



Inborn error of metabolism panel

AASS	ALAD	ARHGEF9	BOLA3	COA5	CTNS
ABAT	ALDH18A1	ARSA	BTD	COA6	CTSA
ABCD1	ALDH3A2	ARSB	BTK	COASY	CTSD
ABCD4	ALDH4A1	ASAH1	C12orf65	COG1	CTSF
ABCG5	ALDH5A1	ASL	C19orf12	COG2	CTSK
ABCG8	ALDH6A1	ASNS	C19orf70	COG4	CUBN
ABHD14A	ALDH7A1	ASPA	C1GALT1C1	COG5	CYB5R3
ACY1	ALDOA	ASS1	C1QBP	COG6	CYC1
ACAD8	ALDOB	ATIC	CA5A	COG7	CYP19A1
ACAD9	ALG1	ATP13A2	CARS2	COG8	CYP27A1
ACADL	ALG11	ATP5F1A	CBS	COQ2	D2HGDH
ACADM	ALG12	ATP5F1D	CCDC115	COQ4	DBH
ACADS	ALG13	ATP5F1E	CD320	COQ6	DBT
ACADSB	ALG14	ATP6V0A2	CEP89	COQ7	DCAF17
ACADVL	ALG2	ATP7A	CFTR	COQ8A	DDC
ACAT1	ALG3	ATP7B	CHIT1	COQ9	DDOST
ACOX1	ALG6	ATPAF2	CHST14	COX10	DECR1
ACSF3	ALG8	AUH	CHST3	COX14	DGUOK
ADA	ALG9	B3GALN2	CHST6	COX15	DHCR24
ADK	ALPL	B3GALT6	CHSY1	COX20	DHCR7
ADSL	AMACR	B3GAT3	CKM	COX6B1	DHDDS
AGA	AMN	B3GLCT	CLN3	COX8A	DHTKD1
AGK	AMPD1	B4GALN1	CLN5	CP	DLAT
AGL	AMT	B4GALT1	CLN6	CPOX	DLD
AGPS	AP1S1	B4GALT7	CLN8	CPS1	DMGDH
AGXT	APOPT1	BCKDHA	CLPB	CPT1A	DNA2
AGXT2	APRT	BCKDHB	CLPX	CPT2	DNAJC12
AHCY	ARG1	BCKDK	COA3	CTH	DNAJC19

טלפון: 02-6779197

פקס: 02-6777499

דוא"ל: elpeleg@hadassah.org.ilקרית הדסה, ת.ד. 12000,
ירושלים 91120www.hadassah.org.il

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DNAJC5	FBP1	GBE1	GPHN	HPD	LMBRD1
DNM1L	FBXL4	GCDH	GPI	HPRT1	LRPPRC
DOLK	FDX1L	GCH1	GPX1	HSD17B10	LYRM4
DPAGT1	FECH	GCSH	GRHPR	HSD17B4	LYRM7
DPM1	FH	GFER	GRN	HTRA2	MAGT1
DPM2	FKRP	GFM1	GSR	HYAL1	MAN1B1
DPM3	FKTN	GFM2	GSS	IBA57	MAN2B1
DPYD	FMO3	GFPT1	GSTZ1	IDH2	MANBA
DPYS	FOLR1	GIF	GTPBP3	IDS	MAOA
DSE	FOXRED1	GK	GUSB	IDUA	MARS2
DTYMK	FTCD	GLA	GYG1	ISCA1	MAT1A
EARS2	FTL	GLB1	GYS1	ISCA2	MCCC1
ECHS1	FUCA1	GLDC	GYS2	ISPD	MCCC2
ECI1	FUT8	GLRA1	HADH	ITPA	MCEE
ECSIT	G6PC	GLRB	HADHA	IVD	MCOLN1
ELAC2	G6PC3	GLUD1	HADHB	KCTD7	MFF
ENO3	G6PD	GLUL	HAGH	KHK	MFSD8
EOGT	GAA	GLYCTK	HCFC1	L2HGDH	MGAT2
ETFA	GAD1	GM2A	HEXA	LAMP2	MGME1
ETFB	GALC	GMPPA	HEXB	LARGE1	MGST3
ETFDH	GALE	GMPPB	HGD	LCAT	MIPEP
ETHE1	GALK1	GNA11	HGSNAT	LCT	MLYCD
EXT1	GALNS	GNE	HIBCH	LDHA	MMAA
EXT2	GALNT3	GNMT	HK1	LDHB	MMAB
FA2H	GALT	GNPAT	HLCS	LDHD	MMACHC
FAH	GAMT	GNPTAB	HMBS	LFNG	MMADHC
FAR1	GAMT	GNPTG	HMGCL	LIAS	MOCOS
FARS2	GATM	GNS	HMGCS2	LIPA	MOCS1
FASTKD2	GBA	GOT2	HOGA1	LIPT1	MOCS2

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MOGS	NAGLU	NDUFS5	PCCA	PGAP2	PNPLA8
MPC1	NAGS	NDUFS6	PCCB	PGAP3	PNPO
MPDU1	NARS2	NDUFS7	PCK1	PGK1	POFUT1
MPI	NDUFA1	NDUFS8	PCK2	PGM1	POGLUT1
MPV17	NDUFA10	NDUFV1	PDHA1	PGM3	POLG
MRPL3	NDUFA11	NDUFV2	PDHB	PHGDH	POLG2
MRPL43	NDUFA12	NEU1	PDHX	PHKA1	POMGNT1
MRPL44	NDUFA2	NFS1	PDP1	PHKA2	POMGNT2
MRPS14	NDUFA4	NFU1	PDSS1	PHKB	POMK
MRPS16	NDUFA6	NGLY1	PDSS2	PHKG2	POMT1
MRPS2	NDUFA8	NPC1	PEPD	PHYH	POMT2
MRPS22	NDUFA9	NPC2	PET100	PIGA	POR
MRPS25	NDUFAF1	NPL	PET117	PIGC	PPM1K
MRPS34	NDUFAF2	NSUN3	PEX1	PIGH	PPOX
MRPS7	NDUFAF3	NT5C3A	PEX10	PIGL	PPT1
MRRF	NDUFAF4	NUBPL	PEX11B	PIGM	PREPL
MSTO1	NDUFAF5	NUS1	PEX12	PIGN	PRKAG3
MT-CO1	NDUFAF6	OAT	PEX13	PIGO	PRODH
MTFMT	NDUFAF7	OGDH	PEX14	PIGQ	PSAP
MTHFR	NDUFB1	OPA3	PEX16	PIGT	PSAT1
MT-ND1	NDUFB10	OPLAH	PEX19	PIGU	PSPH
MTO1	NDUFB3	OTC	PEX2	PIGV	PTCD1
MTR	NDUFB4	OXA1L	PEX26	PIGW	PTCD3
MTRR	NDUFB8	OXCT1	PEX3	PIGY	PTS
MUT	NDUFB9	PAH	PEX5	PKLR	PYGL
MVK	NDUFS1	PANK2	PEX6	PLA2G6	PYGM
NAA10	NDUFS2	PAPSS2	PEX7	PMM2	QDPR
NADK2	NDUFS3	PC	PFKM	PMPCB	QRSL1
NAGA	NDUFS4	PCBD1	PGAM2	PNP	RBCK1

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RFT1	SLC25A22	SPR	TMEM65	VPS33A
RMND1	SLC25A26	SRD5A3	TMEM70	WARS2
RNASEH1	SLC25A3	SSBP1	TOP3A	WDR45
RPIA	SLC25A4	SSR4	TPI1	XDH
RPN2	SLC26A2	ST3GAL3	TPK1	XYLT1
RRM2B	SLC2A1	ST3GAL5	TPMT	
RXYLT1	SLC2A2	STT3A	TPP1	
SARDH	SLC30A2	STT3B	TRIP11	
SCO1	SLC33A1	SUCLA2	TRIT1	
SCO2	SLC35A1	SUCLG1	TRMT10C	
SDHAF1	SLC35A2	SUGCT	TRMT5	
SEC23A	SLC35A3	SUMF1	TRMU	
SEC23B	SLC35C1	SUOX	TSFM	
SERAC1	SLC35D1	TACO1	TTC19	
SERPINA1	SLC37A4	TALDO1	TUFM	
SFXN4	SLC39A8	TANGO2	TUSC3	
SGSH	SLC3A1	TARS2	TWNK	
SI	SLC52A1	TAT	TXN2	
SLC13A5	SLC52A2	TAZ	TYMP	
SLC17A5	SLC52A3	TCN1	UMPS	
SLC19A2	SLC5A1	TCN2	UPB1	
SLC19A3	SLC6A19	TFAM	UQCC2	
SLC22A5	SLC6A3	TH	UQCC3	
SLC25A1	SLC6A5	TIMM50	UQCRB	
SLC25A10	SLC6A8	TIMMDC1	UQCRC2	
SLC25A13	SLC6A9	TK2	UQCRQ	
SLC25A15	SLC7A7	TMEM126B	UROD	
SLC25A19	SLC7A9	TMEM165	UROS	
SLC25A20	SMPD1	TMEM199	VAR2	

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