



Scout by Mirum: Movement Disorders Genetic Panel

No-cost patient genetic testing program for movement disorders

PROGRAM OVERVIEW

In partnership with PreventionGenetics, Mirum Pharmaceuticals offers a no-cost genetic testing program for patients to help identify the genetic cause of movement disorders through a 938-gene panel.

AAAS	AARS1	AARS2	AASS	ABCA1	ABCA2	ABCA7	ABCB7	ABCC8	ABCD1	ABHD12	ABHD5	ACAT2	ACBD5
ACO2	ACOX1	ACOX2	ACP5	ACTB	ACTL6B	ADA2	ADAMTS13	ADAR	ADCY5	ADCY6	ADD3	ADGRG1	ADHIC
ADPRS	ADSL	AFG3L2	AGA	AGTPBP1	AH1I	AIFM1	AIMP1	ALAD	ALDH18A1	ALDH3A2	ALDH5A1	ALDH6A1	ALG6
ALS2	AMACR	AMPD2	ANG	ANK3	ANKLE2	ANO10	ANO3	ANOS1	APIS2	AP3B2	AP3D1	AP4B1	AP4E1
AP4M1	AP4S1	AP5Z1	APOB	APP	APTX	ARCNI	ARFGF2	ARG1	ARL13B	ARL6	ARL6IP1	ARMC9	ARNT2
ARSA	ARV1	ARX	ASAH1	ASL	ASNS	ASS1	ATCAY	ATG5	ATL1	ATM	ATP13A2	ATPIA2	ATPIA3
ATP2B3	ATP2B4	ATP5F1E	ATP6AP2	ATP7A	ATP7B	ATP8A2	ATPAF2	ATRX	ATXN7	AUH	B3GALT6	B4GALNT1	B4GAT1
B9D1	BBS1	BBS10	BBS12	BBS2	BBS4	BBS5	BBS7	BBS9	BCAP31	BCKDHA	BCKDHB	BCL11B	BCOR
BCSIL	BICD2	BOLA3	BRAT1	BSCL2	BTD	C12orf4	C19orf12	CA8	CACNA1A	CACNA1B	CACNA1D	CACNA1G	CACNA2D2
CACNB4	CAMTA1	CAPNI	CARS2	CASK	CAV1	CC2D2A	CCDC28B	CCDC88C	CCT5	CDKL5	CEP104	CEP120	CEP152
CEP290	CEP41	CFH	CHAMP1	CHCHD10	CHMP1A	CHMP2B	CHP1	CIT	CIZ1	CKAP2L	CLCN2	CLIC2	CLN3
CLN5	CLN6	CLN8	CLP1	CLPB	CLPP	CLTC	CNTN2	CNTNAP1	CNTNAP2	COA3	COA7	COA8	COASY
COG2	COG4	COG5	COL18A1	COL4A1	COL4A2	COL6A3	COQ2	COQ4	COQ5	COQ6	COQ7	COQ8A	COQ9
COX10	COX14	COX15	COX20	COX6B1	COX8A	CP	CPLANE1	CPS1	CPT1C	CREBBP	CRLF1	CRPPA	CSFIR
CSPP1	CSTB	CTBP1	CTC1	CTDP1	CTNNB1	CTSD	CTSF	CUL4B	CWFI9L1	CYB5R3	CYC1	CYP27A1	CYP2U1
CYP7B1	DAB1	DAO	DARS1	DARS2	DBT	DCAF17	DCC	DCPS	DCTN1	DCX	DDC	DDHD1	DDHD2
DDX3X	DEAF1	DHCR24	DHFR	DHPS	DKC1	DLAT	DLD	DMXL2	DNA2	DNAJB2	DNAJC12	DNAJC13	DNAJC19
DNAJC3	DNAJC5	DNAJC6	DNM1L	DNM2	DNMT1	DOCK3	DOCK8	DPM1	DPYD	DPYS	DRD3	DRD5	DYNC1H1
DYRK1A	EARS2	EBF3	ECHS1	EEF2	EGR2	EIF2B1	EIF2B2	EIF2B3	EIF2B4	EIF2B5	EIF4G1	ELOVL1	ELOVL4
ELOVL5	ELP2	EMC1	EML1	ENTPD1	EPM2A	ERAL1	ERBB4	ERCC1	ERCC2	ERCC3	ERCC4	ERCC5	ERCC6
ERCC8	ERLIN1	ERLIN2	ETHE1	EXOSC3	EXOSC8	EXOSC9	EXT2	EZH2	FA2H	FAR1	FARS2	FASTKD2	FAT2
FBXL4	FBXO7	FGD4	FGF12	FGF14	FGFR1	FIG4	FITM2	FKRP	FKTN	FLNA	FLNC	FLVCR1	FOLR1
FOXG1	FOXRED1	FRMD4A	FRRS1L	FTL	FUCA1	FUS	FXN	GABRB1	GABRB2	GABRB3	GAD1	GALC	GAMT
GAN	GATAD2B	GBA1	GBA2	GBE1	GCDH	GCHI	GCLC	GDAP2	GEMIN4	GFAP	GFM1	GFM2	GIGYF2
GJA1	GJB1	GJC2	GLB1	GLRA1	GLRX5	GLS	GLUD2	GLYCTK	GM2A	GMPPA	GMPPB	GNAL	GNAO1
GOSR2	GPAA1	GPR88	GRIA3	GRID2	GRIK2	GRIN1	GRIN2B	GRIN2D	GRM1	GRN	GSS	HACE1	HARS1
HARS2	HCFC1	HCN1	HEPACAM	HERC1	HEXA	HEXB	HIBCH	HIKESHI	HK1	HMBS	HNRNPA1	HNRNPA2B1	HNRNPH2
HPCA	HPDL	HPRT1	HSD17B10	HSD17B4	HSPD1	HSPG2	HTRA1	HTRA2	IBA57	IFIH1	IFRD1	IFT140	IFT172
IFT27	INPP5E	INTS8	IRF2BPL	ISCA2	ITM2B	ITPR1	JAM3	KANK1	KARS1	KATNIP	KCNA1	KCNA2	KCNA4
KCNC1	KCNC3	KCND3	KCNJ10	KCNJ6	KCNMA1	KCNQ2	KCNT1	KCTD17	KCTD7	KDM5C	KIAA0586	KIDINS220	KIF1A
KIF1B	KIF1C	KIF2A	KIF5A	KIF5C	KIF7	KLC2	KMT2B	KY	LICAM	L2HGDH	LAGE3	LAMA2	LAMB2

LARGE1	LIAS	LIPT1	LIPT2	LMNB1	LMNB2	LRP4	LRPPRC	LRRK2	LRSAM1	LYRM7	LYST	MAG	MAN2B1
MAPT	MARS1	MARS2	MAT1A	MATR3	MBD5	MCCC2	MCOLN1	MDH2	MECP2	MECR	MED13L	MED17	MED25
MFF	MFN2	MFSD2A	MFSD8	MGME1	MICU1	MIPEP	MKS1	MLC1	MMACHC	MMADHC	MME	MOCS1	MOCS2
MORC2	MPDU1	MPV17	MPZ	MRE11	MRPS22	MRPS34	MTO1	MTPAP	MTRFR	MTPP	MVK	MYBPC1	MYH14
MYO7A	NADK2	NAGA	NAGLU	NALCN	NANS	NAT8L	NAXE	NDE1	NDRG1	NDUFA1	NDUFA10	NDUFA11	NDUFA12
NDUFA13	NDUFA2	NDUFA4	NDUFA9	NDUFAF1	NDUFAF2	NDUFAF3	NDUFAF4	NDUFAF5	NDUFAF6	NDUFB3	NDUFB9	NDUFS1	NDUFS2
NDUFS3	NDUFS4	NDUFS6	NDUFS7	NDUFS8	NDUFV1	NDUFV2	NECAP1	NEFH	NEFL	NEU1	NEXMIF	NF1	NF2
NFASC	NGLY1	NHLRC1	NIPA1	NKX2-1	NKX6-2	NMNAT1	NOL3	NOS3	NOTCH3	NPC1	NPC2	NPHPI	NR4A2
NSUN2	NT5C2	NUBPL	NUP62	OCLN	OFD1	OPA1	OPA3	OPHN1	OPTN	OSGEP	OTC	PAFAH1B1	PANK2
PARK7	PARN	PARS2	PC	PCCA	PCCB	PCDH12	PCDH19	PCLO	PCNA	PDE10A	PDE6D	PDE8B	PDGFB
PDGFRB	PDHA1	PDHB	PDHX	PDP1	PDSS1	PDSS2	PDYN	PET100	PEX1	PEX10	PEX11B	PEX12	PEX13
PEX14	PEX16	PEX19	PEX2	PEX26	PEX3	PEX5	PEX6	PEX7	PFN1	PGAP1	PGK1	PGM3	PHGDH
PHKA1	PHYH	PIBF1	PIEZO2	PIGA	PIGG	PIGN	PIGQ	PIGS	PIK3R5	PINK1	PITRM1	PLA2G6	PLAA
PLCBI	PLD3	PLEKHG2	PLEKHG4	PLP1	PLXND1	PMM2	PMP22	PMPCA	PNKD	PNKP	PNP	PNPLA6	PNPLA8
PNPT1	PODXL	POLG	POLG2	POLRIC	POLR3A	POLR3B	POMGNT1	POMGNT2	POMK	POMT1	POMT2	PONI	PPP1R15B
PPP3CA	PPT1	PQBPI	PRDM8	PRF1	PRICKLE1	PRICKLE2	PRKCG	PRKN	PRKRA	PROK2	PROKR2	PRPH	PRPS1
PRRT2	PRX	PSAP	PSAT1	PSENI	PSEN2	PSMB8	PTEN	PTFIA	PTPN23	PTRH2	PTRHD1	PTS	PUM1
PURA	PYCR2	PYROXD1	QARS1	QDPR	RAB18	RAB27A	RAB39B	RAB3GAP1	RAD50	RARS1	RARS2	REEP1	REEP2
RETREG1	RFT1	RHOBTB2	RLIM	RNASEH1	RNASEH2A	RNASEH2B	RNASEH2C	RNASET2	RNF113A	RNF125	RNF168	RNF170	RNF216
ROGDI	RORA	RPGRIPL	RPIA	RPL10	RRM2B	RTN2	RTN4IP1	RTTN	RUBCN	SACS	SAMD9L	SAMHD1	SARS1
SCARB2	SCN1A	SCN1B	SCN2A	SCN8A	SCN9A	SCO1	SCO2	SCP2	SCYL1	SDHA	SDHAF1	SDHB	SDHD
SELENO1	SEPSECS	SERAC1	SETX	SFXN4	SGCE	SGPL1	SH3TC2	SHMT2	SIGMAR1	SIL1	SLC12A6	SLC13A5	SLC16A2
SLC17A5	SLC18A2	SLC19A2	SLC19A3	SLCIA3	SLCIA4	SLC20A2	SLC25A12	SLC25A15	SLC25A22	SLC25A4	SLC25A46	SLC2A1	SLC30A10
SLC30A9	SLC33A1	SLC39A14	SLC39A4	SLC44A1	SLC46A1	SLC52A2	SLC52A3	SLC6A1	SLC6A17	SLC6A19	SLC6A3	SLC6A8	SLC9A1
SLC9A6	SMAD4	SMCIA	SMG9	SMPD1	SNAP25	SNCA	SNX14	SOD1	SOX10	SOX2	SOX6	SPART	SPAST
SPG11	SPG21	SPG7	SPR	SPTAN1	SPTBN2	SPTBN4	SPTLC2	SQSTM1	STAMPB	STN1	STUB1	STXBPI	SUCLA2
SUFU	SUMF1	SUOX	SURF1	SVBP	SYNE1	SYNJ1	SYT14	SYT2	TACO1	TAF1	TAF2	TANGO2	TARDBP
TBC1D20	TBC1D23	TBC1D24	TBCD	TBCE	TBK1	TCF4	TCN2	TCTN1	TCTN2	TCTN3	TDPI	TDP2	TECPR2
TELO2	TENM4	TFG	TGM6	TH	THAP1	THGIL	THOC2	TIMM8A	TIMMDC1	TINF2	TMEM107	TMEM138	TMEM216
TMEM231	TMEM237	TMEM240	TMEM67	TMEM70	TMX2	TORIA	TP53RK	TPI1	TPK1	TPM2	TPP1	TRAPPC11	TRAPPC12
TRAPPC4	TREM2	TREX1	TRIM32	TRNT1	TRPC3	TRPM7	TSEN15	TSEN2	TSEN54	TSMF	TTBK2	TTC19	TTC21B
TTPA	TTR	TUBA1A	TUBA4A	TUBB	TUBB3	TUBB4A	TUBG1	TWNK	TXN2	TYMP	TYROBP	UBA5	UBE3A
UBQLN2	UBR4	UBTF	UCHL1	UFC1	UNC80	UPB1	UQCC2	UQCC3	UQCRB	UQCRC2	UQCRFS1	UQCRQ	UROCI
USP18	VAC14	VAMPI	VAPB	VARS2	VCP	VLDLR	VPS11	VPS13A	VPS13C	VPS13D	VPS16	VPS35	VPS37A
VPS51	VPS53	VRK1	VWA3B	WARS2	WASHC5	WDR26	WDR45	WDR62	WDR73	WDR81	WFS1	WNK1	WWOX

Source: PreventionGenetics

