNF341
<input type="radio"/> TIMM50	<input type="radio"/> TNFAIP3	<input type="radio"/> TNFRSF6B	<input type="radio"/> TP63					

CLINICAL AREA: HEREDITARY CANCER

Test code	Test name	# gene(s)	Gene list
Dyskeratosis Congenita			
<input type="radio"/> 05314	Invitae Dyskeratosis Congenita Panel	9	CTC1, DKC1, NHP2, NOP10, PARN, RTEL1, TERC, TERT, TNF2
	<input type="radio"/> 05314.1 Add-on preliminary-evidence gene	3	ACD, ISB1, WRAP53
HEREDITARY CANCER INDIVIDUAL GENES			
<input type="radio"/> ACD	<input type="radio"/> DKC1	<input type="radio"/> NHP2	<input type="radio"/> PARN
<input type="radio"/> RTEL1	<input type="radio"/> TERC	<input type="radio"/> TERT	<input type="radio"/> TNF2
<input type="radio"/> WRAP53	<input type="radio"/> CTC1	<input type="radio"/> ISB1	<input type="radio"/> NOP10

If an order is placed using an older version of this form, Invitae reserves the right to upgrade ordered tests to the current versions. View current requisition forms online at www.invitae.com/forms or consider placing your order online in the Invitae portal. Please note: Test IDs containing add-on codes will include the original panel as well as the add-on.