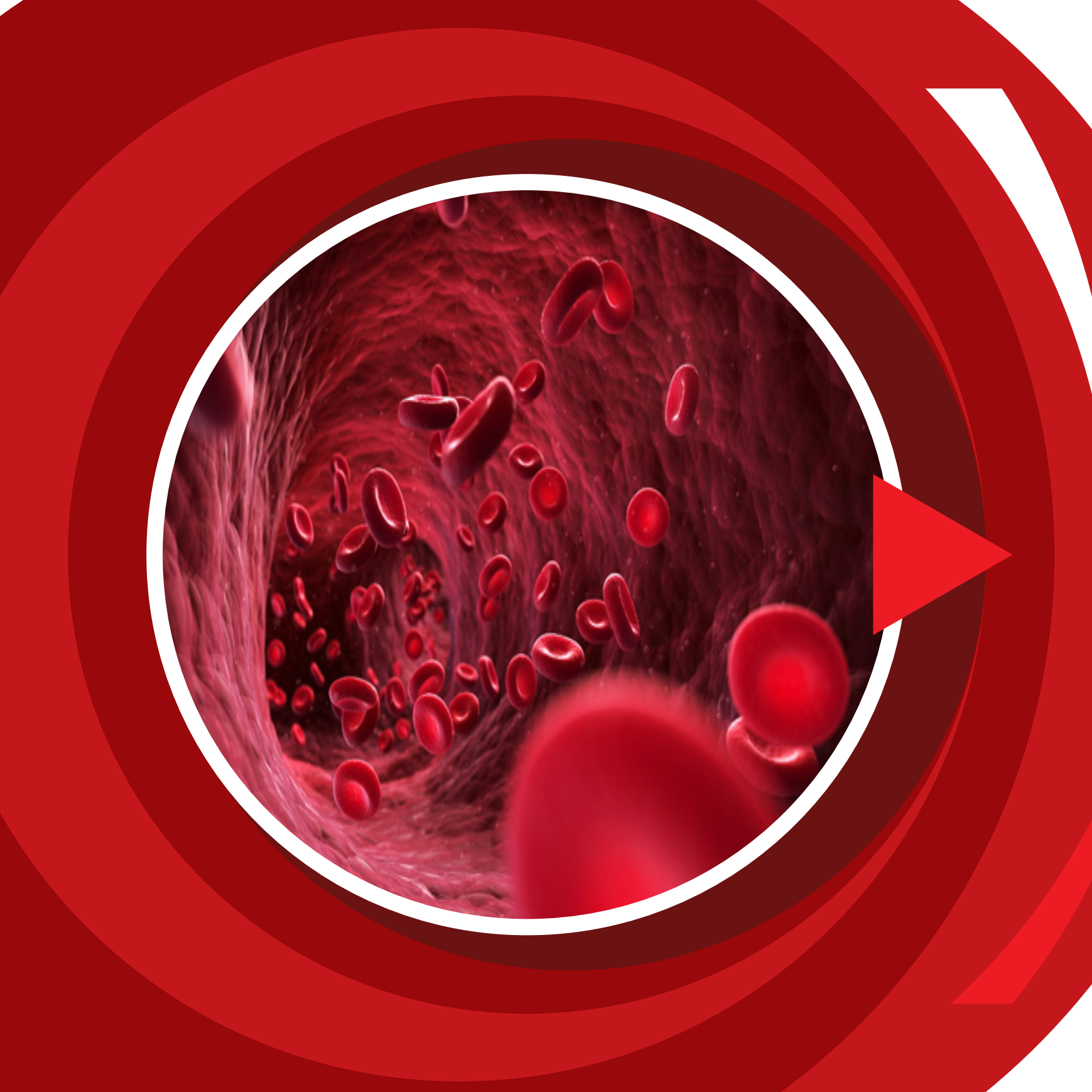

Oncology & Hematology

Oncology & Hematology

Single Gene

Code	Diseases	Gene
sCe10/0001	Accelerated tumor formation, susceptibility to	MDM2
sCe10/0002	Adenosine triphosphate, elevated, of erythrocytes	PKLR
sCe10/0003	Afibrinogenemia, congenital	FGA
sCe10/0004	Afibrinogenemia, congenital	FGG
sCe10/0005	Afibrinogenemia, congenital	FGB
sCe10/0006	Agammaglobulinemia and isolated hormone deficiency	BTK
sCe10/0007	Agammaglobulinemia type 1, autosomal recessive	IGHM
sCe10/0008	Agammaglobulinemia type 1, X-linked	BTK
sCe10/0009	Agammaglobulinemia type 2, autosomal recessive	IGLL1
sCe10/0010	Agammaglobulinemia type 3, autosomal recessive	CD79A
sCe10/0011	Agammaglobulinemia type 4, autosomal recessive	BLNK
sCe10/0012	Agammaglobulinemia type 5, autosomal recessive	LRRC8A
sCe10/0013	Agammaglobulinemia type 6, autosomal recessive	CD79B
sCe10/0014	Agammaglobulinemia type 7, autosomal recessive	PIK3R1
sCe10/0015	Alpha-thalassemia/mental retardation syndrome	ATRX
sCe10/0016	Anemia, neonatal hemolytic, fatal and near-fatal	SPTB
sCe10/0017	Anemia, sideroblastic, pyridoxine-refractory, autosomal recessive	SLC25A38
sCe10/0018	Anemia, sideroblastic, pyridoxine-refractory, autosomal recessive	GLRX5
sCe10/0019	Anemia, sideroblastic, with ataxia	ABCB7
sCe10/0020	Anemia, sideroblastic, X-linked	ALAS2
sCe10/0021	Anemia, X-linked	GATA1
sCe10/0022	Anhaptoglobinemia	HP
sCe10/0023	Bleeding disorder, platelet-type 15	ACTN1
sCe10/0024	Bleeding disorder, platelet-type 17	GFI1B
sCe10/0025	Bleeding disorder, platelet-type 8	P2RY12

sCe10/0026	Bone marrow failure syndrome type 1	SRP72
sCe10/0027	Bone marrow failure syndrome type 2	ERCC6L2
sCe10/0028	Cyanosis, transient neonatal	HBG2
sCe10/0029	Dehydrated hereditary stomatocytosis	PIEZO1
sCe10/0030	Delta-beta thalassemia	HBB
sCe10/0031	Diamond Blackfan anemia type 15 with mandibulofacial dysostosis	RPS28
sCe10/0032	Diamond-Blackfan anemia type 1	RPS19
sCe10/0033	Diamond-Blackfan anemia type 10	RPS26
sCe10/0034	Diamond-Blackfan anemia type 11	RPL26
sCe10/0035	Diamond-Blackfan anemia type 12	RPL15
sCe10/0036	Diamond-Blackfan anemia type 13	RPS29
sCe10/0037	Diamond-Blackfan anemia type 14 with mandibulofacial dysostosis	TSR2
sCe10/0038	Diamond-blackfan anemia type 3	RPS24
sCe10/0039	Diamond-Blackfan anemia type 4	RPS17
sCe10/0040	Diamond-Blackfan anemia type 5	RPL35A
sCe10/0041	Diamond-Blackfan anemia type 6	RPL5
sCe10/0042	Diamond-Blackfan anemia type 7	RPL11
sCe10/0043	Diamond-Blackfan anemia type 8	RPS7
sCe10/0044	Diamond-Blackfan anemia type 9	RPS10
sCe10/0045	Dyserythropoietic anemia	COX4I2
sCe10/0046	Dyserythropoietic anemia, congenital, type 1B	C15orf41
sCe10/0047	Dyserythropoietic anemia, congenital, type 3	KIF23
sCe10/0048	Dyserythropoietic anemia, congenital, type 4	KLF1
sCe10/0049	Dysprothrombinemia	F2
sCe10/0050	Erythrocytosis, familial type 1	EPOR
sCe10/0051	Erythrocytosis, familial type 3	EGLN1
sCe10/0052	Erythrocytosis, familial type 4	EPAS1
sCe10/0053	Factor X deficiency	F10
sCe10/0054	Favism, susceptibility to	G6PD

sCe10/0055	Granulomatous disease, chronic, autosomal recessive, cytochrome b-negative	CYBA
sCe10/0056	Granulomatous disease, chronic, autosomal recessive, cytochrome b-positive, type 2	NCF2
sCe10/0057	Granulomatous disease, chronic, autosomal recessive, cytochrome b-positive, type 3	NCF4
sCe10/0058	Granulomatous disease, chronic, X-linked	CYBB
sCe10/0059	Hemolytic anemia due to G6PD deficiency	G6PD
sCe10/0060	Hemolytic anemia due to triosephosphate isomerase deficiency	TPI1
sCe10/0061	Hemolytic anemia, CD59-mediated, with or without immune-mediated polyneuropathy	CD59
sCe10/0062	Hemolytic anemia, Kell-system related	KEL
sCe10/0063	Hemophilia B	F9
sCe10/0064	Hereditary persistence of fetal hemoglobin	HBG2
sCe10/0065	Intrinsic factor deficiency	GIF
sCe10/0066	Iron-refractory iron deficiency anemia	TMPRSS6
sCe10/0067	Leukemia, acute myeloid form, susceptible due to TERT germline mutation	TERT
sCe10/0068	Leukocyte adhesion deficiency type 3	FERMT3
sCe10/0069	Lutheran inhibitor blood group	KLF1
sCe10/0070	Lymphoproliferative syndrome type 1	ITK
sCe10/0071	Lymphoproliferative syndrome, autoimmune, type 5	CTLA4
sCe10/0072	Lymphoproliferative syndrome, X-linked type 1	SH2D1A
sCe10/0073	Lymphoproliferative syndrome, X-linked type 2	XIAP
sCe10/0074	Megaloblastic anemia type 1	AMN
sCe10/0075	Megaloblastic anemia type 1, Finnish type	CUBN
sCe10/0076	Methemoglobinemia type 1	CYB5R3
sCe10/0077	Myeloproliferative disorder, chronic, with eosinophilia	PDGFRB
sCe10/0078	Neutropenia, severe congenital type 1	ELANE
sCe10/0079	Neutropenia, severe congenital type 3	HAX1
sCe10/0080	Neutropenia, severe congenital type 5, autosomal recessive	VPS45
sCe10/0081	Neutrophilia, hereditary	CSF3R

sCe10/0082	Platelet aggregation disorder	PEAR1
sCe10/0083	Platelet dense granule secretion defect, excessive bleeding	FLI1
sCe10/0084	Platelet disorder with associated myeloid malignancy	RUNX1
sCe10/0085	Platelet glycoprotein IV deficiency	CD36
sCe10/0086	Protoporphyria, erythropoietic, X-linked	ALAS2
sCe10/0087	Pseudoxanthoma elasticum-like disorder with multiple coagulation factor deficiency	GGCX
sCe10/0088	Schimke immunoosseous dysplasia	SMARCAL1
sCe10/0089	SCID autosomal recessive T negative B positive type	JAK3
sCe10/0090	Sea-blue histiocyte disease	APOE
sCe10/0091	Shwachman-Diamond syndrome	SBDS
sCe10/0092	Sickle cell anemia	HBB
sCe10/0093	Sideroblastic anemia with B-cell immunodeficiency, periodic fevers, and developmental delay	TRNT1
sCe10/0094	Spherocytosis type 1	ANK1
sCe10/0095	Spherocytosis type 2	SPTB
sCe10/0096	Spherocytosis type 3	SPTA1
sCe10/0097	Spherocytosis type 5	EPB42
sCe10/0098	Stormorken syndrome	STIM1
sCe10/0099	Thalassemia, alpha	HBA1
sCe10/0100	Thalassemia, alpha	HBA2
sCe10/0101	Thalassemia, delta	HBD
sCe10/0102	Thiamine-responsive megaloblastic anemia syndrome	SLC19A2
sCe10/0103	Thrombocytopenia congenital amegakaryocytic	MPL
sCe10/0104	Thrombocytopenia type 2	ANKRD26
sCe10/0105	Thrombocytopenia type 2	MASTL
sCe10/0106	Thrombocytopenia type 4	CYCS
sCe10/0107	Thrombocytopenia type 5	ETV6
sCe10/0108	Thrombocytopenia with beta thalassemia X-linked	GATA1
sCe10/0109	Thrombocytopenia, neonatal alloimmune	ITGB3

sCe10/0110	Thrombocytopenia, neonatal alloimmune	ITGA2B
sCe10/0111	Thrombocytopenia, X-linked	GATA1
sCe10/0112	Thrombocytopenia, X-linked, intermittent	WAS
sCe10/0113	Thrombocytosis, familial, JAK2 related	JAK2
sCe10/0114	Thrombophilia due to thrombin defect	F2
sCe10/0115	Thrombophilia, X-linked, due to factor IX defect	F9
sCe10/0116	Thrombotic thrombocytopenic purpura	ADAMTS13
sCe10/0117	Thromboxane synthase deficiency	TBXAS1
sCe10/0118	Vitamin K-dependent clotting factors combined deficiency type 1	GGCX
sCe10/0119	von Willebrand disease	VWF
sCe10/0120	von Willebrand disease platelet type	GP1BA
sCe12/0001	Beckwith-Wiedemann syndrome	H19
sCe12/0002	Beckwith-Wiedemann syndrome	KCNQ1OT1
sCe12/0003	Beckwith-Wiedemann syndrome	chr. 11p15
sCe12/0004	Beckwith-Wiedemann syndrome	NSD1
sCe12/0005	Beckwith-Wiedemann syndrome	CDKN1C
sCe12/0006	Carney complex type 1	PRKAR1A
sCe12/0007	Cell cycle disorder, CDC20 related	CDC20
sCe12/0008	Cutaneous telangiectasia and cancer syndrome, familial	ATR
sCe12/0009	Mismatch repair cancer syndrome	MSH6
sCe12/0010	Mismatch repair cancer syndrome	PMS2
sCe12/0011	Mismatch repair cancer syndrome	MLH1
sCe12/0012	Mismatch repair cancer syndrome	MSH2
sCe12/0013	MMR genes methylation analysis	MMR genes
sCe12/0014	Tumor predisposition syndrome	BAP1
sCe12/0015	Tumor predisposition syndrome, ARL11 related	ARL11
sCe12/0016	von Hippel-Lindau syndrome	VHL
sCe12/0017	Wilms tumor, familial, due to BRCA2 mutation	BRCA2
sCe12/0018	Hemangioma capillary infantile	ANTXR1

sCe12/0019	Hemangioma, capillary infantile, familial, susceptibility to	KDR
sCe12/0020	Juvenile myelomonocytic leukemia, due to CBL germline mutation	CBL
sCe12/0021	Leukemia, acute lymphoblastic, susceptibility to, due to PAX5 germline mutation	PAX5
sCe12/0022	Leukemia, myeloid acute form, due to CEBPA germline mutation	CEBPA
sCe12/0023	Myxoma, intracardiac	PRKAR1A
sCe12/0024	Glioblastoma type 3, susceptibility to, due to BRCA2 germline mutation	BRCA2
sCe12/0025	Hereditary Retinoblastoma	RB1
sCe12/0026	Medulloblastoma, desmoplastic, familial	SUFU
sCe12/0027	Medulloblastoma, due to BRCA2 germline mutation	BRCA2
sCe12/0028	Meningioma, familial, PDGFB related	PDGFB
sCe12/0029	Meningioma, familial, susceptibility to	SUFU
sCe12/0030	Meningioma, familial, susceptibility to	SMARCE1
sCe12/0031	Meningioma, MN1 deficiency related	MN1
sCe12/0032	Neurofibromatosis type 1	NF1
sCe12/0033	Neurofibromatosis type 1 -like syndrome	SPRED1
sCe12/0034	Neurofibromatosis type 2	NF2
sCe12/0035	Paraganglioma and gastric stromal sarcoma	SDHD
sCe12/0036	Paragangliomas type 1, with or without deafness	SDHD
sCe12/0037	Paragangliomas type 4	SDHB
sCe12/0038	Paragangliomas type 5	SDHA
sCe12/0039	Basal cell nevus syndrome	SUFU
sCe12/0040	Basal cell nevus syndrome	PTCH1
sCe12/0041	Basal cell nevus syndrome due to germline PTCH2 mutation	PTCH2
sCe12/0042	Li-Fraumeni syndrome type 1	TP53
sCe12/0043	Li-Fraumeni syndrome type 2	CHEK2
sCe12/0044	Carcinoid tumors, intestinal	SDHD
sCe12/0045	Hurthle cell thyroid carcinoma, due to germline NDUFA13 mutation	NDUFA13
sCe12/0046	Multiple endocrine neoplasia type 1, CDKN2B related	CDKN2B
sCe12/0047	Multiple endocrine neoplasia type 2A	RET

sCe12/0048	Multiple endocrine neoplasia type 2B	RET
sCe12/0049	Multiple endocrine neoplasia type 4	CDKN1B
sCe12/0050	Pheochromocytoma type 1	SDHD
sCe12/0051	Pheochromocytoma type 2	SDHB
sCe12/0052	Pheochromocytoma type 3	SDHC
sCe12/0053	Pheochromocytoma type 5	SDHAF2
sCe12/0054	Pheochromocytoma type 8	TMEM127
sCe12/0055	Pheochromocytoma type 9	MAX
sCe12/0056	Pituitary adenoma, ACTH-secreting, due to AIP germline mutation	AIP
sCe12/0057	Pituitary adenoma, growth hormone-secreting, due to AIP germline mutation	AIP
sCe12/0058	Pituitary adenoma, prolactin-secreting, due to AIP germline mutation	AIP
sCe12/0059	RET, selective sequencing of exons 5, 8, 10, 11 and 13-16	RET
sCe12/0060	Thyroid cancer type 2, nonmedullary, susceptibility to	SRGAP1
sCe12/0061	Colorectal cancer, hereditary	NRAS
sCe12/0062	Colorectal cancer, hereditary nonpolyposis type 1	MSH2
sCe12/0063	Colorectal cancer, hereditary nonpolyposis type 2	MLH1
sCe12/0064	Colorectal cancer, hereditary nonpolyposis type 4	PMS2
sCe12/0065	Colorectal cancer, hereditary nonpolyposis type 5	MSH6
sCe12/0066	Colorectal cancer, hereditary nonpolyposis type 6	TGFBR2
sCe12/0067	Colorectal cancer, hereditary nonpolyposis type 7	MLH3
sCe12/0068	Colorectal cancer, hereditary nonpolyposis type 8	EPCAM
sCe12/0069	Colorectal cancer, hereditary, susceptibility to	CCND1
sCe12/0070	Cowden syndrome type 1	PTEN
sCe12/0071	Cowden syndrome type 3	SDHD
sCe12/0072	Cowden syndrome type 5	PIK3CA
sCe12/0073	Cowden syndrome type 6	AKT1
sCe12/0074	Desmoid disease, hereditary	APC
sCe12/0075	Familial adenomatous polyposis coli	APC
sCe12/0076	Familial adenomatous polyposis type 2	MUTYH

sCe12/0077	Familial adenomatous polyposis type 3	NTHL1
sCe12/0078	Familial adenomatous polyposis type 4	MSH3
sCe12/0079	Gastric cancer, hereditary diffuse	CDH1
sCe12/0080	Gastrointestinal stromal tumor, familial	KIT
sCe12/0081	Granulomatous disease, chronic, autosomal recessive, cytochrome b-positive, type 1	NCF1
sCe12/0082	Juvenile polyposis syndrome	SMAD4
sCe12/0083	Juvenile polyposis syndrome	BMPR1A
sCe12/0084	Juvenile polyposis/hereditary hemorrhagic telangiectasia syndrome	SMAD4
sCe12/0085	Nonpolyposis hereditary colon cancer, PMS1 related	PMS1
sCe12/0086	Nonsmall cell lung cancer, familial, susceptibility to	EGFR
sCe12/0087	Pancreatic cancer type 2, susceptibility to	BRCA2
sCe12/0088	Pancreatic cancer type 3, susceptibility to	PALB2
sCe12/0089	Pancreatic cancer, susceptibility to, type 4	BRCA1
sCe12/0090	Pancreatic cancer/melanoma syndrome, familial	CDKN2A
sCe12/0091	Paraganglioma and gastric stromal sarcoma	SDHD
sCe12/0092	Peutz-Jeghers syndrome	STK11
sCe12/0093	Polyposis syndrome, hereditary mixed	GREM1
sCe12/0094	Polyposis syndrome, hereditary mixed type 2	BMPR1A
sCe12/0095	Prostate cancer, hereditary type 2, susceptibility to	ELAC2
sCe12/0096	Breast cancer, male, susceptibility to	BRCA2
sCe12/0097	Breast cancer, RINT1 related	RINT1
sCe12/0098	Breast cancer, susceptibility to	PALB2
sCe12/0099	Breast cancer, susceptibility to	RECQL
sCe12/0100	Breast cancer, susceptibility to	BARD1
sCe12/0101	Breast cancer, susceptibility to	XRCC3
sCe12/0102	Breast-ovarian cancer	BRCA1
sCe12/0103	Breast-ovarian cancer	RAD51C
sCe12/0104	Breast-ovarian cancer, familial, susceptibility to, type 4	RAD51D
sCe12/0105	Breast-ovarian cancer, familial, type 2	BRCA2

sCe12/0106	Endometrial cancer, familial, MSH6 related	MSH6
sCe12/0107	Hereditary breast and ovarian cancer syndrome, RAD50 related	RAD50
sCe12/0108	Prostate cancer	ZNF783
sCe12/0109	Prostate cancer	SRD5A2
sCe12/0110	Prostate cancer	STAG1
sCe12/0111	Prostate cancer	BRCA2
sCe12/0112	Prostate cancer, familial, association with	HOXB13
sCe12/0113	Prostate cancer, hereditary type 1	RNASEL
sCe12/0113	Pleuropulmonary blastoma	DICER1
sCe12/0114	Cylindromatosis, familial	CYLD
sCe12/0115	Melanoma and neural system tumor syndrome, familial	CDKN2A
sCe12/0116	Melanoma, cutaneous malignant	MC1R
sCe12/0117	Melanoma, cutaneous malignant	MITF
sCe12/0118	Melanoma, cutaneous malignant, familial	CDKN2A
sCe12/0119	Melanoma, cutaneous malignant, familial type 10, susceptibility to	POT1
sCe12/0120	Melanoma, cutaneous malignant, familial type 6, susceptibility to	XRCC3
sCe12/0121	Melanoma, cutaneous malignant, familial, CDK4 related	CDK4
sCe12/0122	Muir-Torre syndrome	MLH1
sCe12/0123	Muir-Torre syndrome	MSH2
sCe12/0124	Spiegler-Brooke syndrome	CYLD
sCe12/0125	Trichoepithelioma, multiple familial, type 1	CYLD
sCe12/0126	Tylosis with esophageal cancer	RHBDF2
sCe12/0127	Renal cell carcinoma, due to HNF1A germline mutation	HNF1A
sCe12/0128	Renal cell carcinoma, papillary type 1, familial	MET

Panel

Code	product name	TAT-day
	Clinical Exome Whole exome Solo	
pCe10/0001	Afibrinogenemia panel	25
pCe10/0002	Agammaglobulinemia panel	25
pCe10/0003	Bone marrow failure panel	25
pCe10/0004	Comprehensive SCID panel	25
pCe10/0005	Congenital dyserythropoietic anemia panel	25
pCe10/0006	Congenital neutropenia panel	25
pCe10/0007	Congenital sideroblastic anemia panel	25
pCe10/0008	Hypomagnesemia panel	25
pCe10/0009	Megaloblastic anemia panel	25
pCe10/0010	Pheochromocytoma panel	25
pCe10/0011	Spherocytosis panel	25
pCe10/0012	Thrombocytopenia panel	25
pCe12/0001	BRCA1, BRCA2 panel	25
pCe12/0002	Breast ovarian cancer panel	25
pCe12/0003	CentoBreast® panel	25
pCe12/0004	CentoCancer panel	25
pCe12/0005	CentoColon extended panel	25
pCe12/0006	Colon cancer non-polyposis panel	25
pCe12/0007	Colon cancer with polyps panel	25
pCe12/0008	Gastric cancer panel, targeted	25
pCe12/0009	Multiple endocrine neoplasias /paraganglioma/pheochromocytoma panel	25

pCe12/0010	Ovarian cancer panel, targeted	25
pCe12/0011	Pancreatic cancer panel, targeted	25
pCe12/0012	PGL / PCC / GIST panel, targeted	25
pCe12/0013	Prostate cancer panel	25
pCe12/0014	Renal cancer panel, targeted	25
pCe12/0015	Skin cancer panel, targeted	25
pCe12/0016	Thyroid cancer panel, targeted	25
pCe12/0017	Uterine cancer panel, targeted	25
pCe12/0018	BRCA1, BRCA2 somatic mutation analysis	25
pCe12/0019	Myeloid Tumor Panel	25

Agendia

Code	product
Ag1	Mammprint
Ag2	Blueprint
Ag3	Mammprint + Blueprint