

GeDiPNet Cluster 3 -- Top Shared Genes

Curated genes (disease_gdp) linked to 2 or more of this cluster's member diseases, most widely shared first. Data as of: 2026-10-08 03:15:01. · Rows: 170 · Generated: 2026-10-08 02:09:38

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
SCN5A	18	46	Arrhythmogenic right ventricular cardiomyopathy; Arrhythmogenic right ventricular dysplasia; Atrial flutter; Brugada syndrome; Cardiac arrest; Cardiac arrhythmia; Cardiac conduction disease; Catecholaminergic polymorphic ventricular tachycardia; Conduction disorder of the heart; Hereditary atrial fibrillation; Hereditary bundle branch system defect; Left ventricular noncompaction cardiomyopathy; Long qt syndrome; Paroxysmal familial ventricular fibrillation; Polymorphic catecholaminergic ventricular tachycardia; Sick sinus syndrome; Ventricular fibrillation; Wolff-parkinson-white syndrome
TTN	16	46	Arrhythmogenic right ventricular cardiomyopathy; Arrhythmogenic right ventricular dysplasia; Atrial flutter; Atrioventricular block; Brugada syndrome; Cardiac arrhythmia; Conduction disorder of the heart; Hereditary atrial fibrillation; Left ventricular disease; Left ventricular noncompaction cardiomyopathy; Long qt syndrome; Polymorphic catecholaminergic ventricular tachycardia; Restrictive cardiomyopathy; Sick sinus syndrome; Ventricular fibrillation; Wolff-parkinson-white syndrome
DSP	15	46	Arrhythmogenic right ventricular cardiomyopathy; Arrhythmogenic right ventricular dysplasia; Brugada syndrome; Cardiac arrest; Cardiac arrhythmia; Catecholaminergic polymorphic ventricular tachycardia; Conduction disorder of the heart; Hereditary bundle branch system defect; Left ventricular noncompaction cardiomyopathy; Long qt syndrome; Paroxysmal familial ventricular fibrillation; Restrictive cardiomyopathy; Ventricular fibrillation; Wolff-parkinson-white syndrome
RYR2	14	46	Arrhythmogenic right ventricular cardiomyopathy; Arrhythmogenic right ventricular dysplasia; Brugada syndrome; Cardiac arrest; Cardiac arrhythmia; Catecholaminergic polymorphic ventricular tachycardia; Conduction disorder of the heart; Left ventricular disease; Left ventricular noncompaction cardiomyopathy; Long qt syndrome; Paroxysmal familial ventricular fibrillation; Polymorphic catecholaminergic ventricular tachycardia; Ventricular fibrillation; Wolff-parkinson-white syndrome
MYH6	13	46	Arrhythmogenic right ventricular cardiomyopathy; Atrial flutter; Cardiac arrest; Cardiac arrhythmia; Cardiac conduction disease; Conduction disorder of the heart; Left ventricular disease; Left ventricular noncompaction cardiomyopathy; Long qt syndrome; Restrictive cardiomyopathy; Sick sinus syndrome; Ventricular fibrillation; Wolff-parkinson-white syndrome
PKP2	11	46	Arrhythmogenic right ventricular cardiomyopathy; Arrhythmogenic right ventricular dysplasia; Brugada syndrome; Cardiac arrhythmia; Catecholaminergic polymorphic ventricular tachycardia; Conduction disorder of the heart; Left ventricular disease; Left ventricular noncompaction cardiomyopathy; Long qt syndrome; Polymorphic catecholaminergic ventricular tachycardia; Ventricular fibrillation
TRPM4	11	46	Arrhythmogenic right ventricular cardiomyopathy; Atrioventricular block; Brugada syndrome; Cardiac arrest; Cardiac conduction disease; Catecholaminergic polymorphic ventricular tachycardia; Conduction disorder of the heart; Hereditary bundle branch system defect; Long qt syndrome; Ventricular fibrillation; Wolff-parkinson-white syndrome
ANK2	10	46	Arrhythmogenic right ventricular cardiomyopathy; Brugada syndrome; Cardiac arrest; Cardiac arrhythmia; Catecholaminergic polymorphic ventricular tachycardia; Conduction disorder of the heart; Long qt syndrome; Polymorphic catecholaminergic ventricular tachycardia; Sick sinus syndrome; Wolff-parkinson-white syndrome
LMNA	10	46	Arrhythmogenic right ventricular cardiomyopathy; Atrioventricular block; Cardiac arrhythmia; Cardiac conduction disease; Catecholaminergic polymorphic ventricular tachycardia; Left ventricular disease; Long qt syndrome; Paroxysmal familial ventricular fibrillation; Sick sinus syndrome; Wolff-parkinson-white syndrome
DSG2	9	46	Arrhythmogenic right ventricular cardiomyopathy; Arrhythmogenic right ventricular dysplasia; Cardiac arrest; Catecholaminergic polymorphic ventricular tachycardia; Conduction disorder of the heart; dilated cardiomyopathy 1BB; Left ventricular noncompaction cardiomyopathy; Long qt syndrome; Ventricular fibrillation
HCN4	9	46	Arrhythmogenic right ventricular cardiomyopathy; Atrial flutter; Brugada syndrome; Cardiac arrest; Cardiac arrhythmia; Left ventricular noncompaction cardiomyopathy; Long qt syndrome; Sick sinus syndrome; sick sinus syndrome 2, autosomal dominant
MYH7	9	46	Arrhythmogenic right ventricular cardiomyopathy; Arrhythmogenic right ventricular dysplasia; Cardiac arrhythmia; Conduction disorder of the heart; Left ventricular disease; Left ventricular noncompaction cardiomyopathy; Long qt syndrome; Restrictive cardiomyopathy; Wolff-parkinson-white syndrome
CACNA1C	8	46	Brugada syndrome; Cardiac arrhythmia; Conduction disorder of the heart; Long qt syndrome; Polymorphic catecholaminergic ventricular tachycardia; Restrictive cardiomyopathy; Ventricular fibrillation; Wolff-parkinson-white syndrome
CASQ2	8	46	Atrial flutter; Cardiac arrhythmia; Catecholaminergic polymorphic ventricular tachycardia; Conduction disorder of the heart; Hereditary bundle branch system defect; Long qt syndrome; Polymorphic catecholaminergic ventricular tachycardia; Wolff-parkinson-white syndrome
JUP	8	46	Arrhythmogenic right ventricular cardiomyopathy; Arrhythmogenic right ventricular dysplasia; Conduction disorder of the heart; Left ventricular disease; Left ventricular noncompaction cardiomyopathy; Long qt syndrome; Ventricular fibrillation; Wolff-parkinson-white syndrome
KCNH2	8	46	Atrial flutter; Brugada syndrome; Cardiac arrhythmia; Catecholaminergic polymorphic ventricular tachycardia; Conduction disorder of the heart; Long qt syndrome; Ventricular fibrillation; Wolff-parkinson-white syndrome
KCNJ2	8	46	Brugada syndrome; Cardiac arrhythmia; Catecholaminergic polymorphic ventricular tachycardia; Hereditary atrial fibrillation; Long qt syndrome; Polymorphic catecholaminergic ventricular tachycardia; Ventricular fibrillation; Wolff-parkinson-white syndrome

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
MYBP C3	8	46	Arrhythmogenic right ventricular cardiomyopathy; Brugada syndrome; Catecholaminergic polymorphic ventricular tachycardia; Left ventricular disease; Left ventricular noncompaction cardiomyopathy; Long qt syndrome; Polymorphic catecholaminergic ventricular tachycardia; Wolff-parkinson-white syndrome
SCN1 B	8	46	Brugada syndrome; Cardiac arrhythmia; Cardiac conduction disease; Conduction disorder of the heart; Hereditary atrial fibrillation; Hereditary bundle branch system defect; Long qt syndrome; Ventricular fibrillation
SCN1 0A	7	46	Atrial flutter; Atrioventricular block; Brugada syndrome; Cardiac arrhythmia; Long qt syndrome; Sick sinus syndrome; Ventricular fibrillation
CACN B2	6	46	Arrhythmogenic right ventricular cardiomyopathy; Brugada syndrome; Cardiac arrest; Cardiac conduction disease; Long qt syndrome; Ventricular fibrillation
FLNC	6	46	Arrhythmogenic right ventricular cardiomyopathy; Cardiac arrhythmia; Conduction disorder of the heart; Myofibrillar myopathy; Restrictive cardiomyopathy; Wolff-parkinson-white syndrome
KCNQ 1	6	46	Brugada syndrome; Cardiac arrhythmia; Conduction disorder of the heart; Hereditary atrial fibrillation; Long qt syndrome; Wolff-parkinson-white syndrome
LAMA 4	6	46	Arrhythmogenic right ventricular cardiomyopathy; Brugada syndrome; Catecholaminergic polymorphic ventricular tachycardia; dilated cardiomyopathy 1JJ; Left ventricular noncompaction cardiomyopathy; Wolff-parkinson-white syndrome
LDB3	6	46	Arrhythmogenic right ventricular cardiomyopathy; Arrhythmogenic right ventricular dysplasia; Left ventricular disease; Left ventricular noncompaction cardiomyopathy; Long qt syndrome; Myofibrillar myopathy
NKX2-5	6	46	Atrial flutter; Atrioventricular block; Hereditary atrial fibrillation; Hereditary bundle branch system defect; Long qt syndrome; Ventricular fibrillation
RBM2 0	6	46	Arrhythmogenic right ventricular cardiomyopathy; Conduction disorder of the heart; Left ventricular noncompaction cardiomyopathy; Long qt syndrome; Ventricular fibrillation; Wolff-parkinson-white syndrome
TBX5	6	46	Atrial flutter; Atrioventricular block; Brugada syndrome; Cardiac arrhythmia; Long qt syndrome; Wolff-parkinson-white syndrome
ABCC 9	5	46	Arrhythmogenic right ventricular cardiomyopathy; Brugada syndrome; Hereditary atrial fibrillation; Left ventricular disease; Wolff-parkinson-white syndrome
ACTC 1	5	46	Arrhythmogenic right ventricular cardiomyopathy; Left ventricular disease; Left ventricular noncompaction cardiomyopathy; Restrictive cardiomyopathy; Wolff-parkinson-white syndrome
ACTN 2	5	46	Arrhythmogenic right ventricular cardiomyopathy; Cardiac and skeletal myopathy; Left ventricular noncompaction cardiomyopathy; Ventricular fibrillation; Wolff-parkinson-white syndrome
AKAP 9	5	46	Brugada syndrome; Cardiac arrest; Long qt syndrome; Ventricular fibrillation; Wolff-parkinson-white syndrome
BAG3	5	46	Arrhythmogenic right ventricular dysplasia; Atrioventricular block; dilated cardiomyopathy 1HH; Long qt syndrome; Myofibrillar myopathy
CEP8 5L	5	46	Arrhythmogenic right ventricular cardiomyopathy; Atrial flutter; Cardiac arrest; Cardiac arrhythmia; lissencephaly 10
DES	5	46	Arrhythmogenic right ventricular cardiomyopathy; Atrioventricular block; dilated cardiomyopathy 1I; Myofibrillar myopathy; Restrictive cardiomyopathy
DPP6	5	46	Cardiac arrest; Long qt syndrome; Paroxysmal familial ventricular fibrillation; Ventricular fibrillation; Wolff-parkinson-white syndrome
DSC2	5	46	Arrhythmogenic right ventricular cardiomyopathy; Arrhythmogenic right ventricular dysplasia; familial isolated arrhythmogenic right ventricular dysplasia; Left ventricular disease; Long qt syndrome
KCNJ 8	5	46	Brugada syndrome; Cardiac arrest; Cardiac arrhythmia; Long qt syndrome; Ventricular fibrillation
NEXN	5	46	Arrhythmogenic right ventricular cardiomyopathy; dilated cardiomyopathy 1CC; Left ventricular disease; Left ventricular noncompaction cardiomyopathy; Long qt syndrome
PITX2	5	46	Atrial flutter; Cardiac arrhythmia; Hereditary atrial fibrillation; Sick sinus syndrome; Wolff-parkinson-white syndrome
SNTA 1	5	46	Brugada syndrome; Long qt syndrome; Sick sinus syndrome; Ventricular fibrillation; Wolff-parkinson-white syndrome

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
SYNE2	5	46	Atrial flutter; Cardiac arrhythmia; Left ventricular disease; Long qt syndrome; Restrictive cardiomyopathy
TNNT2	5	46	Arrhythmogenic right ventricular cardiomyopathy; Left ventricular disease; Left ventricular noncompaction cardiomyopathy; Restrictive cardiomyopathy; Wolff-parkinson-white syndrome
AGT	4	46	Cardiac arrhythmia; Hypertrophy; Left ventricular disease; Sick sinus syndrome
CACNA2D1	4	46	Brugada syndrome; Cardiac arrest; Long qt syndrome; Ventricular fibrillation
CALM1	4	46	Cardiac arrhythmia; Catecholaminergic polymorphic ventricular tachycardia; Long qt syndrome; Polymorphic catecholaminergic ventricular tachycardia
CALM2	4	46	Cardiac arrhythmia; Catecholaminergic polymorphic ventricular tachycardia; Long qt syndrome; Polymorphic catecholaminergic ventricular tachycardia
CALM3	4	46	Cardiac arrhythmia; Catecholaminergic polymorphic ventricular tachycardia; Long qt syndrome; Polymorphic catecholaminergic ventricular tachycardia
CTNNA3	4	46	Arrhythmogenic right ventricular cardiomyopathy; Arrhythmogenic right ventricular dysplasia; Left ventricular noncompaction cardiomyopathy; Long qt syndrome
DMD	4	46	Arrhythmogenic right ventricular cardiomyopathy; Conduction disorder of the heart; Left ventricular noncompaction cardiomyopathy; Restrictive cardiomyopathy
JPH2	4	46	cardiomyopathy, dilated, 2e; Left ventricular disease; Left ventricular noncompaction cardiomyopathy; Ventricular fibrillation
KCNE2	4	46	Cardiac arrhythmia; Hereditary atrial fibrillation; Long qt syndrome; Ventricular fibrillation
KCNJ5	4	46	Atrial flutter; Hereditary atrial fibrillation; Long qt syndrome; Sick sinus syndrome
PLN	4	46	Arrhythmogenic right ventricular cardiomyopathy; Cardiac arrest; Cardiac arrhythmia; intrinsic cardiomyopathy
PRDM16	4	46	Left ventricular disease; Left ventricular noncompaction cardiomyopathy; Restrictive cardiomyopathy; Wolff-parkinson-white syndrome
SCN3B	4	46	Brugada syndrome; Cardiac arrhythmia; Hereditary atrial fibrillation; Long qt syndrome
TGFB3	4	46	Arrhythmogenic right ventricular cardiomyopathy; Arrhythmogenic right ventricular dysplasia; Brugada syndrome; Long qt syndrome
TMEM43	4	46	Arrhythmogenic right ventricular cardiomyopathy; Arrhythmogenic right ventricular dysplasia; Left ventricular noncompaction cardiomyopathy; Long qt syndrome
TNNI3	4	46	Arrhythmogenic right ventricular cardiomyopathy; Left ventricular noncompaction cardiomyopathy; Long qt syndrome; Restrictive cardiomyopathy
TNNI3K	4	46	Arrhythmogenic right ventricular cardiomyopathy; Atrial tachyarrhythmia, infra-hisian cardiac conduction disease; Bronchial disease; Cardiac conduction disease
TPM1	4	46	Arrhythmogenic right ventricular cardiomyopathy; dilated cardiomyopathy 1Y; Left ventricular disease; Left ventricular noncompaction cardiomyopathy
TRDN	4	46	Cardiac arrhythmia; Catecholaminergic polymorphic ventricular tachycardia; Long qt syndrome; Polymorphic catecholaminergic ventricular tachycardia
ZFHX3	4	46	Atrial flutter; Bronchial disease; Cardiac arrhythmia; Sick sinus syndrome
ACE	3	46	Cardiac arrhythmia; Hypertrophy; Left ventricular disease
ACTA1	3	46	Hypertrophy; Left ventricular disease; Restrictive cardiomyopathy

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
COL5A1	3	46	Brugada syndrome; Cardiac arrhythmia; Wolff-parkinson-white syndrome
DTNA	3	46	Cardiac arrhythmia; Left ventricular disease; Left ventricular noncompaction cardiomyopathy
EDN1	3	46	Cardiac arrhythmia; Hypertrophy; Left ventricular disease
FPGT - TNNI3K	3	46	Arrhythmogenic right ventricular cardiomyopathy; Bronchial disease; Cardiac conduction disease
GJA5	3	46	Atrial flutter; Hereditary atrial fibrillation; Wolff-parkinson-white syndrome
GPD1L	3	46	Brugada syndrome; Long qt syndrome; Wolff-parkinson-white syndrome
KCNA5	3	46	Atrioventricular block; Cardiac arrhythmia; Hereditary atrial fibrillation
KCNE1	3	46	Arrhythmogenic right ventricular cardiomyopathy; Hereditary atrial fibrillation; Long qt syndrome
KCNE3	3	46	Brugada syndrome; Long qt syndrome; Ventricular fibrillation
MYL3	3	46	Arrhythmogenic right ventricular cardiomyopathy; Long qt syndrome; Restrictive cardiomyopathy
MYPN	3	46	Left ventricular disease; Left ventricular noncompaction cardiomyopathy; Restrictive cardiomyopathy
NEBL	3	46	Cardiac arrest; Cardiac arrhythmia; Wolff-parkinson-white syndrome
NPPA	3	46	Hereditary atrial fibrillation; Hypertrophy; Left ventricular disease
PRKAG2	3	46	Arrhythmogenic right ventricular cardiomyopathy; Left ventricular disease; Wolff-parkinson-white syndrome
SCN4B	3	46	Catecholaminergic polymorphic ventricular tachycardia; Hereditary atrial fibrillation; Long qt syndrome
SIRT6	3	46	Hypertrophy; Left ventricular disease; Long qt syndrome
SLMAP	3	46	Brugada syndrome; Cardiac arrest; Long qt syndrome
TAFAZZIN	3	46	Barth syndrome; Left ventricular disease; Left ventricular noncompaction cardiomyopathy
TBX20	3	46	Brugada syndrome; Left ventricular disease; Wolff-parkinson-white syndrome
TECRL	3	46	Catecholaminergic polymorphic ventricular tachycardia; Long qt syndrome; Polymorphic catecholaminergic ventricular tachycardia
VCL	3	46	Long qt syndrome; Ventricular fibrillation; Wolff-parkinson-white syndrome
ADRB3	2	46	Hypertrophy; Left ventricular disease
AGTR2	2	46	Hypertrophy; Left ventricular disease
AHR	2	46	Hypertrophy; Left ventricular disease

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
AKAP6	2	46	Atrial flutter; Cardiac arrhythmia
ANKRD1	2	46	Brugada syndrome; Left ventricular disease
AOPEP	2	46	Atrial flutter; Cardiac arrhythmia
ASAH1	2	46	Atrial flutter; Cardiac arrhythmia
C2ORF49	2	46	Arrhythmogenic right ventricular cardiomyopathy; Left ventricular noncompaction cardiomyopathy
CACNA1D	2	46	Long qt syndrome; Sick sinus syndrome
CAND2	2	46	Atrial flutter; Cardiac arrhythmia
CAV1	2	46	Atrial flutter; Cardiac arrhythmia
CAV3	2	46	Brugada syndrome; Long qt syndrome
CCDC141	2	46	Atrioventricular block; Sick sinus syndrome
CDKN1A	2	46	Atrial flutter; Hypertrophy
CEP68	2	46	Atrial flutter; Cardiac arrhythmia
CKB	2	46	Hypertrophy; Left ventricular disease
CKM	2	46	Hypertrophy; Left ventricular disease
CMA1	2	46	Hypertrophy; Left ventricular disease
COL1A1	2	46	Hypertrophy; Left ventricular disease
COL3A1	2	46	Hypertrophy; Left ventricular disease
CTNNB1	2	46	Hypertrophy; Left ventricular disease
EPG5	2	46	Bronchial disease; Vici syndrome
ESR2	2	46	Atrial flutter; Cardiac arrhythmia
FAM13B	2	46	Atrial flutter; Cardiac arrhythmia
FBN1	2	46	Brugada syndrome; Left ventricular disease
FGF5	2	46	Atrial flutter; Cardiac arrhythmia
FHL2	2	46	Arrhythmogenic right ventricular cardiomyopathy; Left ventricular noncompaction cardiomyopathy
FN1	2	46	Hypertrophy; Left ventricular disease

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
FNIP1	2	46	FNIP1-associated syndrome; Wolff-parkinson-white syndrome
GAA	2	46	Hypertrophy; Left ventricular disease
GATA4	2	46	Brugada syndrome; Hereditary atrial fibrillation
GDF15	2	46	Hypertrophy; Left ventricular disease
GJA1	2	46	Cardiac arrhythmia; Hypertrophy
GNAI2	2	46	Atrioventricular block; Long qt syndrome
GORAB	2	46	Atrial flutter; Cardiac arrhythmia
HBEGF	2	46	Hypertrophy; Left ventricular disease
HRC	2	46	Brugada syndrome; Hereditary bundle branch system defect
HRH2	2	46	Hypertrophy; Left ventricular disease
INS	2	46	Cardiac arrest; Ventricular fibrillation
KCND3	2	46	Brugada syndrome; Cardiac arrhythmia
KCNJ16	2	46	Brugada syndrome; hypokalemic alkalosis, familial, with specific renal tubulopathy
KCNN2	2	46	Cardiac arrest; Cardiac arrhythmia
KCNN3	2	46	Atrial flutter; Cardiac arrhythmia
KRT8	2	46	Cirrhosis; Sick sinus syndrome
LIPT2	2	46	Brugada syndrome; Ventricular fibrillation
LPA	2	46	Atrial flutter; Cardiac arrhythmia
LRMDA	2	46	Atrial flutter; Cardiac arrhythmia
MAPT	2	46	Atrial flutter; Cardiac arrhythmia
MTOR	2	46	Hypertrophy; Left ventricular disease
MYC	2	46	Hypertrophy; Left ventricular disease
MYH11	2	46	Left ventricular disease; Wolff-parkinson-white syndrome
MYH7B	2	46	Brugada syndrome; Left ventricular disease
MYL2	2	46	Arrhythmogenic right ventricular cardiomyopathy; Restrictive cardiomyopathy

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
MYO M1	2	46	Arrhythmogenic right ventricular cardiomyopathy; Cardiac arrest
NDE1	2	46	Left ventricular disease; Wolff-parkinson-white syndrome
NEUR L1	2	46	Atrial flutter; Cardiac arrhythmia
OPLA H	2	46	5-oxoprolinase deficiency; Atrial flutter
PAMR 1	2	46	Hypertrophy; Left ventricular disease
PCM1	2	46	Atrial flutter; Cardiac arrhythmia
PDZR N4	2	46	Cardiac arrest; Ventricular fibrillation
PNPL A2	2	46	Hypertrophy; Left ventricular disease
POM C	2	46	Long qt syndrome; Sick sinus syndrome
PPFIA 4	2	46	Atrial flutter; Cardiac arrhythmia
PPP3 CA	2	46	Hypertrophy; Left ventricular disease
PPP3 R1	2	46	Hypertrophy; Left ventricular disease
PRDM 8	2	46	Atrial flutter; Cardiac arrhythmia
PRRX 1	2	46	Atrial flutter; Cardiac arrhythmia
PTEN	2	46	Hypertrophy; Long qt syndrome
PTPR F	2	46	Hypertrophy; Left ventricular disease
PYRO XD1	2	46	Myofibrillar myopathy; myofibrillar myopathy 8
RAF1	2	46	Cardiac arrhythmia; Left ventricular noncompaction cardiomyopathy
RANG RF	2	46	Brugada syndrome; Cardiac arrhythmia
REC1 14	2	46	Atrial flutter; Cardiac arrhythmia
REN	2	46	Hypertrophy; Left ventricular disease
RPS6 KB1	2	46	Hypertrophy; Left ventricular disease
RYR1	2	46	Arrhythmogenic right ventricular cardiomyopathy; Long qt syndrome

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
SCN2B	2	46	Brugada syndrome; Hereditary atrial fibrillation
SH3PXD2A	2	46	Atrioventricular block; Cardiac arrhythmia
SLC25A4	2	46	Left ventricular disease; Restrictive cardiomyopathy
SLC27A6	2	46	Congenital right-sided heart lesions; Ventricular fibrillation
STK11	2	46	Hypertrophy; Left ventricular disease
TCAP	2	46	Left ventricular noncompaction cardiomyopathy; Wolff-parkinson-white syndrome
TNNC1	2	46	Arrhythmogenic right ventricular cardiomyopathy; dilated cardiomyopathy 1Z
TTR	2	46	Brugada syndrome; Conduction disorder of the heart