

Data S1

Four hundred and fifty-five candidate genes for congenital heart disease (CHD)

ABCC9	ACE	ACP6	ACTA2	ACTB	ACTC1	ACTN2	ACVR1	ACVR2B	ADRB1
ADRB2	ADRB3	AGL	AGT	AGTR1	AHSA2	ANKRD1	APOBEC2	ARL13B	ASXL2
ATE1	ATP1A2	ATP4A	ATP4B	BAT1	BBIP1	BBS1	BBS10	BBS12	BBS2
BBS4	BBS5	BBS7	BBS9	BCL11A	BCL6	BCL9	BCOR	BICC1	BMP7
BMPR1A	BMPR1B	BMPR2	BUB1B	C1ORF106	CACNA1C	CACNA2D1	CALM1	CALM2	CALR3
CASQ2	CAV3	CCDC39	CCDC40	CCT4	CDH1	CDH2	CDKN1C	CER1	CFC1
CHD1L	CHD7	LDB3	FH19	APPB1	FIBP	KMT2D	GPD1	TTC8	NGF
HMGCL	STIL	MKKS	RPSA	ARL6	NELFA	GRID2	KCNH2	TRIM32	CHRAC1
CHRD	CHRNG	PQBPI	CITED2	CLDN7	CLUL1	CNTF	COL11A1	COL11A2	COL2A1
COL3A1	CREBBP	CRELD1	CRHBP	CRX	CRYAB	CSRP1	CSRP3	CTLA4	CTNNA3
CUL3	CYP11B2	DAND5	DAPK3	DES	DHCR24	DHCR7	DHODH	DLL1	DMRT2
DNAI1	DNAI2	DOLK	DOT1L	DPP6	DPPA4	DSC2	DSG2	DSP	DST
DTNA	DVL1	DVL2	DZIP1	EDNRA	EDNRB	EED	EFNB1	EHMT1	ELN
EMD	EP300	ESCO2	EVC	EVC2	EYA4	EZH1	EZH2	FBN1	FBN2
FGF	FKTN	FLNA	FLNB	FMO5	FOXA2	FOXC1	FOXC2	FOXH1	FOXJ1
FOXL2	FTO	FXN	GAA	GADL1	GALNT11	GATA4	GATA5	GATA6	GATAD1
GDF1	GJA1	GJA5	GJA8	GJA9	GLA	GLI2	GLI3	GPC3	GPD1L
GPR161	GPRC6A	GSK3B	HAND1	HAND2	HCN4	HES1	HES4	HEY2	HFE
HOXA1	HUWE1	HYLS1	ID2	IDUA	IER2	IFNG	IFT122	IFT172	IFT20
IFT57	IFT88	IGFBP4	IGFBP5	IHH	IL10	IPPK	ISL1	JAG1	JARID2
JAZF1	JPH2	JUP	KCND2	KCND3	KCNE1	KCNE1L	KCNE2	KCNE3	KCNE4
KCNH2	KCNJ11	KCNJ2	KCNJ5	KCNJ8	KCNMB1	KCNQ1	KDM5A	KDM5B	KDM6A
KIAA0196	KIAA1841	KIF3A	KIF3B	KIF3C	KIFAP3	KLF13	KRAS	LAMA4	LAMP2
LBR	LDB3	LEFTY1	LEFTY2	LEMD3	LIPC	LLPH	LMNA	LPIN1	LRRC50

LRR6	MARK2	MAX	MED13L	MED20	MEF2A	MEF2C	METT10D	MGAT1	MGP
MICA	MICB	MID1	MKKS	MKRN2	MKS1	MNDA	MSX2	MYBPC3	MYH10
MYH11	MYH6	MYH7	MYL2	MYL3	MYLK2	MYOZ2	MYPN	NAA15	NCOR2
NEBL	NEK2	NEXN	NF1	NFATC1	NFATC3	NFATC4	NFKBIL1	NIPBL	NKDI
NKX2-5	NKX2-6	NKX3-2	NODAL	NOS3	NOTCH1	NOTCH2	NOTCH2NL	NOTCH3	NOTCH4
NOTO	NPH3	NPPA	NPPB	NSD1	NUB1	NUMBL	NUP188	OBSCN	OFD1
OSR1	PAFAH1B1	PAPOLG	PCMTD2	PCSK5	PDLIM3	PEX1	PEX13	PHF8	PHYHD1
PIFO	PITX2	PKD1L1	PKD2	PKP2	PLA2G7	PLAGL1	PLN	PPMIK	PPP3CA
PQBPI	PRC1	PRDM1	PRKAB2	PRKAG2	PROX1	PSEN1	PSEN2	PTCH1	PTCH2
PTPLA	PTPN11	PTPN22	PTPRC	RAB10	RAB23	RAF1	RAI1	RAI2	RANGRF
RAPGEF5	RBM20	REL	RFX2	RFX3	RIT1	RNF20	ROCK2	ROR2	RPGRIPL
RUNX2	S100Z	SALL1	SALL2	SALL4	SATB2	SCN1B	SCN3B	SCN4B	SCN5A
SDC2	SDHA	SEL1L3	SEMA3E	SESN1	SETBP1	SGCA	SGCB	SGCD	SGCE
SGCG	SHH	SHOC2	SIX3	SLC26A2	SLC2A10	SLMAP	SMAD2	SMAD5	SMARCD3
SMO	SMYD1	SMYD2	SNAI1	SNTA1	SOD2	SOS1	SOX17	SOX9	SRF
STIL	SUFU	SUPT3H	SUPT5H	SUV420H1	TAZ	TBX1	TBX20	TBX3	TBX5
TCAP	TCF21	TCOF1	TDGF1	TFAP2A	TFAP2B	TGFB1	TGFBR1	TGFBR2	TGIF1
TLL1	TMBIM4	TMEM195	TMEM43	TMPO	TNF	TNFRSF21	TNNC1	TNNI3	TNNT2
TP63	TPM1	TRDN	TRPM4	TSC1	TSEN15	TTC21B	TTC30A	TTR	TWIST1
TXNDC3	UBE2B	UBR1	UMODL1	USF1	USP34	USP44	VANGL2	VCL	VEGFA
VEGFC	VIT	WDR5	WHSC1	WNT3A	XPO1	ZEB2	ZFPM1	ZIC3	ZNF480
ZNF528	ZNF534	ZNF610	ZNF638	ZNHIT3					