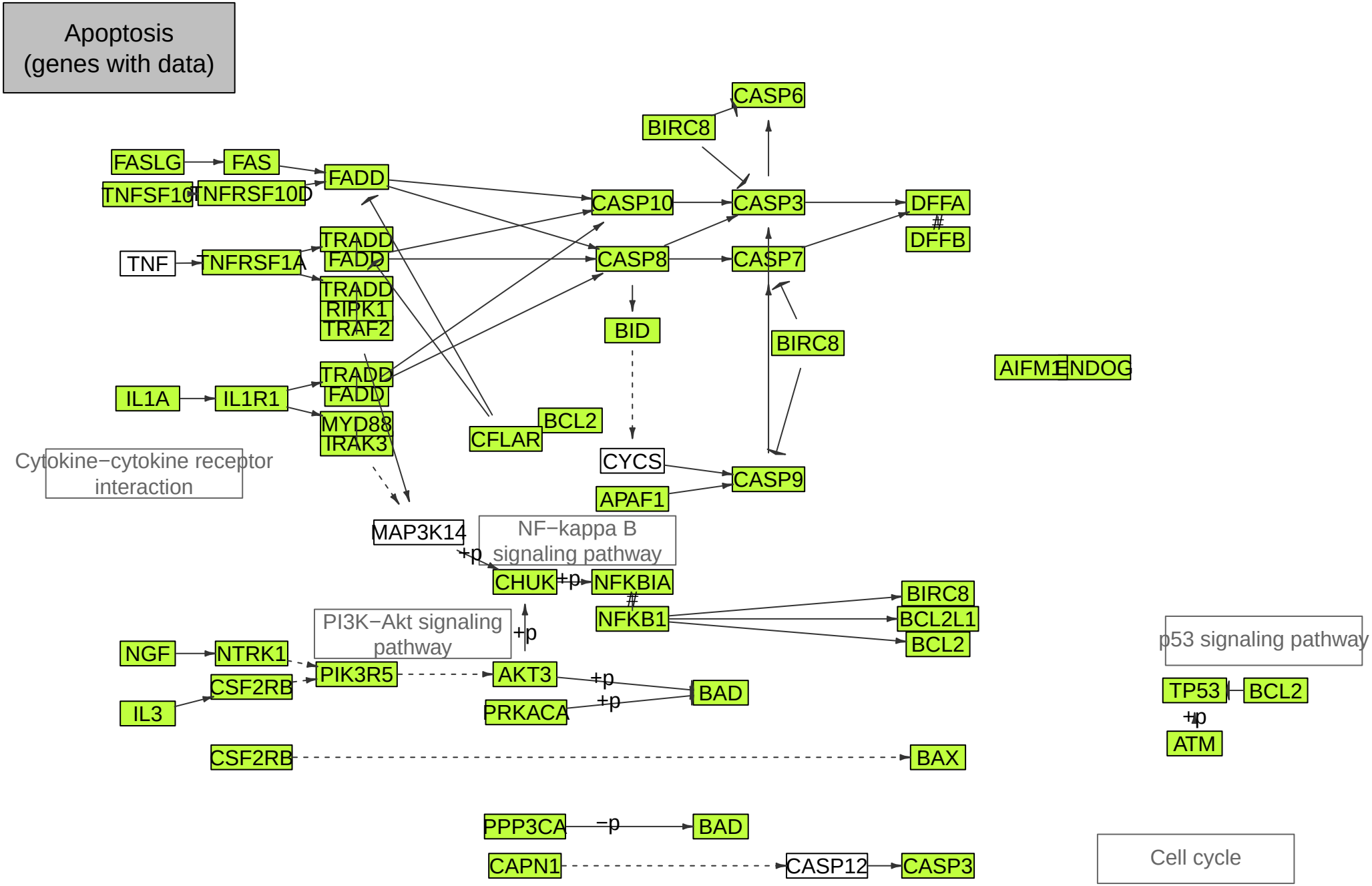
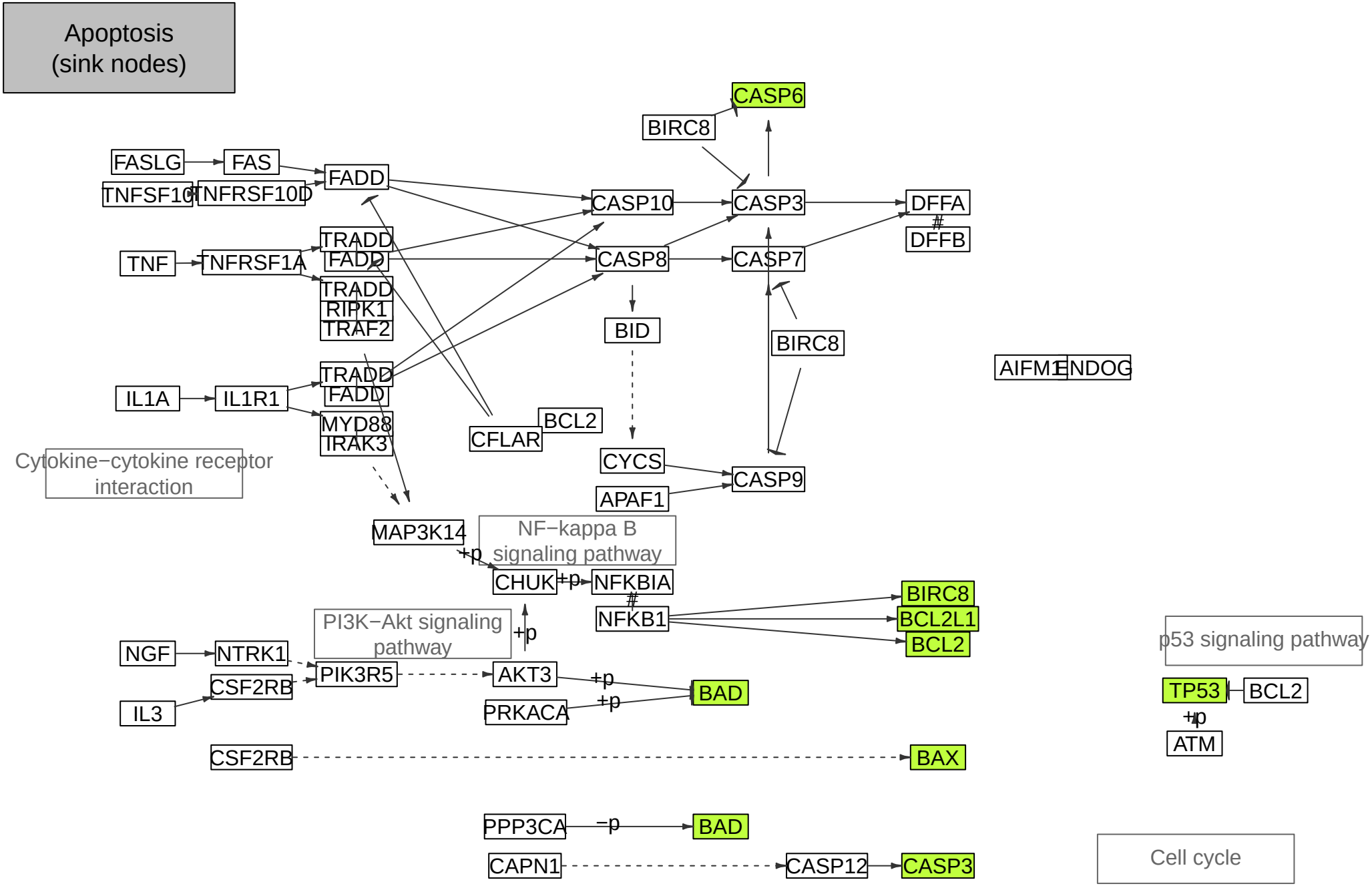

Apoptosis
(genes with data)
CASP6
BIRC8
FASLG
FAS
FADD
TNFSF10
TNFRSF10D
CASP10
CASP3
DFFA
#
DFFB
TRADD
TNF
TNFRSF1A
FADD
CASP8
CASP7
TRADD
RIPK1
TRAF2
BID
BIRC8
AIFM1
ENDOG
TRADD
IL1A
IL1R1
FADD
MYD88
IRAK3
CFLAR
BCL2
Cytokine−cytokine receptor interaction
CYCS
CASP9
APAF1
MAP3K14
NF−kappa B signaling pathway
+p
CHUK
+p
NFKBIA
#
BIRC8
NFKB1
BCL2L1
BCL2
PI3K−Akt signaling pathway
+p
p53 signaling pathway
NGF
NTRK1
PIK3R5
AKT3
+p
BAD
TP53
BCL2
CSF2RB
+p
IL3
PRKACA
+p
ATM
CSF2RB
BAX
PPP3CA
−p
BAD
CAPN1
CASP12
CASP3
Cell cycle


Apoptosis
(sink nodes)
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BIRC8
FASLG
FAS
FADD
TNFSF10
TNFRSF10D
CASP10
CASP3
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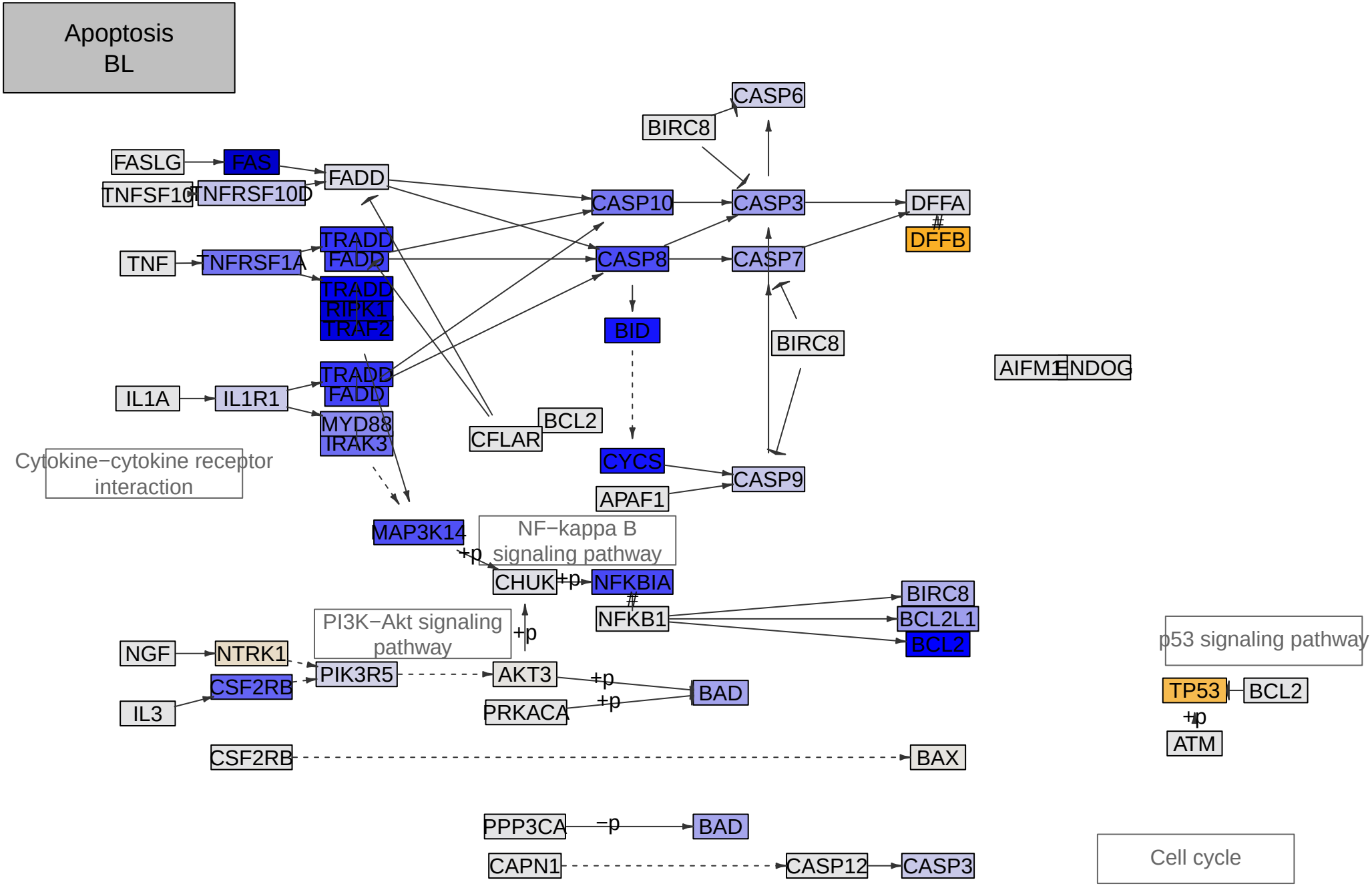
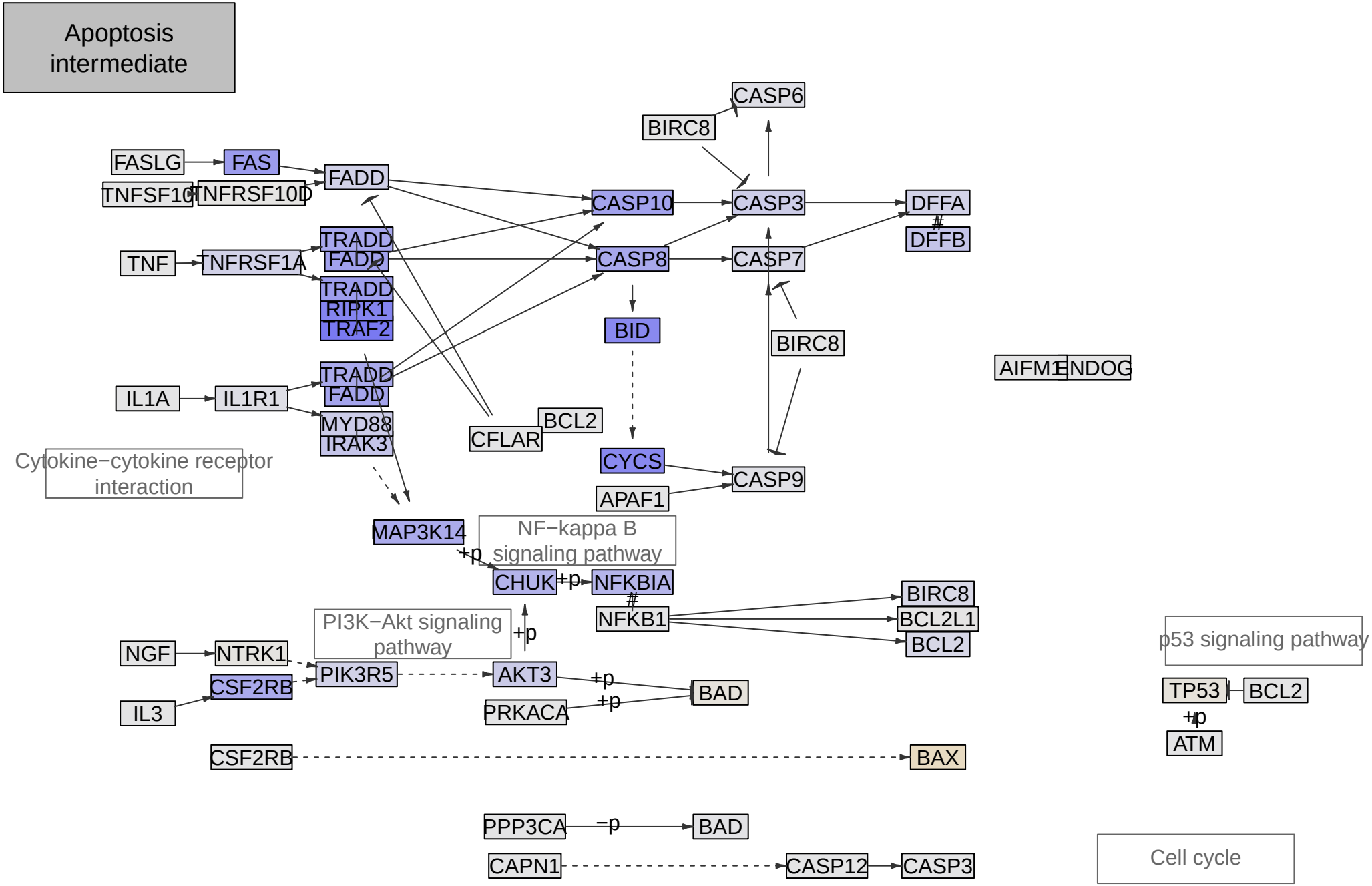
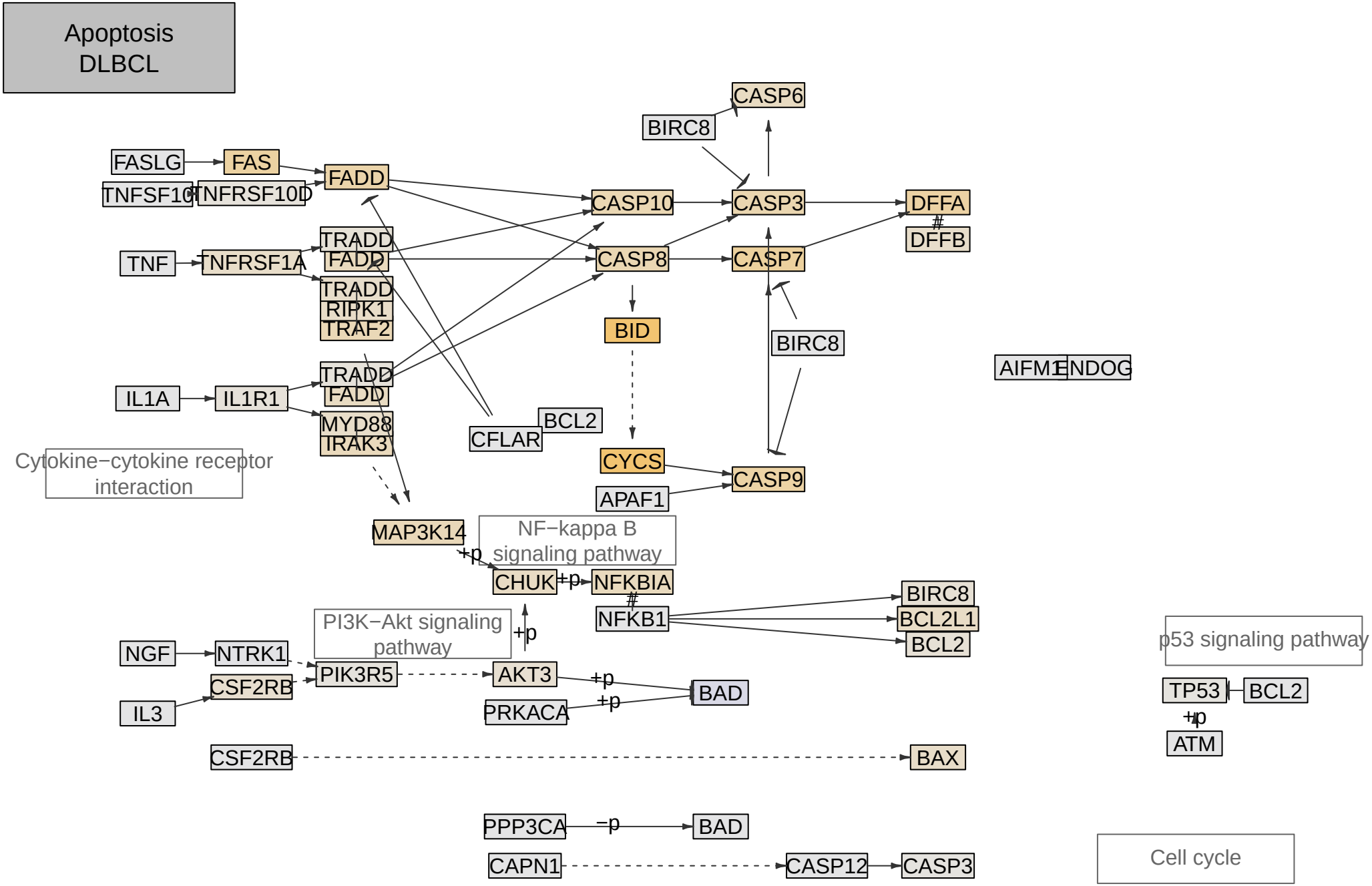
#
DFFB
TRADD
FADD
TNF
TNFRSF1A
CASP8
CASP7
TRADD
RIPK1
TRAF2
BID
BIRC8
AIFM1
ENDOG
TRADD
FADD
IL1A
IL1R1
MYD88
IRAK3
CFLAR
BCL2
Cytokine−cytokine receptor interaction
CYCS
CASP9
APAF1
MAP3K14
NF−kappa B signaling pathway
+p
CHUK
+p
NFKBIA
#
NFKB1
BIRC8
BCL2L1
BCL2
PI3K−Akt signaling pathway
+p
p53 signaling pathway
NGF
NTRK1
PIK3R5
AKT3
+p
BAD
TP53
BCL2
CSF2RB
+p
IL3
PRKACA
ATM
CSF2RB
BAX
PPP3CA
−p
BAD
CAPN1
CASP12
CASP3
Cell cycle


Apoptosis
BL
CASP6
BIRC8
FASLG
FAS
FADD
TNFSF10
TNFRSF10D
CASP10
CASP3
DFFA
#
DFFB
TNF
TNFRSF1A
TRADD
FADD
CASP8
CASP7
TRADD
RIPK1
TRAF2
BID
BIRC8
AIFM1
ENDOG
IL1A
IL1R1
TRADD
FADD
MYD88
IRAK3
CFLAR
BCL2
Cytokine−cytokine receptor interaction
CYCS
CASP9
APAF1
MAP3K14
NF−kappa B signaling pathway
+p
CHUK
+p
NFKBIA
#
BIRC8
NFKB1
BCL2L1
BCL2
PI3K−Akt signaling pathway
+p
p53 signaling pathway
NGF
NTRK1
PIK3R5
AKT3
+p
BAD
TP53
BCL2
CSF2RB
+p
IL3
PRKACA
ATM
CSF2RB
BAX
PPP3CA
−p
BAD
Cell cycle
CAPN1
CASP12
CASP3


Apoptosis intermediate
CASP6
BIRC8
FASLG
FAS
FADD
TNFSF10
TNFRSF10D
CASP10
CASP3
DFFA
#
DFFB
TRADD
FADD
TNF
TNFRSF1A
CASP8
CASP7
TRADD
RIPK1
TRAF2
BID
BIRC8
AIFM1
ENDOG
TRADD
FADD
IL1A
IL1R1
MYD88
IRAK3
CFLAR
BCL2
Cytokine−cytokine receptor interaction
CYCS
CASP9
APAF1
MAP3K14
NF−kappa B signaling pathway
+p
CHUK
+p
NFKBIA
#
BIRC8
NFKB1
BCL2L1
BCL2
PI3K−Akt signaling pathway
+p
p53 signaling pathway
NGF
NTRK1
PIK3R5
AKT3
+p
BAD
CSF2RB
+p
TP53
BCL2
IL3
PRKACA
+p
ATM
CSF2RB
BAX
PPP3CA
−p
BAD
CAPN1
CASP12
CASP3
Cell cycle


Apoptosis
DLBCL
CASP6
BIRC8
FASLG
FAS
FADD
TNFSF10
TNFRSF10D
CASP10
CASP3
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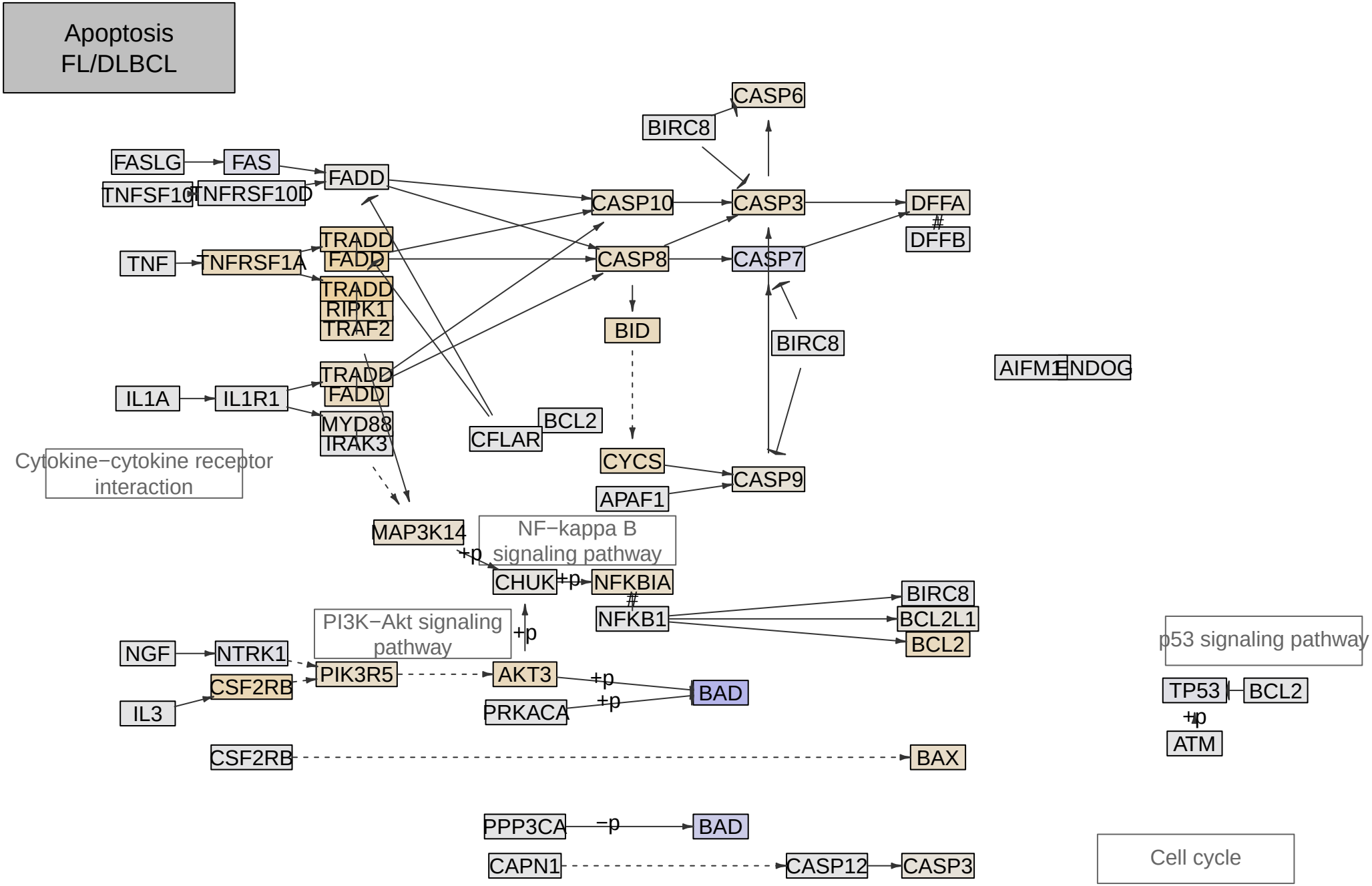
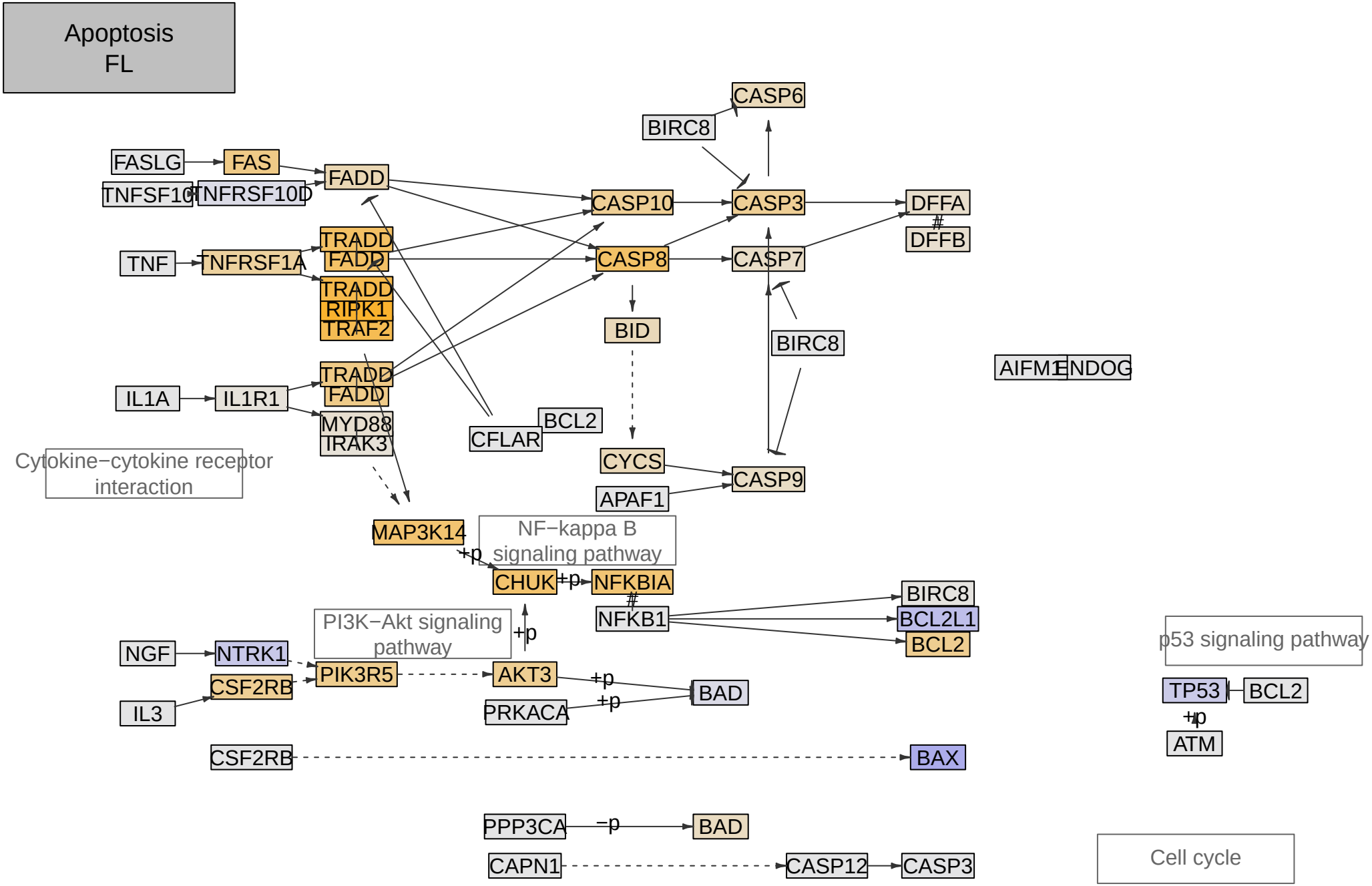
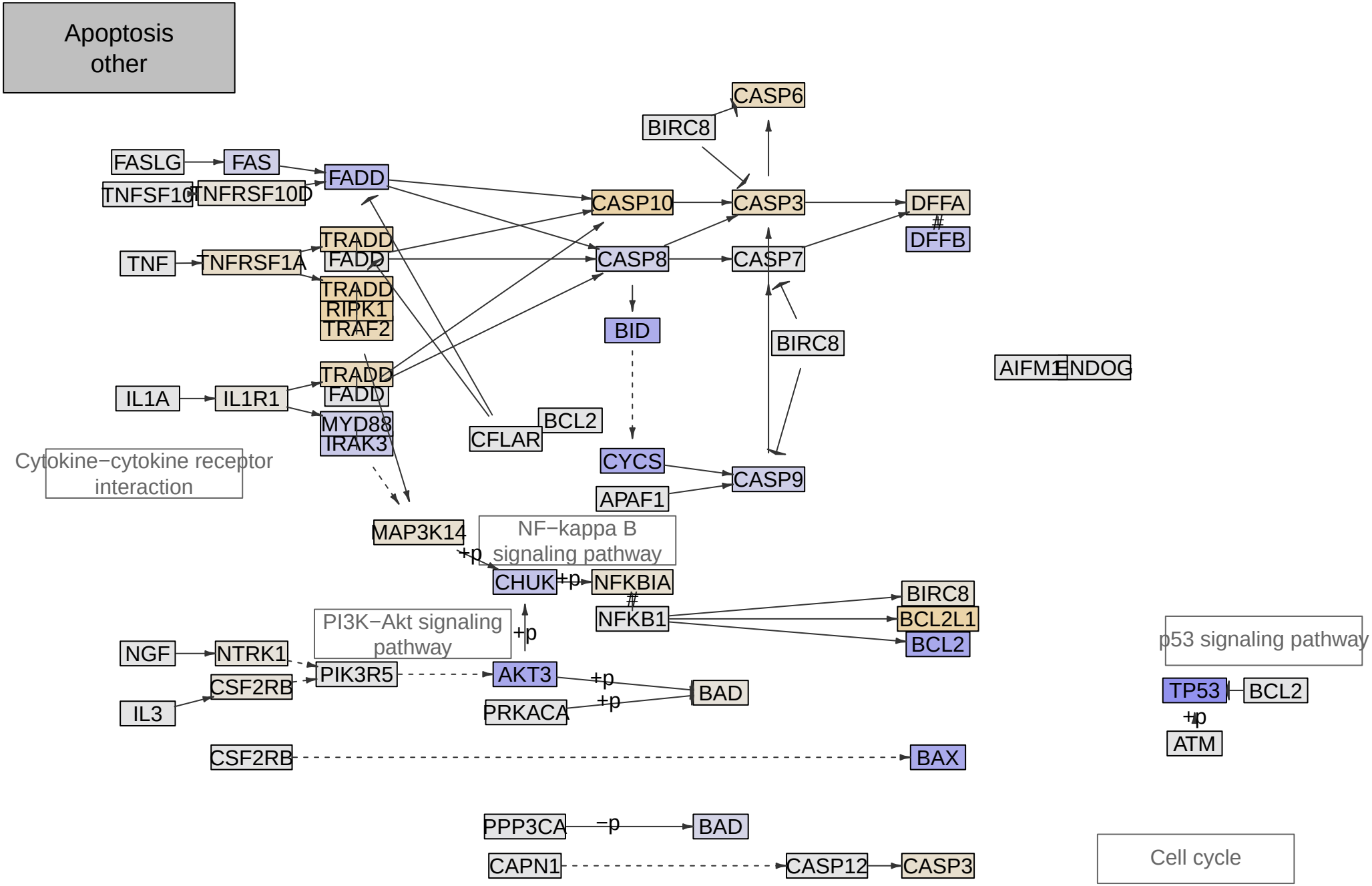
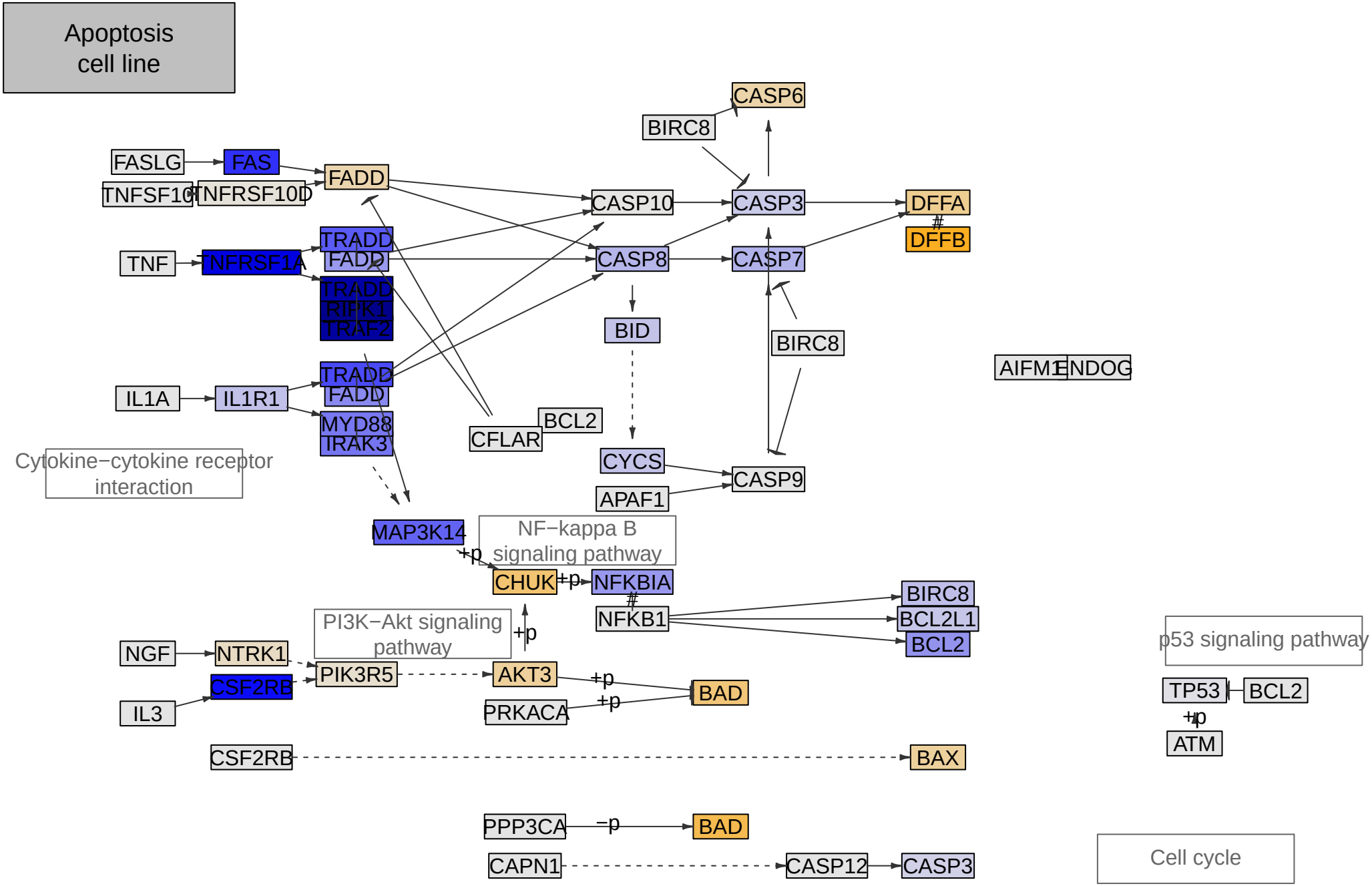
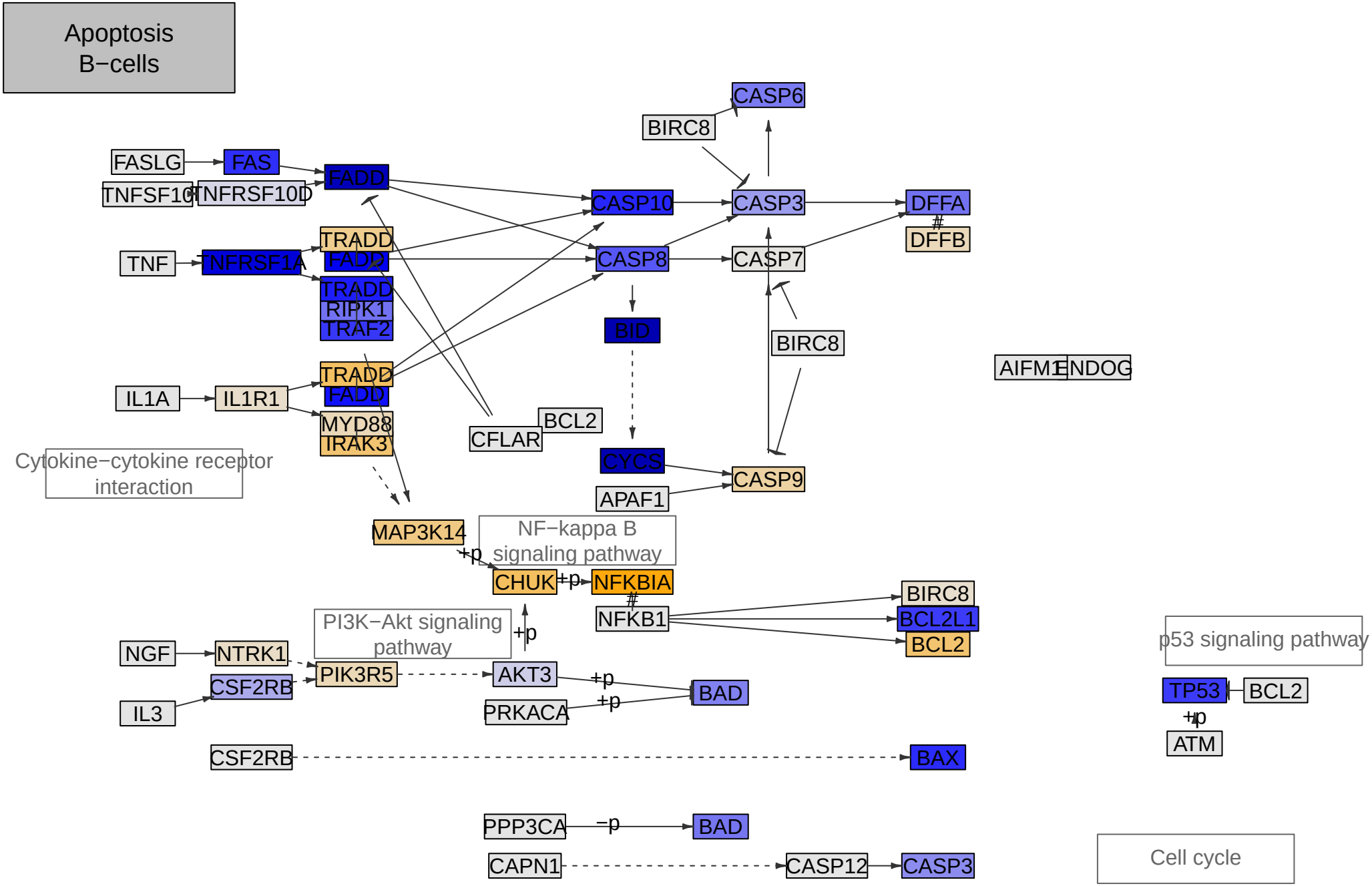
#
DFFB
TRADD
FADD
TNF
TNFRSF1A
CASP8
CASP7
TRADD
RIPK1
TRAF2
BID
BIRC8
AIFM1
ENDOG
TRADD
FADD
IL1A
IL1R1
MYD88
IRAK3
CFLAR
BCL2
Cytokine−cytokine receptor interaction
CYCS
CASP9
APAF1
MAP3K14
NF−kappa B signaling pathway
+p
CHUK
+p
NFKBIA
#
BIRC8
NFKB1
BCL2L1
BCL2
PI3K−Akt signaling pathway
+p
p53 signaling pathway
NGF
NTRK1
PIK3R5
AKT3
+p
BAD
TP53
BCL2
CSF2RB
+p
IL3
PRKACA
+p
ATM
CSF2RB
BAX
PPP3CA
−p
BAD
CAPN1
CASP12
CASP3
Cell cycle


Apoptosis
FL/DLBCL
CASP6
BIRC8
FASLG
FAS
FADD
TNFSF10
TNFRSF10D
CASP10
CASP3
DFFA
#
DFFB
TRADD
FADD
TNF
TNFRSF1A
CASP8
CASP7
TRADD
RIPK1
TRAF2
BID
BIRC8
AIFM1
ENDOG
TRADD
FADD
IL1A
IL1R1
MYD88
IRAK3
CFLAR
BCL2
Cytokine−cytokine receptor interaction
CYCS
CASP9
APAF1
MAP3K14
NF−kappa B signaling pathway
+p
CHUK
+p
NFKBIA
#
BIRC8
NFKB1
BCL2L1
BCL2
PI3K−Akt signaling pathway
+p
p53 signaling pathway
NGF
NTRK1
PIK3R5
AKT3
+p
BAD
TP53
BCL2
CSF2RB
+p
IL3
PRKACA
ATM
CSF2RB
BAX
PPP3CA
−p
BAD
Cell cycle
CAPN1
CASP12
CASP3


Apoptosis
FL
CASP6
BIRC8
FASLG
FAS
FADD
TNFSF10
TNFRSF10D
CASP10
CASP3
DFFA
#
DFFB
TRADD
FADD
TNF
TNFRSF1A
CASP8
CASP7
TRADD
RIPK1
TRAF2
BID
BIRC8
AIFM1
ENDOG
TRADD
FADD
IL1A
IL1R1
MYD88
IRAK3
CFLAR
BCL2
Cytokine−cytokine receptor interaction
CYCS
CASP9
APAF1
MAP3K14
NF−kappa B signaling pathway
+p
CHUK
+p
NFKBIA
#
BIRC8
NFKB1
BCL2L1
BCL2
PI3K−Akt signaling pathway
+p
p53 signaling pathway
NGF
NTRK1
PIK3R5
AKT3
+p
BAD
TP53
BCL2
CSF2RB
+p
IL3
PRKACA
ATM
CSF2RB
BAX
PPP3CA
−p
BAD
CAPN1
CASP12
CASP3
Cell cycle


Apoptosis
other
CASP6
BIRC8
FASLG
FAS
FADD
TNFSF10
TNFRSF10D
CASP10
CASP3
DFFA
#
DFFB
TRADD
FADD
TNF
TNFRSF1A
CASP8
CASP7
TRADD
RIPK1
TRAF2
BID
BIRC8
AIFM1
ENDOG
TRADD
FADD
IL1A
IL1R1
MYD88
IRAK3
CFLAR
BCL2
Cytokine−cytokine receptor
interaction
CYCS
CASP9
APAF1
MAP3K14
NF−kappa B
signaling pathway
+p
CHUK
+p
NFKBIA
#
NFKB1
BIRC8
BCL2L1
BCL2
PI3K−Akt signaling
pathway
+p
NGF
NTRK1
PIK3R5
AKT3
+p
BAD
CSF2RB
IL3
PRKACA
+p
p53 signaling pathway
TP53
BCL2
+p
ATM
CSF2RB
BAX
PPP3CA
−p
BAD
CAPN1
CASP12
CASP3
Cell cycle


Apoptosis
cell line
CASP6
BIRC8
FASLG
FAS
FADD
TNFSF10
TNFRSF10D
CASP10
CASP3
DFFA
#
DFFB
TRADD
FADD
TNF
TNFRSF1A
CASP8
CASP7
TRADD
RIPK1
TRAF2
BID
BIRC8
AIFM1
ENDOG
TRADD
FADD
IL1A
IL1R1
MYD88
IRAK3
CFLAR
BCL2
Cytokine−cytokine receptor
interaction
CYCS
CASP9
APAF1
MAP3K14
NF−kappa B
signaling pathway
+p
CHUK
+p
NFKBIA
#
BIRC8
NFKB1
BCL2L1
BCL2
PI3K−Akt signaling
pathway
+p
p53 signaling pathway
NGF
NTRK1
PIK3R5
AKT3
+p
BAD
TP53
BCL2
CSF2RB
+p
PRKACA
IL3
ATM
CSF2RB
BAX
PPP3CA
−p
BAD
CAPN1
CASP12
CASP3
Cell cycle


Apoptosis
B−cells
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BIRC8
FASLG
FAS
FADD
TNFSF10
TNFRSF10D
CASP10
CASP3
DFFA
#
DFFB
TRADD
FADD
CASP8
CASP7
TNF
TNFRSF1A
TRADD
RIPK1
TRAF2
BID
BIRC8
AIFM1
ENDOG
TRADD
FADD
IL1A
IL1R1
MYD88
IRAK3
BCL2
CFLAR
CYCS
CASP9
Cytokine−cytokine receptor interaction
APAF1
MAP3K14
NF−kappa B signaling pathway
+p
CHUK
+p
NFKBIA
#
BIRC8
NFKB1
BCL2L1
BCL2
PI3K−Akt signaling pathway
+p
p53 signaling pathway
NGF
NTRK1
PIK3R5
AKT3
+p
BAD
TP53
BCL2
CSF2RB
+p
IL3
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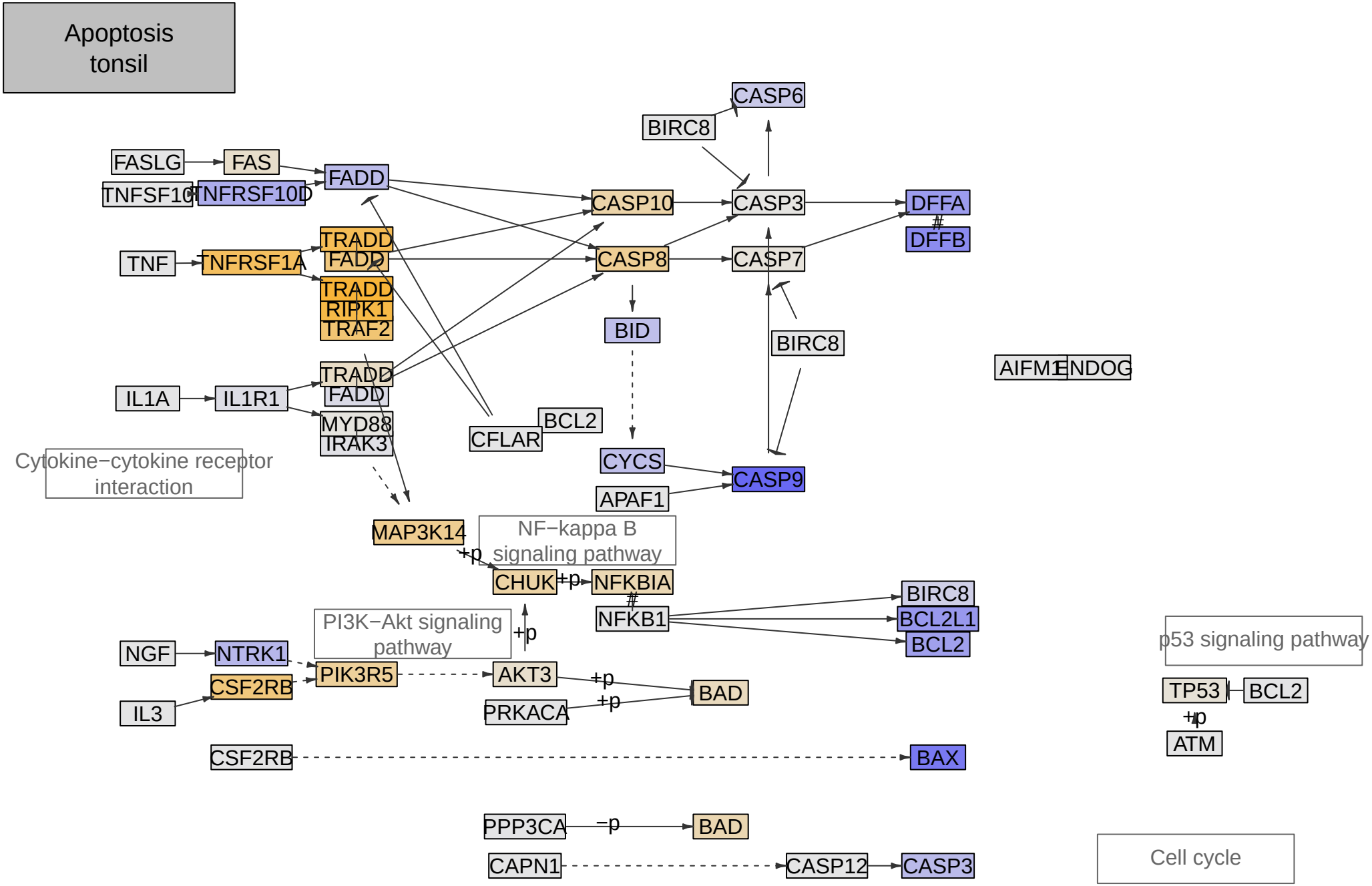
ATM
CSF2RB
BAX
PPP3CA
−p
BAD
Cell cycle
CAPN1
CASP12
CASP3


Apoptosis
tonsil
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FADD
TNFSF10
TNFRSF10D
CASP10
CASP3
DFFA
#
DFFB
TNF
TNFRSF1A
TRADD
FADD
CASP8
CASP7
TRADD
RIPK1
TRAF2
BID
BIRC8
AIFM1
ENDOG
IL1A
IL1R1
TRADD
FADD
MYD88
IRAK3
CFLAR
BCL2
Cytokine−cytokine receptor
interaction
CYCS
CASP9
APAF1
MAP3K14
NF−kappa B
signaling pathway
+p
CHUK
+p
NFKBIA
#
NFKB1
BIRC8
BCL2L1
BCL2
PI3K−Akt signaling
pathway
+p
p53 signaling pathway
NGF
NTRK1
PIK3R5
AKT3
+p
BAD
TP53
BCL2
CSF2RB
+p
PRKACA
IL3
ATM
CSF2RB
BAX
PPP3CA
−p
BAD
CAPN1
CASP12
CASP3
Cell cycle