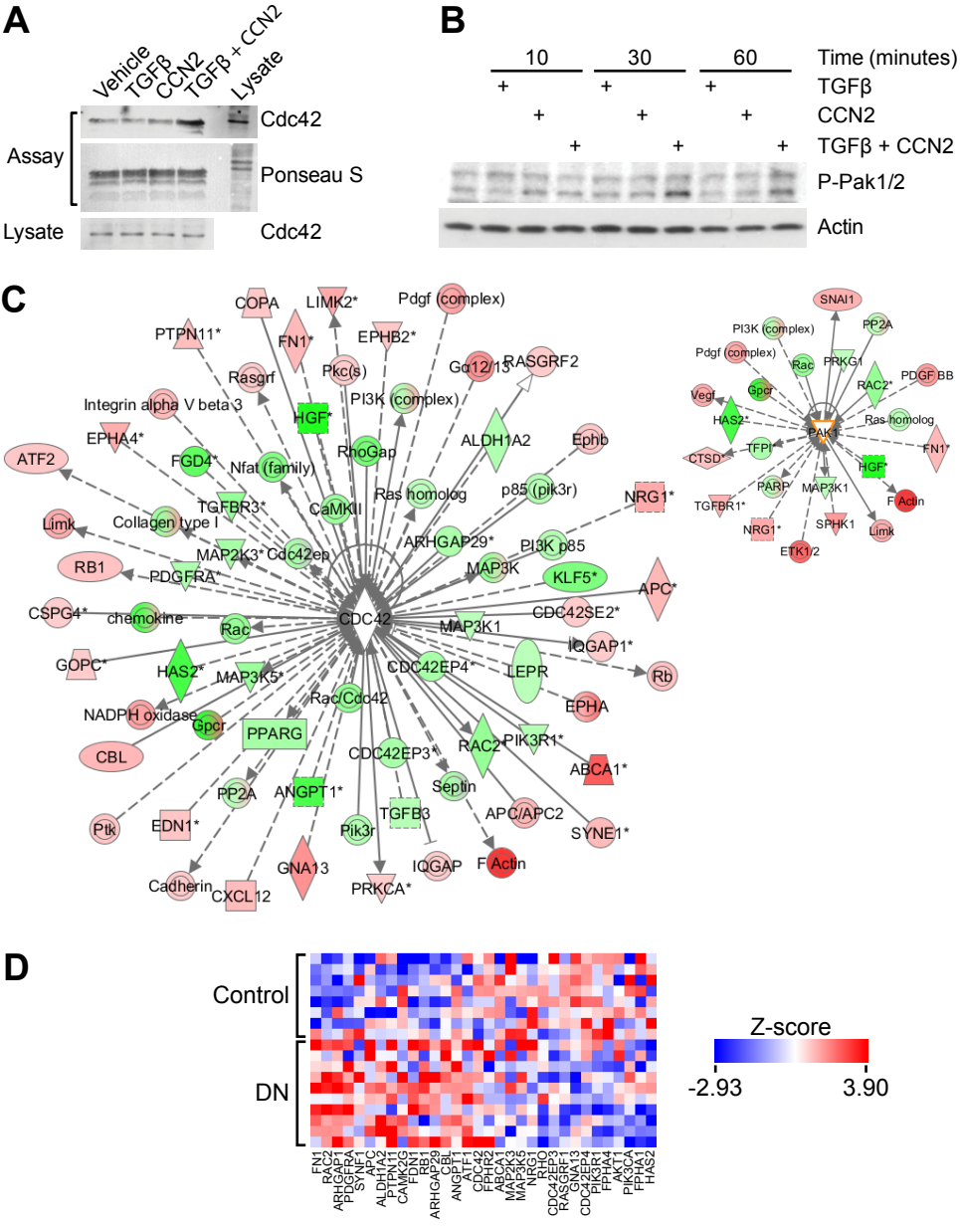
Figure 6


A
Vehicle
TGFβ
CCN2
TGFβ + CCN2
Lysate
Assay
Cdc42
Ponseau S
Lysate
Cdc42
B
10
30
60
Time (minutes)
TGFβ
CCN2
TGFβ + CCN2
P-Pak1/2
Actin
C
COPA
LIMK2*
Pdgf (complex)
PTPN11*
FN1*
EPHB2*
Rasgrf
Pkc(s)
Gα12/13
RASGRF2
Integrin alpha V beta 3
PI3K (complex)
HGF*
EPHA4*
ALDH1A2
Ephb
ATF2
FGD4*
Nfat (family)
RhoGap
TGFBR3*
CaMKII
Ras homolog
p85 (pik3r)
NRG1*
Limk
Collagen type I
ARHGAP29*
PI3K p85
MAP2K3*
Cdc42ep
MAP3K
RB1
PDGFRA*
KLF5*
APC*
CSPG4*
chemokine
Rac
CDC42
MAP3K1
CDC42SE2*
IQGAP1*
GOPC*
HAS2*
MAP3K5*
CDC42EP4*
LEPR
Rb
Rac/Cdc42
EPHA
NADPH oxidase
Gpcr
PPARG
RAC2
PIK3R1*
CBL
CDC42EP3*
ABCA1*
PP2A
ANGPT1*
Septin
TGFB3
APC/APC2
Ptk
EDN1*
Pik3r
SYNE1*
GNA13
IQGAP
F Actin
Cadherin
CXCL12
PRKCA*
SNAI1
PI3K (complex)
PP2A
Pdgf (complex)
Rac
PRKG1
PDGF BB
RAC2*
Vegf
Gpcr
HAS2*
Ras homolog
PAK
CTSD
TFPI
FN1*
HGF*
PARP
MAP3K1
F Actin
TGFBR1*
NRG1*
SPHK1
Limk
ETK1/2
D
Control
DN
Z-score
-2.93
3.90
FN1
RAC2
ARHGAP1
PDGFRA
SYNF1
APOC
AAK1
ALDH1A2
PTPN11
CAMK2G
EDN1
PPP2B
ARHGAP29
CBL
ANGPT1
ACTG1
CDC42
FPHR2
ABCA1
MAP2K3
MAP3K5
NRG1
RHO
CDC42EP3
RASGRF1
GNA13
CDC42EP4
PIK3R1
FKBP4
AKT1
PIK3CA
FPHA1
HAS2