

Supplemental Table 2: Genes associated with Brk ChIP peaks

A2bp1
A3-3
ab
abd-A
Abd-B
AcCoAS
Acon
Act5C
Adf1
Adk3
Ady43A
Aef1
ago
AGO1
akirin
al
alc
Ald
Alh
alien
ALiX
alpha-Adaptin
alpha-Man-I
alt
Amph
Amun
Ance-3
Ank2
AnnIX
AnnX
Antp
aop
ap
AP-1gamma
AP-2
AP-47
Apc
aPKC
app
APP-BP1
Aps
ara
arr
Art1
Art4
aru
ASPP
Asx
Atg13
Atg2
atl

ato
Atox1
ATP7
Atpalpha
ATPsyn-d
aur
Awh
axo
B4
B52
bab2
baf
Bap60
baz
bbg
BBS8
beat-Ib
ben
Best2
beta-Spec
betaTub56D
B-H1
B-H2
bi
bib
bin3
bip1
bl
Blimp-1
blot
blow
blue
bocksbeutel
boi
bon
bou
bowl
br
brat
brk
bs
bsf
Bsg
Btk29A
btn
btsz
btz
bun
bves
Bx
c11.1
C15
cact

cad
Cad74A
Cad87A
Cad96Ca
Cad99C
CalpA
calypso
cana
CAP
Cap-H2
caps
capt
capu
caup
CBP
cbt
Cct5
CDase
cdc2c
Cdc42
cdi
ced-6
cenG1A
cg
CG10006
CG10026
CG10082
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CG1021
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chic
chinmo
chm
chn
Chro
Cht7
cib
Cirl
Cka
ckd
CkIalpha
CkIIbeta
Cks85A
Clc

CLIP-190
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cnc
cno
comm
comt
conv
cora
corto
Cp1
Cp190
cpo
Cpr
Cpr62Ba
Cpsf160
Cpsf73
CrebA
croc
crol
crp
Csk
CSN8
CstF-64
ct
CtBP
cu
Cul-3
Cul-5
cv-2
CycB
CycE
CycG
Cyp1
Cyp28d2
Cyp6a22
Cyp6d5
Cyt-c-d
Cyt-c-p
d
D
D19A
D19B
DAAM
dac
Dad
dally
dan
danr
dbe
dco
Dcr-2
debcl
Def

Dek
Der-1
desat1
Df31
Dfd
Dhc98D
Dip2
DIP2
disco
disco-r
DI
dlg1
DII
dlp
DLP
dm
dmrt99B
DnaJ-1
dnr1
dnt
Doc1
Doc2
Doc3
dp
Dp
Dpit47
dpn
dpp
DppIII
dpr2
Dr
Dredd
drm
drpr
ds
Dscam
Dsp1
dsx
Duox
dve
dy
dys
Dys
E23
E2f
E5
ebi
E(bx)
ec
EcR
ed
Edem1
Edem2

Edg78E
Ef1alpha48D
Ef2b
eff
eg
Egfr
eIF3-S9
eIF-4a
eIF-4E
Eip63E
Eip74EF
Eip75B
Eip78C
eIB
Elongin-B
Elp1
emc
ems
en
EndoGI
Ent1
ERp60
esg
esn
Esy2
Ets21C
ex
exba
exex
Exn
e(y)3
eya
eyg
Fas1
fax
fbp
fd68A
fd96Ca
fd96Cb
Fdxh
Fem-1
Fen1
Fer1HCH
Fer2LCH
ferrochelatase
Fhos
Fili
Fim
Fkbp13
fkh
flfl
Flo-2
fng

fok
for
foxo
Fps85D
fra
frj
fru
Fs
fs(1)h
Fsn
ft
ftz-f1
Fur1
Fur2
fus
fw
fwd
fz
fz2
fz3
fzr2
g
Gadd45
galectin
gammaSnap
Gap1
gcm
gcm2
Gdh
Gdi
Gef26
gem
Gga
Gint3
gish
gk
gl
glec
GluRIIE
Glycogenin
GNBP3
Gos28
Got2
gpp
Gr97a
granny-smith
grh
grn
gro
growl
grp
gry
gsb

gsb-n
Gsc
GstD1
GstS1
GV1
Gyc76C
H15
H2.0
ham
hdc
Hel89B
heph
Herp
Hex-A
HGTX
hh
hipk
His4r
hiw
HLHmbeta
HLHmdelta
HmgD
HmgZ
Hnf4
hoip
Hph
HPS4
Hr39
Hr46
Hrb87F
Hrb98DE
Hs2st
Hs6st
Hsc70Cb
Hsp22
Hsp23
Hsp26
Hsp67Ba
Hsp67Bb
Hsp67Bc
Hsp68
HspB8
hth
hts
Hus1-like
Ide
Idgf4
if
IM18
Imp
ImpE2
ImpE3
ImpL2

Ino80
Inos
InR
inv
Invadolysin
inx2
inx7
IP3K1
Ir
Ir94h
Ire1
itp
Itp-r83A
jagn
janA
janB
jdp
jigr1
jim
jing
jumu
kal-1
Kap-alpha1
katanin-60
kay
KCNQ
kek5
ken
kermit
kibra
kirre
kis
kkv
klar
Klp64D
Klp98A
klu
kn
kni
knrl
ko
koko
KP78a
KP78b
Kr-h1
KrT95D
kst
Kul
kuz
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I(1)G0136
I(1)G0144
I(1)G0222

I(1)G0232
I(2)05510
I(2)k01209
I(2)k16918
I(3)02640
I(3)03670
I(3)07882
I(3)82Fd
I(3)L1231
I(3)mbt
I(3)neo38
La
lab
laf
LanA
Lap1
Lar
lbe
lbi
lea
Lerp
lig
Lim1
Lis-1
Lk6
lmg
Lmpt
lola
lolal
LpR1
LpR2
Lrt
Lsd-2
luna
lz
m2
mab-21
Madm
magu
malpha
mam
mamo
Map205
Mapmodulin
mask
mbc
MBD-like
Mcm5
Mcr
Mdh
Mdr49
Med
MED6

MED7
Mef2
Meics
mei-W68
Mekk1
MEP-1
MESK4
MESR3
mew
mey
mfas
Mi-2
mid
mip130
miple2
mirr
Mkk4
Mkp3
mld
Mms19
mnb
Mob2
modSP
Moe
mop
mor
mrj
mRpL2
mRpL21
mRpL27
mRpL53
mRpS16
mRpS23
mrt
ms(3)K81
msb1l
msi
Msp-300
Msr-110
Mst36Fa
Mst85C
MTA1-like
mtacp1
MTF-1
mth
mth1
mth14
mth15
mts
mTTF
Mur2B
mus101
mus308

muskelin
muted
Mvl
Myd88
Myo31DF
Myo61F
N
Naam
nab
nAcRalpha-7E
nAcRalpha-80B
nahoda
Nc
NC2alpha
Ncc69
neb
nej
nero
NetB
Neu3
neur
NK7.1
nkd
Nmdar1
Nmdmc
nmo
Nnf1a
Noa36
noc
nord
Not1
Notum
Npc2a
Nrt
nrv2
Nrx-IV
ns2
Ntf-2
nub
nudE
nuf
Nup153
Nup44A
Nup50
Nup98
Oatp74D
Oaz
obst-A
obst-B
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ocn
Oda
odd

OdsH
ogre
olf413
omd
ome
opa
Optix
orb2
os
osa
Osi2
otk
otp
out
oxt
P58IPK
pAbp
Paip2
par-1
Past1
pb
pbl
Pcd
Pcf11
pcs
Pde11
pdm2
pdm3
Pdp1
pds5
peb
pelo
Pep
Pepck
pex13
Pez
Pfk
Pgm
ph-d
PHGPx
PhKgamma
phm
ph-p
phr6-4
Pi3K21B
pic
pigs
Pino
Pk61C
pkaap
Pka-C1
Pka-R2
PKD

Pkn
Pld
Pli
pnr
pnt
pnut
PNUTS
polo
POSH
pot
Poxm
Poxn
Pp2A-29B
ppa
PpD3
ppk
Ppn
PQBP-1
pr
prd
PRL-1
prod
pros
Prosap
pr-set7
prtp
ps
Psc
Psf1
psq
PSR
ptc
Ptp61F
Ptp99A
Ptpmeg
Ptr
Ptx1
pum
put
px
pxb
Pxt
pyd
pyx
qm
r2d2
Rab11
Rab23
Rab7
Rab8
Rac1
Rac2
Rack1

Rala
Ranbp16
RanBPM
RanGap
Rapgap1
Ravus
Rb97D
Rbcn-3A
Rbcn-3B
Rbf
Rcd2
rdx
rept
retm
retn
rgn
Rh4
rho
RhoBTB
RhoGAP100F
RhoGAP92B
RhoGAP93B
RhoGEF2
RhoL
rib
rn
ro
robo
Roc2
rols
rost
Rox8
Rpb8
RpI135
rpk
RpL13A
RpL22
RpL23
RpL26
RpL27A
RpL28
RpL32
RpL36
RpL37A
RpL4
RpL5
RpLP1
Rpn5
Rpp30
rpr
RpS10b
RpS13
RpS16

RpS17
Rpt3
rt
rtGEF
Rtnl1
rumi
rux
Rx
S
S6k
Sac1
salm
salr
sals
Samuel
sas
sbb
sca
scaf
scb
schlank
Scr
scrib
scyl
sd
sda
SdhC
sdk
sdt
sea
sec23
Sec61alpha
sec8
SelD
Sema-1a
Sema-1b
Sema-5c
sens-2
Ser
serp
SF1
Sfmbt
sgg
sgl
Sh3beta
shep
shf
shn
Shroom
sick
sim
sima
simj

Sin3A
skd
SKIP
slgA
sli
slmb
slow
slp1
slp2
sm
smg
SmG
sn
snama
Snap24
SNF4Agamma
snky
Snoo
snz
so
sob
sowah
Sox100B
Sox14
Sox15
Sox21b
SoxN
Sp1
SP1173
Spargel
Spase22-23
Spc25
Spec2
spen
spi
spin
Spn
Spn43Aa
Spn5
SPoCk
spri
spt4
Spt6
Spx
sqz
sr
Src42A
srp
Srp14
Srp19
Sry-beta
ss
Ssdp

Ssl1
ssp2
ssp3
ssp4
SsRbeta
stan
stc
stg
sti
stwl
Surf4
Surf6
su(s)
Su(Tpl)
Su(var)3-7
Su(z)2
svp
sw
Sxl
Sym
Syn
T48
tacc
Taf7
Tango1
Tango13
Tango14
Tango5
Tango7
tara
TBPH
Tctp
Ten-m
TepIII
TepIV
TER94
tey
TfIIS
th
thr
tin
tinc
tio
Tis11
tkv
tlk
Tm1
tmod
tna
toc
toe
tok
Toll-7

tomosyn
Top2
Topors
tou
TppII
Tpr2
tra2
Traf4
tral
Treh
Trf2
Trf4-1
trh
Trim9
trio
Trl
trn
trol
trx
Trx-2
Try29F
Tsf2
tsh
Tsp42Ed
Tsp42Ee
Tsp74F
tsr
ttk
tud
tun
tup
tutl
twe
twi
twS
UbcD4
Ubp64E
Ubx
Ufd1-like
Ugt58Fa
uif
unc-4
unc-5
unpg
ush
vap
Vap-33-1
vari
vas
verm
vfl
vg
Vha100-2

Vha16
vimar
Vinc
vir-1
vn
Vps33B
vri
Vsx1
Vsx2
vvl
w
W
wac
wdp
wech
wg
wgn
wit
Wnt10
Wnt2
Wnt5
wor
Wsck
xmas-2
Xrp1
yemalpha
yu
Zasp52
zf30C
zfh1