

ABCA4	C8orf37	COL9A3	GPR179	LRP5
ABCC6	CABP4	COQ2	GRK1	LRRC32
ABCD1	CACNA1F	COQ5	GRM6	LZTFL1
ABHD12	CACNA2D4	COQ8B	GRN	MAK
ACBD5	CAPN5	CPE	GUCA1A	MAN2B1
ACO2	CC2D2A	CPLANE1	GUCA1B	MAPKAPK3
ADAM9	CCDC51	CRB1	GUCY2D	MCOLN1
ADAMTS18	CCT2	CRX	HADHA	MED12
ADGRV1	CDH23	CSPP1	HCCS	MERTK
ADIPOR1	CDH3	CTC1	HGSNAT	MFRP
AFG3L2	CDHR1	CTNNA1	HK1	MFSD8
AGBL5	CEP104	CTNNB1	HMX1	MKKS
AHI1	CEP120	CTNND1	IDH3A	MKS1
AHR	CEP164	CTSD	IDH3B	MMACHC
AIPL1	CEP19	CWC27	IFT140	MPDZ
AIRE	CEP250	CYP2R1	IFT172	MSTO1
ALDH3A2	CEP290	CYP4V2	IFT27	MT-ATP6
ALMS1	CEP41	DCT	IFT74	MT-ATP8
ALPK1	CEP78	DHDDS	IFT81	MT-CO1
AMACR	CEP83	DHX38	IKBK	MT-CO2
ARHGEF18	CERKL	DMD	IMPDH1	MT-CO3
ARL13B	CFAP20	DNAJC5	IMPG1	MT-CYB
ARL2BP	CFAP410	DRAM2	IMPG2	MT-ND1
ARL3	CFH	DYNC2H1	INPP5E	MT-ND2
ARL6	CHM	EDNRB	INVS	MT-ND3
ARMC9	CISD2	EFEMP1	IQCB1	MT-ND4
ARR3	CLCC1	ELOVL1	ISPD	MT-ND4L
ARSG	CLEC3B	ELOVL4	JAG1	MT-ND5
ASRGL1	CLN3	EMC1	KCNJ13	MT-ND6
ATF6	CLN5	ERCC6	KCNV2	MT-RNR1
ATF7	CLN6	ERCC8	KIAA0556	MT-RNR2
ATOH7	CLN8	ESPN	KIAA0586	MT-TA
ATXN7	CLRN1	EXOSC2	KIAA0753	MT-TC
B9D1	CLUAP1	EYS	KIAA1549	MT-TD
B9D2	CNGA1	FAM161A	KIF11	MT-TE
BBS1	CNGA3	FAM57B	KIF3B	MT-TF
BBS10	CNGB1	FDXR	KIF7	MT-TG
BBS12	CNGB3	FLVCR1	KIZ	MT-TH
BBS2	CNNM4	FRMD7	KLHL7	MT-TI
BBS4	COL11A1	FZD4	LAMA1	MT-TK
BBS5	COL11A2	GDF6	LAMP2	MT-TL1
BBS7	COL18A1	GNAT1	LCA5	MT-TL2
BBS9	COL2A1	GNAT2	LIG3	MT-TM
BEST1	COL4A1	GNB3	LRAT	MT-TN
C12orf65	COL9A1	GNPTG	LRIT3	MTTP
C1QTNF5	COL9A2	GPR143	LRP2	MT-TP

MT-TQ	PDZD7	RDH5	TIMP3
MT-TR	PEX1	REEP6	TINF2
MT-TS1	PEX10	RGR	TMEM107
MT-TS2	PEX11B	RGS9	TMEM126A
MT-TT	PEX12	RGS9BP	TMEM138
MT-TV	PEX13	RHO	TMEM216
MT-TW	PEX14	RIMS2	TMEM218
MT-TY	PEX16	RLBP1	TMEM231
MVK	PEX19	ROM1	TMEM237
MYO7A	PEX2	RP1	TMEM67
NAGLU	PEX26	RP1L1	TOPORS
NBAS	PEX3	RP2	TPP1
NDP	PEX5	RP9	TRAF3IP1
NEK2	PEX6	RPE65	TREX1
NEUROD1	PEX7	RPGR	TRNT1
NMNAT1	PGK1	RPGRIP1	TRPM1
NPHP1	PHYH	RPGRIP1L	TSPAN12
NPHP3	PISD	RS1	TTC21B
NPHP4	PLA2G5	RTN4IP1	TTC8
NR2E3	PLK4	SAG	TTLL5
NR2F1	PNPLA6	SAMD11	TPPA
NRL	POC1B	SAMD7	TUB
NYX	POC5	SCAPER	TUBB4B
OAT	POMGNT1	SCLT1	TUBGCP4
OCA2	POMGNT2	SDCCAG8	TUBGCP6
OFD1	POMT1	SEMA4A	TULP1
OPA1	PPT1	SGSH	TYR
OPA3	PQLC2	SLC24A1	TYRP1
OPN1LW	PRCD	SLC25A46	UBAP1L
OPN1MW	PRDM13	SLC37A3	UNC119
OPN1SW	PROM1	SLC38A8	USH1C
OTX2	PRPF3	SLC45A2	USH1G
P3H2	PRPF31	SLC4A7	USH2A
PANK2	PRPF4	SLC6A6	USP45
PAX2	PRPF6	SNRNP200	VCAN
PAX6	PRPF8	SPATA7	VPS13B
PCARE	PRPH2	SPG7	VWA8
PCDH15	PRPS1	SPP2	WDPCP
PCYT1A	PYGM	SPTLC1	WDR19
PDE6A	RAB28	SRD5A3	WDR34
PDE6B	RAX2	SSBP1	WFS1
PDE6C	RBP3	STN1	WHRN
PDE6D	RBP4	STX3	YME1L1
PDE6G	RCBTB1	SUMF1	ZFYVE26
PDE6H	RD3	TEAD1	ZNF408
PDSS1	RDH11	THRB	ZNF423
PDSS2	RDH12	TIMM8A	ZNF513

Retinan sairaudet	Geenejä 428 kpl		Versio 3	21.5.2024
ABCA4	C12orf65	COL9A1	GPR179	LRIT3
ABCC6	C1QTNF5	COL9A2	GRK1	LRP2
ABCD1	C8orf37	COL9A3	GRM6	LRP5
ABHD12	CA4	COQ2	GRN	LRRC32
ACBD5	CABP4	COQ5	GUCA1A	LZTFL1
ACO2	CACNA1F	CPE	GUCA1B	MAK
ADAM9	CACNA2D4	CPLANE1	GUCY2D	MAPKAPK3
ADAMTS18	CAPN5	CRB1	HADHA	MCOLN1
ADGRA3	CC2D2A	CRX	HARS	MED12
ADGRV1	CCDC51	CSPP1	HCCS	MERTK
ADIPOR1	CCT2	CTC1	HGSNAT	MFN2
AFG3L2	CDH23	CTNNA1	HK1	MFRP
AGBL5	CDH3	CTNNB1	HMCN1	MFSD8
AHI1	CDHR1	CTNND1	HMX1	MKKS
AHR	CEP104	CTSD	IDH3A	MKS1
AIPL1	CEP120	CWC27	IDH3B	MMACHC
AIRE	CEP164	CYP2R1	IFT140	MPDZ
ALDH3A2	CEP19	CYP4V2	IFT172	MSTO1
ALMS1	CEP250	DHDDS	IFT27	MT-ATP6
ALPK1	CEP290	DHX38	IFT74	MT-ATP8
AMACR	CEP41	DMD	IFT81	MT-CO1
ARHGEF18	CEP78	DNAJC5	IKBK	MT-CO2
ARL13B	CEP83	DRAM2	IMPDH1	MT-CO3
ARL2BP	CERKL	DTHD1	IMPG1	MT-CYB
ARL3	CFAP20	DYNC2H1	IMPG2	MT-ND1
ARL6	CFAP410	EDNRB	INPP5E	MT-ND2
ARMC9	CFH	EFEMP1	INVS	MT-ND3
ARR3	CHM	ELOVL1	IQCB1	MT-ND4
ARSG	CIB2	ELOVL4	ISPD	MT-ND4L
ASRGL1	CISD2	EMC1	ITM2B	MT-ND5
ATF6	CLCC1	ERCC6	JAG1	MT-ND6
ATF7	CLN3	ERCC8	KCNJ13	MT-RNR1
ATOH7	CLN5	ESPN	KCNV2	MT-RNR2
ATXN7	CLN6	EXOSC2	KIAA0556	MT-TA
B9D1	CLN8	EYS	KIAA0586	MT-TC
B9D2	CLRN1	FAM161A	KIAA0753	MT-TD
BBIP1	CLUAP1	FAM57B	KIAA1549	MT-TE
BBS1	CNGA1	FDXR	KIF11	MT-TF
BBS10	CNGA3	FLVCR1	KIF3B	MT-TG
BBS12	CNGB1	FRMD7	KIF7	MT-TH
BBS2	CNGB3	FZD4	KIZ	MT-TI
BBS4	CNNM4	GDF6	KLHL7	MT-TK
BBS5	COL11A1	GNAT1	LAMA1	MT-TL1
BBS7	COL11A2	GNAT2	LAMP2	MT-TL2
BBS9	COL18A1	GNB3	LCA5	MT-TM
BCOR	COL2A1	GNPTG	LIG3	MT-TN
BEST1	COL4A1	GPR143	LRAT	MTTP

MT-TP	PDZD7	REEP6	TIMP3	ZNF513
MT-TQ	PEX1	RGR	TINF2	
MT-TR	PEX10	RGS9	TMEM107	
MT-TS1	PEX11B	RGS9BP	TMEM126A	
MT-TS2	PEX12	RHO	TMEM138	
MT-TT	PEX13	RIMS1	TMEM216	
MT-TV	PEX14	RIMS2	TMEM218	
MT-TW	PEX16	RLBP1	TMEM231	
MT-TY	PEX19	ROM1	TMEM237	
MVK	PEX2	RP1	TMEM67	
MYO7A	PEX26	RP1L1	TOPORS	
NAGLU	PEX3	RP2	TPP1	
NBAS	PEX5	RP9	TRAF3IP1	
NDP	PEX6	RPE65	TREX1	
NEK2	PEX7	RPGR	TRIM32	
NEUROD1	PGK1	RPGRIP1	TRNT1	
NMNAT1	PHYH	RPGRIP1L	TRPM1	
NPHP1	PISD	RS1	TSPAN12	
NPHP3	PITPNM3	RTN4IP1	TTC21B	
NPHP4	PLA2G5	SAG	TTC8	
NR2E3	PLK4	SAMD11	TTLL5	
NR2F1	PNPLA6	SAMD7	TTPA	
NRL	POC1B	SCAPER	TUB	
NYX	POC5	SCLT1	TUBB4B	
OAT	POMGNT1	SDCCAG8	TUBGCP4	
OCA2	POMGNT2	SEMA4A	TUBGCP6	
OFD1	POMT1	SGSH	TULP1	
OPA1	PPT1	SLC24A1	TYR	
OPA3	PRCD	SLC25A46	TYRP1	
OPN1LW	PRDM13	SLC37A3	UBAP1L	
OPN1MW	PROM1	SLC38A8	UNC119	
OPN1SW	PRPF3	SLC45A2	USH1C	
OTX2	PRPF31	SLC4A7	USH1G	
P3H2	PRPF4	SLC6A6	USH2A	
PANK2	PRPF6	SLC7A14	USP45	
PAX2	PRPF8	SNRNP200	VCAN	
PAX6	PRPH2	SPATA7	VPS13B	
PCARE	PRPS1	SPG7	VSX2	
PCDH15	PYGM	SPP2	VWA8	
PCYT1A	RAB28	SPTLC1	WDPCP	
PDE6A	RAX2	SRD5A3	WDR19	
PDE6B	RBP3	SSBP1	WDR34	
PDE6C	RBP4	STN1	WFS1	
PDE6D	RCBTB1	TCTN1	WHRN	
PDE6G	RD3	TCTN2	YME1L1	
PDE6H	RDH11	TCTN3	ZFYVE26	
PDSS1	RDH12	TEAD1	ZNF408	
PDSS2	RDH5	TIMM8A	ZNF423	

ABCA4	BEST1	COL4A1	GPR179	LRIT3
ABCC6	C12orf65	COL9A1	GRK1	LRP2
ABCD1	C1QTNF5	COL9A2	GRM6	LRP5
ABHD12	C8orf37	COL9A3	GRN	LZTFL1
ACBD5	CA4	COQ2	GUCA1A	MAK
ACO2	CABP4	CPE	GUCA1B	MAPKAPK3
ADAM9	CACNA1F	CPLANE1	GUCY2D	MED12
ADAMTS18	CACNA2D4	CRB1	HADHA	MERTK
ADGRA3	CAPN5	CRX	HARS	MFN2
ADGRV1	CC2D2A	CSPP1	HCCS	MFRP
ADIPOR1	CCDC51	CTC1	HGSNAT	MFSD8
AFG3L2	CCT2	CTNNA1	HK1	MKKS
AGBL5	CDH23	CTNNB1	HMCN1	MKS1
AHI1	CDH3	CTSD	HMX1	MMACHC
AHR	CDHR1	CWC27	IDH3A	MSTO1
AIPL1	CEP104	CYP2R1	IDH3B	MTTP
AIRE	CEP120	CYP4V2	IFT140	MVK
ALDH3A2	CEP164	DHDDS	IFT172	MYO7A
ALMS1	CEP19	DHX38	IFT27	NAGLU
ALPK1	CEP250	DMD	IFT74	NBAS
AMACR	CEP290	DNAJC5	IFT81	NDP
ARHGEF18	CEP41	DRAM2	IKBK	NEK2
ARL13B	CEP78	DTHD1	IMPDH1	NEUROD1
ARL2BP	CEP83	DYNC2H1	IMPG1	NMNAT1
ARL3	CERKL	EDNRB	IMPG2	NPHP1
ARL6	CFAP410	EFEMP1	INPP5E	NPHP3
ARMC9	CFH	ELOVL1	INVS	NPHP4
ARR3	CHM	ELOVL4	IQCB1	NR2E3
ARSG	CIB2	EMC1	ISPD	NR2F1
ASRGL1	CISD2	ERCC6	ITM2B	NRL
ATF6	CLCC1	ERCC8	JAG1	NYX
ATF7	CLN3	ESPN	KCNJ13	OAT
ATOX1	CLN5	EXOSC2	KCNV2	OCA2
ATXN7	CLN6	EYS	KIAA0556	OFD1
B9D1	CLN8	FAM161A	KIAA0586	OPA1
B9D2	CLRN1	FAM57B	KIAA0753	OPA3
BBIP1	CLUAP1	FDXR	KIAA1549	OPN1LW
BBS1	CNGA1	FLVCR1	KIF11	OPN1MW
BBS10	CNGA3	FRMD7	KIF3B	OPN1SW
BBS12	CNGB1	FZD4	KIF7	OTX2
BBS2	CNGB3	GDF6	KIZ	P3H2
BBS4	CNNM4	GNAT1	KLHL7	PANK2
BBS5	COL11A1	GNAT2	LAMA1	PAX2
BBS7	COL11A2	GNB3	LCA5	PAX6
BBS9	COL18A1	GNPTG	LIG3	PCARE
BCOR	COL2A1	GPR143	LRAT	PCDH15

PCYT1A	RBP3	TCTN1	YME1L1
PDE6A	RBP4	TCTN2	ZFYVE26
PDE6B	RCBTB1	TCTN3	ZNF408
PDE6C	RD3	TEAD1	ZNF423
PDE6D	RDH11	TIMM8A	ZNF513
PDE6G	RDH12	TIMP3	
PDE6H	RDH5	TINF2	
PDSS1	REEP6	TMEM107	
PDSS2	RGR	TMEM126A	
PDZD7	RGS9	TMEM138	
PEX1	RGS9BP	TMEM216	
PEX10	RHO	TMEM218	
PEX11B	RIMS1	TMEM231	
PEX12	RIMS2	TMEM237	
PEX13	RLBP1	TMEM67	
PEX14	ROM1	TOPORS	
PEX16	RP1	TPP1	
PEX19	RP1L1	TRAF3IP1	
PEX2	RP2	TREX1	
PEX26	RP9	TRIM32	
PEX3	RPE65	TRNT1	
PEX5	RPGR	TRPM1	
PEX6	RPGRIP1	TSPAN12	
PEX7	RPGRIP1L	TTC21B	
PGK1	RS1	TTC8	
PHYH	RTN4IP1	TTLL5	
PISD	SAG	TTPA	
PITPNM3	SAMD11	TUB	
PLA2G5	SCAPER	TUBB4B	
PLK4	SCLT1	TUBGCP4	
PNPLA6	SDCCAG8	TUBGCP6	
POC1B	SEMA4A	TULP1	
POC5	SGSH	TYR	
POMGNT1	SLC24A1	TYRP1	
PPT1	SLC25A46	UNC119	
PRCD	SLC37A3	USH1C	
PRDM13	SLC38A8	USH1G	
PROM1	SLC45A2	USH2A	
PRPF3	SLC4A7	USP45	
PRPF31	SLC6A6	VCAN	
PRPF4	SLC7A14	VPS13B	
PRPF6	SNRNP200	VSX2	
PRPF8	SPATA7	WDPCP	
PRPH2	SPP2	WDR19	
PRPS1	SPTLC1	WDR34	
RAB28	SRD5A3	WFS1	
RAX2	SSBP1	WHRN	