Table S1	
Gene symbol	Median su
	Low expression cohort
Up-regulated	
NEK2	94.5
CDCA5	119.87
PBK	95.5
NUSAP1	95.5
MTFR2	110.27
ANLN	125.77
NUF2	119.87
BUB1B	95
GPI	96.2
GINS2	95.07
CENPE	96
CDCA8	95.07
SPAG5	91
CDCA2	117.33
GTSE1	95.07
C1orf112	93
PARPBP	119.87
KIF20A	95
CCNE1	96
PTTG1	92.97
MRPS17	92.6
KIF18B	95
MCM8	124
NME1	96
TYMS	89
TOP2A	94.5
DTYMK	117.33
ASF1B	92.6
RNASEH2A	91
RPL39L	92.6
DEPDC1B	117.33
BIRC5	89
LMNB1	96
TROAP	91
UHRF1	110.27
PSAT1	119.87
CENPU	112.67
TK1	89
MTFP1	112.67
NCAPG2	89
MKI67	91
POLE2	95.07

CENPN	110.27
MELK	92.6
BRIP1	110.27
KIF14	110.27
NCAPG	92.97
KIF18A	94.5
KPNA2	86.27
CCNA2	95
RACGAP1	89
TIMM50	117.33
CENPF	93
MCM2	89
ESPL1	89
MAD2L1	89
MIS18A	119.87
CENPI	92.6
HELLS	108.97
CENPM	91
FANCI	96
KIF15	92.6
RCCD1	108.97
SLC7A5	89
TCF19	110.27
RHNO1	124
KIF11	87.7
MMP12	91
AURKA	92.6
SHMT2	89
FANCD2	105
FGFR1OP	107
SHCBP1	91
ZWINT	87.7
S100A2	92.6
BRCA2	88.7
WDR12	87.7
BLM	91
IGSF9	110.27
MRPL36	108.97
EME1	107
F12	88.7
RPA3	85.65
NDC80	85.65
CENPK	103
MEST	85
GINS1	91
DSP	87.7
MDK	88.7
RCC1	88

RECQL4	92.6
CCNB1	107
NMU	88
RRM2	89
DONSON	84.1
KLC3	107
RMI2	108.97
NDE1	111.63
NPM3	84.1
HMMR	86.27
WDHD1	87.7
BIK	88.7
CKS2	84.1
TMEM106C	87.7
SLC2A1	90
ALG3	88.7
CCNF	87.7
IQGAP3	103
TUBG1	85.65
SORD	84.1
ITGB4	89
NCAPD3	88.7
DNMT3B	87.7
LAD1	86.27
DCTPP1	80.9
COA6	101.47
FGF11	111
ENO1	85
KNTC1	87.7
MTX2	84.1
CSTF2	84.1
AK4	102
PPP1R14B	81.2
H2AFV	85.65
E2F8	84.1
GEMIN2	79.5
SPATC1L	102
GREM1	66
KIF23	80.9
PDCD2L	105
PLOD2	84.1
PKP3	84
IGF2BP3	84.1
PLK4	79.54
HMBS	86.27
DNAH14	93
UCHL1	79.5
PPIL1	117.33

PIMREG	99
NUP62CL	86.27
C5orf34	99
CDCA7	99.43
CCDC167	103
RAD51AP1	79.54
AHCY	81.1
NIPSNAP1	84
PAFAH1B3	79.87
BRCA1	78
COL1A1	80.9
HIST1H2BH	86.27
SPP1	81.1
ECT2	78.5
TFAP2A	79.54
ADAMTS12	85
YKT6	85
BZW2	80.9
EZH2	79.5
ATAD2	103
GALNT14	79
GJB2	103
EGLN3	80.03
CKAP2	79.54
PAICS	79
PAQR4	81
NSD2	84
FEN1	79
ILF2	79.54
CDKN2A	84.1
CHAF1B	77.6
FERMT1	78.5
IPO4	79
CHAC2	99
ERO1A	79.27
SLC12A8	79
ARNTL2	99
GEMIN6	77.6
STEAP1	78
ZNF367	95.07
MARCKSL1	80.03
TIMELESS	79.27
SULF1	60
PTGES	81.2
CCNE2	79.54
RPP40	77.6
RAD51	78
PLEK2	79.54

HIST1H2BE	81.2
TMPRSS4	80.9
HRASLS	78.9
IDH2	79
FAM83H	92.97
H2BFS	85
ASPM	96
CDC20	96
TPX2	96.2
KIF2C	96.1
DLGAP5	94.5
BUB1	96
CEP55	95
KIF4A	95
UBE2T	124
HJURP	96
UBE2C	96.2
TTK	95
CCNB2	98.5
CHEK1	96
PRC1	98.5
AURKB	95
FOXM1	102
DEPDC1	117.33
PRR11	124
CDCA3	124
MYBL2	105
CDKN3	95.5
MCM4	99.43
SAPCD2	107
TRIP13	99
CDT1	119.87
NCAPH	96
RFC4	95
MND1	124
CDC6	101.6
SPC25	103
CENPL	119.87
OIP5	95.07
HMGA1	92.97
CENPW	124
CDCA4	99
CENPH	127
CDC20	96
TPX2	96.2
KIF2C	96.1
DLGAP5	94.5
BUB1	96

CEP55	95
KIF4A	95
UBE2T	124
HJURP	96
UBE2C	96.2
TTK	95
CCNB2	98.5
CHEK1	96
PRC1	98.5
AURKB	95
FOXM1	102
DEPDC1	117.33
PRR11	124
CDCA3	124
MYBL2	105
CDKN3	95.5
MCM4	99.43
SAPCD2	107
TRIP13	99
CDT1	119.87
NCAPH	96
RFC4	95
MND1	124
CDC6	101.6
SPC25	103
CENPL	119.87
OIP5	95.07
HMGA1	92.97
CENPW	124
CDCA4	99
CENPH	127
Down-regulated	
CPED1	45.47
CREBRF	46.7
SCN7A	45
FRY	45
SHE	45
RGN	44.33
ARHGAP6	45.3
TPPP	48
TEK	44
JAM2	44
CGNL1	47
HLF	45.6
UBL3	47
ADRB2	45.33
NEDD9	45.24
DPYSL2	47

NATD1	46.2
CYB5B	46
TNS1	45.8
EPB41L5	49.47
AR	49.47
LDB2	46.2
MYLIP	46
TBX5-AS1	46.7
CAT	45.27
EMCN	43.1
CACNA2D2	48
PRELP	45.47
DLC1	45
PTPN21	48
DCUN1D3	46.7
CLU	48
ATP1A2	48
TMEM108	48
GIMAP6	47.8
SYNPO2	48
TACC1	47
SLC24A3	48
RNF125	46.7
SHROOM4	48
GPRASP1	48
ABCA8	45.33
KANK2	47
RFTN1	46.7
C16orf54	43.7
TTC28	46.7
RGS13	44.94
RAI2	45.8
USP53	49
MAP3K3	45.27
FAT4	45.3
MMRN2	46.7
TMEM100	45.24
IFT57	50.73
HECW2	49
LPL	49.97
ETS1	46.7
PTPRM	48.9
DOCK4	48.9
ADARB1	46.7
LIMCH1	48.6
AOC3	48
MAOA	48
CAB39L	49.47

PGM5	48
ITGA8	47.63
RNF180	49
HSD17B6	47
TBX5	48
ADAMTS8	49.47
PLXNA2	52
KIAA1211L	52
N4BP2L1	49.97
SYNC	47.8
RERG	47
CNRIP1	45
P2RY14	47.53
MYH11	48.9
KLF15	48
SOX17	48.9
SMAD7	48
C1QTNF7	49.97
RTN1	48.9
MAOB	47.8
TAPT1	49
KANK3	48.6
FBP1	47.53
MYRIP	48
SPTBN1	49.4
ANKRD44	50.73
IL11RA	48
METTL7A	52
GIMAP1	50.73
ARHGAP25	48
RAP1A	50.33
TMEM204	47.8
CYYR1	47
TMEM178A	50.33
MYH10	48.8
CADM1	52
ADAMTSL3	48
LIMD1	49.47
MFAP4	47.53
PHACTR1	49.47
CFLAR	50.73
PARD3B	52
TXNL1	52
ACACB	48
PGR	52
FAM162B	44.33
LBH	50
RECK	49.97

PEAK1	52
C20orf194	50
FHL1	47.8
LMCD1	48
PPP1R16B	49
SCARA5	49.97
CABLES1	52
SNX1	48.8
MAMDC2	49.47
SAP18	48
VSIG2	52
C2orf40	51.53
COLEC12	48.6
SECISBP2L	52
RBPMS-AS1	52
PAPSS2	50
DCN	48.6
ABI3BP	49
FOXF1	48
RPL15	48
PRKCE	50.73
SUSD2	52
FGD5	48
SCN4B	48
DMD	52
ABCG1	50.73
RFX2	50.73
HSPB8	48.9
CX3CR1	48.6
GUCY1A2	52
ADPRH	50
HMCN1	49
PDK4	49.97
LATS2	50
GGTA1P	48
P2RY13	48
LRCH2	50
SORBS1	52
MRAS	52
LRCH1	52
N4BP1	50
PRDM6	50.73
KCTD12	49
SASH1	49.43
FAM49A	50.73
NPR1	48
MACF1	49
ITM2A	47.77

KAT2B	49.97
RCSD1	50.33
NOSTRIN	52
TGFBR2	48
FAM13C	50
AGTR1	48
ATOH8	52
IL7R	50.33
ZBTB47	52
LINC00968	50
CDS2	53
PRKG1	51.53
CYP4B1	48.9
LMOD1	48
PAG1	50
SLIT2	50.73
LAMTOR3	49.43
GATA2	49.4
SNRK	48.9
FOXF2	48
GATA6	52
MICU3	52
CACNA1D	52
SFTPD	51.53
WIF1	52
PID1	50
CYBRD1	48
GIMAP8	49
A2M	49.4
MEOX2	51
STX12	50
SGCD	49.97
DYNC1I2	52
PDE3B	54.3
TCF21	49.47
ADH1B	48
SFTPB	52
ARHGEF6	49
ECM2	49
JAM3	50.33
ANK2	50.73
ZEB1	52
PPP6C	52
MSRB3	49.97
CCDC50	52
BTNL9	51.53
FOXP1	52
RBMS3	50

EMP2	51.53
CHRDL1	49
RILPL2	49.97
GRK5	54.2
PODXL	52
PLSCR4	48.6
TOX2	50.33
PLCE1	52
ESYT3	54
RAB11A	52
CYS1	51.53
CLIC5	52
ARHGEF3	51.53
OTUD1	52
ALOX5	52
FMO2	50.73
CDO1	50
SH3BP5	52
FILIP1	55
USP47	52.97
PKNOX2	52
SPARCL1	49
ANXA11	52
PALD1	52
DPH3	51.27
CXCL12	52
MOB3B	52
ITIH5	52
CLEC2B	49
KLF2	52
PEAR1	52
SMAD6	52
PIP5K1B	52
DPT	52
ANGPT1	52
HSPA12B	52
TMEM170B	52
MAL	52
OLFML1	49.97
CD93	52
PALMD	50.73
PLEKHH2	52
ANKRD29	52
CD55	52
DISP1	54
PGC	52
C1orf21	52
STARD13	51.53

KDR	52.97
GIMAP7	51.53
H2AFJ	52
LCP2	52
PCAT19	52
CRIM1	54.2
SCAI	57
CPA3	52
DPEP2	52
SHANK2	55
ANKS1A	56.8
CDH5	52
LRRK2	50.73
SYNPO	49.4
PDE5A	51.53
TIMP3	52
ARHGAP31	52
ITGAL	52
HRCT1	52.97
EFEMP1	52
IL33	52
PLA2G1B	52
STOM	54
CFL2	53
FGF2	52
HEG1	52
CLEC10A	49
PTPRB	52.97
PECAM1	52
APH1B	54.47
LIFR	52
SSBP2	54.3
GJA4	52
GPIHBP1	52
RBM17	57
PTPRD	50.33
LMO7	52
OGN	52
DNAH1	52
MRGPRF	50
QKI	54.47
SFTA1P	52
RASL12	52
CCDC68	52.97
TBC1D10C	53
SLC16A5	52
SOCS2	52
BEND7	52

ABCA6	50
SAMD4A	48.9
CPAMD8	54
ZCCHC24	50.73
C14orf132	52
KCNAB1	52
SMAD9	57
HGF	52
VGLL3	52
PRICKLE1	52
ADHFE1	57
ZEB2	52
FYN	52
GLIPR2	54.57
ABCA3	52
CARD8	52
S1PR1	52
ZBTB16	52
FGF18	57
COL13A1	52
DNAJC27	57
ROBO4	52
CELF2	56.5
PRDM5	55.37
SLCO2A1	54.17
SCNN1G	54
PDZRN3	52.2
ZNF423	52
CD300LF	49
INMT	52
ACOXL	54.17
ITK	52
DES	52.97
MCEMP1	52
NCKAP5	55
ADCY4	51.53
VEPH1	52.97
FAM167A	54.57
WFDC1	52
ID4	54.2
CSF2RB	52
LAMB2	52
PRKCB	52
ABHD5	54.3
CD69	52
PTGER4	54.2
KL	54.57
EDNRB	54.2

PIK3R5	52.97
SAMD5	57
GPM6B	55
FXYD6	52
PCM1	56.5
SLC39A8	52
PEBP4	52.97
TGFBR3	52
GJA5	52
RAB14	54.57
ARHGAP18	52
NCALD	52.97
ZDHHC3	57
GSTM3	55
ROR1	53
NPNT	55
GNG2	52
PREX1	54.47
RXFP1	52
CEP126	59
TRPC6	54
GPR65	52
GALNT18	54
CA3	54.93
GLDN	55.37
ZFPM2	52.97
EDNRA	52.2
LSAMP	54
FBLN5	49.97
CLASP2	57
PEG3	52.97
MAGI2-AS3	55.37
DOCK9	57
F8	55
AKAP12	57
PDZD2	56.8
N4BP2L2	53
HIGD1B	54.57
NPR3	54.57
COL6A6	52
GNG11	56
RASSF2	52
PPM1F	52
ACTR3	53
ARHGAP29	54.57
UACA	57
COL6A5	56.5
P2RY12	57

SESN1	52
ZC3H12C	57
GIPC2	57
LMO2	54.3
CCBE1	52
SCEL	55.37
CAV1	54.93
AOX1	54
FIBIN	52
ARHGAP24	52
ACAA2	57.33
LGALSL	57
SLC44A2	59
TMEM139	57
BCHE	52
GPM6A	57
WASF3	57
C11orf96	53
SH2D3C	59
BMPR2	57
CLEC12A	54.47
KLF9	54.3
CMKLR1	52
EP300-AS1	59
EBF1	59
ECSCR	56.5
TRPV2	54.3
ARGLU1	56.5
MYADM	56.5
ESAM	54.57
MRC1	52
IGSF10	54.47
IGSF10	54.47
MFSD2A	52
TBX3	57
FHL5	54.57
SCARF1	56.7
TOM1L2	57
NAP1L5	57
MS4A2	53
PTPRG	57
ADRB1	54.17
CD52	54.57
RPL23AP32	56.5
PPP1R12B	52.97
EML1	52
CYR61	52.97
LRRFIP1	57

FAR2	57
SSTR1	56.5
FLRT3	55
NCK1	57
FGD3	59
CSRNP1	57
CD33	54.57
DAAM2	52
TNFRSF10D	59
MMRN1	57
TAL1	52
CCDC85A	57
ETS2	52
THRB	57
PLLP	52.97
LOC10192842	57
TPPP3	57
MMP28	54.47
RASGRP2	56.5
CPB2	52
PDLIM2	52
BMP2	55
LAMP3	56.7
CLDN18	55
CEBPD	56.5
FERMT2	56
P3H2	54.17
MAP3K8	56.7
SRPX	54
INPP1	59.53
IL3RA	57
CALCRL	56.5
HMBOX1	63
HSPB2	52
LAMC3	56.8
TMEM47	54.2
NR5A2	57
GPX3	54.57
ZNF385B	59
BTK	54.57
RPGR	59
ARHGEF10	56
FLI1	57
PTGDS	52.97
AGER	57
IRF1	60
ACSS3	59.53
C1orf198	57

LINC00312	60
NEBL	63
CCL23	56.7
CFD	55
IL18R1	54.2
ICAM2	56.8
STX3	60.73
LTBP4	54.93
ZDHHC2	63
RIMS3	54.47
CLEC14A	55
CCM2L	63
TLR8	60
IRAK3	57
ANKDD1A	57
TMOD1	61.21
RUNX1T1	60.73
FBLN1	54
RETN	54.3
ROBO2	59
RNF182	60.73
MS4A7	57
DUSP1	52
ACVRL1	59
MYO5B	66.47
HLX	56.7
HLA-E	54.3
RUFY2	63
SLC46A2	55
ABCG2	59
PRTG	59.53
SOX7	57
AFF3	62
MNDA	57
BIN2	57
NLRC4	57
PPP1R14A	57
PIAS1	59.53
PRKCH	55
ENG	54.47
CYP27A1	61.21
ANXA3	52.2
PPARGC1A	56.7
SELPLG	55
PKIG	59
HEYL	63.4
AMOTL2	61.21
TM6SF1	56.7

NAV3	56.7
NR4A1	56.7
FSTL1	54
WFS1	56.5
EGR2	56.5
PLCL1	62
TBC1D1	66.47
PLAC9	56.5
FRMD4B	56.7
SEMA5A	57
FAT3	63
NEXN	57
ATP6V0A2	63
SLC44A1	60.73
FGF7	54.2
HK3	57
ACADL	62.2
AQP4	60
GAS6	55
CCRL2	61.21
NFASC	57
TCEAL7	59.53
TSPAN7	56.5
ADGRG6	63
TNNC1	57
HYAL1	57
LOC643733	62
NEDD4L	59
MSR1	57
ACE	63.4
EDN1	61.3
CDKN1C	62
CX3CL1	54.47
TNS2	56.5
KIAA1324L	63
SLC14A1	63.03
SCARA3	57
RHOBTB2	60
CLDN5	57.33
SLC6A4	63.4
SLC1A1	57
PLAGL1	61.21
DIXDC1	57
KLB	63.03
SVEP1	63.03
FEZ1	54
SERPING1	56
ABHD6	59.53

HHIP	59
SLCO2B1	56.5
EGR3	60
GIMAP4	56.7
CARD16	63.4
SUGT1	67
FAM107A	55
PTPRO	62.3
FRAS1	63
SCN1A	57
DCDC2	63
VWF	57
ARHGAP30	59.53
SYNE1	44
LOC10050699	43.07
CBX7	42.23
CYP2U1	42
ADGRD1	43
ZBTB4	42.8
CTDSPL	45.3
PTEN	48
PRICKLE2	42.8
PPM1K	46
AXIN2	44
FMO3	43.83
CPED1	45.47
SYNE1	44
LOC10050699	43.07
CBX7	42.23
CYP2U1	42
ADGRD1	43
ZBTB4	42.8
CTDSPL	45.3
PTEN	48
PRICKLE2	42.8
PPM1K	46
AXIN2	44
FMO3	43.83

rvival (month) High expression cohort	Log rank P	Hazard ratio
44.42	1.10E-16	1.71 (1.51–1.95)
47	1.10E-16	2.04 (1.72–2.42)
45.24	1.10E-16	1.72 (1.51–1.96)
44.42	1.10E-16	1.71 (1.5–1.94)
43.1	1.10E-16	2.03 (1.71–2.41)
45.47	2.20E-16	2.02 (1.7–2.4)
45	2.20E-16	2.02 (1.7–2.4)
44.94	2.20E-16	1.71 (1.5–1.94)
45.8	2.20E-16	1.7 (1.49–1.93)
45.27	5.60E-16	1.69 (1.49–1.92)
45.24	7.80E-16	1.7 (1.49–1.93)
44.42	7.80E-16	1.69 (1.48–1.92)
44.42	1.30E-15	1.68 (1.48–1.91)
46.2	1.30E-15	1.97 (1.67–2.34)
47.53	1.60E-15	1.67 (1.47–1.9)
45.24	2.30E-15	1.68 (1.47–1.91)
47	4.20E-15	1.96 (1.65–2.32)
45.27	5.10E-15	1.66 (1.46–1.89)
46.2	5.40E-15	1.66 (1.46–1.88)
45.6	5.70E-15	1.66 (1.46–1.89)
47	6.00E-15	1.66 (1.46–1.89)
45	7.10E-15	1.65 (1.46–1.88)
47	1.20E-14	1.94 (1.63–2.3)
45.8	1.30E-14	1.65 (1.45–1.88)
45.3	1.40E-14	1.65 (1.45–1.87)
45.3	1.90E-14	1.65 (1.45–1.87)
48	2.00E-14	1.91 (1.61–2.26)
46.7	2.30E-14	1.64 (1.44–1.86)
45.8	2.60E-14	1.64 (1.44–1.86)
48	3.10E-14	1.64 (1.44–1.86)
46.2	4.00E-14	1.9 (1.61–2.25)
45.6	4.70E-14	1.62 (1.43–1.84)
45.33	4.70E-14	1.63 (1.43–1.85)
47.8	5.70E-14	1.62 (1.43–1.84)
48	6.10E-14	1.89 (1.6–2.24)
51.27	1.40E-13	1.88 (1.58–2.22)
48	1.50E-13	1.86 (1.58–2.21)
47.9	1.60E-13	1.61 (1.42–1.83)
49.97	2.00E-13	1.86 (1.57–2.2)
45.6	2.40E-13	1.61 (1.42–1.83)
45.8	2.60E-13	1.6 (1.41–1.82)
48	3.00E-13	1.6 (1.41–1.82)

48	3.40E-13	1.85 (1.56–2.19)
47.63	3.60E-13	1.6 (1.41–1.82)
46.7	5.30E-13	1.84 (1.56–2.18)
48.9	7.40E-13	1.84 (1.55–2.18)
45.8	1.10E-12	1.58 (1.39–1.8)
48	1.60E-12	1.58 (1.39–1.8)
47.63	2.00E-12	1.58 (1.39–1.8)
47	2.20E-12	1.57 (1.39–1.79)
46.7	2.80E-12	1.57 (1.38–1.79)
50	3.30E-12	1.81 (1.53–2.15)
47.53	3.40E-12	1.57 (1.38–1.78)
48	5.60E-12	1.56 (1.37–1.77)
46.7	5.80E-12	1.56 (1.37–1.77)
47.63	1.30E-11	1.55 (1.37–1.77)
52	1.50E-11	1.78 (1.5–2.11)
50	1.60E-11	1.55 (1.36–1.76)
49.47	1.70E-11	1.77 (1.49–2.09)
48	2.00E-11	1.54 (1.36–1.75)
48	2.30E-11	1.54 (1.36–1.75)
47.63	2.40E-11	1.54 (1.36–1.75)
47.63	4.90E-11	1.74 (1.47–2.05)
51.27	6.00E-11	1.52 (1.34–1.73)
49.47	7.50E-11	1.73 (1.46–2.05)
52	7.50E-11	1.76 (1.48–2.08)
47.9	9.00E-11	1.52 (1.34–1.73)
51.27	9.10E-11	1.52 (1.34–1.73)
48	1.20E-10	1.52 (1.33–1.72)
48	1.20E-10	1.51 (1.33–1.72)
48	2.00E-10	1.71 (1.45–2.02)
49.97	2.50E-10	1.7 (1.44–2.01)
48	2.70E-10	1.51 (1.33–1.71)
47.63	3.00E-10	1.5 (1.32–1.71)
50	3.30E-10	1.5 (1.32–1.7)
51.53	4.00E-10	1.5 (1.32–1.7)
48.9	4.70E-10	1.5 (1.32–1.7)
52	5.10E-10	1.49 (1.31–1.69)
52	7.80E-10	1.68 (1.42–1.99)
53	8.20E-10	1.7 (1.43–2.01)
49	9.30E-10	1.67 (1.42–1.98)
52	1.60E-09	1.47 (1.3–1.67)
49	2.20E-09	1.48 (1.3–1.69)
48.8	2.40E-09	1.47 (1.3–1.68)
50	2.50E-09	1.65 (1.4–1.96)
52	2.50E-09	1.47 (1.29–1.67)
50	2.60E-09	1.47 (1.29–1.67)
49.97	3.90E-09	1.47 (1.29–1.67)
54.2	3.90E-09	1.47 (1.29–1.67)
52	4.70E-09	1.46 (1.28–1.66)

48	5.90E-09	1.46 (1.28–1.66)
51.53	7.30E-09	1.63 (1.38–1.92)
50	7.90E-09	1.45 (1.28–1.65)
49.47	8.00E-09	1.45 (1.28–1.65)
49.43	8.10E-09	1.46 (1.28–1.65)
53	9.30E-09	1.63 (1.37–1.92)
52	1.20E-08	1.62 (1.37–1.91)
54.57	1.20E-08	1.62 (1.37–1.92)
52	1.40E-08	1.44 (1.27–1.64)
50	1.50E-08	1.44 (1.27–1.64)
51.27	1.70E-08	1.44 (1.27–1.63)
52	1.70E-08	1.44 (1.27–1.63)
52	2.40E-08	1.44 (1.26–1.63)
50.73	2.50E-08	1.43 (1.26–1.63)
56.5	2.90E-08	1.43 (1.26–1.62)
55.37	3.50E-08	1.43 (1.26–1.62)
52	4.30E-08	1.42 (1.25–1.62)
49.97	4.40E-08	1.58 (1.34–1.87)
52	5.30E-08	1.42 (1.25–1.62)
51.53	5.40E-08	1.42 (1.25–1.62)
56.5	5.40E-08	1.42 (1.25–1.61)
51.27	7.90E-08	1.42 (1.25–1.61)
52	1.10E-07	1.41 (1.24–1.6)
57	1.20E-07	1.41 (1.24–1.6)
54.57	1.20E-07	1.4 (1.24–1.59)
54.17	1.20E-07	1.57 (1.33–1.86)
59.53	1.60E-07	1.55 (1.32–1.84)
52.97	1.60E-07	1.4 (1.24–1.59)
52	2.10E-07	1.4 (1.23–1.59)
52	2.10E-07	1.4 (1.23–1.6)
53	2.70E-07	1.39 (1.23–1.58)
52.97	3.30E-07	1.54 (1.3–1.81)
52	3.60E-07	1.39 (1.22–1.57)
52	3.70E-07	1.39 (1.22–1.58)
49.97	4.40E-07	1.39 (1.22–1.57)
52	5.70E-07	1.39 (1.22–1.59)
54	6.20E-07	1.53 (1.29–1.81)
38	6.90E-07	1.17 (1.03–1.33)
52	7.00E-07	1.38 (1.21–1.57)
57	9.20E-07	1.51 (1.28–1.78)
52	1.20E-06	1.37 (1.21–1.56)
56	1.20E-06	1.37 (1.2–1.55)
52	1.60E-06	1.36 (1.2–1.55)
52	1.80E-06	1.36 (1.2–1.55)
55.37	2.00E-06	1.36 (1.2–1.54)
55	2.10E-06	1.49 (1.26–1.76)
54	2.20E-06	1.36 (1.2–1.54)
59.53	2.30E-06	1.5 (1.27–1.78)

54	2.40E-06	1.19 (1.05–1.35)
54.2	3.20E-06	1.35 (1.19–1.54)
57	3.50E-06	1.48 (1.25–1.74)
57	3.60E-06	1.48 (1.25–1.74)
57	4.50E-06	1.48 (1.25–1.74)
54.17	4.60E-06	1.35 (1.18–1.53)
57	5.90E-06	1.34 (1.18–1.52)
54.57	6.20E-06	1.34 (1.18–1.52)
55	8.70E-06	1.33 (1.17–1.52)
54.17	9.50E-06	1.33 (1.17–1.51)
57	1.10E-05	1.33 (1.17–1.51)
57	1.60E-05	1.32 (1.17–1.5)
56.8	1.90E-05	1.32 (1.16–1.49)
54.17	2.00E-05	1.32 (1.16–1.5)
59.11	2.00E-05	1.32 (1.16–1.49)
57	2.40E-05	1.31 (1.16–1.49）
57	2.70E-05	1.31 (1.15–1.49)
54.57	3.20E-05	1.31 (1.15–1.49)
54.17	3.40E-05	1.31 (1.15–1.48)
57	3.90E-05	1.41 (1.2–1.67)
57	3.90E-05	1.3 (1.15–1.48)
59.53	4.30E-05	1.41 (1.2–1.66)
57	4.40E-05	1.3 (1.15–1.48)
54.17	4.80E-05	1.3 (1.15–1.48)
54.93	5.50E-05	1.3 (1.14–1.47)
57	5.70E-05	1.3 (1.14–1.47)
56.7	6.30E-05	1.29 (1.14–1.47)
54.3	7.40E-05	1.29 (1.14–1.46)
57	8.80E-05	1.29 (1.14–1.47)
57	9.50E-05	1.29 (1.13–1.46)
55	9.90E-05	1.29 (1.13–1.46)
59.53	1.00E-04	1.28 (1.13–1.45)
54.47	1.00E-04	1.28 (1.13–1.46)
61.3	1.00E-04	1.39 (1.17–1.64）
60	2.00E-04	1.27 (1.12–1.44）
60	2.00E-04	1.27 (1.12–1.44）
59.53	2.00E-04	1.36 (1.16–1.61)
56.7	2.00E-04	1.28 (1.13–1.45)
59	2.00E-04	1.27 (1.12–1.44）
56.5	2.00E-04	1.37 (1.16–1.62)
56.7	2.00E-04	1.27 (1.12–1.44）
61.21	3.00E-04	1.26 (1.11–1.43)
41.39	3.00E-04	0.95 (0.84–1.08)
61.2	3.00E-04	1.26 (1.11–1.43)
54.3	4.00E-04	1.26 (1.11–1.43)
59	4.00E-04	1.26 (1.11–1.43)
59	5.00E-04	1.25 (1.1–1.42)
59	5.00E-04	1.25 (1.1–1.42)

61.2	5.00E-04	1.25 (1.1–1.42)
62	6.00E-04	1.25 (1.1–1.41)
57	7.00E-04	1.24 (1.1–1.41)
59	8.00E-04	1.24 (1.1–1.41)
63.03	8.00E-04	1.32 (1.12–1.56)
62.3	8.00E-04	1.24 (1.09–1.41)
43.83	<1E-16	1.76 (1.55–2.01)
42.8	<1E-16	1.82 (1.6–2.07)
42	<1E-16	1.87 (1.64–2.12)
44	<1E-16	1.78 (1.57–2.03)
43.83	<1E-16	1.73 (1.52–1.97)
42.8	<1E-16	1.83 (1.61–2.09)
44	<1E-16	1.78 (1.56–2.03)
42	<1E-16	1.79 (1.57–2.03)
42.8	<1E-16	2.23 (1.87–2.65)
42	<1E-16	1.89 (1.66–2.15)
44.94	<1E-16	1.77 (1.55–2.01)
43.07	<1E-16	1.77 (1.56–2.02)
40	<1E-16	1.99 (1.75–2.27)
44	<1E-16	1.9 (1.6–2.25)
42	<1E-16	1.91 (1.68–2.18)
41.33	<1E-16	1.84 (1.62–2.1)
40	<1E-16	2.02 (1.78–2.3)
42.8	<1E-16	2.11 (1.78–2.5)
45.47	<1E-16	2.11 (1.78–2.5)
43.07	<1E-16	2.12 (1.79–2.51)
42.18	<1E-16	1.9 (1.67–2.16)
44.33	<1E-16	1.8 (1.58–2.05)
43.1	<1E-16	1.78 (1.57–2.03)
42.8	<1E-16	2.05 (1.73–2.42)
42	<1E-16	1.94 (1.71–2.21)
43	<1E-16	2.15 (1.81–2.54)
42.23	<1E-16	1.78 (1.56–2.02)
44	<1E-16	1.73 (1.52–1.97)
45.47	<1E-16	2.07 (1.74–2.45)
42	<1E-16	1.88 (1.65–2.14)
43.1	<1E-16	1.82 (1.6–2.07)
48	<1E-16	2.06 (1.74–2.45)
44.33	<1E-16	1.79 (1.57–2.03)
44.42	<1E-16	1.79 (1.57–2.03)
43.1	<1E-16	2.27 (1.91–2.7)
45.27	<1E-16	1.78 (1.57–2.03)
43.1	<1E-16	2.16 (1.81–2.56)
42.8	<1E-16	1.82 (1.6–2.07)
42	<1E-16	1.87 (1.64–2.12)
44	<1E-16	1.78 (1.57–2.03)
43.83	<1E-16	1.73 (1.52–1.97)
42.8	<1E-16	1.83 (1.61–2.09)

44	<1E-16	1.78 (1.56–2.03)
42	<1E-16	1.79 (1.57–2.03)
42.8	<1E-16	2.23 (1.87–2.65)
42	<1E-16	1.89 (1.66–2.15)
44.94	<1E-16	1.77 (1.55–2.01)
43.07	<1E-16	1.77 (1.56–2.02)
40	<1E-16	1.99 (1.75–2.27)
44	<1E-16	1.9 (1.6–2.25)
42	<1E-16	1.91 (1.68–2.18)
41.33	<1E-16	1.84 (1.62–2.1)
40	<1E-16	2.02 (1.78–2.3)
42.8	<1E-16	2.11 (1.78–2.5)
45.47	<1E-16	2.11 (1.78–2.5)
43.07	<1E-16	2.12 (1.79–2.51)
42.18	<1E-16	1.9 (1.67–2.16)
44.33	<1E-16	1.8 (1.58–2.05)
43.1	<1E-16	1.78 (1.57–2.03)
42.8	<1E-16	2.05 (1.73–2.42)
42	<1E-16	1.94 (1.71–2.21)
43	<1E-16	2.15 (1.81–2.54)
42.23	<1E-16	1.78 (1.56–2.02)
44	<1E-16	1.73 (1.52–1.97)
45.47	<1E-16	2.07 (1.74–2.45)
42	<1E-16	1.88 (1.65–2.14)
43.1	<1E-16	1.82 (1.6–2.07)
48	<1E-16	2.06 (1.74–2.45)
44.33	<1E-16	1.79 (1.57–2.03)
44.42	<1E-16	1.79 (1.57–2.03)
43.1	<1E-16	2.27 (1.91–2.7)
45.27	<1E-16	1.78 (1.57–2.03)
43.1	<1E-16	2.16 (1.81–2.56)
125	<1E-16	0.66 (0.56–0.77)
124	1.10E-16	0.49 (0.42–0.58)
117.33	1.10E-16	0.5 (0.42–0.59)
95	1.10E-16	0.58 (0.51–0.66)
112.67	1.10E-16	0.49 (0.41–0.58)
96	1.10E-16	0.58 (0.51–0.66)
96	1.10E-16	0.58 (0.51–0.66)
119.87	1.10E-16	0.5 (0.42–0.59)
95	2.20E-16	0.59 (0.52–0.67)
107	2.20E-16	0.49 (0.42–0.59)
119.87	2.20E-16	0.5 (0.42–0.59)
95	3.30E-16	0.54 (0.48–0.62)
96	3.30E-16	0.59 (0.52–0.67)
95	4.40E-16	0.59 (0.52–0.67)
91	5.60E-16	0.59 (0.52–0.67)
95.07	6.70E-16	0.59 (0.52–0.67)

125.77	7.80E-16	0.5 (0.42–0.59)
107	8.90E-16	0.5 (0.42–0.6)
89	1.00E-15	0.59 (0.52–0.67)
118	1.30E-15	0.5 (0.42–0.6)
124	1.80E-15	0.5 (0.42–0.6)
93	1.90E-15	0.6 (0.53–0.68)
108.27	2.20E-15	0.51 (0.43–0.6)
107	2.90E-15	0.51 (0.43–0.61)
91	3.20E-15	0.6 (0.53–0.68)
108.97	3.30E-15	0.51 (0.43–0.61)
95.5	4.40E-15	0.6 (0.53–0.68)
124	4.40E-15	0.51 (0.43–0.61)
108.97	4.80E-15	0.92 (0.81–1.05)
119.87	5.40E-15	0.51 (0.43–0.61)
110.27	7.00E-15	0.51 (0.43–0.61)
95	8.40E-15	0.6 (0.53–0.69)
95	1.10E-14	0.6 (0.53–0.69)
110.27	1.80E-14	0.52 (0.44–0.62)
93	1.90E-14	0.61 (0.54–0.69)
124	1.90E-14	0.52 (0.44–0.62)
92.97	2.00E-14	0.61 (0.54–0.69)
93	2.10E-14	0.61 (0.54–0.69)
111.63	2.40E-14	0.52 (0.44–0.62)
117.33	2.60E-14	0.52 (0.44–0.62)
91	2.60E-14	0.61 (0.53–0.69)
91	2.70E-14	0.61 (0.54–0.69)
93	3.00E-14	0.61 (0.54–0.69)
95	3.40E-14	0.61 (0.54–0.7)
107	4.20E-14	0.53 (0.44–0.62)
93	4.30E-14	0.61 (0.54–0.69)
92.97	4.50E-14	0.61 (0.54–0.7)
91	5.40E-14	0.61 (0.54–0.7)
111.63	6.00E-14	0.53 (0.45–0.63)
105	9.60E-14	0.53 (0.44–0.63)
87.7	9.70E-14	0.62 (0.54–0.7)
119.87	1.10E-13	0.53 (0.44–0.63)
88	1.20E-13	0.62 (0.54–0.7)
112.67	1.50E-13	0.53 (0.45–0.63)
110.27	1.70E-13	0.53 (0.45–0.63)
95.07	2.00E-13	0.62 (0.55–0.71)
108.97	2.00E-13	0.53 (0.45–0.63)
134	2.10E-13	0.53 (0.45–0.63)
91	2.40E-13	0.62 (0.55–0.71)
92.6	2.60E-13	0.62 (0.55–0.71)
92.6	2.70E-13	0.62 (0.55–0.71)
96	2.70E-13	0.62 (0.55–0.71)
95	2.80E-13	0.62 (0.55–0.71)
124	3.10E-13	0.54 (0.45–0.64)

112.67	3.50E-13	0.54 (0.45–0.64)
107	4.10E-13	0.54 (0.45–0.64)
111.63	4.20E-13	0.54 (0.46–0.64)
92.97	4.60E-13	0.63 (0.55–0.71)
104	5.10E-13	0.54 (0.46–0.64)
119.87	5.30E-13	0.54 (0.46–0.64)
124	5.70E-13	0.54 (0.45–0.64)
110.27	6.00E-13	0.54 (0.46–0.64)
108.97	6.40E-13	0.54 (0.45–0.64)
91	6.50E-13	0.63 (0.55–0.71)
107	7.80E-13	0.55 (0.46–0.65)
107	8.10E-13	0.55 (0.46–0.65)
87.7	8.40E-13	0.63 (0.56–0.72)
96	1.00E-12	0.63 (0.55–0.72)
107	1.10E-12	0.55 (0.46–0.65)
134	1.30E-12	0.54 (0.45–0.64)
93	1.30E-12	0.63 (0.56–0.72)
110.27	1.70E-12	0.55 (0.46–0.65)
91	1.80E-12	0.63 (0.56–0.72)
91	1.90E-12	0.63 (0.56–0.72)
111	2.00E-12	0.55 (0.47–0.65)
91	2.60E-12	0.64 (0.56–0.72)
90	2.60E-12	0.64 (0.56–0.72)
88.7	2.60E-12	0.64 (0.56–0.72)
89	2.90E-12	0.64 (0.56–0.72)
112.67	3.20E-12	0.55 (0.47–0.66)
85.65	3.30E-12	0.64 (0.56–0.72)
89	3.70E-12	0.64 (0.56–0.73)
124	4.50E-12	0.55 (0.47–0.65)
87.7	4.60E-12	0.64 (0.56–0.73)
107	4.80E-12	0.55 (0.47–0.66)
94.5	4.90E-12	0.64 (0.56–0.72)
108.27	5.20E-12	0.56 (0.47–0.66)
108.27	5.80E-12	0.56 (0.47–0.66)
91	5.90E-12	0.64 (0.56–0.73)
96.2	6.00E-12	0.64 (0.56–0.73)
88.7	7.30E-12	0.64 (0.56–0.73)
104	7.90E-12	0.56 (0.47–0.66)
89	8.30E-12	0.64 (0.57–0.73)
110.27	8.50E-12	0.56 (0.47–0.66)
110.27	8.50E-12	0.56 (0.47–0.66)
107	8.50E-12	0.56 (0.47–0.66)
119.87	9.20E-12	0.56 (0.47–0.66)
85.65	9.50E-12	0.64 (0.56–0.73)
119.87	1.00E-11	0.56 (0.47–0.66)
96.2	1.20E-11	0.56 (0.47–0.67)
88.7	1.30E-11	0.64 (0.57–0.73)
89	1.40E-11	0.65 (0.57–0.74)

103	1.40E-11	0.56 (0.47–0.66)
108.97	1.40E-11	0.56 (0.47–0.67)
91	1.50E-11	0.65 (0.57–0.73)
95	1.50E-11	0.64 (0.57–0.73)
92.97	1.70E-11	0.65 (0.57–0.74)
107	1.90E-11	0.57 (0.48–0.67)
112.67	1.90E-11	0.56 (0.47–0.67)
86.27	2.10E-11	0.65 (0.57–0.74)
108.97	2.10E-11	0.57 (0.48–0.67)
91	2.20E-11	0.65 (0.57–0.74)
124	2.30E-11	0.57 (0.48–0.67)
110.27	2.40E-11	0.57 (0.48–0.67)
87.7	2.60E-11	0.65 (0.57–0.74)
91	2.70E-11	0.65 (0.57–0.74)
108.97	2.70E-11	0.57 (0.48–0.67)
89	2.80E-11	0.65 (0.57–0.74)
88.7	2.80E-11	0.65 (0.57–0.74)
105	2.90E-11	0.57 (0.48–0.67)
95	2.90E-11	0.65 (0.57–0.74)
88	2.90E-11	0.65 (0.57–0.74)
102	3.00E-11	0.57 (0.48–0.67)
110.27	3.20E-11	0.57 (0.48–0.67)
107	3.30E-11	0.57 (0.48–0.67)
103	3.70E-11	0.57 (0.48–0.68)
88	3.70E-11	0.65 (0.57–0.74)
93	3.80E-11	0.65 (0.58–0.74)
108.97	3.90E-11	0.57 (0.48–0.68)
92.6	4.00E-11	0.65 (0.57–0.74)
88.7	4.10E-11	0.65 (0.57–0.74)
111.63	4.50E-11	0.57 (0.48–0.68)
104	4.90E-11	0.57 (0.48–0.67)
103	4.90E-11	0.57 (0.48–0.68)
117.33	5.00E-11	0.57 (0.49–0.68)
99.43	5.00E-11	0.57 (0.48–0.67)
107	5.30E-11	0.57 (0.49–0.68)
85.65	5.50E-11	0.65 (0.58–0.74)
105	5.70E-11	0.58 (0.49–0.68)
88.7	5.90E-11	0.66 (0.58–0.74)
107	6.20E-11	0.57 (0.48–0.68)
124	6.50E-11	0.57 (0.48–0.68)
88.7	6.50E-11	0.65 (0.57–0.74)
107	7.10E-11	0.57 (0.48–0.68)
87.7	7.40E-11	0.66 (0.58–0.75)
108.97	7.80E-11	0.58 (0.49–0.68)
107	8.00E-11	0.58 (0.49–0.68)
86.27	8.20E-11	0.66 (0.58–0.75)
85.65	8.50E-11	0.66 (0.58–0.75)
85.65	9.90E-11	0.66 (0.58–0.75)

81.1	1.10E-10	0.66 (0.58–0.75)
107	1.10E-10	0.58 (0.49–0.68)
108.97	1.20E-10	0.58 (0.49–0.69)
87.7	1.20E-10	0.66 (0.58–0.75)
111	1.40E-10	0.58 (0.49–0.69)
91	1.40E-10	0.66 (0.58–0.75)
108.97	1.40E-10	0.58 (0.49–0.68)
107	1.40E-10	0.58 (0.49–0.69)
107	1.50E-10	0.58 (0.49–0.69)
98.5	1.80E-10	0.58 (0.49–0.69)
107	1.80E-10	0.58 (0.49–0.69)
108.27	2.00E-10	0.58 (0.49–0.69)
88	2.20E-10	0.66 (0.58–0.75)
87.7	2.30E-10	0.66 (0.58–0.75)
108.97	2.30E-10	0.59 (0.5–0.69)
107	2.40E-10	0.58 (0.49–0.69)
110.27	2.50E-10	0.59 (0.5–0.69)
91	2.70E-10	0.66 (0.58–0.75)
87.7	2.70E-10	0.67 (0.59–0.76)
88	3.00E-10	0.66 (0.58–0.75)
93	3.10E-10	0.67 (0.59–0.76)
107	3.10E-10	0.59 (0.5–0.69)
87.7	3.10E-10	0.67 (0.59–0.76)
88.7	3.20E-10	0.67 (0.59–0.76)
89	3.20E-10	0.67 (0.59–0.76)
91	3.30E-10	0.67 (0.59–0.76)
105	3.60E-10	0.59 (0.5–0.7)
107	3.60E-10	0.59 (0.5–0.69)
88.7	3.80E-10	0.67 (0.59–0.76)
88.7	3.80E-10	0.67 (0.59–0.76)
87.7	4.00E-10	0.67 (0.59–0.76)
88.7	4.00E-10	0.66 (0.58–0.76)
119.87	4.20E-10	0.59 (0.5–0.7)
90	4.30E-10	0.67 (0.59–0.76)
103	4.40E-10	0.59 (0.5–0.7)
86.27	4.50E-10	0.67 (0.59–0.76)
89	4.50E-10	0.67 (0.59–0.76)
85.65	4.60E-10	0.67 (0.59–0.76)
87.7	4.60E-10	0.67 (0.59–0.76)
94.5	5.20E-10	0.67 (0.59–0.76)
88.7	5.30E-10	0.67 (0.59–0.76)
108.97	5.30E-10	0.59 (0.5–0.7)
102	5.50E-10	0.59 (0.5–0.7)
96.2	6.20E-10	0.59 (0.5–0.7)
107	6.40E-10	0.59 (0.5–0.7)
102	6.50E-10	0.59 (0.5–0.7)
107	6.50E-10	0.59 (0.5–0.7)
107	6.70E-10	0.59 (0.5–0.7)

107	6.80E-10	0.59 (0.5–0.7)
86.27	6.80E-10	0.67 (0.59–0.76)
107	6.80E-10	0.59 (0.5–0.7)
95	8.00E-10	0.67 (0.59–0.76)
87.7	8.10E-10	0.67 (0.59–0.76)
84.1	8.40E-10	0.67 (0.59–0.76)
102	9.50E-10	0.6 (0.5–0.7)
95	9.50E-10	0.67 (0.59–0.76)
117.33	9.80E-10	0.6 (0.5–0.7)
112.67	1.00E-09	0.6 (0.51–0.71)
99.43	1.10E-09	0.6 (0.5–0.7)
81.2	1.30E-09	0.68 (0.59–0.77)
86.27	1.40E-09	0.68 (0.6–0.77)
104	1.50E-09	0.6 (0.51–0.71)
84.1	1.60E-09	0.68 (0.6–0.77)
107	1.70E-09	0.6 (0.51–0.71)
86.27	1.70E-09	0.68 (0.6–0.77)
86.27	1.90E-09	0.68 (0.6–0.77)
110.27	1.90E-09	0.6 (0.51–0.71)
110.27	2.10E-09	0.6 (0.51–0.71)
88	2.10E-09	0.68 (0.6–0.77)
85	2.40E-09	0.68 (0.6–0.77)
85.65	2.40E-09	0.68 (0.59–0.77)
98.5	2.40E-09	0.6 (0.5–0.71)
107	2.60E-09	0.61 (0.51–0.72)
86.27	2.60E-09	0.68 (0.6–0.77)
108.27	2.70E-09	0.61 (0.51–0.72)
103	2.80E-09	0.6 (0.51–0.71)
99.43	2.90E-09	0.61 (0.52–0.72)
84.1	3.00E-09	0.68 (0.6–0.77)
107	3.10E-09	0.6 (0.51–0.71)
88	3.20E-09	0.68 (0.6–0.77)
81.1	3.20E-09	0.68 (0.6–0.77)
84.1	3.20E-09	0.68 (0.6–0.77)
86.27	3.60E-09	0.68 (0.6–0.77)
104	3.60E-09	0.6 (0.51–0.71)
107	3.80E-09	0.61 (0.51–0.72)
87.7	3.90E-09	0.68 (0.6–0.77)
86.27	4.00E-09	0.68 (0.6–0.78)
84.1	4.40E-09	0.68 (0.6–0.78)
87.7	4.50E-09	0.68 (0.6–0.78)
110.27	4.50E-09	0.61 (0.51–0.72)
108.27	5.10E-09	0.61 (0.52–0.72)
89	5.30E-09	0.69 (0.61–0.78)
107	5.40E-09	0.61 (0.52–0.72)
81.2	7.10E-09	0.69 (0.6–0.78)
85.65	7.10E-09	0.69 (0.61–0.78)
85.65	7.20E-09	0.69 (0.6–0.78)

88.7	7.50E-09	0.69 (0.61–0.78)
104	7.60E-09	0.61 (0.52–0.73)
85.65	7.70E-09	0.69 (0.6–0.78)
86.27	8.50E-09	0.69 (0.61–0.78)
107	8.60E-09	0.61 (0.52–0.73)
86.27	9.30E-09	0.69 (0.61–0.78)
108.97	1.00E-08	0.61 (0.52–0.73)
85.65	1.00E-08	0.69 (0.61–0.79)
87.7	1.10E-08	0.69 (0.61–0.79)
103	1.10E-08	0.61 (0.52–0.73)
79.54	1.10E-08	0.69 (0.61–0.78)
87.7	1.20E-08	0.69 (0.61–0.79)
104	1.20E-08	0.62 (0.52–0.73)
88.7	1.30E-08	0.69 (0.61–0.79)
104	1.40E-08	0.62 (0.53–0.73)
88.7	1.40E-08	0.69 (0.61–0.79)
107	1.50E-08	0.62 (0.52–0.73)
80.03	1.50E-08	0.69 (0.61–0.79)
107	1.50E-08	0.62 (0.52–0.73)
84.1	1.60E-08	0.7 (0.61–0.79)
86.27	1.60E-08	0.7 (0.61–0.79)
88.7	1.70E-08	0.69 (0.61–0.79)
84.1	1.70E-08	0.69 (0.61–0.79)
101.47	1.80E-08	0.62 (0.53–0.73)
85	1.80E-08	0.7 (0.61–0.79)
87.7	1.80E-08	0.7 (0.61–0.79)
80.9	1.90E-08	0.69 (0.61–0.79)
86.27	2.00E-08	0.69 (0.61–0.79)
86.27	2.00E-08	0.7 (0.61–0.79)
102	2.00E-08	0.62 (0.52–0.73)
104	2.00E-08	0.62 (0.53–0.74)
84	2.00E-08	0.7 (0.61–0.79)
89	2.10E-08	0.7 (0.61–0.79)
107	2.20E-08	0.62 (0.53–0.74)
101.47	2.20E-08	0.62 (0.52–0.73)
85	2.20E-08	0.7 (0.61–0.79)
81.2	2.30E-08	0.7 (0.61–0.79)
108.97	2.50E-08	0.63 (0.53–0.74)
107	2.50E-08	0.62 (0.53–0.74)
96.2	2.50E-08	0.62 (0.53–0.74)
107	2.70E-08	0.62 (0.53–0.74)
107	2.90E-08	0.63 (0.53–0.74)
79.87	3.30E-08	0.7 (0.61–0.79)
87.7	3.30E-08	0.7 (0.62–0.8)
104	3.40E-08	0.63 (0.53–0.74)
85.65	3.50E-08	0.7 (0.62–0.79)
108.97	3.50E-08	0.62 (0.53–0.74)
99	3.80E-08	0.63 (0.53–0.74)

88.7	4.00E-08	0.7 (0.62–0.8)
84.1	4.00E-08	0.8 (0.72–0.9)
98.5	4.20E-08	0.63 (0.53–0.74)
79.54	4.50E-08	0.7 (0.62–0.8)
80.9	4.60E-08	0.7 (0.62–0.8)
81.1	4.60E-08	0.7 (0.62–0.8)
118	4.70E-08	0.63 (0.53–0.75)
85.65	4.80E-08	0.7 (0.62–0.8)
80.9	5.00E-08	0.7 (0.62–0.8)
93	5.10E-08	0.63 (0.53–0.75)
108.97	5.20E-08	0.63 (0.53–0.75)
98.5	5.50E-08	0.63 (0.53–0.75)
84	5.80E-08	0.71 (0.62–0.8)
104	6.20E-08	0.63 (0.53–0.75)
84.1	6.40E-08	0.71 (0.62–0.8)
79.54	6.40E-08	0.7 (0.62–0.8)
79	6.90E-08	0.7 (0.62–0.8)
85	7.40E-08	0.7 (0.62–0.8)
111.63	7.80E-08	0.63 (0.53–0.75)
81.1	8.40E-08	0.71 (0.62–0.8)
101.47	8.80E-08	0.64 (0.54–0.75)
107	9.20E-08	0.63 (0.54–0.75)
107	9.50E-08	0.64 (0.54–0.75)
104	1.00E-07	0.64 (0.54–0.75)
85	1.00E-07	0.71 (0.62–0.8)
102	1.10E-07	0.64 (0.54–0.76)
85	1.10E-07	0.71 (0.63–0.81)
86.27	1.10E-07	0.71 (0.62–0.81)
99	1.20E-07	0.64 (0.54–0.76)
86.27	1.20E-07	0.71 (0.63–0.81)
107	1.30E-07	0.64 (0.54–0.75)
80.9	1.30E-07	0.71 (0.63–0.81)
84	1.40E-07	0.71 (0.62–0.81)
104	1.50E-07	0.64 (0.54–0.76)
103	1.60E-07	0.64 (0.54–0.76)
102	1.60E-07	0.64 (0.54–0.76)
99	1.60E-07	0.64 (0.54–0.76)
101.47	1.60E-07	0.64 (0.55–0.76)
80.9	1.60E-07	0.71 (0.63–0.81)
86.27	1.70E-07	0.71 (0.63–0.81)
81.1	1.70E-07	0.71 (0.63–0.81)
80.9	1.70E-07	0.74 (0.65–0.84)
85.65	1.90E-07	0.71 (0.63–0.81)
84.1	2.10E-07	0.72 (0.63–0.81)
84.1	2.10E-07	0.72 (0.63–0.81)
81	2.20E-07	0.72 (0.63–0.81)
86.27	2.30E-07	0.72 (0.63–0.81)
81.2	2.50E-07	0.72 (0.63–0.81)

98.5	2.50E-07	0.64 (0.54–0.76)
107	2.80E-07	0.65 (0.55–0.77)
88.7	2.90E-07	0.72 (0.63–0.82)
84.1	2.90E-07	0.72 (0.63–0.81)
84	3.10E-07	0.72 (0.63–0.82)
84	3.20E-07	0.72 (0.63–0.82)
105	3.30E-07	0.65 (0.55–0.77)
95	3.30E-07	0.65 (0.55–0.77)
99.43	3.30E-07	0.65 (0.55–0.77)
85	3.50E-07	0.72 (0.63–0.82)
104	3.50E-07	0.65 (0.55–0.77)
80.9	3.50E-07	0.72 (0.63–0.82)
107	3.50E-07	0.65 (0.54–0.76)
102	4.10E-07	0.65 (0.55–0.77)
96.2	4.20E-07	0.65 (0.55–0.77)
107	4.20E-07	0.65 (0.55–0.77)
104	4.20E-07	0.65 (0.55–0.77)
98.5	4.30E-07	0.65 (0.55–0.77)
99.43	4.30E-07	0.65 (0.55–0.77)
108.97	4.60E-07	0.65 (0.55–0.77)
81	4.70E-07	0.72 (0.64–0.82)
79.87	5.00E-07	0.72 (0.64–0.82)
108.27	5.00E-07	0.66 (0.55–0.77)
85.65	5.20E-07	0.72 (0.63–0.82)
107	5.30E-07	0.65 (0.55–0.77)
84	5.30E-07	0.72 (0.64–0.82)
88	5.40E-07	0.72 (0.64–0.82)
99	5.50E-07	0.71 (0.6–0.84)
84.1	5.60E-07	0.72 (0.64–0.82)
84.1	5.80E-07	0.73 (0.64–0.82)
80	5.90E-07	0.72 (0.64–0.82)
103	6.60E-07	0.66 (0.56–0.78)
80.9	7.00E-07	0.73 (0.64–0.82)
79	7.10E-07	0.73 (0.64–0.82)
117.33	7.40E-07	0.66 (0.56–0.78)
79.87	7.60E-07	0.73 (0.64–0.83)
81.1	7.70E-07	0.73 (0.64–0.82)
79.87	8.40E-07	0.73 (0.64–0.83)
87.7	8.40E-07	0.73 (0.64–0.82)
99.43	9.80E-07	0.66 (0.56–0.78)
80.03	1.00E-06	0.73 (0.64–0.83)
79.5	1.00E-06	0.73 (0.64–0.83)
79.54	1.10E-06	0.73 (0.64–0.83)
99.43	1.20E-06	0.66 (0.56–0.78)
84.1	1.20E-06	0.73 (0.64–0.83)
101.47	1.30E-06	0.67 (0.56–0.79)
98.5	1.40E-06	0.67 (0.56–0.79)
104	1.60E-06	0.67 (0.56–0.79)

79.5	1.70E-06	0.73 (0.65–0.83)
101.47	1.70E-06	0.67 (0.57–0.79)
102	1.80E-06	0.67 (0.57–0.79)
84.1	1.80E-06	0.73 (0.65–0.83)
99	1.80E-06	0.67 (0.56–0.79)
103	1.80E-06	0.67 (0.57–0.79)
80.03	1.90E-06	0.74 (0.65–0.84)
84	1.90E-06	0.74 (0.65–0.83)
95.07	2.00E-06	0.67 (0.57–0.79)
79	2.30E-06	0.73 (0.65–0.84)
85.65	2.30E-06	0.74 (0.65–0.84)
92.97	2.40E-06	0.67 (0.57–0.79)
103	2.50E-06	0.67 (0.57–0.79)
104	2.70E-06	0.67 (0.57–0.79)
84	2.70E-06	0.72 (0.65–0.8)
81.1	2.90E-06	0.74 (0.65–0.84)
80	2.90E-06	0.74 (0.65–0.84)
99	3.00E-06	0.67 (0.57–0.8)
98.5	3.00E-06	0.67 (0.57–0.8)
104	3.00E-06	0.68 (0.57–0.8)
98.5	3.10E-06	0.67 (0.57–0.8)
79.27	3.50E-06	0.74 (0.65–0.84)
99	3.50E-06	0.67 (0.57–0.8)
103	3.60E-06	0.68 (0.57–0.8)
93	3.60E-06	0.68 (0.57–0.8)
96.2	3.70E-06	0.67 (0.57–0.8)
78.5	3.80E-06	0.74 (0.65–0.84)
79.87	4.00E-06	0.74 (0.66–0.84)
98.5	4.00E-06	0.68 (0.57–0.8)
103	4.10E-06	0.68 (0.57–0.8)
79	4.10E-06	0.74 (0.65–0.84)
104	4.20E-06	0.68 (0.57–0.8)
104	4.20E-06	0.68 (0.57–0.8)
99.43	4.20E-06	0.68 (0.58–0.8)
92.97	4.30E-06	0.68 (0.57–0.8)
81.2	4.60E-06	0.74 (0.66–0.84)
78	4.80E-06	0.74 (0.65–0.84)
102	4.80E-06	0.68 (0.58–0.8)
104	4.80E-06	0.68 (0.58–0.8)
79	5.00E-06	0.74 (0.66–0.85)
107	5.00E-06	0.68 (0.58–0.8)
92.97	5.20E-06	0.68 (0.58–0.8)
79.54	5.20E-06	0.75 (0.66–0.85)
79.54	5.30E-06	0.74 (0.66–0.85)
81.1	5.30E-06	0.74 (0.66–0.85)
85	5.30E-06	0.75 (0.66–0.85)
85.65	5.70E-06	0.75 (0.66–0.85)
102	6.60E-06	0.69 (0.58–0.81)

101.47	6.80E-06	0.68 (0.58–0.81)
99	6.90E-06	0.68 (0.58–0.81)
99	7.10E-06	0.69 (0.58–0.81)
99.43	7.10E-06	0.68 (0.58–0.81)
98.5	7.20E-06	0.68 (0.58–0.81)
98.5	7.60E-06	0.68 (0.58–0.81)
79.54	7.60E-06	0.75 (0.66–0.85)
78.5	8.00E-06	0.75 (0.66–0.85)
93	8.00E-06	0.68 (0.58–0.81)
80.9	8.60E-06	0.75 (0.66–0.85)
79.54	9.10E-06	0.75 (0.66–0.85)
99	9.10E-06	0.69 (0.58–0.81)
81.2	9.20E-06	0.75 (0.66–0.85)
102	9.60E-06	0.69 (0.58–0.81)
79.54	9.70E-06	0.75 (0.66–0.85)
103	9.80E-06	0.69 (0.58–0.81)
80.9	1.00E-05	0.75 (0.66–0.85)
84	1.10E-05	0.75 (0.66–0.85)
79.87	1.10E-05	0.75 (0.66–0.86)
85	1.10E-05	0.75 (0.66–0.85)
79.5	1.20E-05	0.75 (0.66–0.86)
79	1.20E-05	0.75 (0.66–0.86)
78	1.30E-05	0.75 (0.66–0.86)
79	1.40E-05	0.75 (0.66–0.86)
75.73	1.40E-05	0.75 (0.66–0.85)
80.03	1.40E-05	0.76 (0.67–0.86)
80.9	1.40E-05	0.76 (0.67–0.86)
80.03	1.50E-05	0.76 (0.67–0.86)
80.03	1.50E-05	0.76 (0.67–0.86)
79.54	1.50E-05	0.76 (0.67–0.86)
79.5	1.60E-05	0.76 (0.66–0.86)
92.97	1.60E-05	0.69 (0.59–0.82)
101.47	1.60E-05	0.69 (0.59–0.82)
80.03	1.70E-05	0.76 (0.67–0.86)
79.54	1.70E-05	0.76 (0.67–0.86)
80.03	1.90E-05	0.76 (0.67–0.86)
79.27	1.90E-05	0.76 (0.67–0.86)
79	2.00E-05	0.76 (0.67–0.86)
104	2.10E-05	0.7 (0.59–0.83)
78.9	2.10E-05	0.76 (0.67–0.86)
81.1	2.10E-05	0.76 (0.67–0.86)
80.9	2.10E-05	0.76 (0.67–0.86)
80	2.10E-05	0.76 (0.67–0.86)
80.03	2.20E-05	0.76 (0.67–0.86)
78	2.30E-05	0.76 (0.67–0.86)
95.07	2.40E-05	0.7 (0.59–0.83)
99.43	2.50E-05	0.7 (0.59–0.83)
95.07	2.60E-05	0.7 (0.59–0.83)

96.2	2.60E-05	0.7 (0.59–0.83)
107	2.60E-05	0.7 (0.59–0.83)
76	2.70E-05	0.76 (0.67–0.87)
76.3	2.70E-05	0.76 (0.67–0.87)
79.5	2.70E-05	0.76 (0.67–0.87)
80.03	3.00E-05	0.76 (0.67–0.87)
108.97	3.00E-05	0.7 (0.59–0.83)
78.9	3.00E-05	0.76 (0.67–0.87)
102	3.20E-05	0.62 (0.53–0.73)
78	3.50E-05	0.77 (0.67–0.87)
96.2	3.60E-05	0.71 (0.6–0.83)
95.07	3.60E-05	0.7 (0.6–0.83)
96.2	3.80E-05	0.71 (0.6–0.83)
76	3.90E-05	0.77 (0.68–0.87)
88.7	3.90E-05	0.71 (0.6–0.83)
80.9	4.30E-05	0.77 (0.68–0.87)
104	4.30E-05	0.71 (0.6–0.84)
79.87	4.30E-05	0.77 (0.68–0.87)
78.9	4.90E-05	0.77 (0.68–0.87)
96.2	4.90E-05	0.71 (0.6–0.84)
99	4.90E-05	0.71 (0.6–0.84)
96.2	5.00E-05	0.71 (0.6–0.84)
79.5	5.10E-05	0.97 (0.86–1.1)
98.5	5.80E-05	0.71 (0.6–0.84)
103	5.90E-05	0.71 (0.6–0.84)
78	5.90E-05	0.77 (0.68–0.87)
79.5	6.20E-05	0.77 (0.68–0.88)
91	6.40E-05	0.71 (0.6–0.84)
98.5	6.50E-05	0.71 (0.61–0.84)
87.7	6.80E-05	0.77 (0.68–0.88)
101.47	6.80E-05	0.71 (0.6–0.84)
91	7.10E-05	0.71 (0.6–0.84)
99	7.20E-05	0.71 (0.6–0.84)
79	7.30E-05	0.77 (0.68–0.88)
79.54	7.40E-05	0.77 (0.68–0.88)
95.07	7.70E-05	0.72 (0.61–0.85)
92.97	7.70E-05	0.72 (0.61–0.85)
80	7.80E-05	0.78 (0.68–0.88)
79	7.80E-05	0.77 (0.68–0.88)
79.5	7.80E-05	0.77 (0.68–0.88)
78.5	7.90E-05	0.78 (0.68–0.88)
80.9	8.20E-05	0.78 (0.68–0.88)
81.2	8.60E-05	0.78 (0.68–0.88)
76	8.60E-05	0.78 (0.68–0.88)
81	8.70E-05	0.78 (0.68–0.88)
99.43	8.70E-05	0.72 (0.6–0.85)
76.3	8.70E-05	0.78 (0.68–0.88)
77.6	8.80E-05	0.78 (0.68–0.88)

80.9	8.80E-05	0.78 (0.68–0.88)
81.2	8.90E-05	0.78 (0.68–0.88)
80.03	9.00E-05	0.78 (0.68–0.88)
77.6	9.30E-05	0.77 (0.68–0.88)
80.03	9.60E-05	0.78 (0.69–0.88)
99.43	9.70E-05	0.72 (0.61–0.85)
99.43	1.00E-04	0.73 (0.61–0.86)
95	1.00E-04	0.73 (0.62–0.86)
78.5	1.00E-04	0.78 (0.69–0.89)
80.9	1.00E-04	0.78 (0.69–0.89)
102	1.00E-04	0.72 (0.61–0.85)
96.2	1.00E-04	0.73 (0.62–0.86)
103	1.00E-04	0.73 (0.62–0.86)
99	1.00E-04	0.66 (0.57–0.78)
78.5	1.00E-04	0.78 (0.7–0.87)
79.27	2.00E-04	0.78 (0.69–0.89)
79.5	2.00E-04	0.79 (0.69–0.89)
99	2.00E-04	0.73 (0.62–0.86)
78	2.00E-04	0.78 (0.69–0.89)
75.73	2.00E-04	0.79 (0.69–0.9)
80.9	2.00E-04	0.78 (0.69–0.89)
95.07	2.00E-04	0.79 (0.68–0.92)
78.5	2.00E-04	0.59 (0.53–0.66)
98.5	2.00E-04	0.89 (0.76–1.04)
79.27	3.00E-04	1.28 (1.13–1.45)
79.54	3.00E-04	0.79 (0.7–0.9)
98.5	3.00E-04	0.74 (0.62–0.87)
95	3.00E-04	0.74 (0.63–0.87)
79	3.00E-04	0.79 (0.7–0.9)
95.07	3.00E-04	0.74 (0.63–0.87)
95	3.00E-04	0.74 (0.62–0.87)
76	3.00E-04	0.79 (0.7–0.9)
77.6	3.00E-04	0.79 (0.69–0.9)
77.6	3.00E-04	0.79 (0.7–0.9)
99	3.00E-04	0.74 (0.62–0.87)
89	3.00E-04	0.67 (0.58–0.79)
92.63	3.00E-04	0.73 (0.63–0.86)
76	4.00E-04	0.8 (0.7–0.9)
78.5	4.00E-04	0.79 (0.7–0.9)
98.5	4.00E-04	0.74 (0.63–0.87)
78.9	4.00E-04	0.8 (0.7–0.9)
79.5	4.00E-04	0.95 (0.85–1.06)
79	4.00E-04	0.7 (0.62–0.78)
95.07	4.00E-04	0.74 (0.63–0.87)
96.2	5.00E-04	0.75 (0.63–0.88)
79	5.00E-04	0.87 (0.78–0.97)
78.9	6.00E-04	0.8 (0.71–0.91)
79.87	6.00E-04	0.8 (0.71–0.91)

95.07	6.00E-04	0.75 (0.63–0.88)
76	6.00E-04	0.78 (0.7–0.87)
78.5	6.00E-04	0.66 (0.59–0.74)
76	7.00E-04	0.8 (0.71–0.91)
98.5	7.00E-04	0.75 (0.64–0.89)
102	7.00E-04	0.75 (0.64–0.89)
80.03	8.00E-04	0.8 (0.71–0.91)
78	8.00E-04	0.8 (0.71–0.91)
91	8.00E-04	0.87 (0.75–1.02)
77.6	9.00E-04	0.81 (0.71–0.92)
99	9.00E-04	0.76 (0.64–0.89)
75.73	9.00E-04	0.81 (0.71–0.92)
92.63	9.00E-04	0.76 (0.64–0.89)
95.5	<1E-16	0.68 (0.6–0.75)
127	<1E-16	0.57 (0.49–0.67)
91	<1E-16	0.53 (0.47–0.59)
117.33	<1E-16	0.72 (0.62–0.84)
125	<1E-16	0.64 (0.54–0.75)
125	<1E-16	0.65 (0.55–0.76)
95	<1E-16	0.69 (0.62–0.77)
124	<1E-16	0.96 (0.82–1.12)
124	<1E-16	0.73 (0.62–0.85)
134	<1E-16	0.65 (0.56–0.77)
124	<1E-16	0.65 (0.56–0.76)
92.97	<1E-16	0.79 (0.71–0.88)
125	<1E-16	0.66 (0.56–0.77)
95.5	<1E-16	0.68 (0.6–0.75)
127	<1E-16	0.57 (0.49–0.67)
91	<1E-16	0.53 (0.47–0.59)
117.33	<1E-16	0.72 (0.62–0.84)
125	<1E-16	0.64 (0.54–0.75)
125	<1E-16	0.65 (0.55–0.76)
95	<1E-16	0.69 (0.62–0.77)
124	<1E-16	0.96 (0.82–1.12)
124	<1E-16	0.73 (0.62–0.85)
134	<1E-16	0.65 (0.56–0.77)
124	<1E-16	0.65 (0.56–0.76)
92.97	<1E-16	0.79 (0.71–0.88)