

## myGenome Health Conditions List

VeritasGenetics' myGenome gives you insights into your health, lifestyle traits, family history, and more. The following is a list of hereditary diseases and related health risks currently included in myGenome sequencing and interpretation. Please keep in mind this list is subject to change.

### ACMG

- Hereditary Breast and Ovarian Cancer syndrome
- Li-Fraumeni Syndrome (LFS)
- Peutz-Jeghers Syndrome
- Lynch Syndrome (HNPCC)
- Familial adenomatous polyposis (FAP)
- MUTYH-Associated Polyposis (MAP)
- Von Hippel Lindau syndrome (VHL)
- Multiple endocrine Neoplasia Type 1 (MEN1)
- Multiple endocrine Neoplasia Type 2 (MEN2)
- Familial Medullary Thyroid Cancer (FMTC)
- PTEN Hamartoma Tumor Syndrome (Cowden Syndrome)
- Retinoblastoma (Rb)
- Hereditary Paraganglioma-Pheochromocytoma Syndrome
- Tuberous Sclerosis Complex (TSC1, TSC2)
- WT1-related Wilms tumor
- Neurofibromatosis type 2 (NF2)
- Vascular Ehlers-Danlos Syndrome (EDS)
- Marfan Syndrome
- Loeys-Dietz Syndromes
- Familial Thoracic Aortic Aneurysms and Dissections
- Hypertrophic cardiomyopathy
- Dilated cardiomyopathy
- Catecholaminergic polymorphic ventricular tachycardia
- Arrhythmogenic right ventricular cardiomyopathy
- Romano-Ward Long QT Syndromes Types 1, 2, and 3
- Brugada Syndrome
- Familial hypercholesterolemia
- Malignant hyperthermia susceptibility

### Inherited Cancers

- Breast cancer
- Colorectal cancer
- Kidney cancer

- Liver cancer
- Neuro/endocrine cancer
- Ovarian cancer
- Pancreatic cancer
- Skin cancer
- Stomach cancer
- Bladder & urinary tract cancer
- Uterus cancer
- Testicular germ cell cancer
- Prostate cancer
- Eye cancer
- Blood cancer
- Sarcoma
- Thyroid cancer
- Familial non-Hodgkin lymphoma
- Head and neck cancer

## Cardiovascular Diseases

- Arrhythmia
- Hyperlipoproteinemia
- Cardiomyopathy
- Thoracic aortic aneurysm and dissection
- Pulmonary hypertension
- Hypertension
- Atrial fibrillation
- Coronary artery disease
- Atrial septal defect
- Dyslipidemia

## Immune Disorders

- Autoimmune lymphoproliferative syndrome
- Immunodeficiency
- Mendelian susceptibility to mycobacterial disease
- Systemic lupus erythematosus
- Rheumatoid arthritis
- Psoriasis
- Asthma
- Flu
- Early onset inflammatory bowel disease
- Ulcerative colitis
- Crohn's disease
- Ankylosing spondylitis

## Endocrine & Metabolic

- Diabetes
- Growth hormone deficiency
- Hypogonadotropic hypogonadism
- Obesity
- Hemochromatosis
- Glycogen storage disorders
- Lysosomal storage disorders
- Pyruvate dehydrogenase deficiency
- Peroxisomal disorders
- Metabolic syndrome
- Type 2 diabetes risk / insulin sensitivity

## Neurological Disorders

- Alzheimer's disease
- Parkinson's disease
- Dementia
- Autism
- Epilepsy
- Migraine
- Hearing loss
- Dystonia
- Spinal muscular atrophy
- Periodic paralysis hypokalemic
- Myasthenic syndrome
- Amyotrophic lateral sclerosis
- Charcot-Marie-Tooth disease
- Spastic paraplegia
- Intellectual disability
- Ischemic stroke

## Mental & Mood Disorders

- Schizophrenia
- Anxiety
- Depression

## Organ Health

- Cystic lung
- Bronchiectasis
- Pulmonary fibrosis
- Short stature
- Skeleton malformation
- Osteogenesis imperfecta
- Skeletal dysplasia
- Kidney diseases

- Diarrhea
- Cholestasis
- Hemochromatosis
- Congenital hepatic fibrosis
- Cataract
- Glaucoma
- Night vision deficiency
- Macular degeneration
- Achromatopsia
- Red-green color vision defect
- Bleeding disorder
- Fanconi anemia
- Hemolytic anemia
- Diamond-Blackfan anemia
- Aplastic anemia
- Congenital dyserythropoietic anemia
- Hemolytic uremic syndrome atypical
- Alpha thalassemia
- Ichthyosis
- Albinism
- Xeroderma pigmentosum
- Alopecia
- Tooth and gum disease

## Reproductive/Carrier

- Carrier
- Infertility