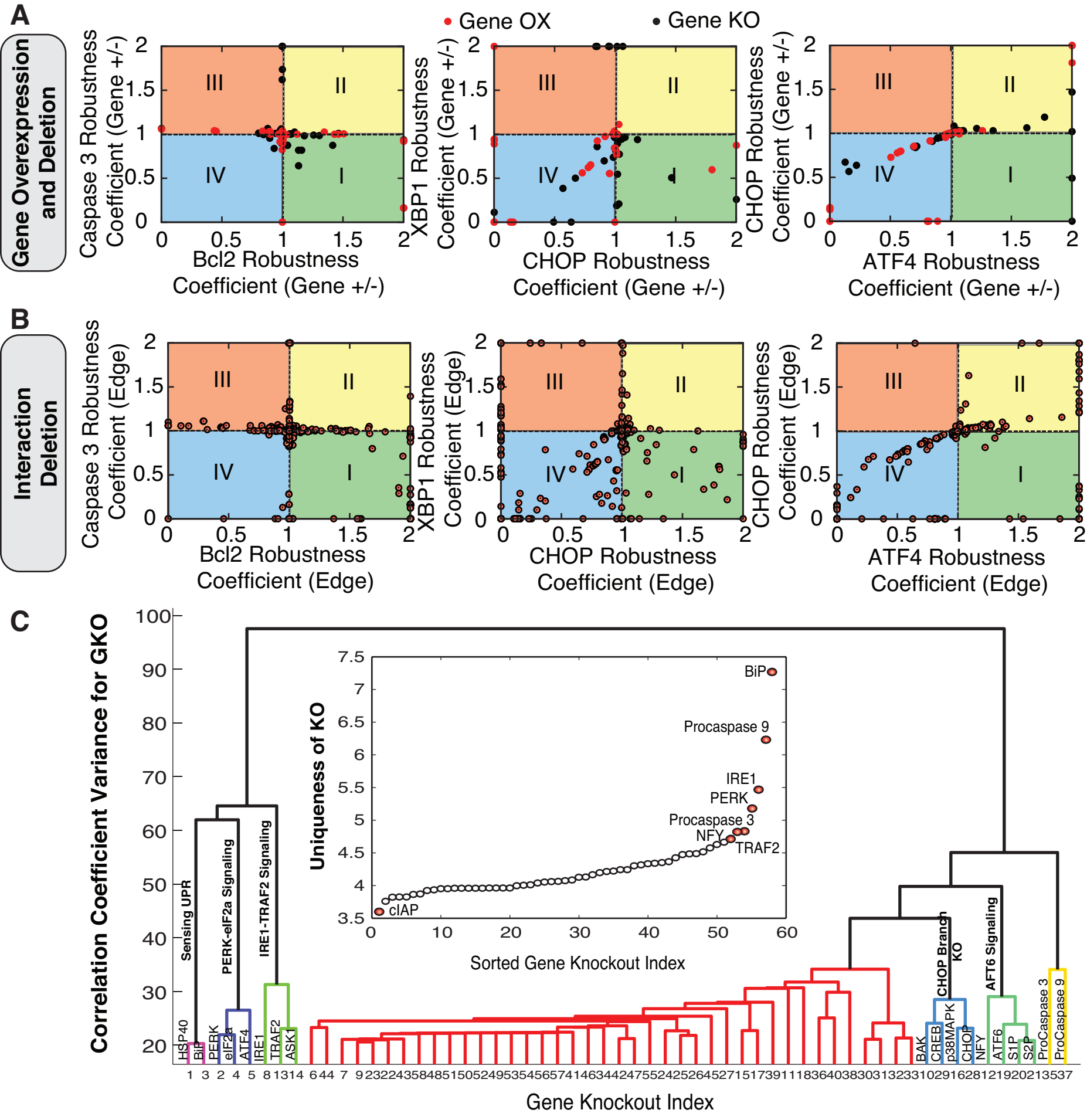
A
Gene Overexpression and Deletion
Gene OX
Gene KO
Caspase 3 Robustness Coefficient (Gene +/-)
Bcl2 Robustness Coefficient (Gene +/-)
XBP1 Robustness Coefficient (Gene +/-)
CHOP Robustness Coefficient (Gene +/-)
CHOP Robustness Coefficient (Gene +/-)
ATF4 Robustness Coefficient (Gene +/-)
I
II
III
IV
B
Interaction Deletion
Caspase 3 Robustness Coefficient (Edge)
Bcl2 Robustness Coefficient (Edge)
XBP1 Robustness Coefficient (Edge)
CHOP Robustness Coefficient (Edge)
CHOP Robustness Coefficient (Edge)
ATF4 Robustness Coefficient (Edge)
C
Correlation Coefficient Variance for GKO
Sensing UPR
PERK-eIF2a Signaling
IRE1-TRAF2 Signaling
CHOP Branch KO
AFT6 Signaling
HSP40
BiP
PERK
eIF2a
ATF4
IRE1
TRAF2
ASK1
BAK
CREB
p38MAPK
CHOP
NFY
ATF6
S1P
S2P
ProCaspase 3
ProCaspase 9
Uniqueness of KO
BiP
Procaspase 9
IRE1
PERK
Procaspase 3
NFY
TRAF2
cIAP
Sorted Gene Knockout Index
Gene Knockout Index