

Supplementary Material I. Genes and chemicals related to prostate cancer

1. 309 genes related to prostate cancer

ACPP
ADRA1A
AGR2
ALCAM
ALDH1A2
ALKBH3
ALPHA
AMACR
ANP32C
ANXA1
ANXA7
APA
APAF1
APT1
AR
ARHGEF26
ASRGL1
AXL
BAGE
BCLAF1
BECN1
BEND4
BIN1
BMP10
BMP-2
BMP4
BNIP3L
BRCA1
BRCA2
CACNA1G
CADM4
CAND1
CARM1
CAV1
CBS
CD59
CDK4
CDKN1A
CDKN2A
CEACAM1
CEBPA

CELL
CEP192
CERS2
CHEK2
CHK2
CLNS1A
CLU
CMTM5
COL18A1
COX-1
CREB3L4
CRP1
CSTA
CTNNA1
CTNND1
CTPS1
CTTN
CYP24
DAB2
DAB2IP
DAO
DBP
DCC
DKC1
DLC1
DMBT1
DNMT1
DPH1
DSC1
EAF2
EBAG9
EDNRB
EEF1B2
EEF1D
EGFR
EHBP1
EHF
EIF2AK2
EIF4EBP1
EIF5B
ELAC2
EPHA2
EPHB2
FBXO25

FGF10
FGF2
FGF3
FGF8
FLT-1
FOLH1
FOXO1
FOXP3
FRYL
FSHR
FZD1
G3BP1
GAMMA
GAPDH
GAS5
GAS6
GBX1
GBX2
GGNBP2
GGT
GHR
GHRH
GLI2
GLIPR1
GPX1
GPX3
GREB1
GSTT1
H19
H2AFV
HDAC1
HDGF
HIC1
HK2
HLA-A
HMGA2
HN1
HNF1B
HNRNPA3
HNRNPU
HPC2
HSP27
HSP60
HTATIP2

HTR
IGF2R
IGFBP-3
IL24
INHA
INT2
INT-2
IRS-1
ITGA7
JAK1
JAK2
JDP2
JTB
KCNRG
KGF
KLF5
KLF6
KLK10
KLK4
LATS2
LEU
LGALS8
LHR
LIPASE
LITAF
LPL
LRRC26
LZTS1
MAGED2
MAP1B
MAP3K7CL
MAP4
MBP
MCL-1
MCM2
MCM3
MEG3
MFAP1
MGP
MIR1-1
MIR15A
MIR193B
MIR449A
MRP-1

MRP3
MSMB
MSR1
MTHFD1
MX1
MXI1
MYH9
NCL
NCOA4
NDRG1
NF1
NF2
NGFR
NKX3-1
NOP56
NSD1
NUCKS1
OAS3
P120
P21
P450
P51
PARM1
PASP
PAX6
PBOV1
PCAP
PCDH11Y
PCGF2
PCOTH
PDAP1
PDLIM4
PEBP1
PERP
PFKL
PGRMC1
PHB
PHLPP1
PIK3C2G
PIN
PLA2
PLK-1
PML
PPP2CB

PPP3CC
PRAME
PRDM2
PRKAR2A
PSA
PSCA
PSMA
PSMA3
PSPH
PTEN
PTENP1
PTGES3
PTPRJ
PWP1
RAGE
RALY
RASL11A
RASSF1
RB1
RB2
RDH11
RGS3
RNASEL
RND3
RNF113A
RPL10
RPL28
RYK
S100A2
SCFD1
SEC14L2
SERPINB5
SHH
SKP2
SLC39A1
SLC43A1
SLC45A3
SLC5A8
SMAD4
SMAD6
SMAD7
SMN1
SNORD50A
SOX7

SPDEF
SPRY2
SSTR1
SSTR2
SSTR5
ST13
ST7
STAT3
STEAP4
STK39
SUFU
SULF1
TAOK2
TBP
TCHP
TFPI2
TFRC
TGFA
TGFBR1
TIMP-1
TIMP-2
TMEFF2
TMPO
TNF
TNKS1BP1
TOP2B
TP53
TP63
TRH
TRPM8
TRPV1
TRPV6
TSC1
TYK2
UFO
UGT
USP10
USP2
VIP
VWF
WNK1
WNT5A
WT1
WWOX

XPC
YBX1
ZFHX3
ZFPM1

2. 106 chemicals related to prostate cancer

CID000000299
CID000000727
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CID005359596
CID011020241