Genes	Full Name	Regulation	Functions
DTHD1	Death Domain Containing 1	UP	It is a gene that encodes a protein which contains a death domain. Diseases associated with this gene include: Aniridia 1 and Leber Plus Disease
EMILIN2	Elastin Microfibril Interfacer 2	UP	Involved in positive regulation of angiogenesis; positive regulation of defense response to bacterium; and positive regulation of platelet aggregation. Diseases associated with EMILIN2 include Lichen Nitidus and Epidermolytic Acanthoma.
PI16	Peptidase Inhibitor 16	UP	A protein coding gene, predicted to enable peptidase inhibitor activity. Also predicted to act upstream of or within negative regulation of cell growth involved in cardiac muscle cell development. Predicted to enable peptidase inhibitor activity. Predicted to act upstream of or within negative regulation of cell growth involved in cardiac muscle cell development.
C4orf45	aka: SPMIP2(Sperm Microtubule Inner Protein 2)	UP	Also known as SPMIP2. It is a Protein Coding gene. Diseases associated with SPMIP2 include Hyperekplexia.
FAM180B	Family With Sequence Similarity 180 Member B	UP	Predicted to be located in extracellular region. Diseases associated with FAM180B include

			Borderline Leprosy and Mosaic Variegated Aneuploidy Syndrome.
TBX5	T-Box Transcription Factor 5	DOWN	his gene is a member of a phylogenetically conserved family of genes that may play a role in heart development and specification of limb identity. Diseases associated with TBX5 include Holt-Oram Syndrome and Atrial Septal Defect 1.
IFITM1	Interferon Induced Transmembrane Protein 1	DOWN	The protein encoded by this gene restricts cellular entry by diverse viral pathogens, such as influenza A virus, Ebola virus and Sars-CoV-2. Diseases associated with IFITM1 include Influenza and West Nile Virus.
TNN	Tenascin N	DOWN	Involved in positive regulation of sprouting angiogenesis; regulation of cell adhesion; and regulation of cell migration. Diseases associated with TNN include Seckel Syndrome and Lipodystrophy, Congenital Generalized, Type 1
COL13A1	Collagen Type XIII Alpha 1 Chain	DOWN	The function of this gene product is not known, however, it has been detected at low levels in all connective tissue-producing cells so it may serve a general function in connective tissues. Diseases associated with COL13A1 include Myasthenic Syndrome,

			Congenital, 19 and Presynaptic Congenital Myasthenic Syndromes.
IFITM3	Interferon Induced Transmembrane Protein 3	DOWN	They are a family of interferon induced antiviral proteins. The protein encoded by this gene restricts cellular entry by diverse viral pathogens, such as influenza A virus, Ebola virus and Sars-CoV-2. Diseases associated with IFITM3 include Influenza, Severe and Influenza.