

ABCC1	CLPP	FDXR	LARS2	MT-TA
ABHD12	CLRN1	FGF3	LETM1	MT-TC
ACOX1	CLRN2	FGFR3	LHFPL5	MT-TD
ACTB	COCH	FITM2	LHX3	MT-TE
ACTG1	COG4	FMN1	LMNA	MT-TF
ADGRV1	COL11A1	FOXF2	LMX1A	MT-TG
AIFM1	COL11A2	FOXI1	LMX1B	MT-TH
AK2	COL2A1	FXN	LOXHD1	MT-TI
ALMS1	COL4A3	GAS2	LOXL3	MT-TK
AMMECR1	COL4A4	GATA2	LRP2	MT-TL1
ANKH	COL4A5	GATA3	LRTOMT	MT-TL2
AP1B1	COL4A6	GGPS1	MAN2B1	MT-TM
AP1S1	COL9A1	GIPC3	MANBA	MT-TN
ARSG	COL9A2	GJB1	MANF	MT-TP
ATF6	COL9A3	GJB2	MAP1B	MT-TQ
ATOH1	CPD	GJB3	MAP2K1	MT-TR
ATP11A	CRLS1	GJB6	MAP3K20	MT-TS1
ATP2B2	CRYM	GPR156	MARVELD2	MT-TS2
ATP6V0A4	DAP3	GPSM2	MASP1	MT-TT
ATP6V1B1	DCAF17	GREB1L	MEPE	MT-TV
ATP6V1B2	DDX11	GRHL2	MET	MT-TW
BCAP31	DHRX	GRXCR1	MGP	MT-TY
BCS1L	DIABLO	GRXCR2	MIA3	MYH1
BDP1	DIAPH1	GSDME	MIR96	MYH14
BRAF	DIAPH3	HAAO	MITF	MYH9
BSND	DLX5	HARS1	MN1	MYO15A
BTD	DMXL2	HARS2	MORC2	MYO1A
CABP2	DNAJC3	HGF	MPZL2	MYO3A
CACNA1D	DNMT1	HOMER2	MRPL49	MYO6
CCDC50	DSPP	HOXA1	MSRB3	MYO7A
CD151	EDN3	HOXA2	MT-ATP6	NARS2
CD164	EDNRB	HOXB1	MT-ATP8	NDP
CDC14A	EHD1	HSD17B4	MT-CO1	NDRG1
CDH23	ELMOD3	IARS2	MT-CO2	NEFL
CDK5RAP2	EPS8	IKZF2	MT-CO3	NF2
CDKN1C	EPS8L2	ILDR1	MT-CYB	NLRP12
CEACAM16	ERAL1	KARS	MT-ND1	NLRP3
CEP250	ERCC2	KCNE1	MT-ND2	NMNAT1
CEP78	ERCC3	KCNJ10	MT-ND3	NTN1
CHD7	ERCC4	KCNJ16	MT-ND4	OGDHL
CHSY1	ESPN	KCNQ1	MT-ND4L	OPA1
CIB2	ESRP1	KCNQ4	MT-ND5	OSBPL2
CISD2	ESRRB	KDM3B	MT-ND6	OTOA
CLDN14	EYA1	KIT	MT-RNR1	OTOF
CLDN9	EYA4	KITLG	MT-RNR2	OTOG
CLIC5	FBRSL1	KMT2D	MTSS1L	OTOGL

OXR1	RAF1	SUCLA2
P2RX2	RDX	SUCLG1
PAX1	REST	SYNE4
PAX2	RFC4	TBC1D24
PAX3	RFT1	TBX2
PBX1	RIPOR2	TCOF1
PCDH15	RMND1	TECTA
PDSS1	RNF220	TFAP2A
PDZD7	ROR1	THOC1
PEX1	RPS6KA3	THUMPD1
PEX10	S1PR2	TIMM8A
PEX11B	SALL1	TJP2
PEX12	SALL4	TMC1
PEX13	SEMA3E	TMEM126A
PEX14	SERAC1	TMEM43
PEX16	SERPINB6	TMIE
PEX19	SGPL1	TMPRSS3
PEX2	SIX1	TMTC2
PEX26	SIX5	TNC
PEX3	SLC12A2	TOP2B
PEX5	SLC17A8	TPRN
PEX6	SLC19A2	TRAF7
PEX7	SLC22A4	TRIM71
PHYH	SLC26A4	TRIOBP
PI4KB	SLC26A5	TRMU
PJVK	SLC29A3	TRPV4
PKHD1L1	SLC33A1	TSPEAR
PLCG1	SLC4A11	TUBB4B
PLOD3	SLC52A2	TWNK
PLS1	SLC52A3	TXNL4A
PLXNB2	SLC9A1	TYR
PMP22	SLITRK6	USH1C
PNPT1	SMAD4	USH1G
POLD1	SMPX	USH2A
POLR1C	SNAI2	USP48
POLR1D	SOX10	USP53
POU3F4	SOX2	VCAN
POU4F3	SPATA5	VPS33B
PPIP5K2	SPATA5L1	WBP2
PRORP	SPATC1L	WFS1
PRPS1	SPEN	WHRN
PSMC3	SPNS2	XPA
PTPN11	SPTBN4	XPOT
PTPRQ	STRC	YARS1
PTRH2	STX4	ZMIZ1
RABGAP1	STXBP3	ZSCAN10

ABCC1	COL4A6	HOMER2	MT-RNR1	PAX3
ABHD12	COL9A1	HOXA2	MT-RNR2	PBX1
ACOX1	COL9A2	HOXB1	MT-TA	PCDH15
ACTG1	COL9A3	HSD17B4	MT-TC	PDSS1
ADGRV1	CRLS1	ILDR1	MT-TD	PDZD7
AIFM1	CRYM	KARS	MT-TE	PEX1
ALMS1	DCAF17	KCNE1	MT-TF	PEX10
ANKH	DIABLO	KCNJ10	MT-TG	PEX11B
AP1S1	DIAPH1	KCNJ16	MT-TH	PEX12
ATP11A	DIAPH3	KCNQ1	MT-TI	PEX13
ATP2B2	DLX5	KCNQ4	MT-TK	PEX14
ATP6V0A4	DMXL2	KDM3B	MT-TL1	PEX16
ATP6V1B1	DNAJC3	KIAA1024L	MT-TL2	PEX19
ATP6V1B2	DNMT1	KIT	MT-TM	PEX2
BCS1L	DSPP	KITLG	MT-TN	PEX26
BDP1	EDN3	LARS2	MT-TP	PEX3
BSND	EDNRB	LETM1	MT-TQ	PEX5
BTD	ELMOD3	LHFPL5	MT-TR	PEX6
CABP2	EPS8	LMX1A	MT-TS1	PEX7
CACNA1D	EPS8L2	LOXHD1	MT-TS2	PHYH
CCDC50	ESPN	LRP2	MT-TT	PJKV
CD151	ESRP1	LRTOMT	MT-TV	PLS1
CDC14A	ESRRB	MAN2B1	MT-TW	PMP22
CDH23	EYA1	MANBA	MT-TY	PNPT1
CDKN1C	EYA4	MARVELD2	MYH14	POLR1C
CEACAM16	FDXR	MASP1	MYH9	POLR1D
CEP250	FGF3	MET	MYO15A	POU3F4
CEP78	FGFR3	MGP	MYO1A	POU4F3
CHD7	FOXF2	MITF	MYO3A	PPIP5K2
CHSY1	FOXI1	MN1	MYO6	PRPS1
CIB2	GATA3	MORC2	MYO7A	PSMC3
CISD2	GGPS1	MPZL2	NARS2	PTPN11
CLDN14	GIPC3	MSRB3	NDP	PTPRQ
CLDN9	GJB2	MT-ATP6	NF2	RDX
CLIC5	GJB3	MT-ATP8	NLRP12	RIPOR2
CLPP	GJB6	MT-CO1	NLRP3	RMND1
CLRN1	GPR156	MT-CO2	OGDHL	RNF220
CLRN2	GPSM2	MT-CO3	OPA1	ROR1
COCH	GREB1L	MT-CYB	OSBPL2	RPS6KA3
COG4	GRHL2	MT-ND1	OTOA	S1PR2
COL11A1	GRXCR1	MT-ND2	OTOF	SALL1
COL11A2	GSDME	MT-ND3	OTOG	SALL4
COL2A1	HAAO	MT-ND4	OTOGL	SEMA3E
COL4A3	HARS	MT-ND4L	OXR1	SERAC1
COL4A4	HARS2	MT-ND5	P2RX2	SERPINB6
COL4A5	HGF	MT-ND6	PAX2	SGPL1

SIX1	TWNK
SIX5	TYR
SLC12A2	USH1C
SLC17A8	USH1G
SLC19A2	USH2A
SLC22A4	USP48
SLC26A4	VCAN
SLC26A5	WBP2
SLC29A3	WFS1
SLC33A1	WHRN
SLC4A11	YARS
SLC52A2	
SLC52A3	
SLITRK6	
SMAD4	
SMPX	
SNAI2	
SOX10	
SOX2	
SPATA5	
SPATA5L1	
SPATC1L	
SPNS2	
SPTBN4	
STRC	
STX4	
STXBP3	
SUCLA2	
SUCLG1	
SYNE4	
TBC1D24	
TCOF1	
TECTA	
TFAP2A	
THOC1	
TIMM8A	
TJP2	
TMC1	
TMIE	
TMPRSS3	
TMTC2	
TNC	
TOP2B	
TPRN	
TRIOBP	
TRMU	
TSPEAR	

Kuulovika/OTOALL	Geenejä 287 kpl		Versio 7	12.6.2024
ABCC1	COL4A6	HOMER2	MT-RNR1	PAX3
ABHD12	COL9A1	HOXA2	MT-RNR2	PBX1
ACOX1	COL9A2	HOXB1	MT-TA	PCDH15
ACTG1	COL9A3	HSD17B4	MT-TC	PDSS1
ADGRV1	CRLS1	ILDR1	MT-TD	PDZD7
AIFM1	CRYM	KARS	MT-TE	PEX1
ALMS1	DCAF17	KCNE1	MT-TF	PEX10
ANKH	DIABLO	KCNJ10	MT-TG	PEX11B
AP1S1	DIAPH1	KCNJ16	MT-TH	PEX12
ATP11A	DIAPH3	KCNQ1	MT-TI	PEX13
ATP2B2	DLX5	KCNQ4	MT-TK	PEX14
ATP6V0A4	DMXL2	KDM3B	MT-TL1	PEX16
ATP6V1B1	DNAJC3	KIAA1024L	MT-TL2	PEX19
ATP6V1B2	DNMT1	KIT	MT-TM	PEX2
BCS1L	DSPP	KITLG	MT-TN	PEX26
BDP1	EDN3	LARS2	MT-TP	PEX3
BSND	EDNRB	LETM1	MT-TQ	PEX5
BTD	ELMOD3	LHFPL5	MT-TR	PEX6
CABP2	EPS8	LMX1A	MT-TS1	PEX7
CACNA1D	EPS8L2	LOXHD1	MT-TS2	PHYH
CCDC50	ESPN	LRP2	MT-TT	PJKK
CD151	ESRP1	LRTOMT	MT-TV	PLS1
CDC14A	ESRRB	MAN2B1	MT-TW	PMP22
CDH23	EYA1	MANBA	MT-TY	PNPT1
CDKN1C	EYA4	MARVELD2	MYH14	POLR1C
CEACAM16	FDXR	MASP1	MYH9	POLR1D
CEP250	FGF3	MET	MYO15A	POU3F4
CEP78	FGFR3	MGP	MYO1A	POU4F3
CHD7	FOXF2	MITF	MYO3A	PPIP5K2
CHSY1	FOXI1	MN1	MYO6	PRPS1
CIB2	GATA3	MORC2	MYO7A	PSMC3
CISD2	GGPS1	MPZL2	NARS2	PTPN11
CLDN14	GIPC3	MSRB3	NDP	PTPRQ
CLDN9	GJB2	MT-ATP6	NF2	RDX
CLIC5	GJB3	MT-ATP8	NLRP12	RIPOR2
CLPP	GJB6	MT-CO1	NLRP3	RMND1
CLRN1	GPR156	MT-CO2	OGDHL	RNF220
CLRN2	GPSM2	MT-CO3	OPA1	ROR1
COCH	GREB1L	MT-CYB	OSBPL2	RPS6KA3
COG4	GRHL2	MT-ND1	OTOA	S1PR2
COL11A1	GRXCR1	MT-ND2	OTOF	SALL1
COL11A2	GSDME	MT-ND3	OTOG	SALL4
COL2A1	HAAO	MT-ND4	OTOGL	SEMA3E
COL4A3	HARS	MT-ND4L	OXR1	SERAC1
COL4A4	HARS2	MT-ND5	P2RX2	SERPINB6
COL4A5	HGF	MT-ND6	PAX2	SGPL1

SIX1	TYR
SIX5	USH1C
SLC12A2	USH1G
SLC17A8	USH2A
SLC19A2	USP48
SLC22A4	VCAN
SLC26A4	WBP2
SLC26A5	WFS1
SLC29A3	WHRN
SLC33A1	YARS
SLC4A11	
SLC52A2	
SLC52A3	
SLITRK6	
SMAD4	
SMPX	
SNAI2	
SOX10	
SOX2	
SPATA5	
SPATA5L1	
SPATC1L	
SPNS2	
SPTBN4	
STRC	
STX4	
STXBP3	
SUCLA2	
SUCLG1	
SYNE4	
TBC1D24	
TCOF1	
TECTA	
TFAP2A	
THOC1	
TIMM8A	
TJP2	
TMC1	
TMIE	
TMPRSS3	
TMTC2	
TNC	
TOP2B	
TPRN	
TRIOBP	
TRMU	
TSPEAR	

OTOALL	Geenejä 222 kpl			Versio 6	7.5.2024
ABCC1	DSPP	MN1	SERAC1	MT-CO2	
ABHD12	EDN3	MSRB3	SERPINB6	MT-CO3	
ACTG1	EDNRB	MYH14	SIX1	MT-CYB	
ADGRV1	ESPN	MYH9	SIX5	MT-ND1	
AIFM1	ESRRB	MYO15A	SLC17A8	MT-ND2	
ALMS1	EYA1	MYO1A	SLC19A2	MT-ND3	
ANKH	EYA4	MYO3A	SLC22A4	MT-ND4	
AP1S1	FGF3	MYO6	SLC26A4	MT-ND4L	
ATP2B2	FGFR3	MYO7A	SLC26A5	MT-ND5	
ATP6V0A4	FOXF2	NARS2	SLC29A3	MT-ND6	
ATP6V1B1	FOXI1	NDP	SLC33A1	MT-RNR1	
BCS1L	GATA3	NF2	SLC4A11	MT-RNR2	
BSND	GIPC3	NLRP3	SLC52A2	MT-TA	
BTD	GJB2	OPA1	SLC52A3	MT-TC	
CABP2	GJB3	OSBPL2	SLITRK6	MT-TD	
CACNA1D	GJB6	OTOA	SMAD4	MT-TE	
CCDC50	GPSM2	OTOF	SMPX	MT-TF	
CD151	GRHL2	OTOG	SNAI2	MT-TG	
CDH23	GRXCR1	OTOGL	SOX10	MT-TH	
CDKN1C	GSDME	P2RX2	SOX2	MT-TI	
CEACAM16	HARS	PAX2	STRC	MT-TK	
CHD7	HARS2	PAX3	SUCLA2	MT-TL1	
CHSY1	HGF	PBX1	SUCLG1	MT-TL2	
CIB2	HOXA2	PCDH15	TBC1D24	MT-TM	
CISD2	HOXB1	PDSS1	TCOF1	MT-TN	
CLDN14	HSD17B4	PDZD7	TECTA	MT-TP	
CLPP	ILDR1	PEX1	TFAP2A	MT-TQ	
CLRN1	KARS	PEX26	TIMM8A	MT-TR	
COCH	KCNE1	PEX6	TJP2	MT-TS1	
COG4	KCNJ10	PEX7	TMC1	MT-TS2	
COL11A1	KCNQ1	PHYH	TMIE	MT-TT	
COL11A2	KCNQ4	PJK	TMPRSS3	MT-TV	
COL2A1	KIT	PMP22	TPRN	MT-TW	
COL4A3	KITLG	PNPT1	TRIOBP	MT-TY	
COL4A4	LARS2	POLR1C	TRMU		
COL4A5	LHFPL5	POLR1D	TSPEAR		
COL4A6	LOXHD1	POU3F4	TYR		
COL9A1	LRP2	POU4F3	USH1C		
COL9A2	LRTOMT	PRPS1	USH1G		
COL9A3	MAN2B1	PTPN11	USH2A		
CRYM	MANBA	PTPRQ	VCAN		
DCAF17	MARVELD2	RDX	WFS1		
DIABLO	MASP1	RMND1	WHRN		
DIAPH1	MET	RPS6KA3	YARS		
DIAPH3	MGP	SALL1	MT-ATP6		
DLX5	MIR96	SALL4	MT-ATP8		
DNMT1	MITF	SEMA3E	MT-CO1		