Nierziekten

Erfelijke nierziekte (incl. niertumoren). NB: MUC1 VNTR Cytosine insertie doorgaans niet aantoonbaar.
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NEF00v23.1

Gennaam	CreV4 (15X)	SSv7 (15X)
C5orf42	100	99
GDNF	100	99.9
LIFR	100	96.3
RICTOR	99.96	98.4
ISL1	100	100
ERCC8	100	100
CEP120	100	100
TXNDC15	100	100
KLHL3	100	100
NR3C1	100	100
SYNPO	100	100
SLC36A2	100	100
SLIT3	100	99.6
FOXI1	100	100
SLC34A1	100	100
FOXC1	98.92	97.9
TFAP2A	100	100
GCM2	100	100
E2F3	99.72	97.7
DCDC2	100	99.8
NEU1	100	100
CFB	100	100
TNXB	94.86	95.8
UQCC2	100	100
DAAM2	100	100
XPO5	100	100
CD2AP	100	100
PKHD1	100	100
ICK	100	100
DST	100	100
TBX18	100	99.9
RRAGD	99.96	98.5
FBXL4	100	100
PDSS2	100	99.7
SEC63	100	100
ENPP1	98.21	92.4
AHI1	100	100
RMND1	100	97.7
FAM20C	99.8	99.4
SKAP2	99.99	98
HOXA10	100	100
HOXA13	90.17	88.8
EVX1	100	99.3
BBS9	100	99.5

Gennaam	CreV4 (15X)	SSv7 (15X)
ANLN	100	99.8
GLI3	100	100
MAGI2	95.59	95.7
CYP3A4	100	100
SLC26A3	100	100
DOCK4	100	99.9
MET	100	100
CEP41	100	100
PODXL	93.3	99.8
NUP205	100	100
ATP6V0A4	100	100
AGK	100	100
NCAPG2	100	99.6
WDR60	100	99.6
DLC1	100	99.9
FGF20	100	99.8
PCM1	100	99.8
FGFR1	100	100
SOX17	100	100
CHD7	100	99.9
CSPP1	100	98.3
EYA1	100	100
CA2	100	100
TMEM67	100	99.6
C8orf37	100	100
GDF6	99.99	100
RRM2B	100	100
CYP11B1	100	100
CYP11B2	100	100
DGAT1	100	93
CBWD1	78.15	87
KANK1	100	100
GLIS3	100	100
FREM1	100	100
BNC2	100	100
IFT74	100	95.7
GALT	100	100
GRHPR	100	100
TRPM6	100	99.4
CDK20	100	100
ROR2	100	100
SPTLC1	100	100
ANKS6	98.1	96.7
SEC61B	99.91	100
INVS	100	100
ALDOB	100	100
IKBKAP	100	100
TRIM32	100	100
GSN	100	99.8
CRB2	99.99	100

Gennaam	CreV4 (15X)	SSv7 (15X)
GAPVD1	99.99	100
LMX1B	99.98	100
COQ4	100	98.9
WDR34	100	99.7
PRDM12	92.47	91.1
TSC1	100	100
ADAMTS13	99.77	97.1
INPP5E	100	100
SLC34A3	99.8	99.1
TUBB4B	99.91	100
GATA3	100	100
ITGA8	100	100
CUBN	100	100
PDSS1	95.93	95.2
RET	100	99.9
TMEM72	100	100
ERCC6	100	100
ZNF365	100	100
NEUROG3	100	100
SGPL1	100	100
PCBD1	100	98
PSAP	97.89	100
FAM149B1	100	100
DLG5	99.97	98.5
PTEN	100	100
ACTA2	100	100
SLC16A12	100	100
CEP55	100	99.9
PLCE1	100	100
TCTN3	100	100
HOGA1	100	100
HPSE2	100	100
PAX2	100	100
FGF8	99.29	96.9
SUFU	100	100
TRIM8	100	100
LYZ	100	100
BBS10	100	100
ARL3	100	91.9
CYP17A1	100	100
CNNM2	100	100
BBIP1	100	100
GFRA1	100	100
HRAS	100	100
CD151	100	100
CDKN1C	86.43	82.6
CYP2R1	100	100
WT1	100	99.9
LRP4	100	100
NUP160	99.98	100

Gennaam	CreV4 (15X)	SSv7 (15X)
FAM111A	100	100
TMEM138	100	100
TMEM216	100	100
GANAB	100	100
SLC22A12	99.99	99.9
PYGM	100	100
BBS1	100	100
LRP5	99.46	97.8
DHCR7	100	100
NADSYN1	100	100
C2CD3	100	100
ALG8	100	96.4
TRPC6	100	96.5
DYNC2H1	99.99	98.1
ALG9	100	99.7
APOA1	100	100
CEP164	100	100
FXYD2	100	100
SLC37A4	100	100
TMEM218	100	100
HYLS1	100	100
KCNJ1	100	100
KCNJ5	100	100
WNK1	100	100
TULP3	100	100
FGF23	100	100
SCNN1A	100	100
GUCY2C	100	99.9
WBP11	100	100
PTPRO	100	99.5
KRAS	100	100
VDR	100	100
KMT2D	100	100
AQP2	100	100
TENC1	100	100
CYP27B1	100	100
AVIL	100	100
SRGAP1	100	100
GRIP1	100	100
NUP107	100	99.9
CEP104	100	100
NPHP4	100	100
RERE	100	99.9
CLCNKA	100	99.8
CLCNKB	100	100
SDHB	100	100
ALPL	100	100
WNT4	98.48	91.3
CCDC28B	100	100
YRDC	97.22	87.3

Gennaam	CreV4 (15X)	SSv7 (15X)
CEP290	100	84.8
POC1B	100	99.1
CEP83	100	89.7
IFT81	100	99.3
TCTN1	99.97	97.3
HNF1A	100	100
KDM2B	100	100
TCTN2	100	100
ZMYM2	100	100
KL	98.42	97.6
ALG5	100	100
FREM2	100	100
ATP7B	100	100
PIBF1	100	98.7
GPC5	99.96	100
CLDN10	100	100
OXGR1	100	100
COL4A1	100	99.6
OSGEP	100	100
RPGRIP1	100	100
SLC7A7	100	100
LRP10	100	100
FAM179B	100	99.8
BMP4	100	100
TMEM260	100	100
APOL1	100	100
ZMPSTE24	100	100
CLDN19	100	100
MMACHC	100	100
PRDX1	100	100
CPT2	100	99.7
BSND	100	100
KANK4	100	100
ALG6	100	98.9
LRIG2	100	100
NRAS	100	100
NGF	100	100
ATP1A1	100	100
NOTCH2	99.95	99.5
RBM8A	100	100
CHD1L	100	100
MUC1	96.17	96.2
LMNA	100	100
KIRREL	99.99	99
KCNJ10	100	100
APOA2	100	100
HSPA6	99.9	99
NOS1AP	100	99.8
PBX1	100	100
ADCY10	100	100

Gennaam	CreV4 (15X)	SSv7 (15X)
SLC19A2	100	100
KIAA0586	95.43	99.8
DACT1	100	99.2
SIX1	100	100
COQ6	100	100
IFT43	100	100
VIPAS39	100	100
SPTLC2	100	100
TTC8	100	96
C14orf142	100	100
DICER1	100	100
AMN	99.99	100
INF2	97.68	96.5
FAN1	100	100
GREM1	100	100
MAPKBP1	100	100
B2M	100	100
GATM	100	100
SLC12A1	100	100
TRPM7	100	98
WDR72	100	100
MYO1E	100	100
BBS4	100	100
STRA6	100	100
CHRNA3	100	97.7
FAH	100	100
NPHS2	100	97.1
WDR73	100	100
CDC73	100	100
CFH	100	98.4
CFHR3	84.63	84.7
CFHR1	81.19	87.4
CFHR2	90.61	90.8
CFHR4	99.75	92.4
CFHR5	100	99.6
KIF14	100	97.7
DDX59	100	100
CACNA1S	100	100
LMOD1	100	100
REN	100	100
DSTYK	100	100
SLC41A1	100	100
CD46	100	100
CENPF	100	100
KCTD3	100	99.7
ADCK3	100	100
NUP133	99.99	99.6
AGT	100	100
EXOC8	100	100
TBCE	100	100

Gennaam	CreV4 (15X)	SSv7 (15X)
MTR	100	100
CHRM3	100	100
FH	100	100
KIF7	99.75	97.3
VPS33B	100	100
CACNA1H	99.81	98.9
IFT140	100	100
TSC2	100	100
PKD1	96.08	96.9
TRAP1	99.98	99.8
GLIS2	99.97	100
ANKS3	100	99.5
ALG1	99.89	99.5
PMM2	100	100
EMP2	100	100
MYH11	100	100
COQ7	100	100
UMOD	100	100
SCNN1G	100	100
SCNN1B	100	100
KIAA0556	100	100
TBX6	100	100
SLC5A2	100	100
ZNF423	100	100
SALL1	100	100
RPGRIP1L	96.44	96.9
BBS2	100	100
NUP93	100	100
SDCCAG8	100	100
SLC12A3	100	99.9
SOX11	100	100
WDR35	100	99
ITSN2	100	97.9
IFT172	100	100
XDH	100	100
HAAO	100	100
DYNC2LI1	100	100
SLC3A1	100	100
SIX2	100	100
EPCAM	100	100
WDPCP	100	98.8
ATP6V1B1	100	100
ALMS1	100	99.9
TPRKB	100	92.7
ACTG2	100	100
FAHD2A	100	100
NPHP1	100	96.6
PAX8	100	100
KYNU	100	100
ZEB2	100	100

Gennaam	CreV4 (15X)	SSv7 (15X)
GALNT3	100	100
TTC21B	100	100
LRP2	100	100
BBS5	100	100
HOXD13	100	99.8
COQ9	100	100
HSD11B2	98.26	88.7
LCAT	100	100
TMEM231	99.99	100
FOXF1	100	100
FOXC2	100	100
CTU2	99.95	96.9
APRT	100	100
CTNS	100	99.1
ANKFY1	99.99	100
KIAA0753	100	100
TMEM107	100	100
MYOCD	100	100
COX10	100	100
FLCN	100	100
B9D1	100	100
NEK8	100	100
LHX1	99.59	99.2
HNF1B	100	100
WNK4	100	100
G6PC	100	100
SLC4A1	100	100
WNT9B	100	96
ITGA3	100	100
DGKE	100	99.2
MTX2	100	100
TMEM237	100	100
BMPR2	100	100
FN1	100	100
SMARCAL1	100	100
BCS1L	100	100
CUL3	100	100
COL4A4	99.46	99.8
COL4A3	100	98.7
ARMC9	100	100
PDE6D	100	100
TRAF3IP1	100	99.9
AGXT	100	100
VHL	100	100
SCN11A	99.86	99.9
SLC6A20	100	100
LZTFL1	100	93.4
PTH1R	100	100
LAMB2	100	100
BAP1	100	100

Gennaam	CreV4 (15X)	SSv7 (15X)
CACNA1D	100	100
ADAMTS9	99.81	99
ROBO2	100	100
ROBO1	100	100
ARL13B	100	100
MKS1	100	100
ACE	100	100
STRADA	100	100
SCN4A	100	100
FAM20A	100	100
KCNJ16	100	100
SLC9A3R1	100	100
NUP85	100	100
ITGB4	100	99.2
ARHGDIA	100	100
GREB1L	100	100
KCTD1	99.77	97.2
TTR	100	100
MOCOS	100	100
MYO5B	99.99	100
TXNL4A	100	100
GNA11	100	100
C3	100	100
KANK2	100	100
PRKCSH	100	100
PLVAP	100	100
TSHZ3	100	100
SLC7A9	100	100
NPHS1	100	100
SPINT2	100	100
ARL6	100	100
ACTN4	100	100
SARS2	100	100
ADCK4	100	100
B9D2	100	100
APOE	100	99.9
APOC2	100	100
SIX5	100	99.5
AP2S1	100	100
CCDC114	100	100
AVP	98.23	98.2
MKKS	100	100
JAG1	100	100
THBD	100	100
KIF3B	100	100
MAFB	100	100
IFT52	100	100
HNF4A	100	99.9
TP53RK	100	100
SALL4	100	99.7

Gennaam	CreV4 (15X)	SSv7 (15X)
CYP24A1	100	100
STX16	100	100
GNAS	100	99.9
LAMA5	99.97	98.8
NRIP1	100	100
ITSN1	100	99.8
CRKL	100	100
IFT57	99.79	99.8
IQCB1	100	100
CASR	100	100
MYLK	100	100
SEC61A1	100	100
IFT122	100	100
NPHP3	100	98.4
DZIP1L	100	99.9
AGTR1	100	100
IFT80	100	99.2
SLC2A2	100	100
NAALADL2	100	100
CLCN2	100	100
EHHADH	100	100
DNAJB11	100	100
LPP	100	100
TP63	100	100
CLDN16	100	100
IL1RAP	99.99	100
TCTEX1D2	100	100
SLC26A1	100	100
EVC2	100	100
EVC	98.95	95.4
SLC2A9	100	99.8
CC2D2A	100	99.8
MYH9	100	99.7
IFT27	100	100
CBY1	100	100
XPNPEP3	100	100
UPK3A	100	98.1
ATXN10	100	100
ARSA	100	100
KAL1	100	99.3
OFD1	100	99.1
PHEX	100	100
KDM6A	100	99.9
CLCN5	100	99.9
MAGED2	100	100
GLA	100	100
NXF5	99.59	99.9
TBC1D8B	100	100
COL4A5	100	99.7
C1GALT1C1	100	100

Gennaam	CreV4 (15X)	SSv7 (15X)
OCRL	99.99	98.6
GPC3	100	100
HPRT1	100	93.1
MAP7D3	99.8	94.9
ZIC3	99.99	100
FAM58A	97.93	84.1
AVPR2	100	100
SLIT2	100	100
TBC1D1	100	100
WDR19	100	99.9
SLC4A4	100	100
SCARB2	100	100
FRAS1	100	100
COQ2	100	99.6
DMP1	100	100
PKD2	99.97	100
NPNT	100	98.1
CFI	100	97.5
EGF	100	100
BBS7	100	99.5
BBS12	100	100
INTU	100	100
SCLT1	100	95.7
NR3C2	100	100
FGA	100	99.9
NEK1	99.99	98
FAT1	100	100
SLC9A3	99.8	99.3
SLC6A19	100	99
MTRR	100	100
FAM134B	100	98.8
NIPBL	99.88	98.8
LAGE3	99.91	96.8