

## Panel prekonceptyjny – pełna lista genów

*Diagnostyka genetyczna nosicielstwa chorób recesywnych*

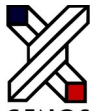


Dokument zawiera pełną, alfabetyczną listę genów objętych panelem prekonceptyjnym wykonywanym w Laboratorium Genetyki Medycznej GENOS. Wersja panelu NGS600 v1.0 aktualna od dnia 17.04.2026

<b>Liczba genów</b> 1938	<b>Układ listy</b> alfabetyczny	<b>Zakres dokumentu</b> symbole genów
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### Uwaga

Niniejszy plik ma charakter informacyjny. W przypadku modyfikacji panelu wiążący pozostaje aktualny zakres badania obowiązujący w dniu zlecenia.



**GENOS Panel prekonceptyjny – lista genów**  
**Lista genów objętych panelem (alfabetycznie)**

Poniżej przedstawiono pełną listę symboli genów uwzględnionych w panelu.

AAAS	AARS	AARS2	ABAT	ABCA12
ABCA3	ABCA4	ABCB11	ABCB4	ABCB7
ABCC6	ABCC8	ABCC9	ABCD1	ABCD4
ABHD12	ABHD5	ACACA	ACAD9	ACADM
ACADS	ACADSB	ACADVL	ACAN	ACAT1
ACD	ACE	ACO2	ACOX1	ACOX2
ACP5	ACSL4	ACTA1	ACTL6B	ACY1
ADA	ADA2	ADAM17	ADAM22	ADAMTS13
ADAMTS19	ADAMTS2	ADAMTSL2	ADAR	ADARB1
ADAT3	ADCY1	ADCY5	ADCY6	ADGRG1
ADGRG6	ADGRV1	ADK	ADPRHL2	ADSL
AFF2	AFG3L2	AGA	AGK	AGL
AGPAT2	AGPS	AGRN	AGT	AGTPBP1
AGTR1	AGXT	AHCY	AHI1	AIFM1
AIMP1	AIMP2	AIPL1	AIRE	AK2
AKR1D1	ALAD	ALDH18A1	ALDH1A3	ALDH3A2
ALDH4A1	ALDH5A1	ALDH6A1	ALDH7A1	ALDOA
ALDOB	ALG1	ALG11	ALG12	ALG13
ALG14	ALG2	ALG3	ALG6	ALG8
ALG9	ALMS1	ALOX12B	ALOXE3	ALPL
ALS2	ALX3	ALX4	AMACR	AMER1
AMN	AMPD1	AMPD2	AMT	ANK3
ANKLE2	ANKS6	ANO10	ANO5	ANOS1
ANTXR1	ANTXR2	AP1B1	AP1S1	AP1S2
AP3B1	AP3B2	AP3D1	AP4B1	AP4E1
AP4M1	AP4S1	APC2	APTX	AQP2
AR	ARFGEF2	ARG1	ARHGDI	ARHGFE9
ARL13B	ARL3	ARL6	ARL6IP1	ARMC9
ARNT2	ARPC1B	ARSA	ARSB	ARSE
ARV1	ARX	ASAH1	ASCC1	ASL

**Panel prekonceptyjny – lista genów**

ASNS	ASPA	ASPH	ASPM	ASS1
ATAD1	ATAD3A	ATCAY	ATG7	ATIC
ATM	ATOH7	ATP13A2	ATP1A2	ATP2B3
ATP5F1D	ATP5MK	ATP6AP1	ATP6AP2	ATP6V0A2
ATP6V0A4	ATP6V1A	ATP6V1B1	ATP6V1E1	ATP7A
ATP7B	ATP8A2	ATP8B1	ATPAF2	ATR
ATRX	AUH	AVIL	B3GALNT2	B3GALT6
B3GAT3	B3GLCT	B4GALNT1	B4GALT1	B4GALT7
B4GAT1	B9D1	B9D2	BANF1	BBIP1
BBS1	BBS10	BBS12	BBS2	BBS4
BBS5	BBS7	BBS9	BCAP31	BCKDHA
BCKDHB	BCKDK	BCOR	BCS1L	BGN
BHLHA9	BIN1	BLM	BLNK	BMP1
BMP2	BMPER	BMPR1B	BOLA3	BRAT1
BRCA1	BRCA2	BRF1	BRWD3	BSCL2
BSND	BTD	BTK	BUB1B	C12orf57
C15orf41	C19orf12	C1QBP	C2CD3	C2orf69
CA2	CA5A	CA8	CABP2	CACNA1D
CAD	CAMK2A	CANT1	CAPN3	CARD11
CARMIL2	CARS2	CASK	CASQ2	CASR
CAV1	CAVIN1	CBS	CC2D1A	CC2D2A
CCBE1	CCDC22	CCDC39	CCDC40	CCDC47
CCDC65	CCDC8	CCDC88A	CCDC88C	CCN6
CCNO	CCNQ	CCT5	CD19	CD247
CD27	CD3D	CD3E	CD3G	CD40
CD40LG	CD55	CD70	CD79A	CD79B
CDC14A	CDC45	CDH11	CDH2	CDH23
CDH3	CDK10	CDK5RAP2	CDKL5	CDSN
CDT1	CENPF	CENPJ	CEP104	CEP120
CEP135	CEP152	CEP164	CEP290	CEP41
CEP55	CEP57	CEP63	CEP78	CEP83
CERS1	CERS3	CFAP298	CFAP300	CFAP410
CFAP418	CFL2	CFP	CFTR	CHAT

CHKB	CHM	CHMP1A	CHRD1	CHRNA1
CHRN1	CHRN2	CHRN3	CHRN4	CHRN5
CHST3	CHSY1	CHUK	CIB2	CIITA
CISD2	CIT	CKAP2L	CLCN1	CLCN2
CLCN4	CLCN5	CLCN7	CLCNKB	CLDN1
CLDN10	CLDN14	CLDN16	CLDN19	CLIC5
CLMP	CLN3	CLN5	CLN6	CLN8
CLP1	CLPB	CLPP	CLRN1	CNKS2
CNNM2	CNPY3	CNTNAP1	CNTNAP2	COA6
COA8	COASY	COCH	COG1	COG2
COG4	COG5	COG6	COG7	COL11A1
COL11A2	COL13A1	COL17A1	COL18A1	COL1A2
COL27A1	COL3A1	COL4A3	COL4A4	COL4A5
COL6A1	COL6A2	COL6A3	COL7A1	COL9A2
COLEC10	COLEC11	COLQ	COQ2	COQ4
COQ6	COQ7	COQ8A	COQ8B	COQ9
CORO1A	COX10	COX14	COX15	COX20
COX6A2	COX6B1	COX7B	COX8A	CPLANE1
CPLX1	CPS1	CPT1A	CPT2	CRADD
CRB1	CRB2	CRBN	CREB3L1	CRIP1
CRLF1	CRPPA	CRTAP	CRYAA	CRYAB
CSF1R	CSF2RB	CSF3R	CSPP1	CSTA
CSTB	CTC1	CTDP1	CTNNA2	CTNS
CTPS1	CTSA	CTSD	CTSK	CTU2
CUL4B	CUL7	CWC27	CWF19L1	CYB5R3
CYBA	CYBB	CYC1	CYP11A1	CYP11B1
CYP11B2	CYP17A1	CYP24A1	CYP27A1	CYP27B1
CYP2R1	CYP2U1	CYP4F22	CYP7B1	D2HGDH
DAG1	DARS	DARS2	DBT	DCAF17
DCDC2	DCHS1	DCLRE1C	DCX	DDB2
DDC	DDHD1	DDHD2	DDR2	DDX11
DDX3X	DDX59	DEAF1	DEGS1	DENND5A
DGAT1	DGKE	DGUOK	DHCR24	DHCR7

**Panel prekonceptyjny – lista genów**

DHDDS	DHH	DHODH	DHTKD1	DHX37
DIAPH1	DIS3L2	DKC1	DLAT	DLD
DLG3	DLL3	DLX5	DMD	DMP1
DMXL2	DNA2	DNAAF11	DNAAF3	DNAAF4
DNAAF5	DNAH11	DNAH5	DNAH9	DNAJC12
DNAJC19	DNAJC21	DNAJC3	DNAJC6	DNM1L
DNM2	DNMT3B	DOCK2	DOCK6	DOCK7
DOCK8	DOK7	DOLK	DONSON	DPAGT1
DPH1	DPM1	DPM2	DPYD	DRC1
DSE	DSG1	DSP	DST	DSTYK
DUOX2	DUOXA2	DYM	DYNC2H1	DYNC2LI1
DYSF	EARS2	EBP	ECEL1	ECHS1
EDA	EDAR	EDARADD	EDN3	EDNRB
EFEMP2	EFL1	EFNB1	EGR2	EIF2AK3
EIF2AK4	EIF2B1	EIF2B2	EIF2B3	EIF2B4
EIF2B5	EIF2S3	EIF4A3	ELAC2	ELMO2
ELMOD3	ELOVL4	ELP1	ELP2	EMC1
EMC10	EMD	EMG1	EML1	ENPP1
ENTPD1	EOGT	EPCAM	EPG5	EPM2A
EPRS	EPS8	EPS8L2	ERAL1	ERBB3
ERCC1	ERCC2	ERCC3	ERCC4	ERCC5
ERCC6	ERCC6L2	ERCC8	ERLIN1	ERLIN2
ESCO2	ESPN	ESRRB	ETFA	ETFB
ETFDH	ETHE1	EVC	EVC2	EXOC3L2
EXOSC3	EXOSC8	EXOSC9	EXPH5	EXT2
EXTL3	F10	F13A1	F2	F7
F8	F9	FA2H	FADD	FAH
FAM126A	FAM149B1	FAM20A	FAM20C	FANCA
FANCB	FANCC	FANCD2	FANCE	FANCF
FANCG	FANCI	FANCL	FANCM	FAR1
FARS2	FASTKD2	FAT4	FBLN5	FBP1
FBXL4	FBXO7	FCSK	FERMT3	FEZF1
FGA	FGB	FGD1	FGD4	FGF3

FGFR3	FGG	FH	FHL1	FIG4
FITM2	FKBP10	FKBP14	FKRP	FKTN
FLAD1	FLNA	FLNB	FLVCR1	FLVCR2
FOLR1	FOXE1	FOXE3	FOXL2	FOXN1
FOXP3	FOXRED1	FRAS1	FREM1	FREM2
FRMPD4	FRRS1L	FSHB	FTCD	FTL
FTO	FTSJ1	FUCA1	FUT8	FXN
G6PC	G6PC3	GAA	GAD1	GALC
GALE	GALK1	GALNS	GALT	GAMT
GAN	GAS8	GATA1	GATM	GBA
GBA2	GBE1	GCDH	GCH1	GCK
GCSH	GDAP1	GDF1	GDF5	GDF6
GDI1	GEMIN4	GFER	GFM1	GFM2
GFPT1	GHR	GIPC3	GJA1	GJB2
GJB3	GJB6	GJC2	GK	GLA
GLB1	GLDC	GLDN	GLE1	GLIS3
GLRX5	GLS	GLUL	GLYCTK	GM2A
GMPPA	GMPPB	GNB5	GNPAT	GNPTAB
GNPTG	GNRH1	GNRHR	GNS	GOLGA2
GORAB	GOSR2	GOT2	GPAA1	GPC3
GPC6	GPHN	GPSM2	GPT2	GPX4
GRHL2	GRHPR	GRIA3	GRID2	GRIK2
GRIN1	GRIP1	GRM1	GRM7	GRXCR1
GSS	GTF2H5	GTPBP3	GUCY1A1	GUCY2C
GUF1	GUSB	GYS1	GYS2	GZF1
HACD1	HACE1	HADH	HADHA	HADHB
HAMP	HARS1	HARS2	HAX1	HBB
HCCS	HCFC1	HDAC8	HEPACAM	HERC1
HERC2	HES7	HESX1	HEXA	HEXB
HGF	HGSNAT	HIBCH	HIKESHI	HINT1
HJV	HK1	HLCS	HMGCL	HMGCS2
HMX1	HNRNPH2	HOGA1	HOXA1	HOXC13
HPD	HPDL	HPGD	HPRT1	HPS1

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HPSE2	HSD11B2	HSD17B10	HSD17B3	HSD17B4
HSD3B2	HSD3B7	HSPA9	HSPD1	HSPG2
HTRA2	HUWE1	HYAL1	HYLS1	IARS
IARS2	IBA57	ICK	ICOS	IDS
IDUA	IER3IP1	IFIH1	IFNGR1	IFNGR2
IFT122	IFT140	IFT172	IFT27	IFT43
IFT52	IFT74	IFT80	IFT81	IGBP1
IGF1	IGF1R	IGFBP7	IGHMBP2	IGSF1
IHH	IKBKB	IL10RA	IL11RA	IL12RB1
IL1RAPL1	IL1RN	IL21R	IL2RA	IL2RB
IL2RG	IL7R	ILDR1	IMPAD1	INPP5E
INPP5K	INPPL1	INS	INSR	INTS1
INTU	INVS	IPO8	IQCB1	IQSEC1
IQSEC2	IRAK4	IRF8	IRX5	ISCA1
ISCA2	ITCH	ITGA3	ITGA6	ITGA7
ITGA8	ITGB4	ITK	ITPA	ITPR1
IVD	JAGN1	JAK3	JAM2	JAM3
JUP	KARS	KATNB1	KCNE1	KCNJ1
KCNJ10	KCNJ11	KCNMA1	KCNQ1	KCTD7
KDEL2	KDM5B	KDM5C	KDM6A	KIAA0556
KIAA0586	KIAA0753	KIAA1109	KIDINS220	KIF14
KIF1A	KIF1BP	KIF1C	KIF7	KISS1R
KLHL15	KLHL40	KLHL41	KLHL7	KNL1
KPTN	KRT10	KRT14	KRT18	KRT5
KRT8	KY	L1CAM	L2HGDH	LAGE3
LAMA1	LAMA2	LAMA3	LAMB1	LAMB2
LAMB3	LAMC2	LAMC3	LAMP2	LARGE1
LARP7	LARS2	LAS1L	LAT	LBR
LDHA	LDLR	LFNG	LGI4	LHB
LHFPL5	LHX3	LIAS	LIFR	LIG4
LIMS2	LINS1	LIPA	LIPT1	LMBR1
LMBRD1	LMNA	LMOD3	LNPK	LONP1
LOXHD1	LPIN1	LPIN2	LPL	LRBA

**Panel prekonceptyjny – lista genów**

LRP2	LRP4	LRP5	LRPPRC	LRRC56
LRTOMT	LTBP2	LTBP3	LTBP4	LYRM4
LYRM7	LYST	LZTFL1	LZTR1	MAB21L2
MAG	MAGI2	MAGT1	MALT1	MAMLD1
MAN1B1	MAN2B1	MANBA	MAOA	MAP3K20
MAPKBP1	MARS	MARVELD2	MASP1	MAT1A
MATN3	MBOAT7	MBTPS2	MC2R	MCCC1
MCCC2	MCEE	MCM4	MCOLN1	MCPH1
MDH2	MECP2	MECR	MED12	MED17
MED23	MED25	MEGF10	MEGF8	MEOX1
MESD	MESP2	MET	METTL23	METTL5
MFN2	MFRP	MFSD2A	MFSD8	MGAT2
MGME1	MGP	MICOS13	MICU1	MID1
MIPEP	MITF	MKKS	MKS1	MLC1
MLPH	MLYCD	MMAA	MMAB	MMACHC
MMADHC	MMP13	MMP2	MMP21	MMUT
MOCS1	MOCS2	MOGS	MPDU1	MPDZ
MPI	MPL	MPLKIP	MPV17	MPZ
MPZL2	MRE11	MRPL3	MRPL44	MRPS14
MRPS16	MRPS2	MRPS22	MRPS34	MSL3
MSMO1	MSN	MSRB3	MSTO1	MTFMT
MTHFD1	MTHFR	MTM1	MTMR2	MTO1
MTR	MTRFR	MTRR	MTTP	MUSK
MUTYH	MVK	MYBPC1	MYBPC3	MYD88
MYH11	MYH3	MYH7	MYL3	MYMK
MYO15A	MYO18B	MYO3A	MYO5A	MYO5B
MYO6	MYO7A	MYO9A	MYOD1	MYPN
MYSM1	NAA10	NADSYN1	NAGA	NAGLU
NAGS	NALCN	NANS	NARS	NARS2
NAXD	NAXE	NBAS	NBN	NCAPD3
NCF1	NCF2	NCF4	NCKAP1L	NDE1
NDP	NDRG1	NDST1	NDUFA1	NDUFA10
NDUFA11	NDUFA12	NDUFA13	NDUFA2	NDUFA6

**Panel prekonceptyjny – lista genów**

NDUFA9	NDUFAF1	NDUFAF2	NDUFAF3	NDUFAF4
NDUFAF5	NDUFAF6	NDUFAF8	NDUFB3	NDUFB8
NDUFS1	NDUFS2	NDUFS3	NDUFS4	NDUFS6
NDUFS7	NDUFS8	NDUFV1	NDUFV2	NEB
NECAP1	NECTIN1	NECTIN4	NEK1	NEK8
NEK9	NEMF	NEU1	NEUROG3	NEXMIF
NFASC	NFU1	NGF	NGLY1	NHEJ1
NHLRC1	NHP2	NHS	NIPAL4	NKAP
NKX3-2	NKX6-2	NMNAT1	NNT	NODAL
NONO	NOP10	NPC1	NPC2	NPHP1
NPHP3	NPHP4	NPHS1	NPHS2	NPR2
NR0B1	NR1H4	NRROS	NRXN1	NSDHL
NSMCE2	NSMCE3	NSUN2	NT5C2	NT5C3A
NTNG2	NTRK1	NUBPL	NUDT2	NUP107
NUP133	NUP188	NUP62	NUP88	NUP93
NYX	OBSL1	OCLN	OCRL	ODAD1
ODAD2	OFD1	OGDH	OPA1	OPA3
OPHN1	ORAI1	ORC1	ORC4	ORC6
OSGEP	OSTM1	OTC	OTOA	OTOF
OTOG	OTOGL	OTUD5	OTUD6B	OTULIN
OXCT1	OXR1	P3H1	PAH	PAK3
PAM16	PANK2	PAPSS2	PARN	PARS2
PAX3	PC	PCBD1	PCCA	PCCB
PCDH12	PCDH15	PCDH19	PCK1	PCNT
PCSK1	PCYT1A	PCYT2	PDE10A	PDE6D
PDE6G	PDHA1	PDHB	PDHX	PDP1
PDSS1	PDSS2	PDZD7	PEPD	PERCC1
PET100	PEX1	PEX10	PEX11B	PEX12
PEX13	PEX14	PEX16	PEX19	PEX2
PEX26	PEX3	PEX5	PEX6	PEX7
PFKM	PGAP1	PGAP2	PGAP3	PGK1
PGM1	PGM3	PHEX	PHF6	PHF8
PHGDH	PHKG2	PHYH	PI4KA	PIBF1

**Panel prekonceptyjny – lista genów**

PIEZO1	PIEZO2	PIGA	PIGB	PIGG
PIGK	PIGL	PIGN	PIGO	PIGP
PIGQ	PIGS	PIGT	PIGV	PIGY
PIH1D3	PIK3CD	PIK3R1	PIP5K1C	PISD
PITX3	PJVK	PKD1L1	PKHD1	PKLR
PLA2G6	PLAA	PLCB1	PLCB4	PLCE1
PLEC	PLEKHG2	PLEKHG5	PLG	PLK4
PLOD1	PLOD2	PLOD3	PLP1	PLPBP
PLS3	PLVAP	PMM2	PMP22	PMPCA
PMPCB	PNKP	PNP	PNPLA1	PNPLA6
PNPLA8	PNPO	PNPT1	POC1A	POC1B
POLA1	POLE	POLG	POLG2	POLR1C
POLR1D	POLR3A	POLR3B	POMC	POMGNT1
POMGNT2	POMK	POMP	POMT1	POMT2
POP1	POR	PORCN	POU1F1	POU3F4
PPA2	PIIB	PPIP5K2	PPP1R15B	PPP1R21
PPT1	PQBP1	PRDM12	PRDM5	PRDX1
PREPL	PRF1	PRG4	PRICKLE1	PRKCD
PRKDC	PRKRA	PRMT7	PROC	PRODH
PROP1	PROS1	PRPS1	PRRX1	PRSS12
PRSS56	PRUNE1	PRX	PSAP	PSAT1
PSMB8	PSPH	PTCHD1	PTF1A	PTH1R
PTPN14	PTPN23	PTPRC	PTPRQ	PTRH2
PTS	PUS1	PUS7	PXDN	PYCR1
PYCR2	PYGL	PYGM	PYROXD1	QARS
QDPR	RAB18	RAB23	RAB27A	RAB33B
RAB39B	RAB3GAP1	RAB3GAP2	RAC2	RAD21
RAD50	RAD51C	RAG1	RAG2	RALGAPA1
RAPSN	RARB	RARS	RARS2	RAX
RBBP8	RBCK1	RBM10	RBM8A	RDH11
RDX	RECQL4	RELN	REN	RETREG1
RFT1	RFX5	RFX6	RFXANK	RFXAP
RIC1	RIMS2	RIN2	RINT1	RIPK1

RIPK4	RIPOR2	RLIM	RMND1	RMRP
RNASEH2A	RNASEH2B	RNASEH2C	RNASET2	RNF113A
RNF13	RNF168	RNU4ATAC	ROBO3	ROGDI
ROR1	ROR2	RPE65	RPGRIP1	RPGRIP1L
RPIA	RPL10	RPS6KA3	RRM2B	RSPH1
RSPH3	RSPO2	RSPO4	RSPRY1	RTEL1
RTN4IP1	RTTN	RUSC2	RXYLT1	RYR1
S1PR2	SACS	SAMD9	SAMHD1	SAR1B
SARS2	SASS6	SBDS	SBF1	SBF2
SC5D	SCAPER	SCARB2	SCARF2	SCN1B
SCN4A	SCN9A	SCNN1A	SCNN1B	SCNN1G
SCO1	SCO2	SCYL1	SCYL2	SDCCAG8
SDHA	SDHAF1	SDHD	SEC23A	SEC23B
SEC24D	SELENOI	SELENON	SEPSECS	SERAC1
SERPINB6	SERPINF1	SERPINH1	SETX	SFTPB
SFXN4	SGCA	SGCB	SGCD	SGCG
SGO1	SGPL1	SGSH	SH2D1A	SH3PXD2B
SH3TC2	SHOX	SIL1	SKIV2L	SLC10A7
SLC12A1	SLC12A3	SLC12A5	SLC12A6	SLC13A5
SLC16A1	SLC16A2	SLC17A5	SLC18A3	SLC19A2
SLC19A3	SLC1A4	SLC22A5	SLC25A1	SLC25A12
SLC25A13	SLC25A15	SLC25A19	SLC25A20	SLC25A22
SLC25A26	SLC25A3	SLC25A38	SLC25A4	SLC25A42
SLC25A46	SLC26A2	SLC26A3	SLC26A4	SLC26A5
SLC27A4	SLC29A3	SLC2A1	SLC2A10	SLC2A2
SLC30A10	SLC33A1	SLC34A1	SLC34A3	SLC35A1
SLC35A2	SLC35A3	SLC35C1	SLC35D1	SLC37A4
SLC39A13	SLC39A14	SLC39A4	SLC39A8	SLC3A1
SLC46A1	SLC4A1	SLC4A4	SLC52A2	SLC52A3
SLC5A1	SLC5A5	SLC5A6	SLC5A7	SLC6A3
SLC6A5	SLC6A8	SLC6A9	SLC7A7	SLC9A1
SLC9A3	SLC9A6	SLX4	SMAD4	SMARCAL1
SMC1A	SMOC1	SMPD1	SMPD4	SMS

SNAP29	SNORD118	SNX10	SNX14	SOD1
SOST	SOX3	SP110	SP7	SPAG1
SPARC	SPART	SPATA5	SPEG	SPG11
SPINK5	SPINT2	SPR	SPTBN2	SPTBN4
SQSTM1	SRD5A2	SRD5A3	SSR4	ST14
ST3GAL3	ST3GAL5	STAC3	STAG2	STAMPB
STAR	STAT1	STAT2	STAT5B	STIL
STIM1	STN1	STRA6	STRADA	STS
STT3A	STUB1	STX11	STXBP2	SUCLA2
SUCLG1	SUFU	SUMF1	SUOX	SURF1
SVBP	SYN1	SYNE1	SYNE4	SYNJ1
SYP	SZT2	TAC3	TACO1	TACR3
TAF1	TAF13	TAF2	TAF6	TAFAZZIN
TALDO1	TANGO2	TAP1	TAPT1	TARS2
TASP1	TAT	TBC1D20	TBC1D23	TBC1D24
TBC1D8B	TBCD	TBCE	TBCK	TBX15
TBX19	TBX22	TBX4	TBXAS1	TCAP
TCF12	TCIRG1	TCN2	TCTN2	TCTN3
TDP2	TECPR2	TECTA	TELO2	TENM3
TENT5A	TERT	TF	TFR2	TGDS
TGFB1	TGM1	TH	THOC2	THOC6
TIMM50	TIMM8A	TIMMDC1	TJP2	TK2
TMC1	TMCO1	TMEM107	TMEM126A	TMEM126B
TMEM132E	TMEM138	TMEM165	TMEM199	TMEM216
TMEM231	TMEM237	TMEM260	TMEM38B	TMEM67
TMEM70	TMEM94	TMIE	TMPRSS3	TMPRSS6
TMTC3	TMX2	TNFRSF11A	TNFRSF11B	TNFRSF13B
TNFSF11	TNNT1	TOE1	TOP3A	TP53RK
TPI1	TPK1	TPM3	TPP1	TPRKB
TPRN	TRAF3IP1	TRAIP	TRAK1	TRAPPC11
TRAPPC12	TRAPPC2	TRAPPC4	TRAPPC9	TRDN
TREX1	TRIM2	TRIM32	TRIM37	TRIOBP
TRIP11	TRIP13	TRIP4	TRIT1	TRMT1

**Panel prekonceptyjny – lista genów**

TRMT10A	TRMT10C	TRMT5	TRMU	TRNT1
TRPM6	TRPV6	TSEN15	TSEN2	TSEN54
TSFM	TSHB	TSHR	TSPAN7	TSPEAR
TSPYL1	TTC19	TTC21B	TTC26	TTC37
TTC7A	TTC8	TTI2	TTN	TTPA
TUBGCP2	TUBGCP4	TUBGCP6	TUFM	TUSC3
TWIST2	TWNK	TXN2	TXNDC15	TXNL4A
TYK2	TYMP	TYR	TYRP1	UBA1
UBA5	UBE2A	UBE2T	UBE3B	UBR1
UCHL1	UFC1	UFM1	UGDH	UGP2
UGT1A1	UMPS	UNC13D	UNC80	UPF3B
UQCC2	UQCRB	UQCRC2	UQCRFS1	UQCRQ
UROC1	UROS	USB1	USH1C	USH1G
USH2A	USP18	USP53	USP9X	UVSSA
VAC14	VAMP1	VAR51	VAR52	VDR
VIPAS39	VLDLR	VMA21	VPS11	VPS13B
VPS13D	VPS33A	VPS33B	VPS37A	VPS41
VPS45	VPS51	VPS53	VRK1	VSX2
WARS2	WAS	WASHC5	WBP2	WDPCP
WDR19	WDR34	WDR35	WDR4	WDR45
WDR45B	WDR60	WDR62	WDR73	WDR81
WFS1	WHRN	WNK1	WNT1	WNT10A
WNT10B	WNT2B	WNT3	WNT4	WNT7A
WRAP53	WRN	WWOX	XIAP	XPA
XPC	XRCC2	XRCC4	XYLT1	XYLT2
YARS2	YIF1B	ZAP70	ZBTB24	ZC3H14
ZC4H2	ZDHH9	ZFYVE26	ZIC3	ZMPSTE24
ZNF335	ZNF711	ZNHIT3		