創源生技 GGA

Cardiometabolic Risk Analysis

2021/05

Gene	Condition	Inheritance
PKP2	Arrhythmogenic right ventricular cardiomyopathy	AD
DSP		
DSC2		
TMEM43		
DSG2		
SCN5A	Brugada syndrome	AD
RYR2	Catecholaminergic polymorphic ventricular tachycardia	AD
CASQ2		AR
TRDN		AR
TNNT2	Dilated cardiomyopathy	AD
LMNA		
FLNC		
TTN		
MYH7	Hypertrophic cardiomyopathyh	AD
MYBPC3		
TNNI3		
TPM1		
MYL3		
ACTC1		
PRKAG2		
MYL2		
FBN1	Marfan syndrome	AD
TGFBR1	Aortic aneurysm, familial thoracic	
TGFBR2		
SMAD3		
ACTA2		
MYH11		
ACTC1	Familial hypertrophic cardiomyopathy	AD
MYBPC3		
MYH7		
MYL2		
MYL3		
PRKAG2		
TNNI3		
TPM1		
TNNT2		
LMNA		
KCNQ1	Long QT syndrome	AD
KCNH2		
SCN5A		
COL3A1	Ehlers-Danlos syndrome, type 4	AD

創源生技 GGA

Cardiometabolic Risk Analysis

2021/05

Gene	Condition	Inheritance
TGFBR1	Loeys-Dietz syndrome	AD
TGFBR2		
SMAD3		
HFE	Hereditary hemochromatosis	AR
ACVRL1	Hereditary hemorrhagic telangiectasia	AD
ENG		
HNF1A	Maturity-onset diabetes of the young	AD
RPE65	RPE65-related retinopathy	AR
LDLR	Familial hypercholesterolemia	AD
APOB		
PCSK9		
RYR1	Malignant hyperthermia	AD
CACNA1S		
BTD	Biotinidase deficiency	AR
GLA	Fabry disease	XL
OTC	Ornithine transcarbamylase deficiency	XL
GAA	Pompe disease	AR
ATP7B	Wilson disease	AR

Reference：
Genetic home reference、GeneReviews、ClinGen
Note：
AD : Autosomal Dominant ; AR: Autosomal recessive inheritance ; XL: X-linked inheritance

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