Myogenes Genetic Health Screen Gene List

MYOGENES CARDIO SCREEN

MYOGENES
IT'S IN OUR DNA

MYOGENES GENETIC HEALTH SCREEN

Gene(s)	Condition(s)
ACTA2	Aortopathy
ACTC1	Cardiomyopathy, congenital heart disease
ACTN2	Arrhythmia, cardiomyopathy
ACVRL1	Hereditary hemorrhagic telangiectasia, pulmonary arterial hypertension
APOB	Familial hypercholesterolemia, familial hypobetalipoproteinemia
BAG3	Cardiomyopathy, neuromuscular condition
BMPR2	Pulmonary arterial hypertension
CACNA1C	Arrhythmia, cardiomyopathy, congenital heart disease
CACNB2	Arrhythmia
DES	Arrhythmia, cardiomyopathy, neuromuscular condition
DMD	Cardiomyopathy, neuromuscular condition
DSC2	Arrhythmia, cardiomyopathy
DSG2	Arrhythmia, cardiomyopathy
DSP	Arrhythmia, cardiomyopathy
EMD	Arrhythmia, cardiomyopathy, neuromuscular condition
ENG	Hereditary hemorrhagic telangiectasia, pulmonary arterial hypertension
F2	Hereditary thrombophilia
F5	Hereditary thrombophilia
F5	Hereditary thrombophilia
FBN1	Aortopathy
FHL1	Cardiomyopathy, neuromuscular condition
FLNC	Cardiomyopathy, neuromuscular condition
GDF2	Hereditary hemorrhagic telangiectasia
GLA	Cardiomyopathy, lysosomal storage disease
GPD1L	Arrhythmia
HCN4	Arrhythmia, cardiomyopathy
JUP	Arrhythmia, cardiomyopathy
KCNE1	Arrhythmia
KCNE2	Arrhythmia
KCNH2	Arrhythmia
KCNJ2	Arrhythmia
KCNQ1	Arrhythmia
LAMP2	Cardiomyopathy, glycogen storage disease
LDLR	Familial hypercholesterolemia
LDLRAP1	Familial hypercholesterolemia, includes reporting of carrier status
LMNA	Arrhythmia, cardiomyopathy, neuromuscular condition
MYBPC3	Cardiomyopathy
MYH11	Aortopathy

Gene(s)	Condition(s)
CALM1	Arrhythmia
CALM2	Arrhythmia
CALM3	Arrhythmia
CASQ2	Arrhythmia, includes reporting of carrier status
CAV1	Pulmonary arterial hypertension
CAV3	Arrhythmia, cardiomyopathy, neuromuscular condition
COL3A1	Aortopathy
CRYAB	Cardiomyopathy, neuromuscular condition
CSRP3	Cardiomyopathy
MYH7	Cardiomyopathy, neuromuscular condition
MYL2	Cardiomyopathy
MYL3	Cardiomyopathy
MYLK	Aortopathy
NKX2-5	Arrhythmia, congenital heart disease
PCSK9	Familial hypercholesterolemia
PKP2	Arrhythmia, cardiomyopathy
PLN	Arrhythmia, cardiomyopathy
PRKAG2	Arrhythmia, cardiomyopathy
PRKG1	Aortopathy
PROC	Hereditary thrombophilia
PROS1	Hereditary thrombophilia
RBM20	Arrhythmia, cardiomyopathy
RYR2	Arrhythmia, cardiomyopathy
SCN5A	Arrhythmia, cardiomyopathy
SERPINC1	Hereditary thrombophilia
SGCD	Cardiomyopathy, neuromuscular condition
SNAD3	Aortopathy
SMAD4	Hereditary hemorrhagic telangiectasia
TCAP	Cardiomyopathy, neuromuscular condition
TGFB2	Aortopathy
TGFB3	Aortopathy, arrhythmia, cardiomyopathy
TGFBR1	Aortopathy, multiple self-healing squamous epithelioma
TGFBR2	Aortopathy
TMEM43	Arrhythmia, cardiomyopathy
TNNC1	Cardiomyopathy
TNNI3	Arrhythmia, cardiomyopathy
TNNT2	Arrhythmia, cardiomyopathy
TPM1	Cardiomyopathy
VCL	Cardiomyopathy

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