23andMe Reports

GENETIC HEALTH RISK REPORTS	
BRCA1/BRCA2	Increased risk for breast and ovarian cancer
Late-Onset Alzheimer's Disease	Memory loss and impaired mental function
Parkinson's Disease	nervous system disorder affecting the motor system
Age-Related Macular Degeneration	Vision loss
Alpha-1 Antitrypsin Deficiency	Lung and liver disease
Celiac Disease	disease of small intestine and gluten intolerance
G6PD Deficiency	red cell blood disorder that can cause anemia in men
Hereditary Hemochromatosis (HFE-Related)	Iron overload disorder
Hereditary Thrombophilia	Increased risk of blood clots

Wellness
Alcohol Flush Reaction
Caffeine Consumption
Deep Sleep
Genetic Weight
Lactose Intolerance
Muscle Composition
Saturated Fat and Weight
Sleep Movement

TRAITS	
Ability to Match Musical Pitch	Freckles
Asparagus Odor Detection	Hair Photobleaching
Back Hair	Hair Thickness
Bald Spot	Light or Dark Hair
Bitter Taste	Misophonia
Cheek Dimples	Newborn Hair
Cilantro Taste Aversion	Photic Sneeze Reflex
Cleft Chin	Red Hair
Earlobe Type	Sweet vs. Salty
Early Hair Loss	Skin Pigmentation
Earwax Type	Toe Length Ratio
Eye Color	Unibrow
Fear of Heights	Wake-Up Time
Finger Length Ratio	Widow's Peak

GENE DISORDERS-CARRIER		
ARSACS	Lack of coordination and balance resulting in frequent falls	French Canadian
Andermann syndrome Agenesis of the Corpus Callosum with Peripheral Neuropathy	Weak and wasting muscles, abnormal reflexes, and loss of sensations in limbs	French Canadian
Autosomal recessive polycystic kidney disease	Abnormal kidney and liver Kidney cysts	
Beta Thalassemia and Related Hemoglobinopathies	Sickle cell anemia	Sardinian, Cypriot, Italian/Siilian, Greek
Bloom Syndrome	Short Stature High cancer risk	Ashkenazi Jews
Canavan or Bertrand Disease	Damages nerve cells in brain and causes intellectual disability and loss of motor skills	Ashkenazi Jews
Congenital Disorder of Glycosylation Type 1a (PMM2-CDG)	Metabolic disorder and malfunction of nervous system, muscles and intestines	Dannish
Cystic Fibrosis	Difficulty breathing and coughing up mucus	Ashkenzi Jews, Northern Europe Hispanic & Latino
D-Bifunctional Protein Deficiency	Unable to break down fats in diet, causing neurodegeneration	
Dihydrolipoamide Dehydrogenase Deficiency	Metabolic disorder	Ashkenazi Jews
Familial Dysautonomia or Riley-Day Syndrome	Affects the nervous system Insensitivity to pain/No tears/ Problems with speech and swallowing	Ashkenazi Jews
Familial Hyperinsulinism (ABCC8-Related)	Hyperinsulinism Insulin dysregulation	Ashkenazi Jews Finnish and Saudi Arabian descent
Fanconi Anemia Group C	Malfunction of bone marrow causing pre-leukemia and leukemia and other cancers	Ashkenazi Jew
GRACILE Syndrome or Fellman Disease	Growth retardation, amino acids in the urine, iron overload, early death	Finnish
Gaucher Disease Type 1	Liver and spleen involvement	Ashkenazi Jews Swedes from Norrbotten

Glycogen Storage Disease Type Ia or Andersen Disease	Deficiency of a liver enzyme leading to hypoglycemia intellectual disability	Ashkenazi Jews Mexican, Chinese, and Japanese descent
Glycogen Storage Disease Type Ib	Body cannot break down complex sugar	
Hereditary Fructose Intolerance	Intolerance of fructose, sucrose, and sorbitol	European Descent
Herlitz Junctional Epidermolysis Bullosa (LAMB3-Related)	Skin disorder- fragile with blistering and skin erosion	
Leigh Syndrome, French Canadian Type	Affects the central nervous system- lesions in the brain	French Canadian
Limb-Girdle Muscular Dystrophy Type 2D Results pending	Weakening and wasting of limb musculature. Muscle degeneration	
Limb-Girdle Muscular Dystrophy Type 2E	Weakening and wasting of limb musculature. Muscle degeneration	Amish
Limb-Girdle Muscular Dystrophy Type 2I	Weakening and wasting of limb musculature. Muscle degeneration	
MCAD Deficiency	Body cannot break down fats Hypoglycemai	Northern European Descent
Maple Syrup Urine Disease Type 1B	Metabolic disorder- Urine smells like maple syrup. Cannot process proteins	Ashkenazi Jews
Mucolipidosis Type IV	Intellectual and motor disabilities Severe vision loss	Ashkenazi Jews
Neuronal Ceroid Lipofuscinosis (CLN5-Related) Batten Disease	Nervous system disorder- vision, movement and thinking. Build up of fats and proteins	Finnish Descent
Neuronal Ceroid Lipofuscinosis (PPT1-Related)	Nervous system disorder- vision, movement and thinking. Build up of fats and proteins	Finnish Descent
Niemann-Pick Disease Type A	Harmful fatty lipids accumulate in the spleen, liver, lungs, brain and bone marrow	Ashkenazi Jews
Nijmegen Breakage Syndrome Berlin Breakage Syndrome	Short stature and small head (microcephaly) Intellectual disabilities, higher risk of cancer	West Slavic descent- Poland
Nonsyndromic Hearing Loss and Deafness, DFNB1 (GJB2-Related)	Hearing loss and deafness	Ashkenazi Jews, European Descent
Pendred Syndrome and DFNB4 Hearing Loss (SLC26A4-Related)	Congenital inner ear hearing loss and low thyroid function	
Phenylketonuria and Related Disorders		North European
Primary Hyperoxaluria Type 2		
Rhizomelic Chondrodysplasia Punctata Type 1		

Salla Disease		Finnish, Swedish descent
Sickle Cell Anemia		African American and African Descent
Sjögren-Larsson Syndrome		Swedish
Tay-Sachs Disease		Ashkenazi Jew, Cajun Descent
Tyrosinemia Type I		French Canadian Finnish Descent
Usher Syndrome Type 1F		Ashkenazi Jews
Usher Syndrome Type 3A		Ashkenazi Jews
Zellweger Syndrome Spectrum (PEX1-Related)		