

FBXW7	AQR	COQ5	FGFBP1	LILRA1	PA2G4	RPS6KA6	TDRD15
CLTC	ARHGAP45	CPN1	FITM1	LRP2	PCDHB14	RPS6KC1	TEP1
NEXN	ARID1A	CPNE3	FRRS1	MAP3K1	PDCD5	RTN3	TEX11
ZNF750	ARID1B	CREB3L1	FRY	MAP4K4	PDE4A	RYR2	TEX15
ARHGAP21	ARID5B	CREB5	FUNDC2	MAPK3	PDIA3	RYR3	TMEM38B
CNOT7	ARPC1A	CSDC2	GALNT5	MARCH6	PDZK1	SCAF4	TMIGD1
COG1	ASB10	CT83	GALNT7	MARCH7	PEAK1	SCFD2	TMX2
FAT1	ATP6V0E1	CTH	GCDH	MATR3	PGBD1	SCGN	TRHDE
KIAA0753	BAIAP2	CTNNA2	GCLC	MEDAG	PHF3	SCIN	TRIP12
KMT2C	BBOF1	CYP2R1	GIMAP4	MIS18BP1	PHTF1	SCN3A	TTC21A
KMT2D	BBS7	DCHS2	GLMN	MKNK1	PI4KB	SCNM1	TXLNG
NSD1	BCORL1	DDX58	GLS2	MLPH	PIK3R6	SCUBE2	TYROBP
RHBG	BOC	DEFB135	GNMT, PEX6	MPDU1	PKD2L1	SEPT10	U2AF2
SRRM3	BTNL3	DGKI	GNPAT	MPHOSPH8	PLCB4	SGO2	UBR4
SYNE2	C1orf210	DIAPH2	GPAT4	MPO	PLOD3	SH2D4B	UBR5
TRAF3IP1	C20orf194	DIEXF	GPRC5A	MPP1	PODN	SHANK1	UNC80
RBM43	C2CD3	DLG5	GPSM2	MRM3	PPWD1	SLC13A2	USH1C
A2M	C8B	DLX4	GPT	MRPL40	PREX2	SLC40A1	USP12
ABCA10	CACNA1G	DNAH10	GSDMA	MTERF3	PRKAG2	SLC9A7	VWA5B1
ABCC9	CCDC121	DNAH7	H2BFM	MYBPC1	PRKCD	SMURF1	VWDE
ACOXL	CCDC180	DNMT1	HELZ	MYH11	PRKCE	SNX18	WASF1
ACSM2A	CCDC82	DNPEP	HHAT	MYL6B	PRKD1	SNX29	WBSCR28
ACTR3	CCL5	DST	HIGD1B	MYO18B	PROK2	SNX32	YKT6
ADAM11	CCNA1	DZIP3	HIPK3	MYOF	PROX1	SORBS1	ZCWPW2
ADAM20	CD177	EGR4	HK3	NCOA2	PRR14	SORCS1	ZFP69B
ADCY4	CD5	EIF6	HLCS	NCOR1	PTEN	SPATA20	ZFYVE16
AGL	CDC37L1	ELF1	IGSF10	NDUFV1	PTPN14	SPATA31E1	ZFYVE26
AIM1	CDH7	EPHA2	IKBKB	NEB	PUM2	ST6GALNAC3	ZNF200
AK5	CEP192	EPHA5	KIAA0430	NLRP11	RAB40AL	STAC2	ZNF546
ALDH3B1	CFAP157	ESYT3	KIAA1217	NOP2	RAD54L2	SULT4A1	ZNF573
ALDH4A1	CFAP70	ETNPPL	KIAA1429	NOS2	RARG	SUN5	ZNF577
ANKHD1	CFL2	EXT2	KNTC1	NPAS2	RBM48	SYK	ZNF615
ANKHD1-EIF4EBP3	CHD1L	FAHD1	KPNA3	NPHP1	RBMS3	SYNRG	ZNF630-AS1
ANKLE2	CHD7	FAHD2B	L2HGDH	NSD2	RBPJ	SYT15	ZNF716
ANKRD6	CIT	FAM134B	LAMB1	NUTM1	RCC2	TAS1R3	ZNF746
ANO3	CLCA4	FAM227B	LAMB2	OIT3	RDH12	TAS2R41	ZNF781
ANO4	CMYA5	FAM98B	LARGE1	OR10W1	RGS22	TAS2R50	ZP2
ANPEP	CNKSR3	FANCL	LDLOC1L	OR1S1	RHBDD1	TBC1D31	ZPBP2
APEH	COBL	FGD6	LHPP	OR5K1	RLN1	TBX15	ZZZ3

Sup Table 1: Genes with relevant genetic variants according the prioritization criteria.