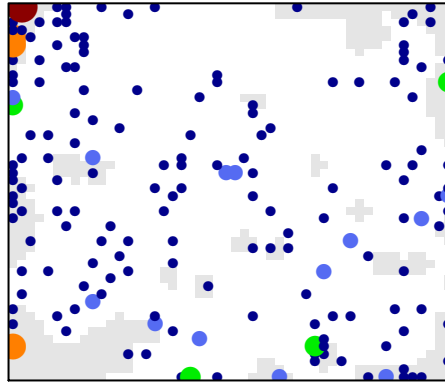
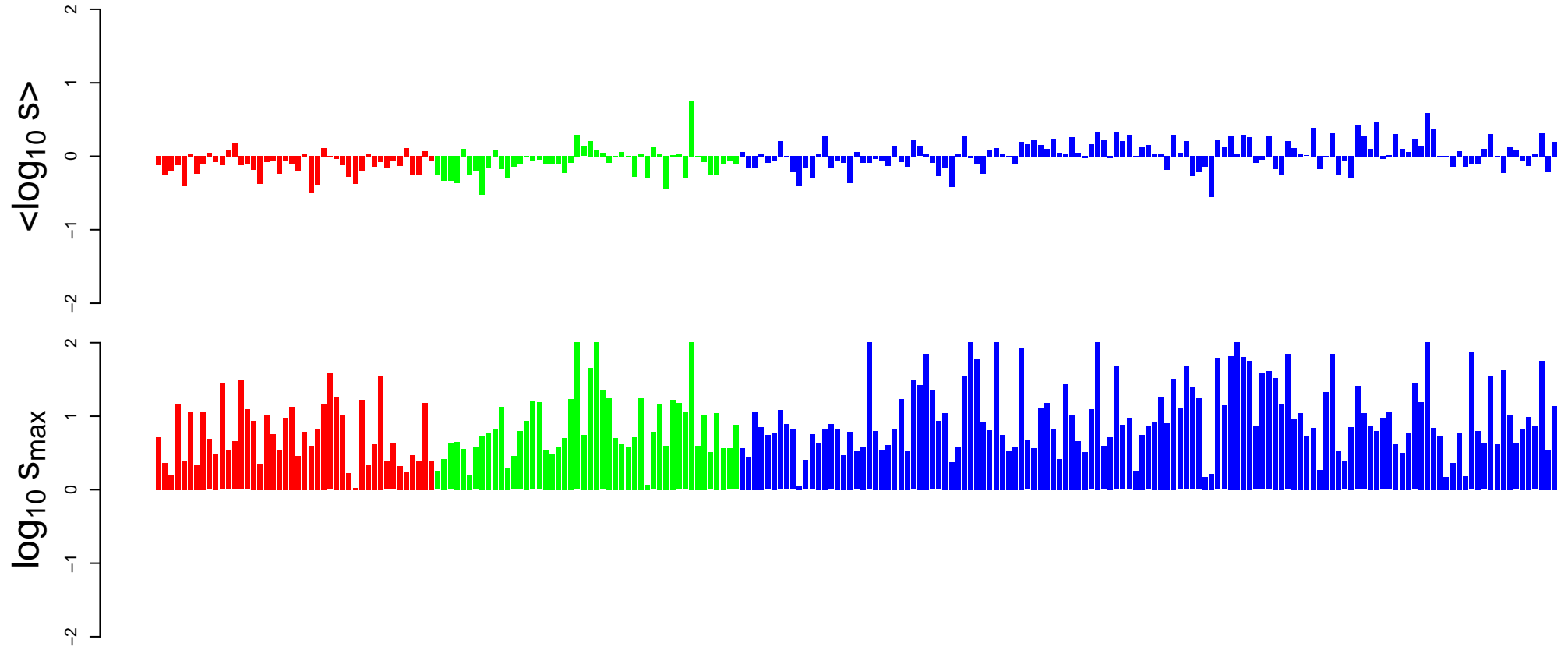
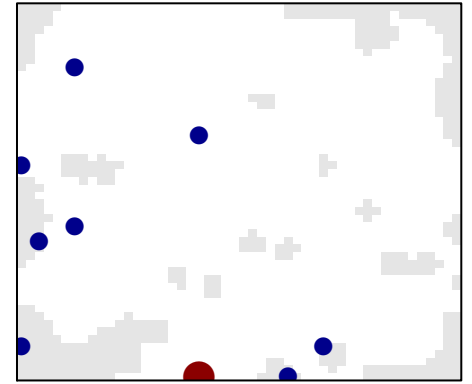


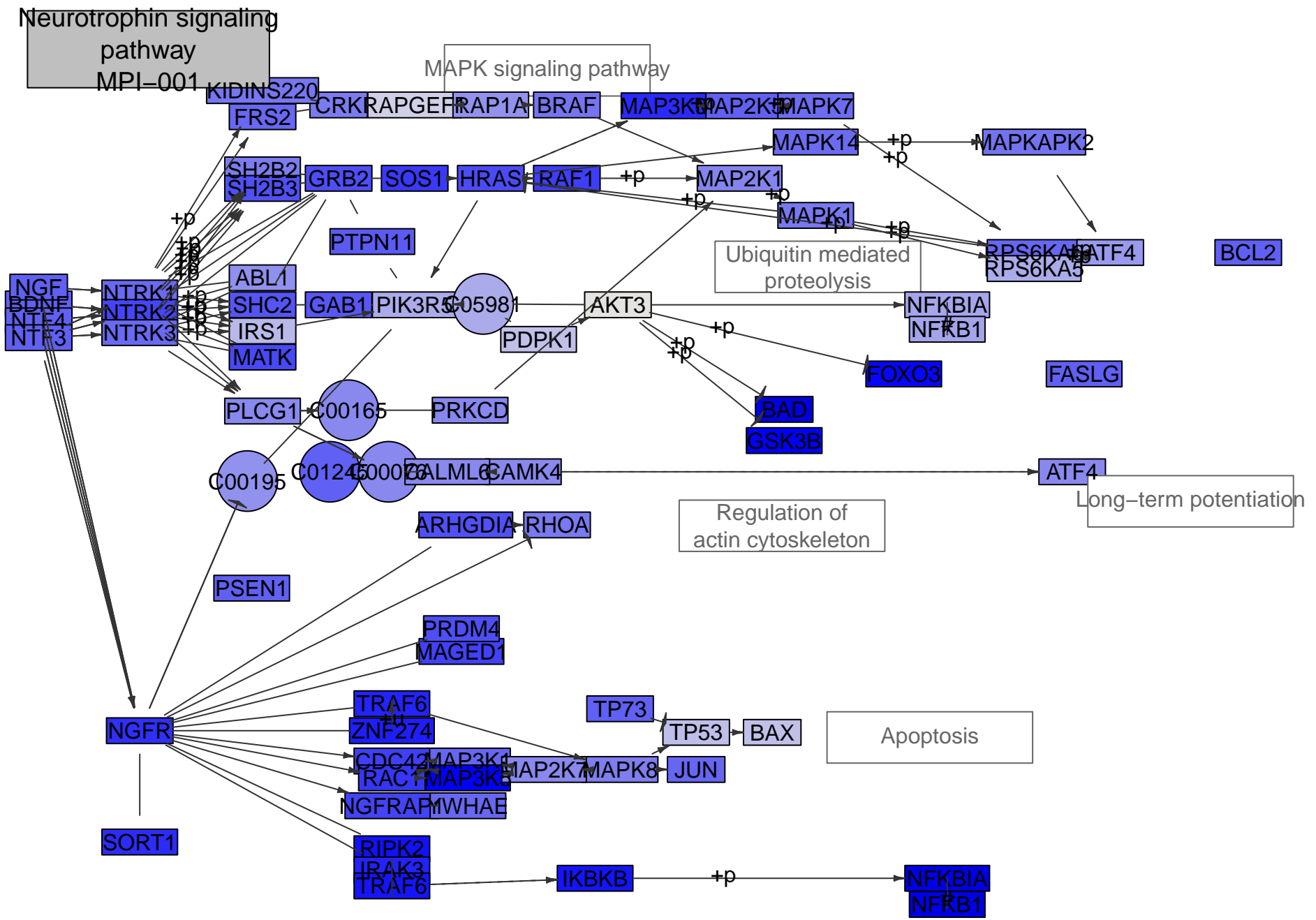
Neurotrophin signaling pathway

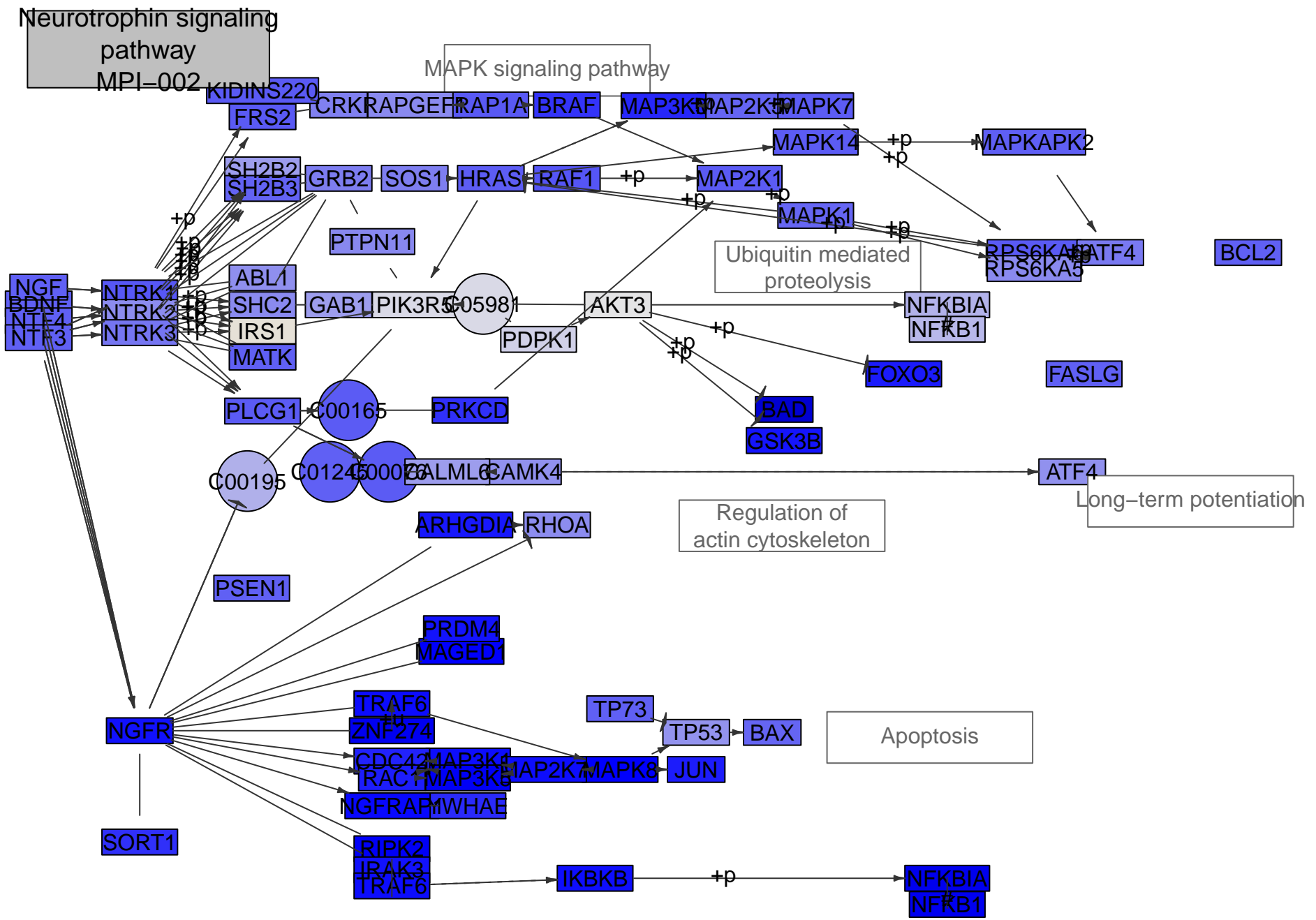
all genes

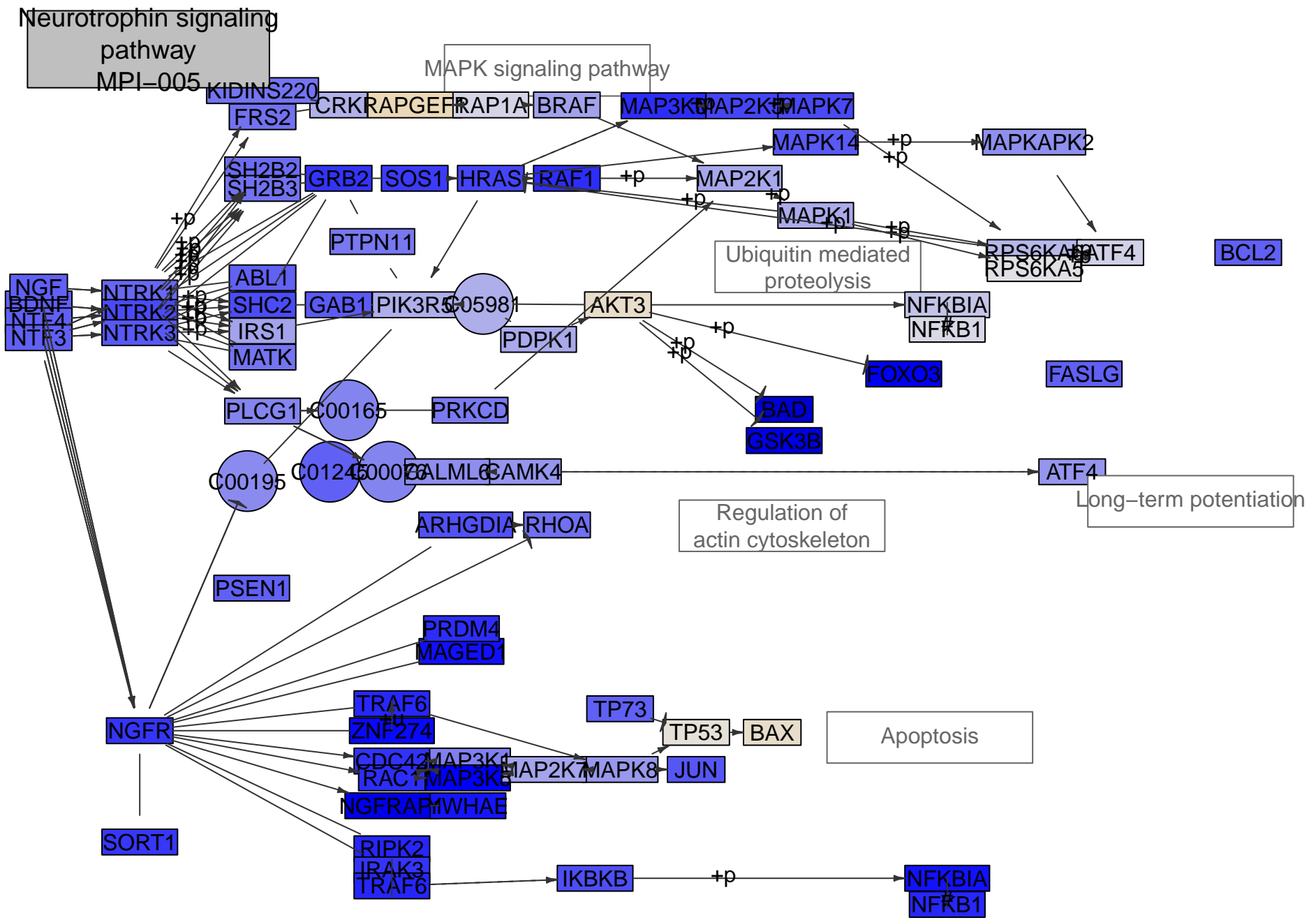


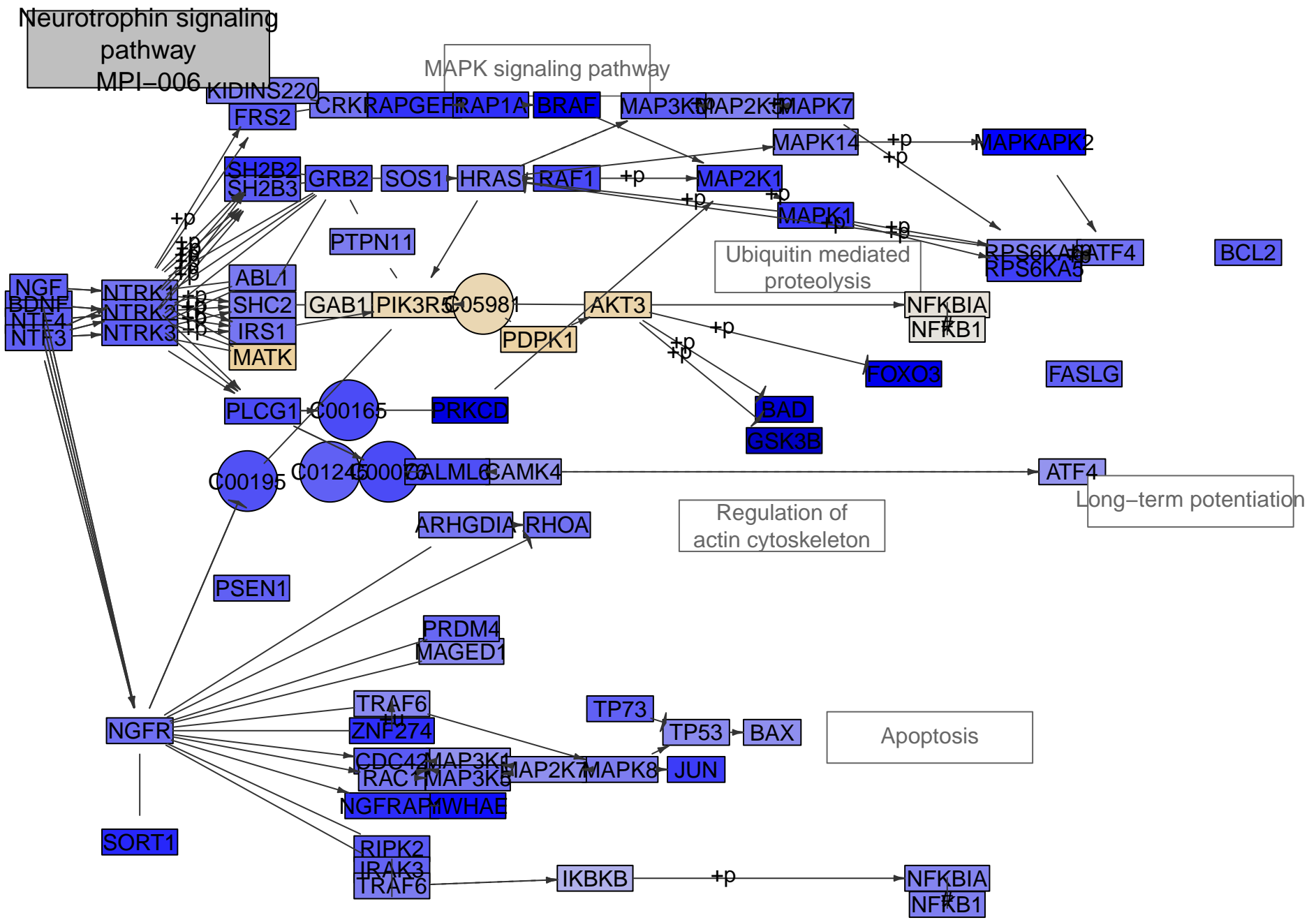
sink node genes











Neurotrophin signaling pathway
MPI-006

MAPK signaling pathway

Ubiquitin mediated proteolysis

Regulation of actin cytoskeleton

Apoptosis

Long-term potentiation

NGF
BDNF
NTF4
NTF3

NGFR

SORT1

KIDINS220
FRS2

SH2B2
SH2B3

ABL1
SHC2
IRS1
MATK

PLCG1

C00195

PSEN1

CRKRAPGEFRAP1A

GRB2

PTPN11

GAB1

C00165

C01245

ARHGDI1

PRDM4

TRAF6

CDC42

RIPK2

MAP3K1

SOS1

PIK3R5

PRKCD

C00023

RHOA

MAGED1

ZNF274

RAC1

IRAK3

HRAS

RAF1

C0598

CAMK4

MAML6

RHOA

MAGED1

TP73

MAP3K1

TRAF6

BRAF

MAP2K1

AKT3

PDPK1

CAMK4

RHOA

MAGED1

TP73

MAP3K1

TRAF6

MAP3K1

MAP2K1

AKT3

PDPK1

CAMK4

RHOA

MAGED1

TP73

MAP3K1

TRAF6

MAPK1

MAPK14

AKT3

PDPK1

CAMK4

RHOA

MAGED1

TP73

MAP3K1

TRAF6

MAPK14

MAP2K1

AKT3

PDPK1

CAMK4

RHOA

MAGED1

TP73

MAP3K1

TRAF6

MAPKAP2

MAPK1

AKT3

PDPK1

CAMK4

RHOA

MAGED1

TP73

MAP3K1

TRAF6

MAPKAP2

MAPK1

AKT3

PDPK1

CAMK4

RHOA

MAGED1

TP73

MAP3K1

TRAF6

MAPKAP2

MAPK1

AKT3

PDPK1

CAMK4

RHOA

MAGED1

TP73

MAP3K1

TRAF6

BCL2

FASLG

ATF4

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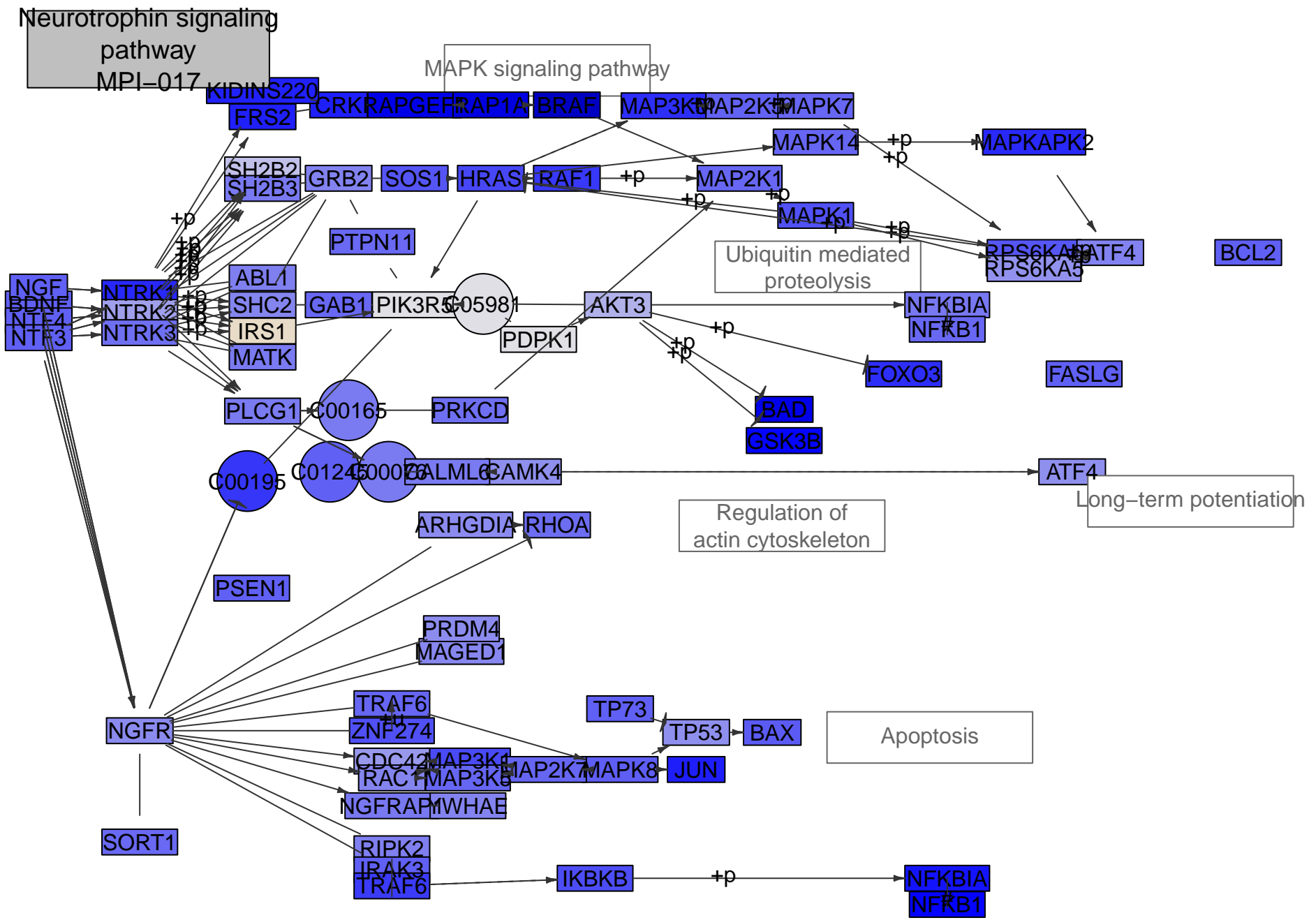
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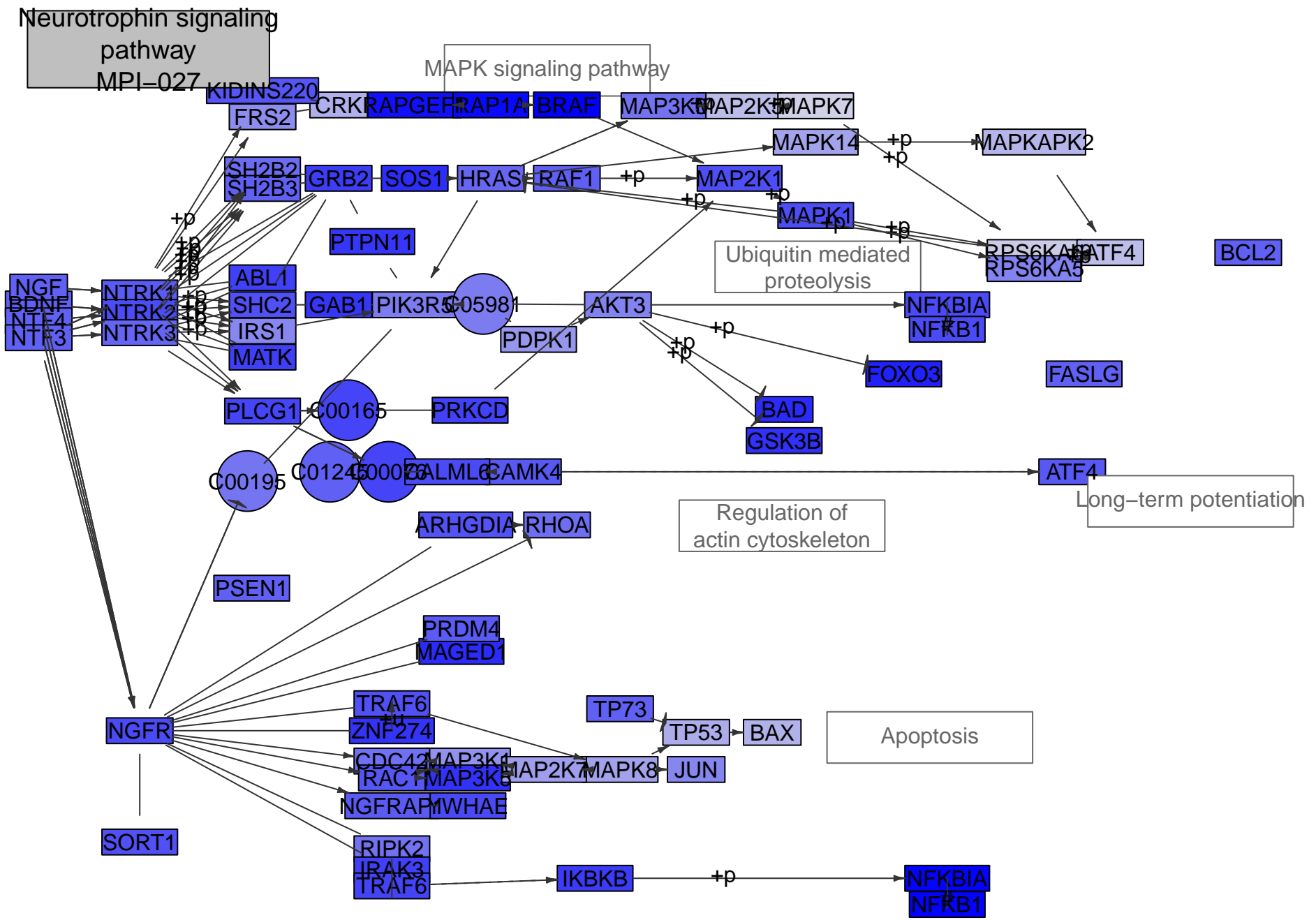
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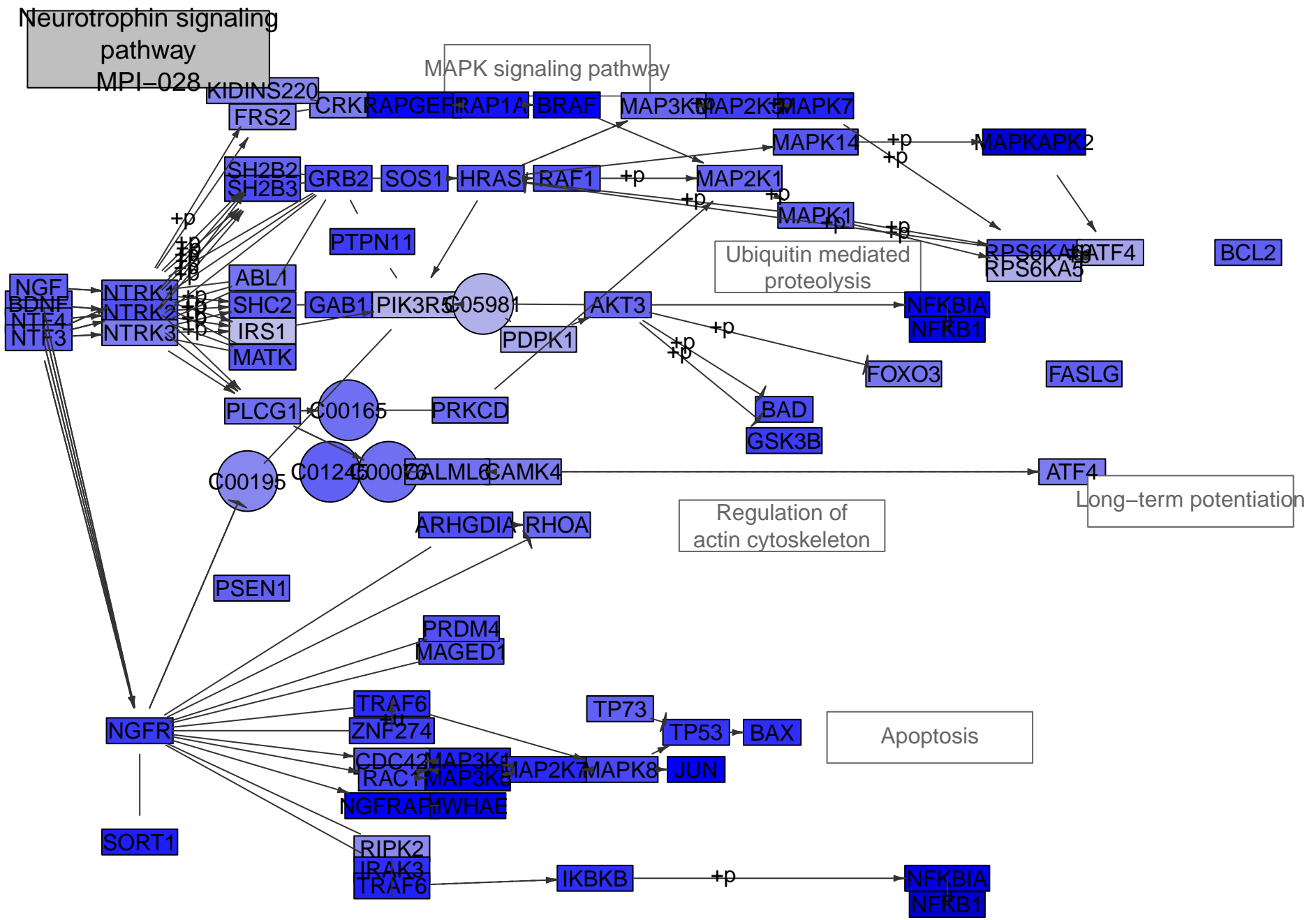
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NFKB1

NFKB1







Neurotrophin signaling pathway
MPI-028

MAPK signaling pathway

Ubiquitin mediated proteolysis

Regulation of actin cytoskeleton

Apoptosis

Long-term potentiation

NGF
BDNF
NTF4
NTF3

NGFR

SORT1

PSEN1

C00195

PLCG1

ABL1

SH2B2

FRS2

KIDINS220

SHC2

IRS1

MATK

C00165

C01245

C00028

ARHGDI1

RHOA

PRDM4

MAGED1

TRAF6

ZNF274

CDC42

RAC1

NGFRAP1

WHAE

RIPK2

IRAK3

TRAF6

PTPN11

GAB1

PIK3R5

C05981

PDK1

AKT3

C00165

C01245

C00028

ARHGDI1

RHOA

PRDM4

MAGED1

TRAF6

ZNF274

CDC42

RAC1

NGFRAP1

WHAE

RIPK2

IRAK3

TRAF6

CRK

GRB2

SOS1

HRAS

RAF1

MAP2K1

MAPK1

MAPK14

MAPKAP2

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GSK3B

ATF4

NFKBIA

NFKB1

TP53

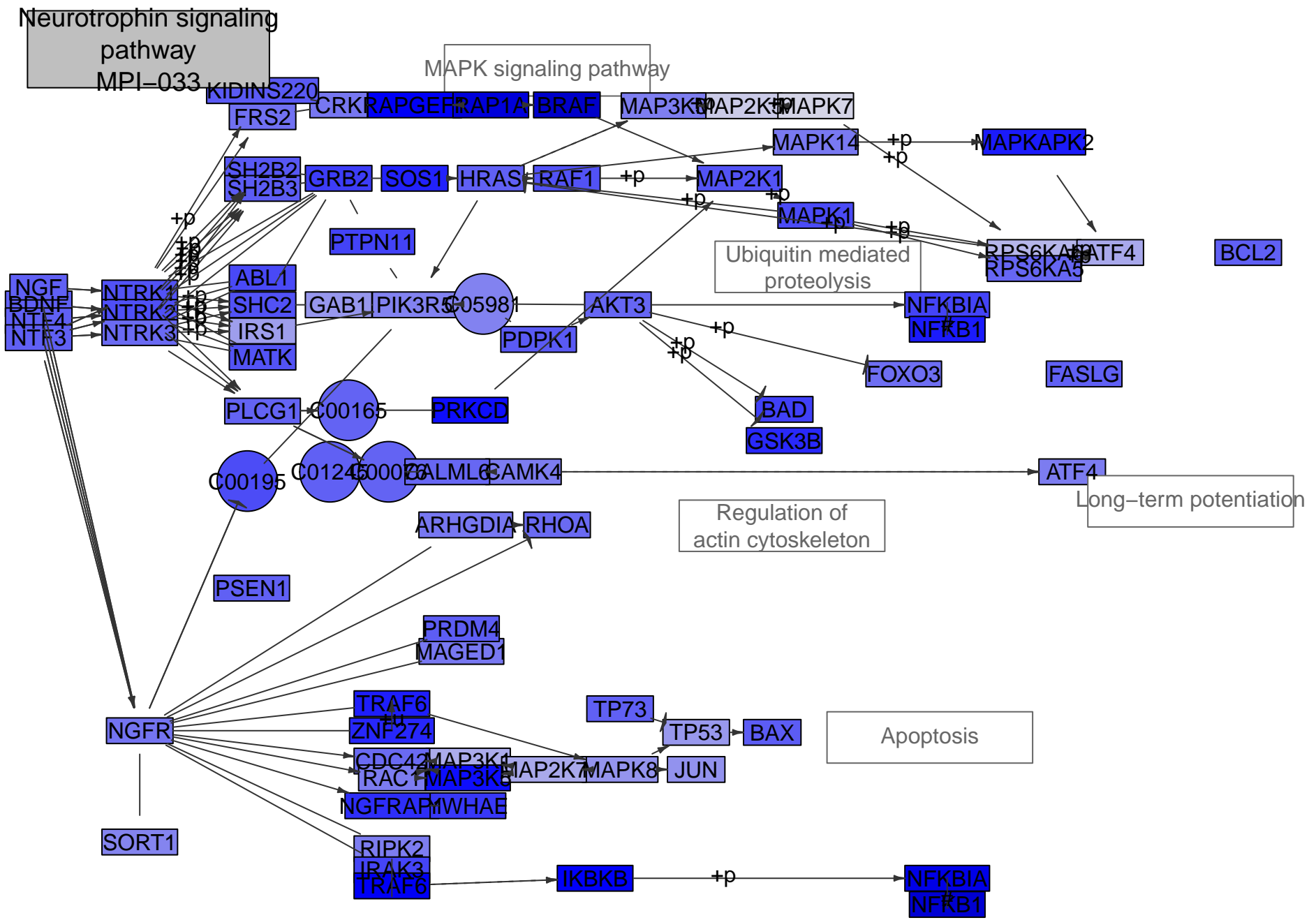
BAX

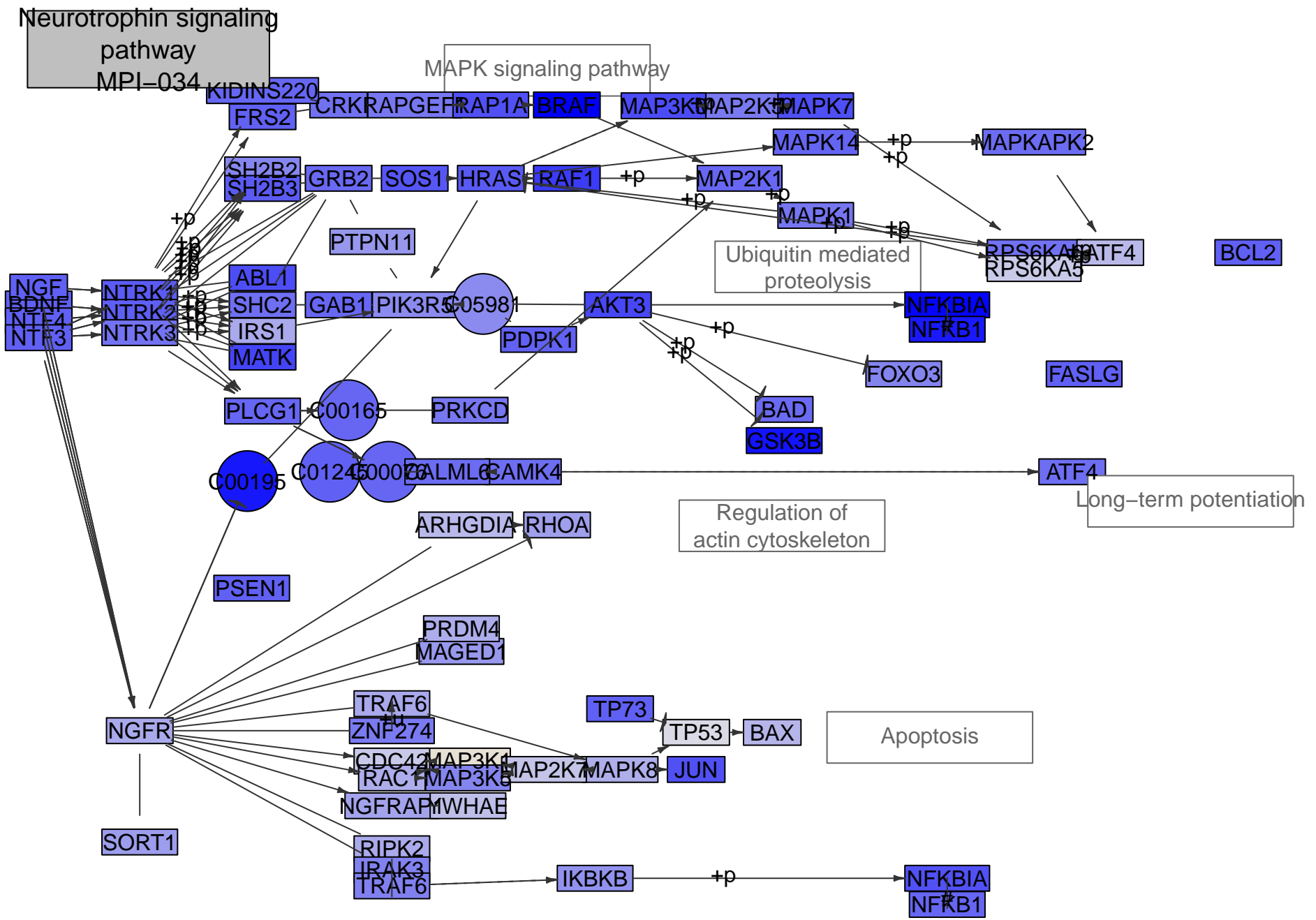
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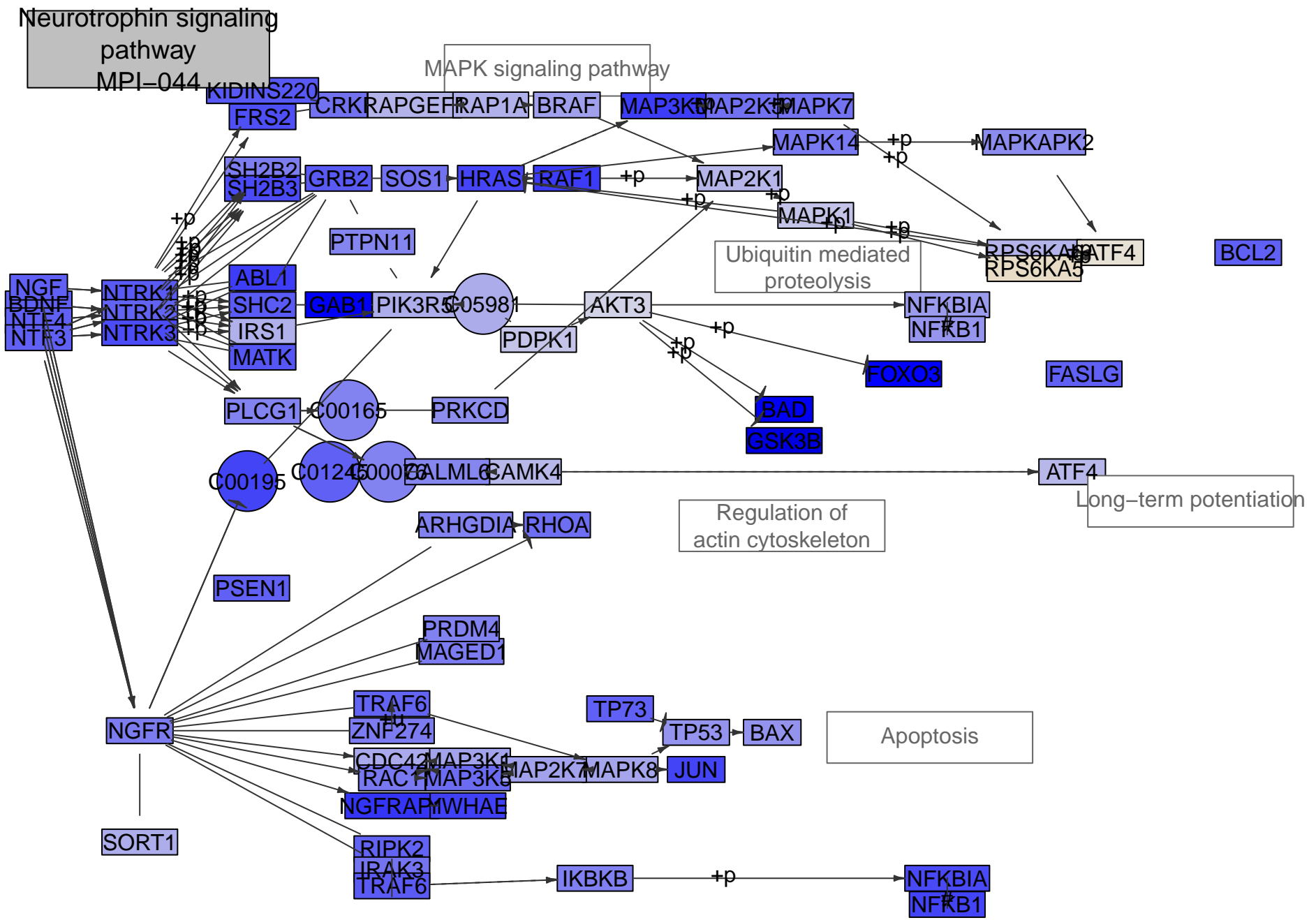
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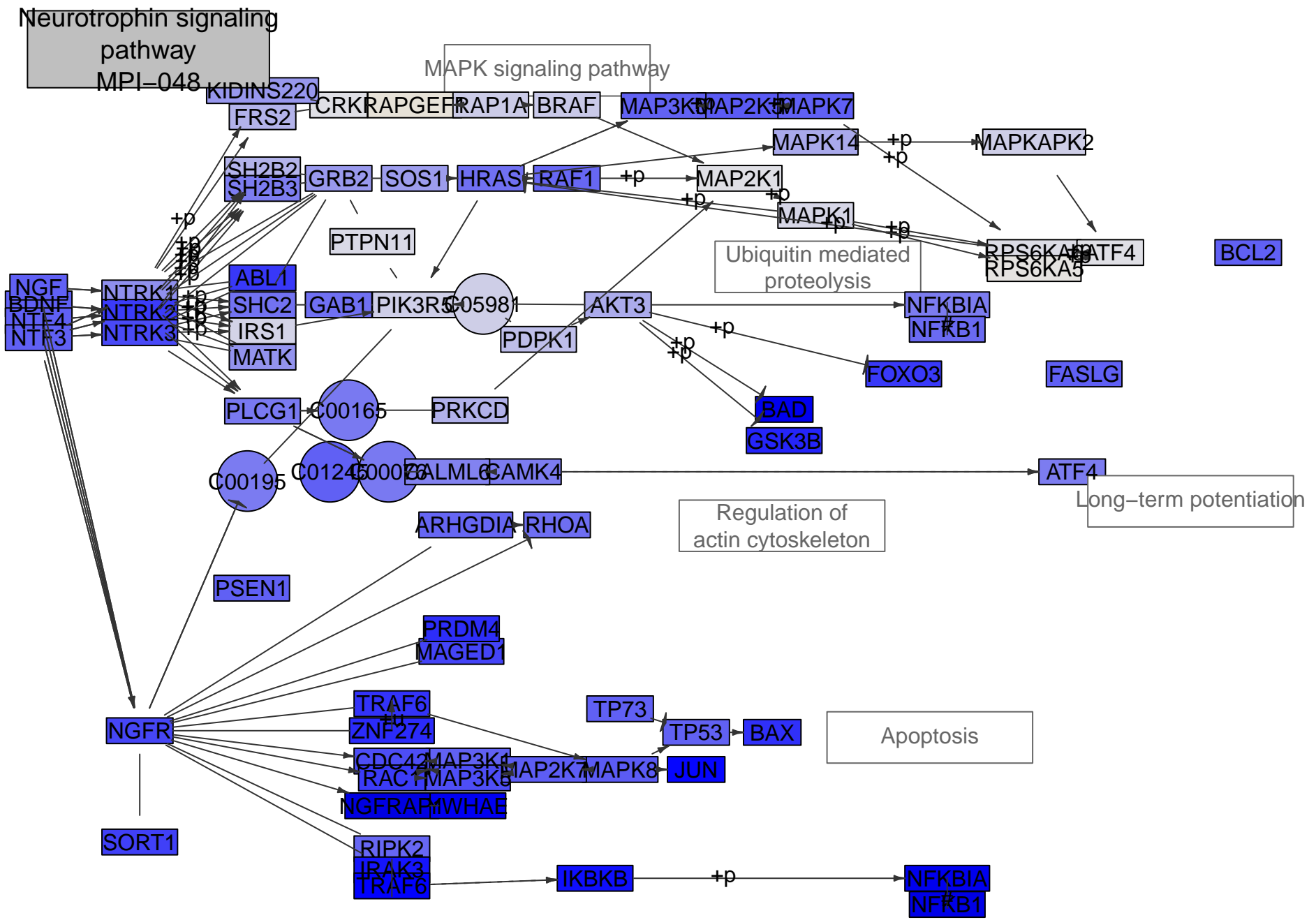
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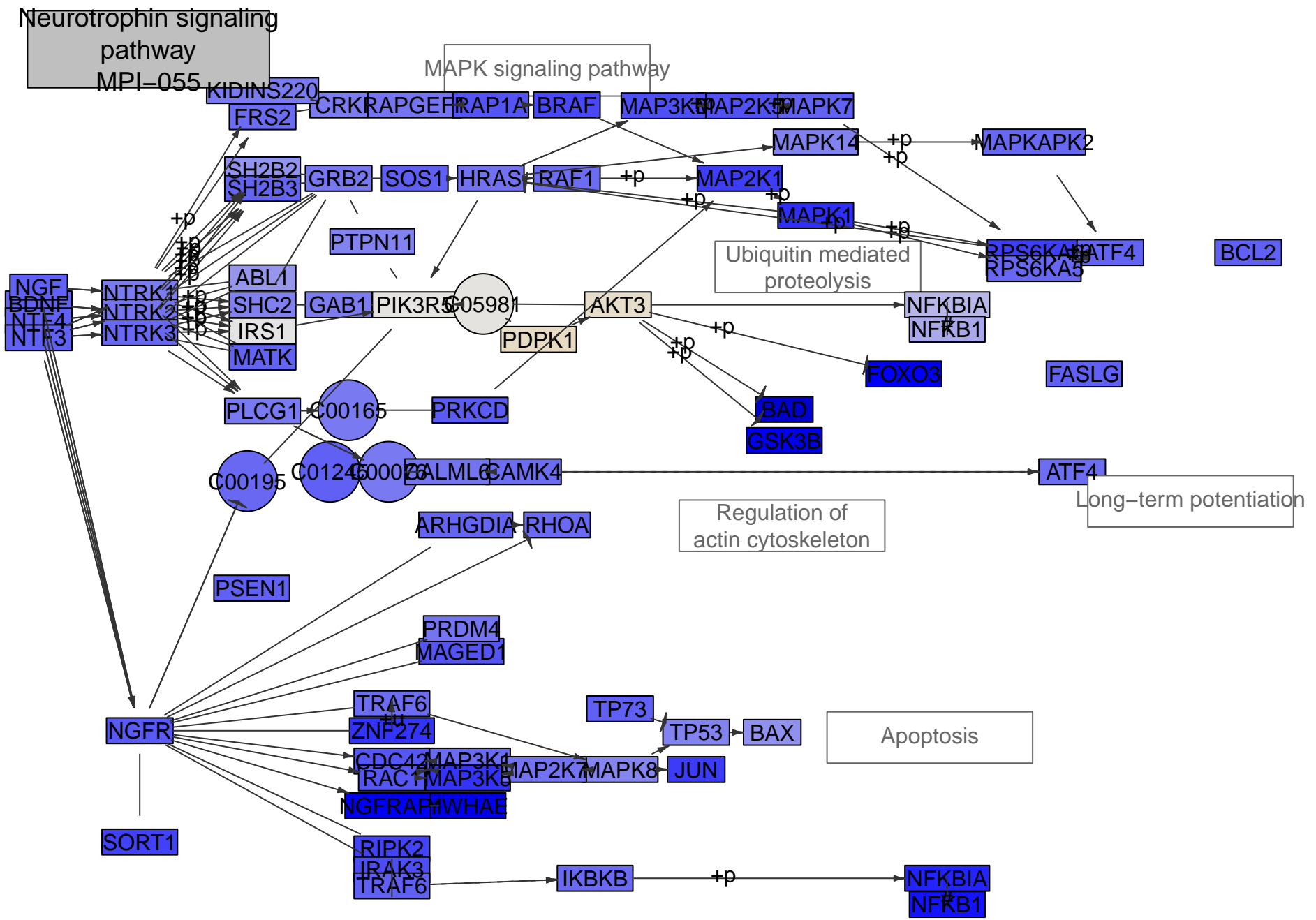
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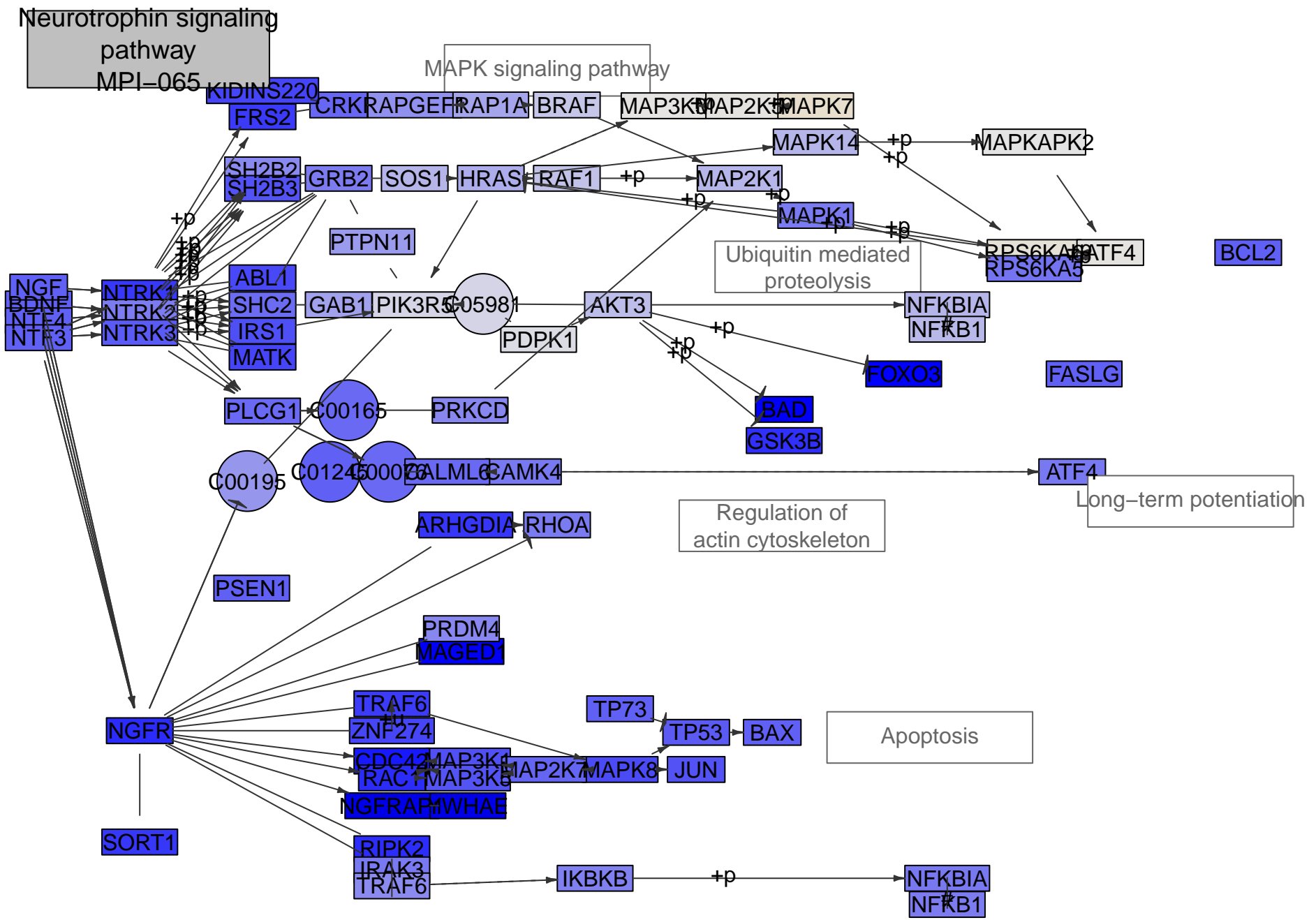


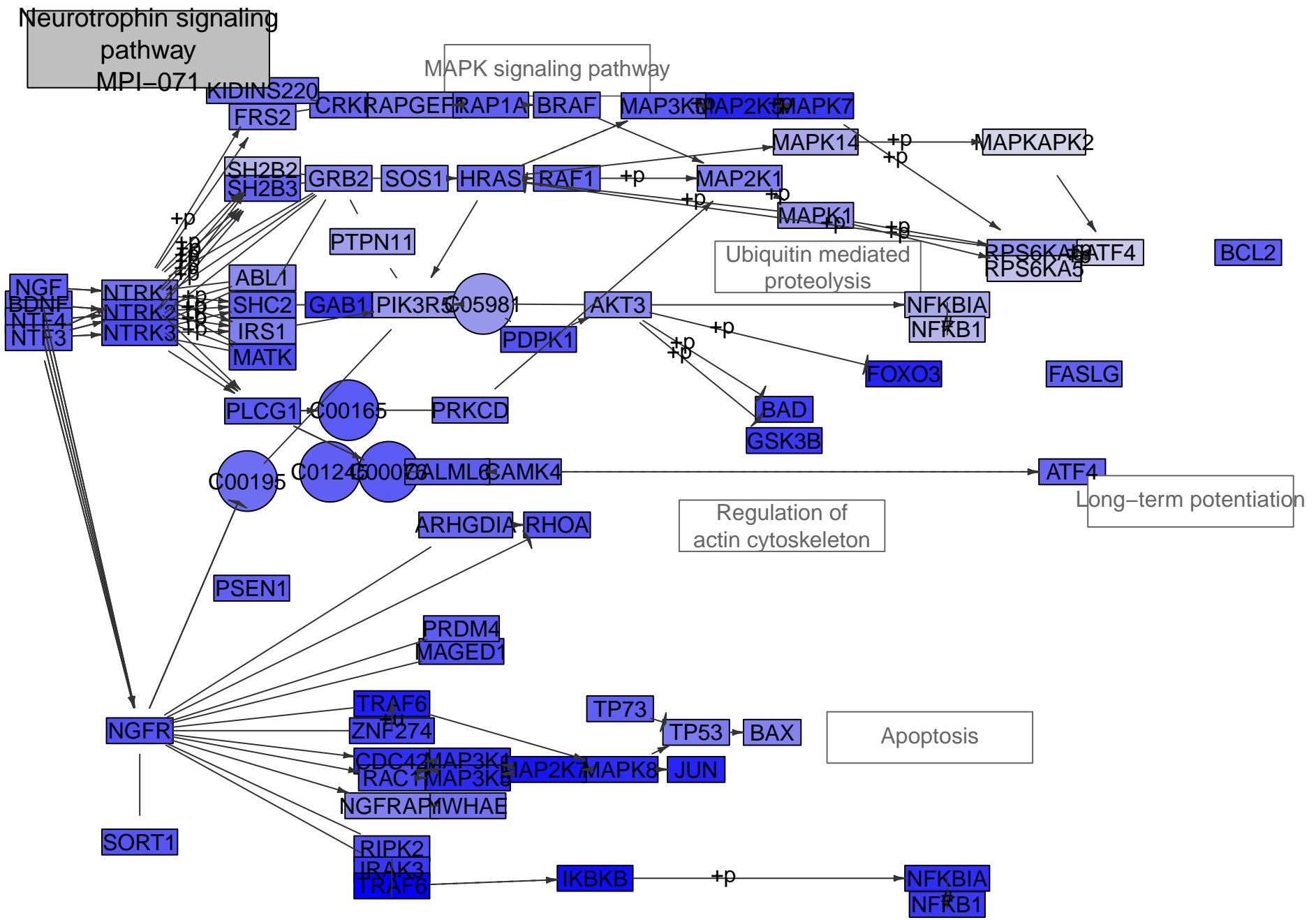


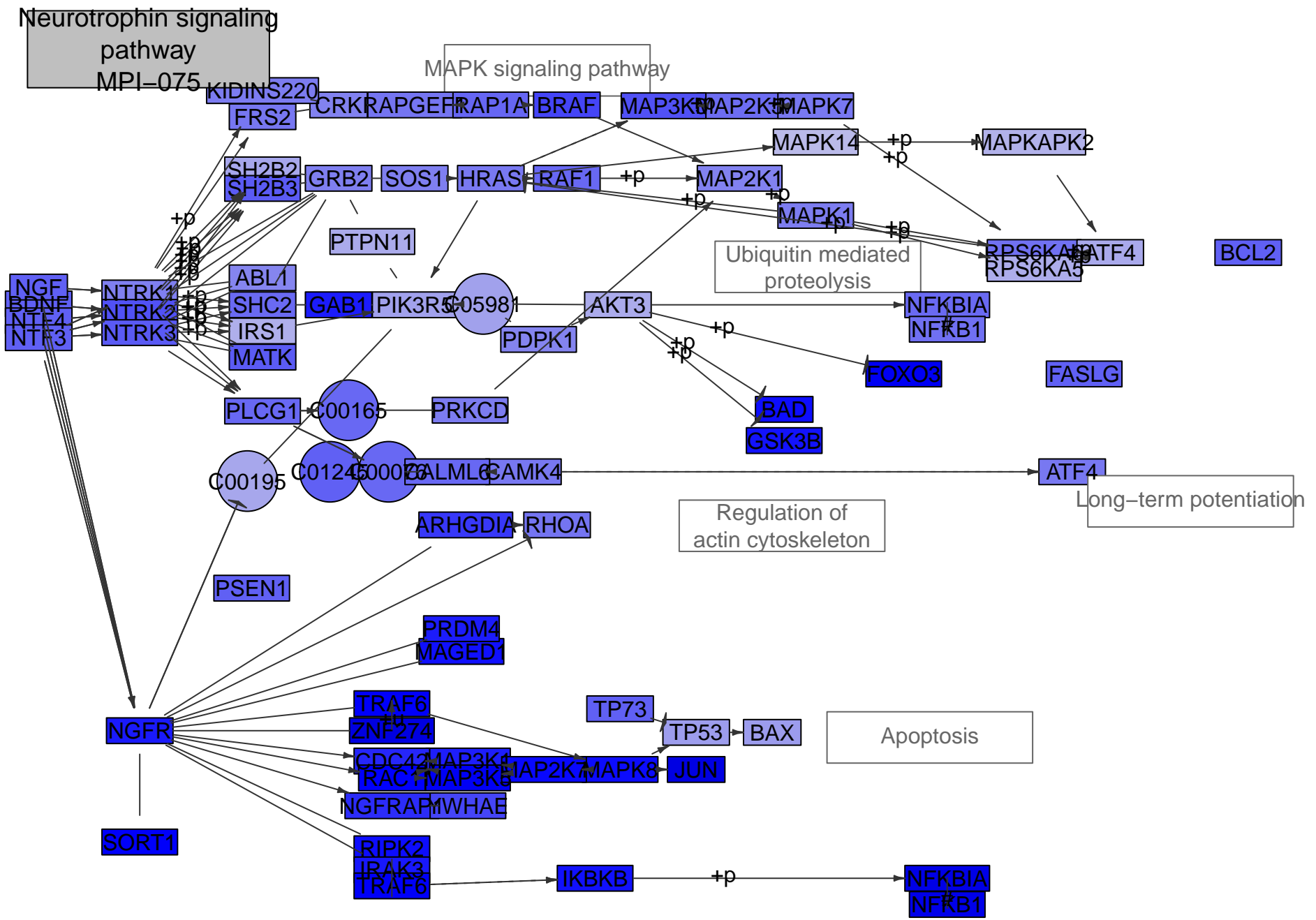






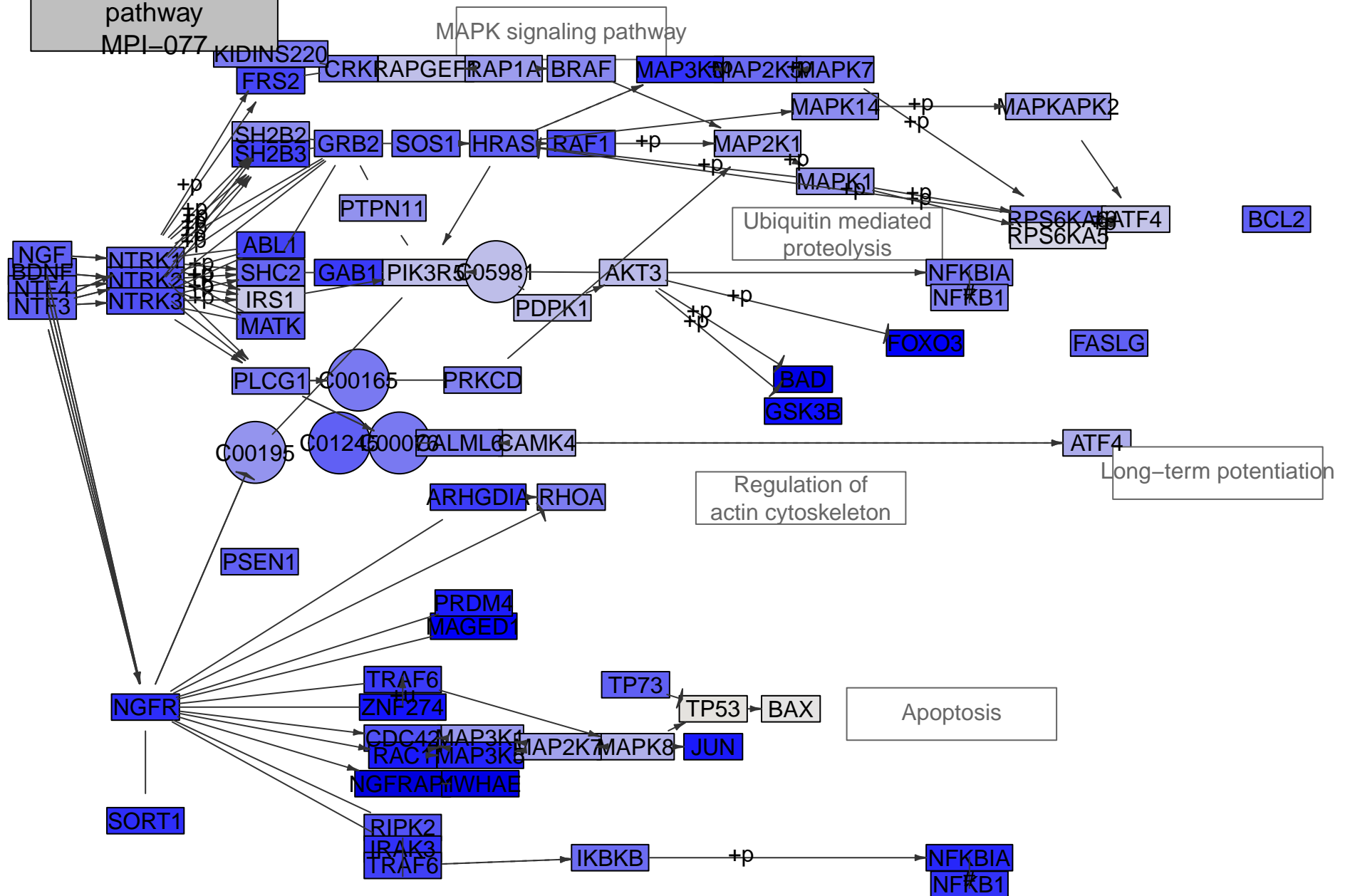


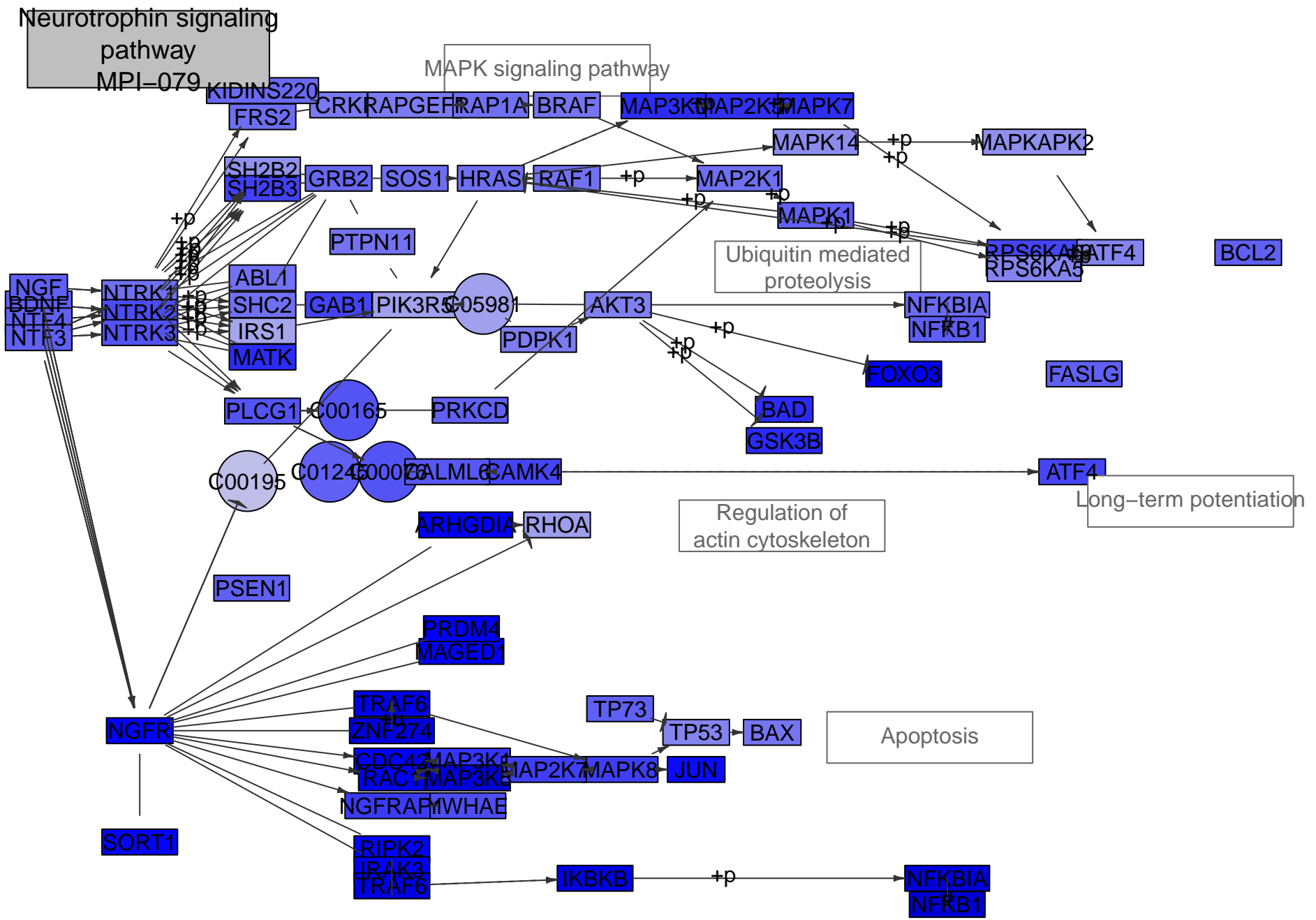


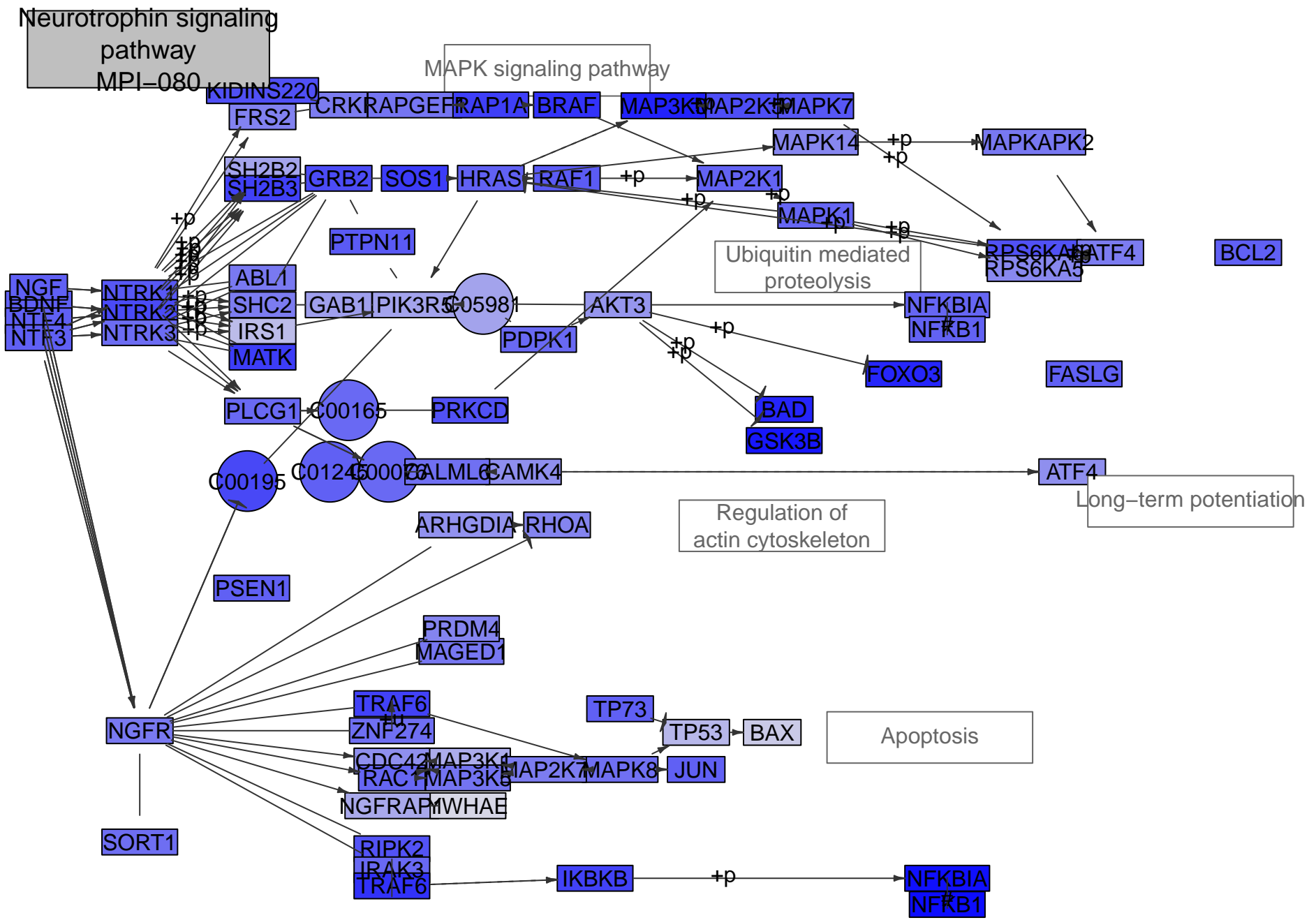


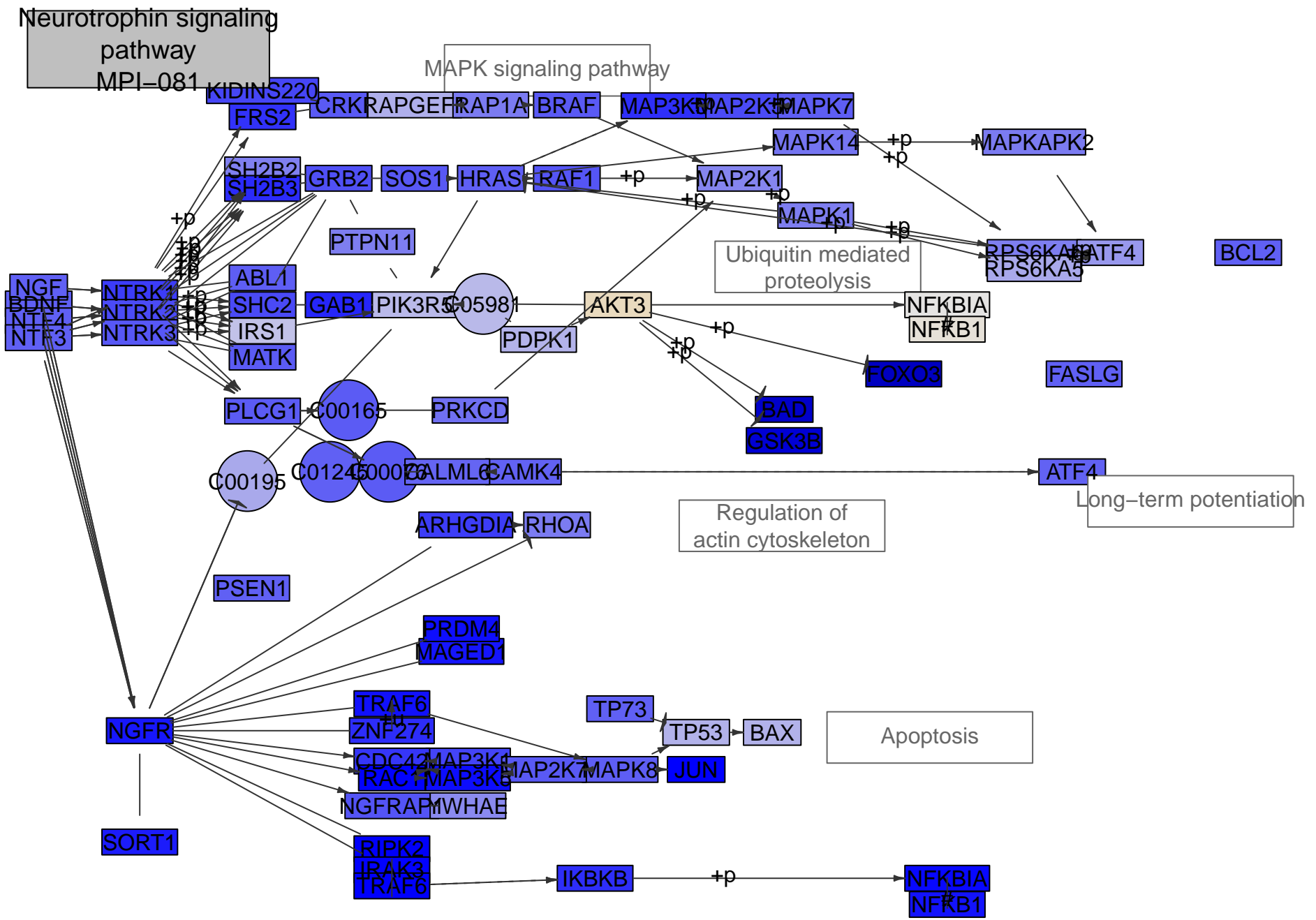
Neurotrophin signaling pathway
MPI-077

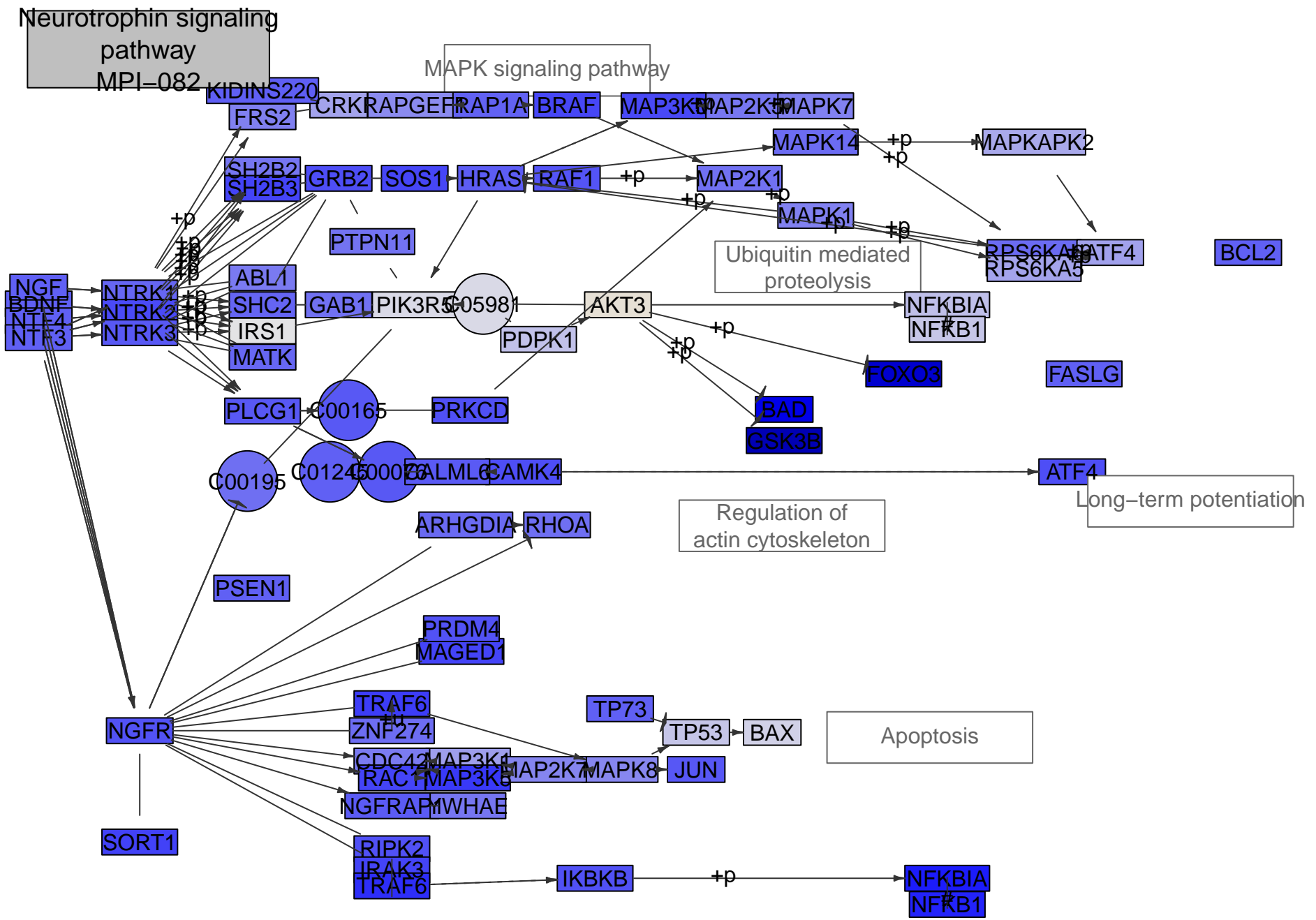
MAPK signaling pathway

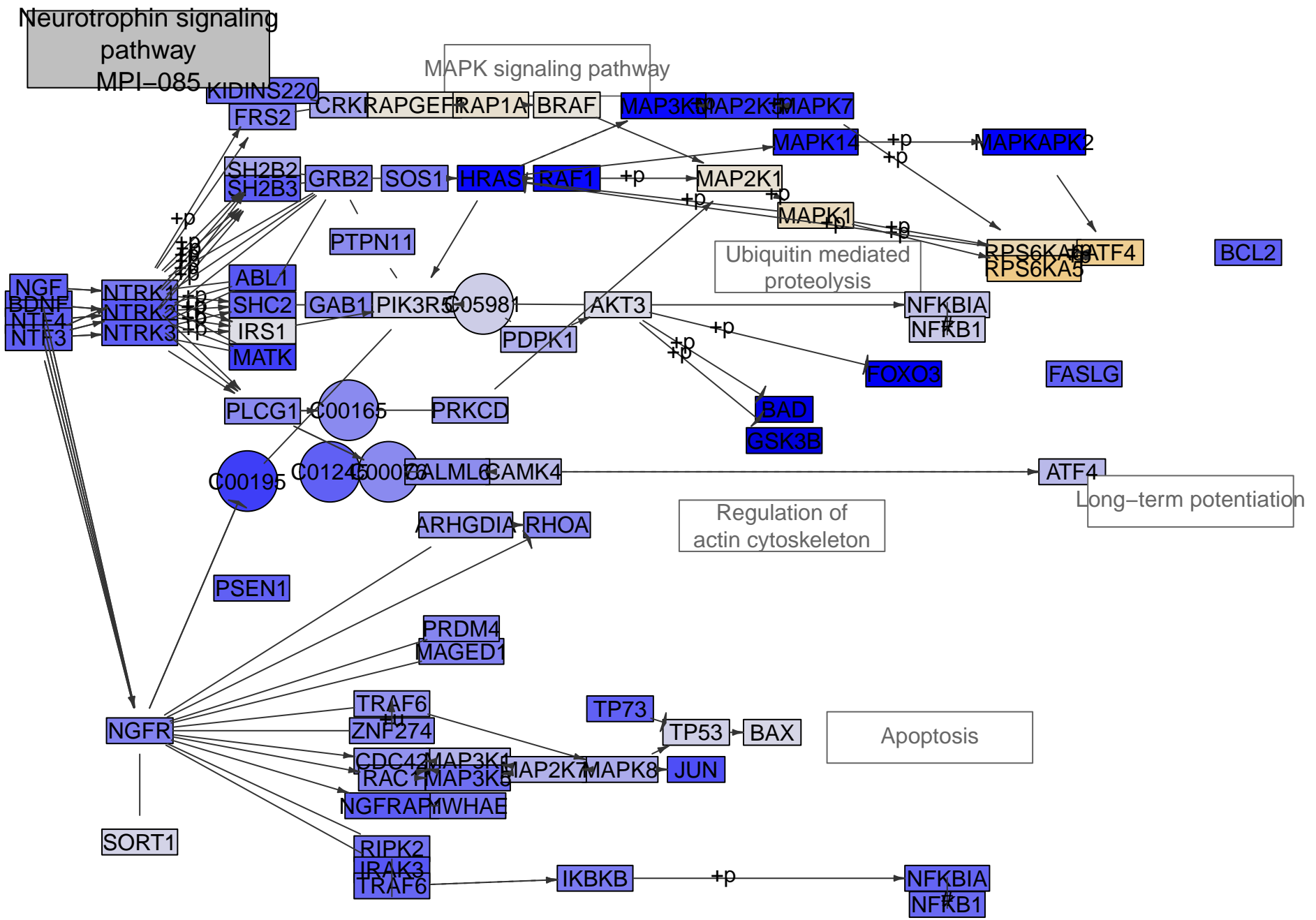


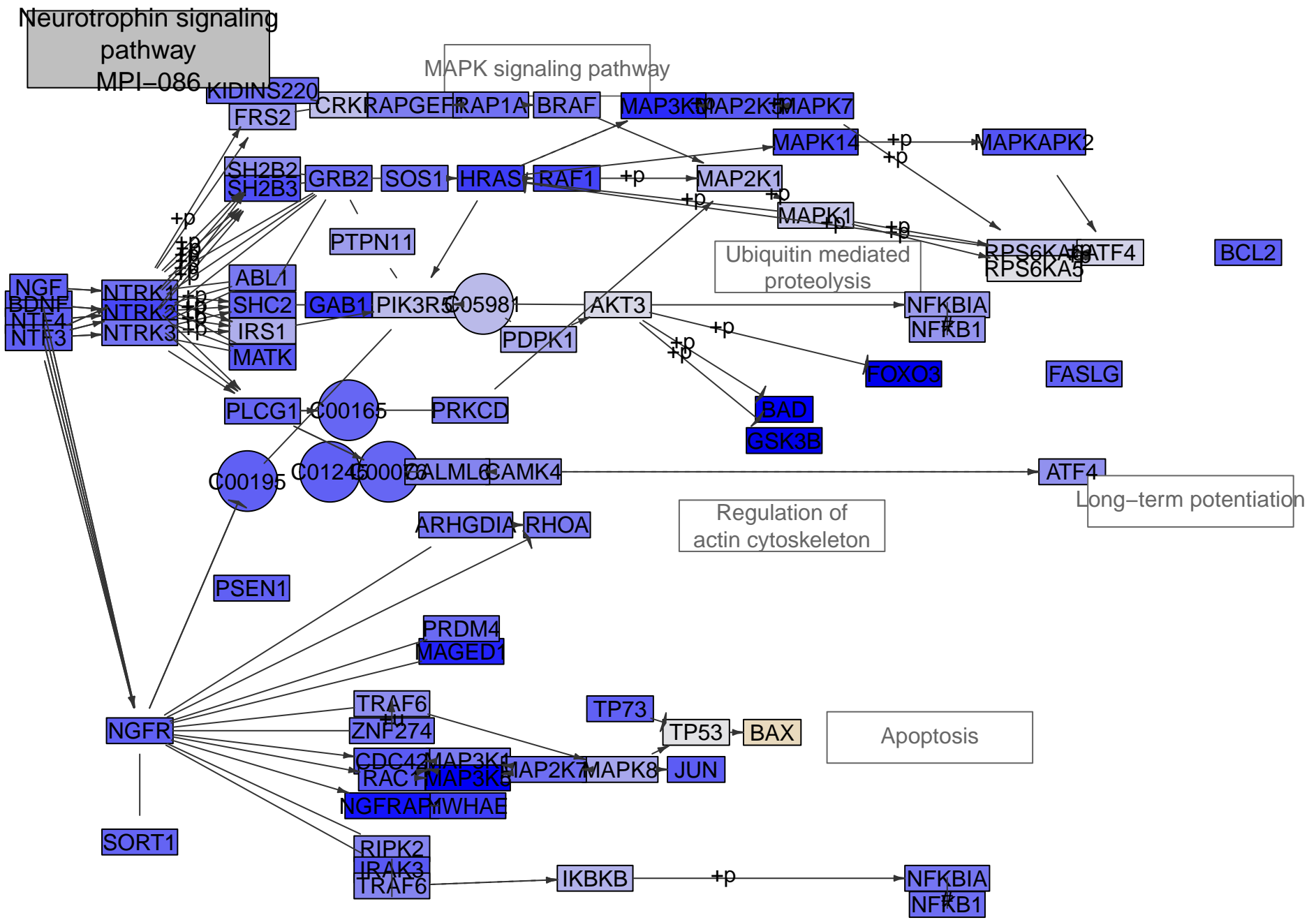


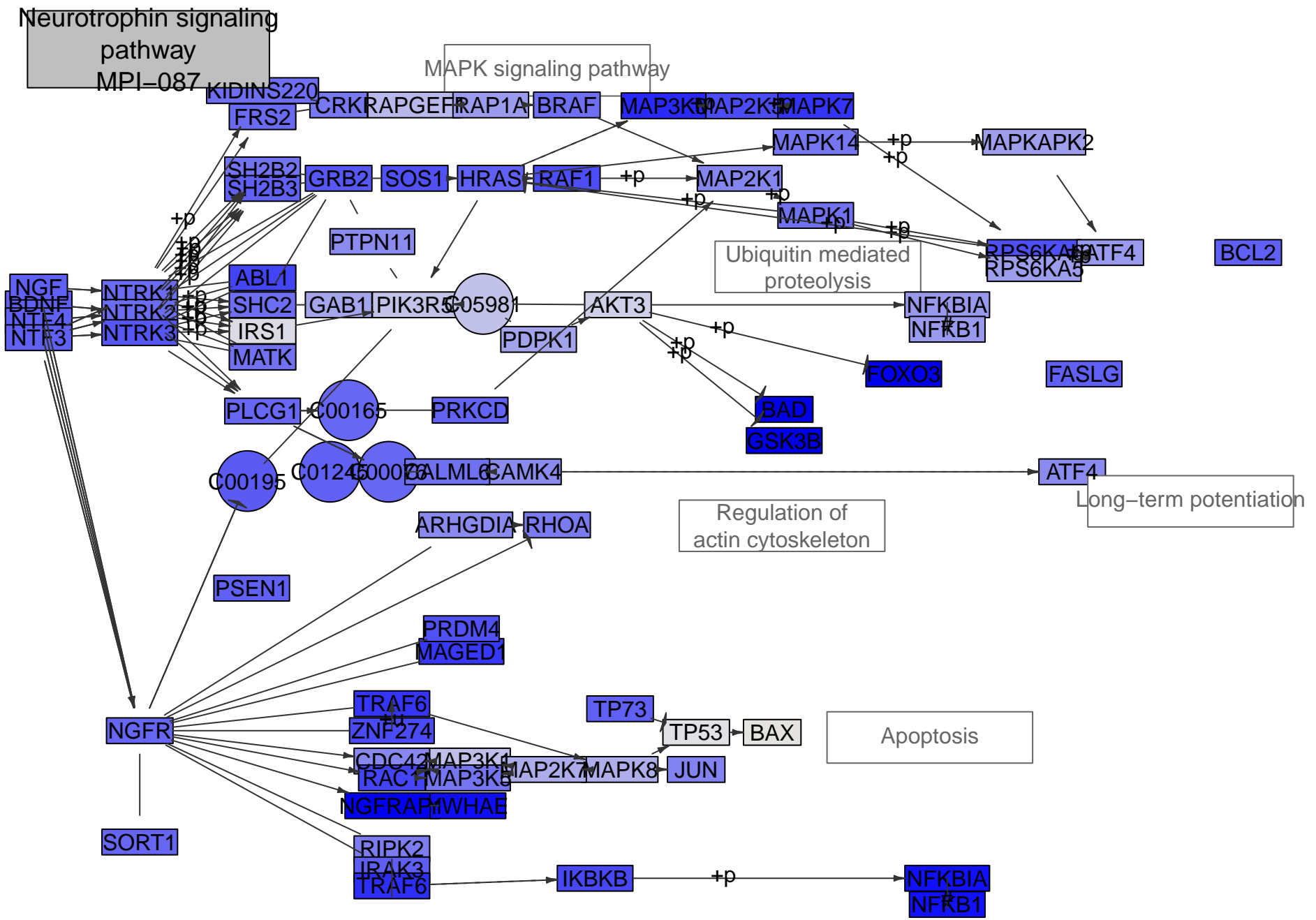


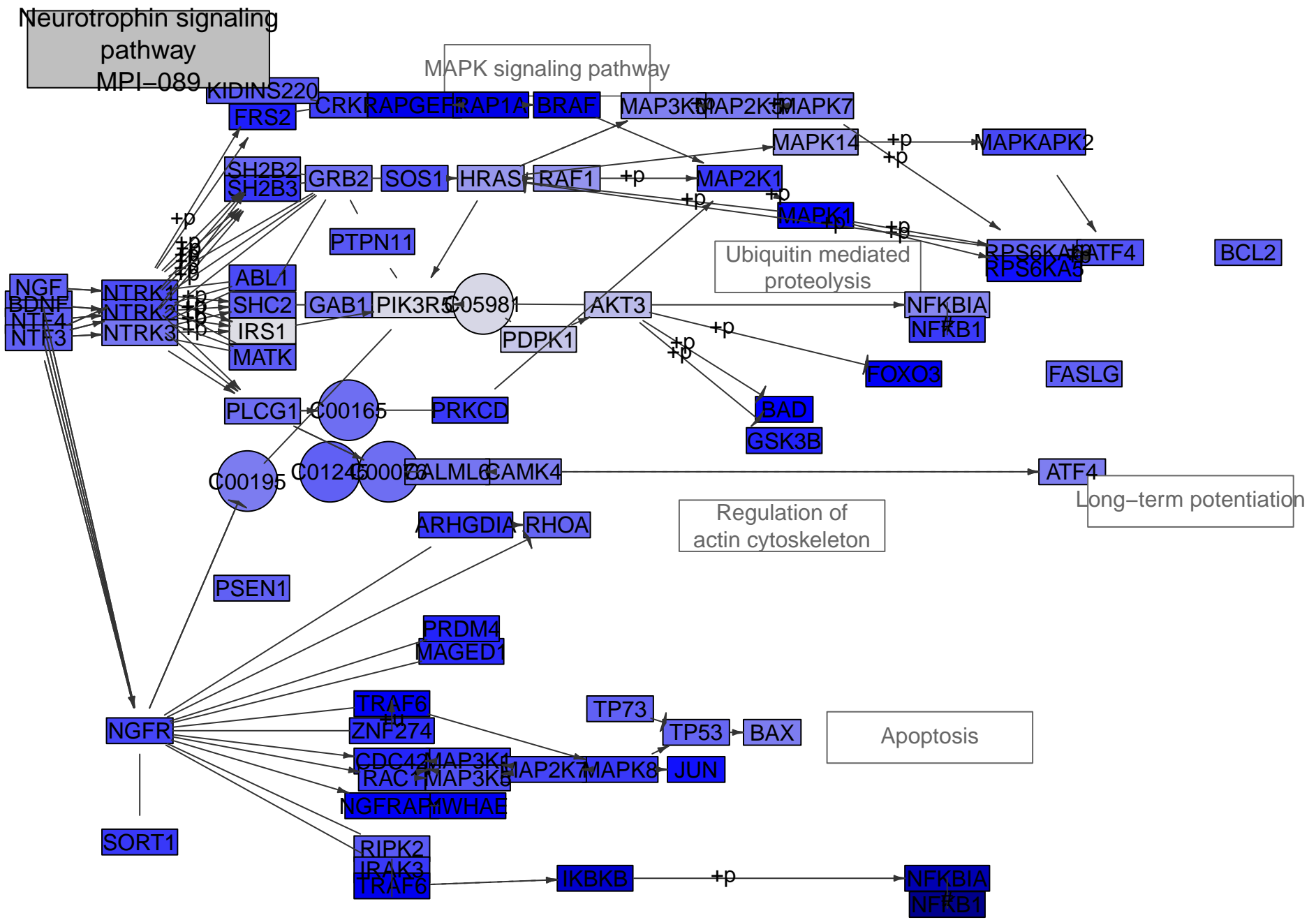


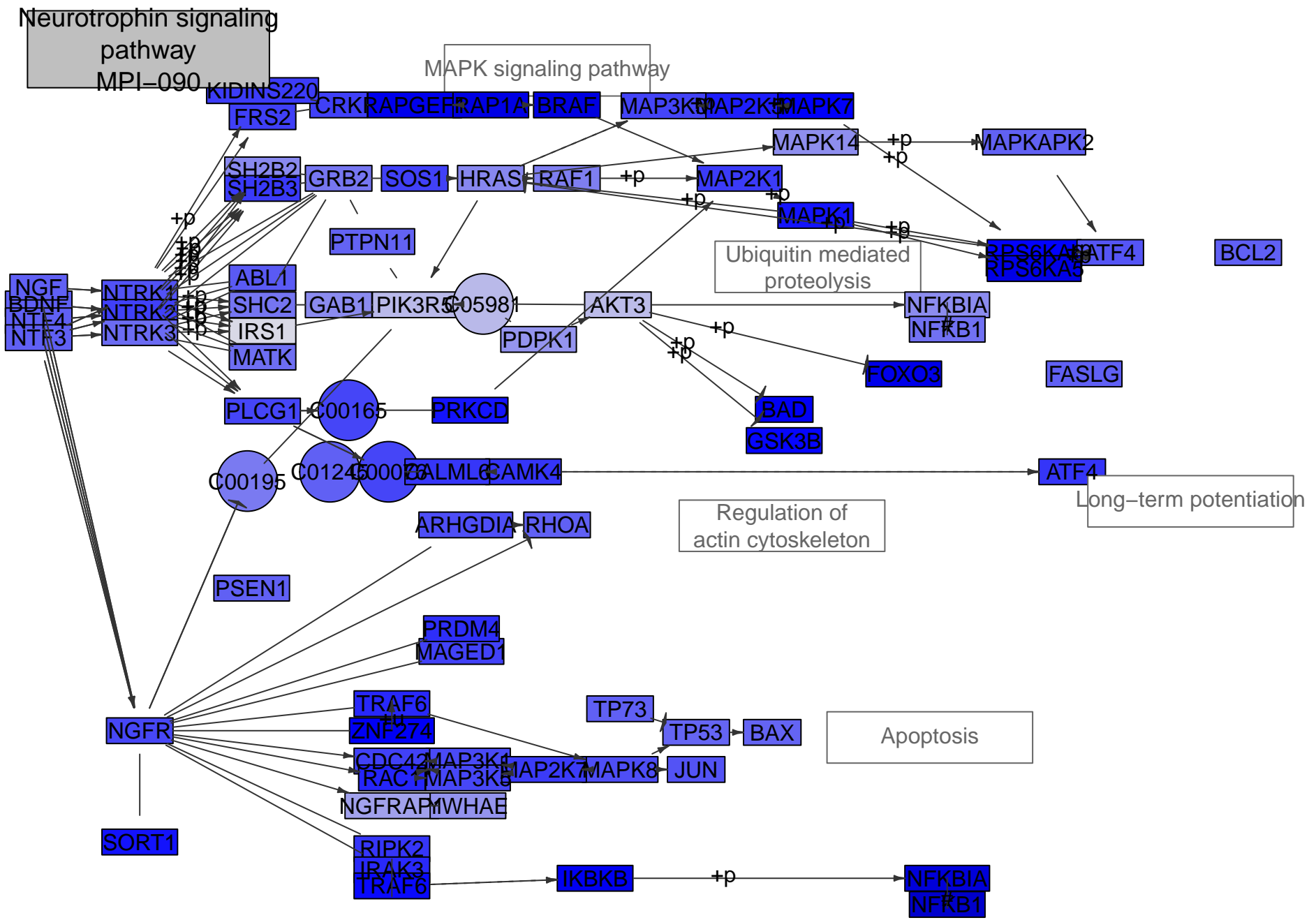


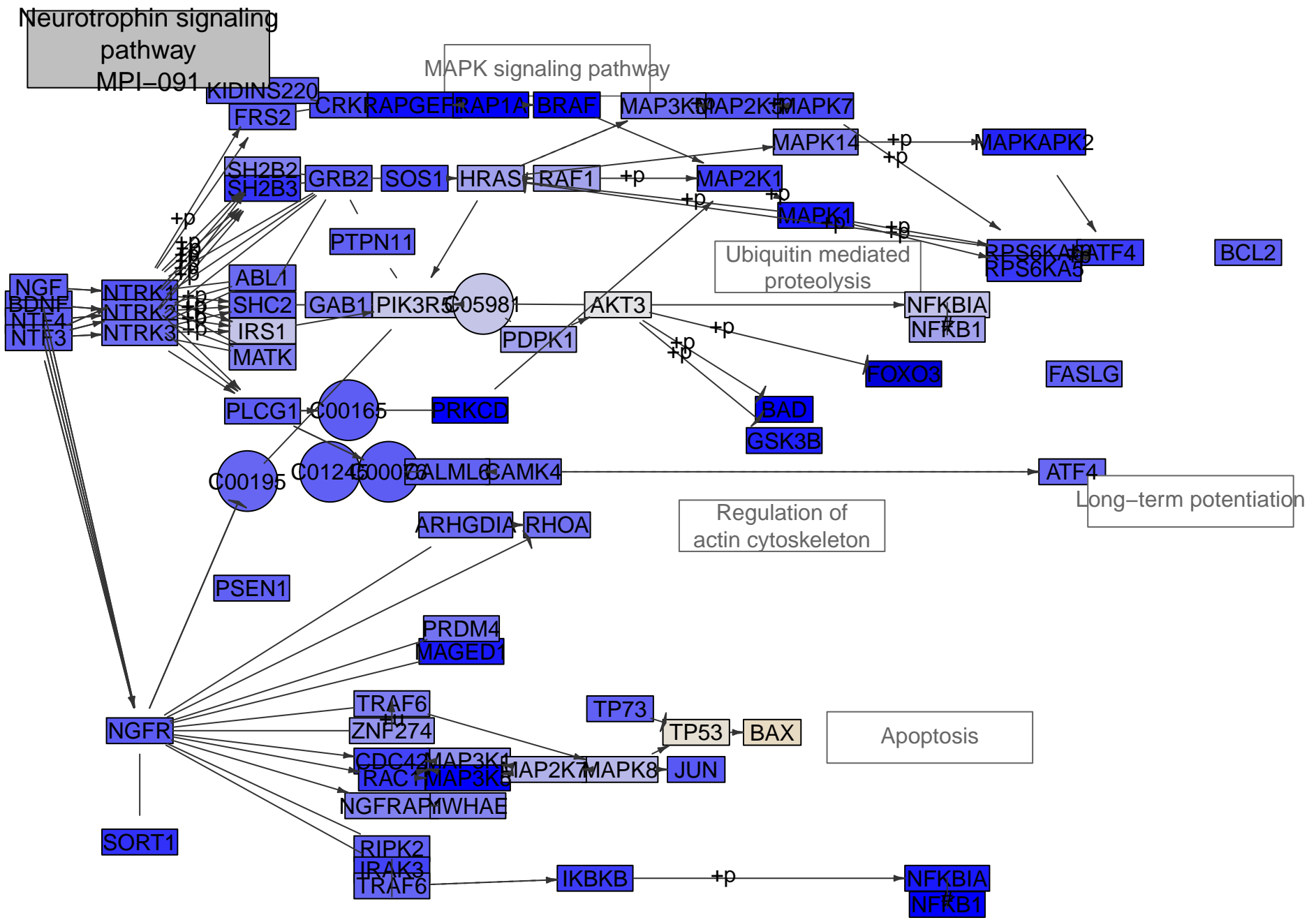


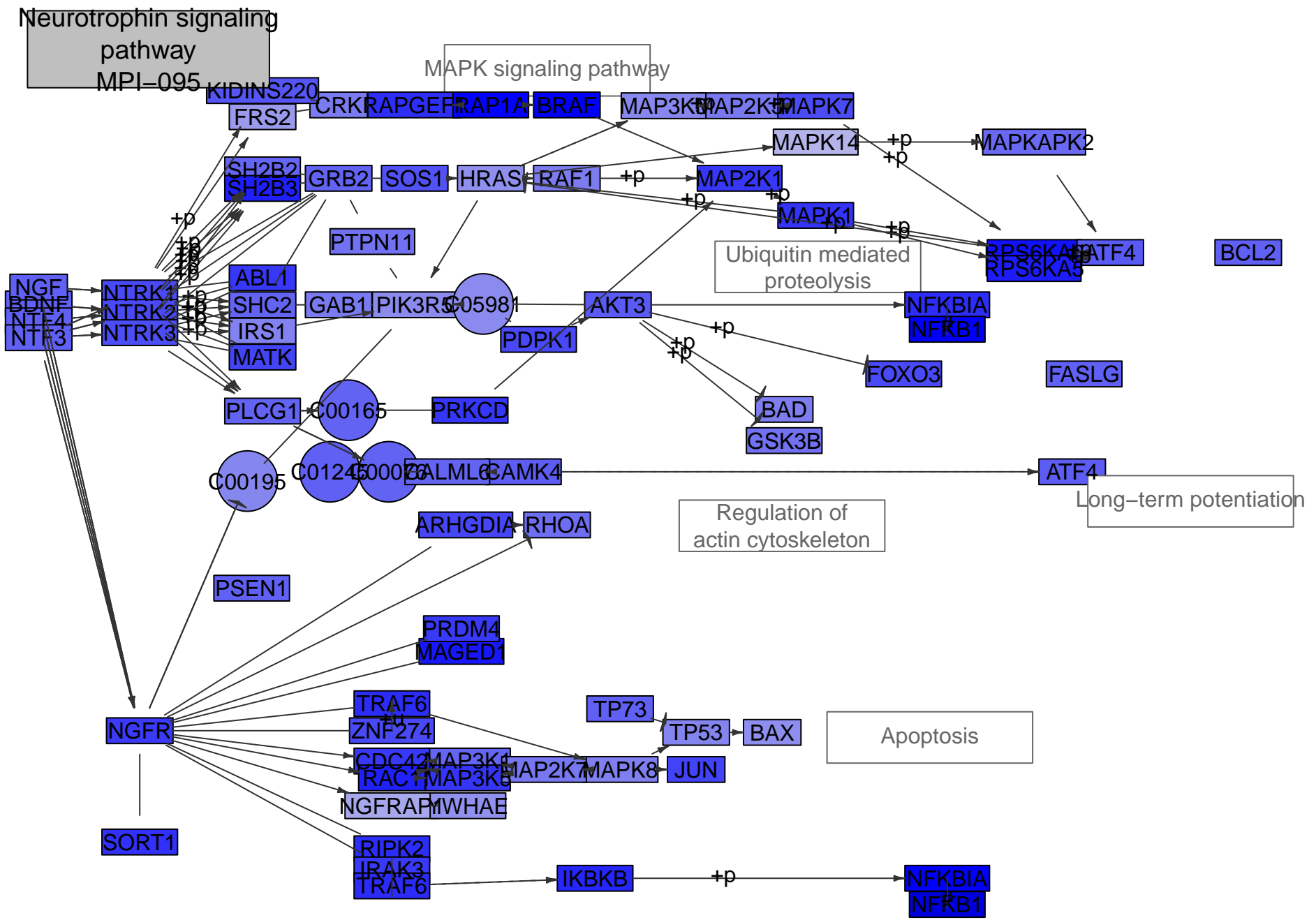


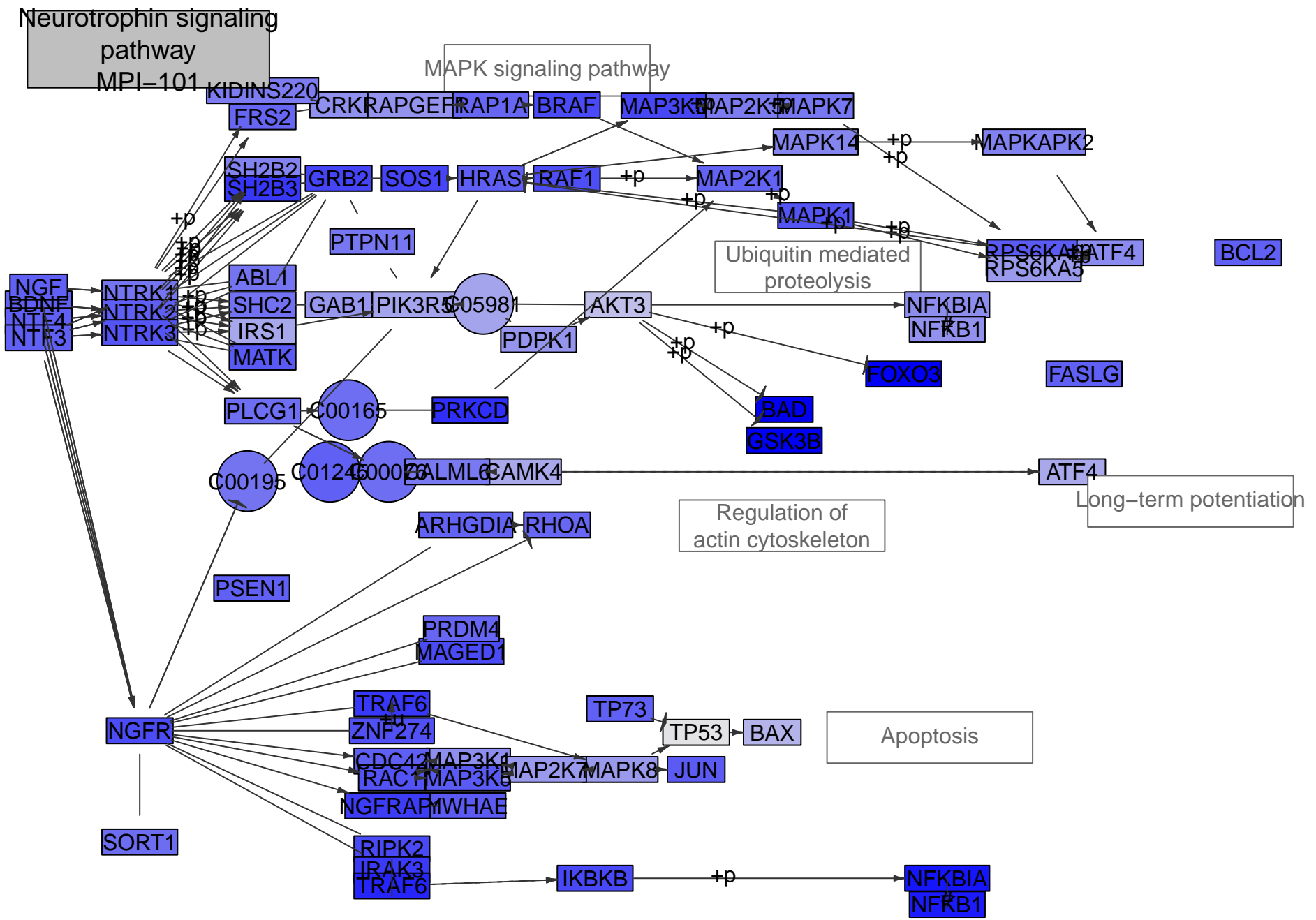


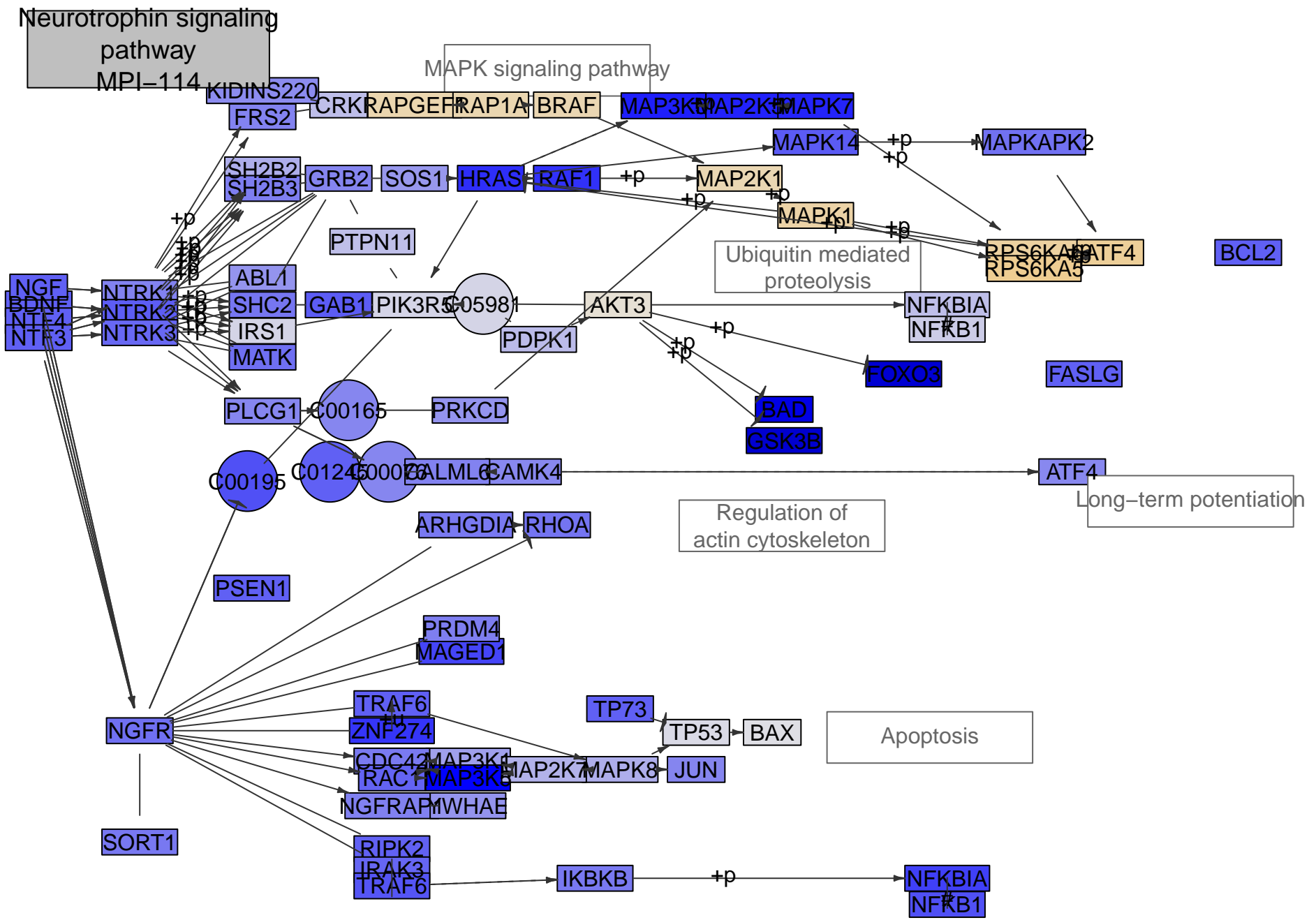


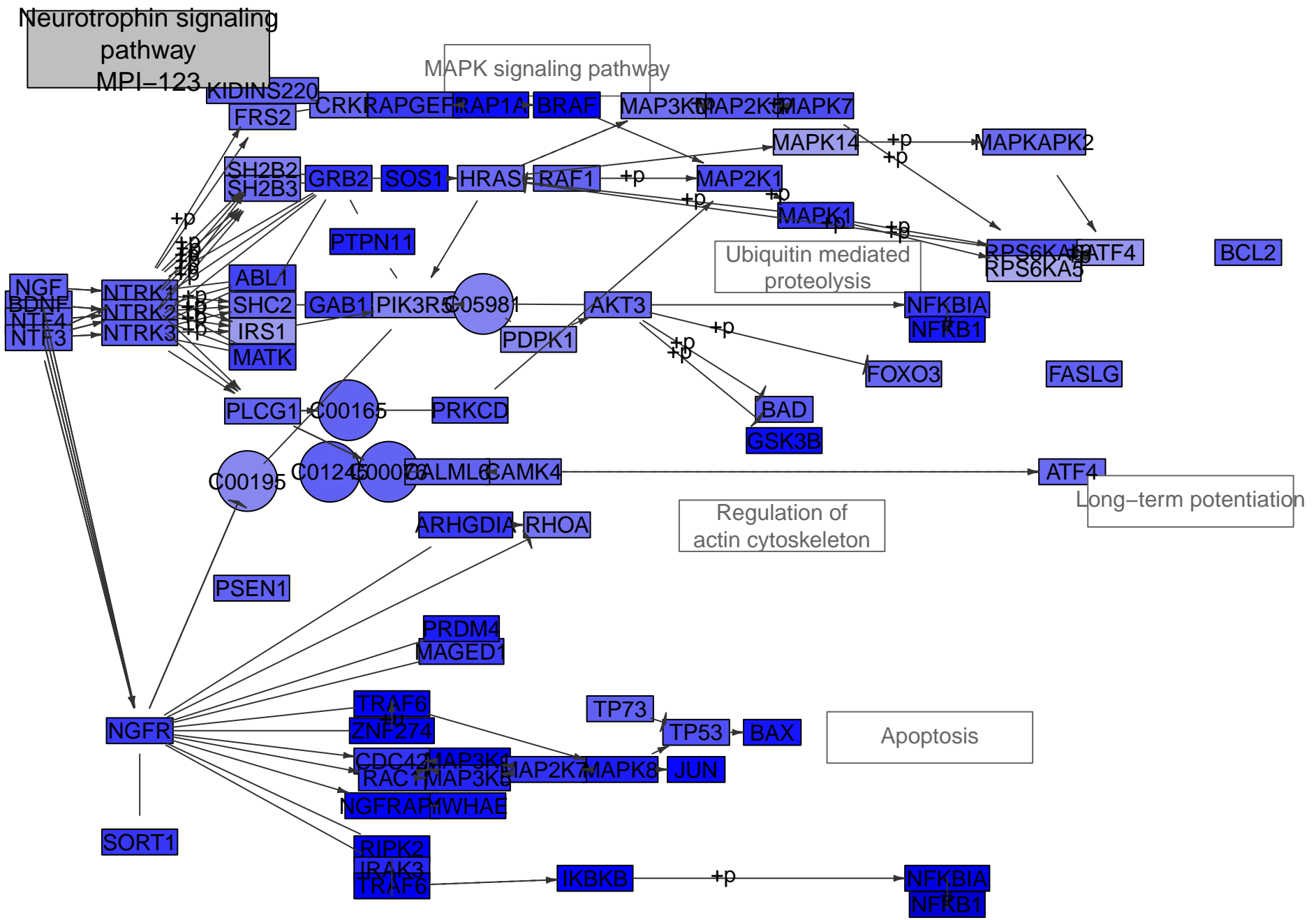


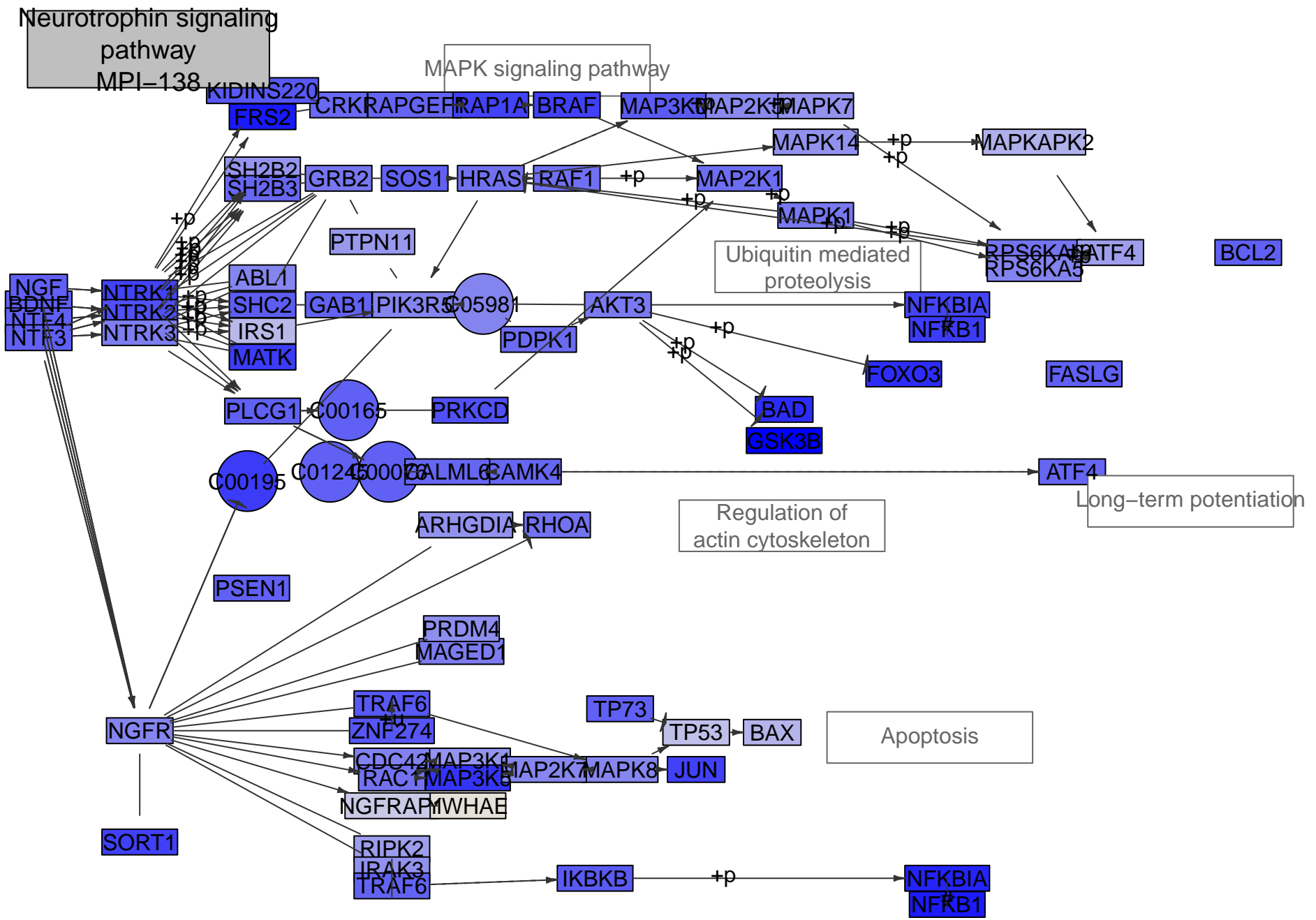


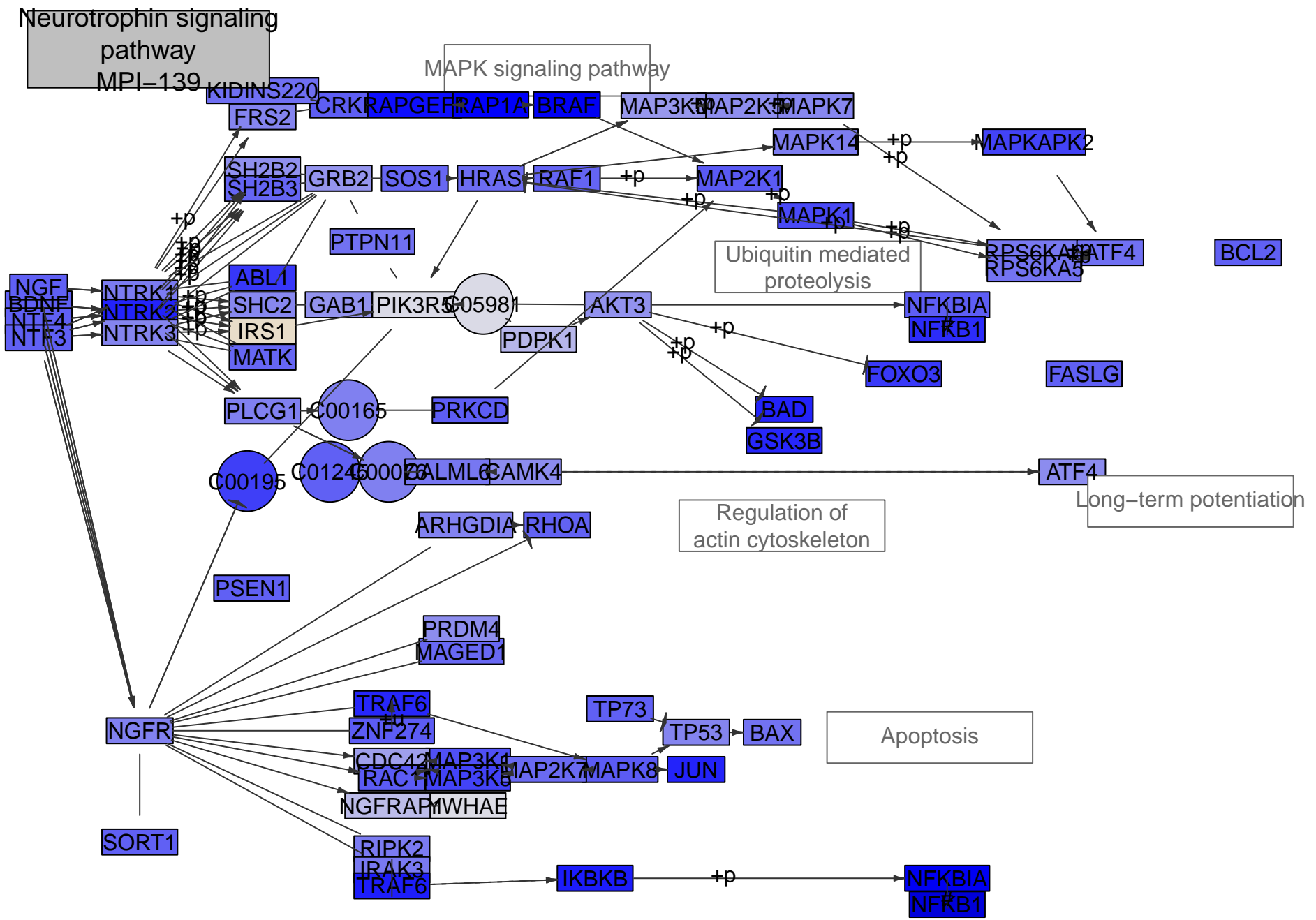


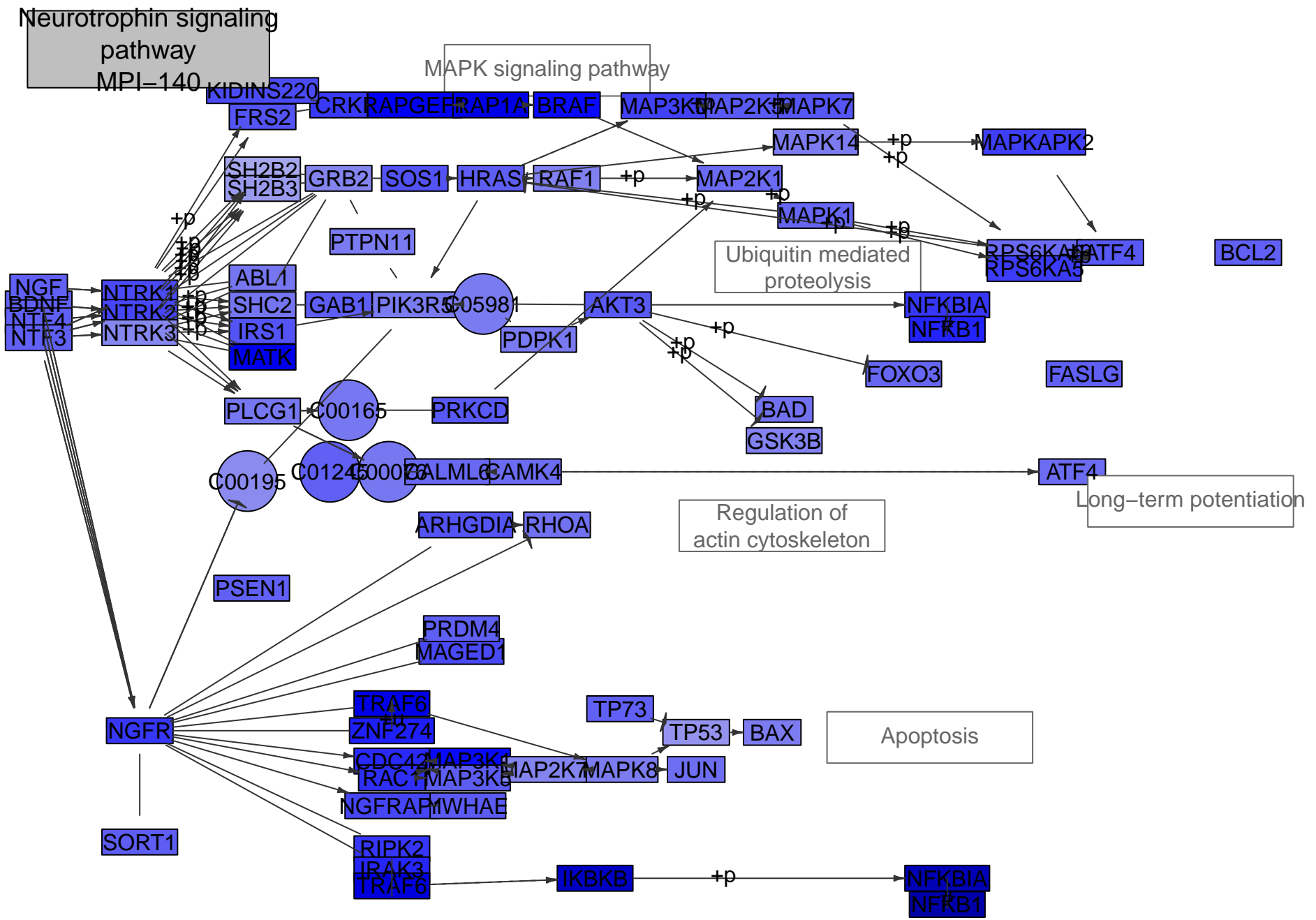


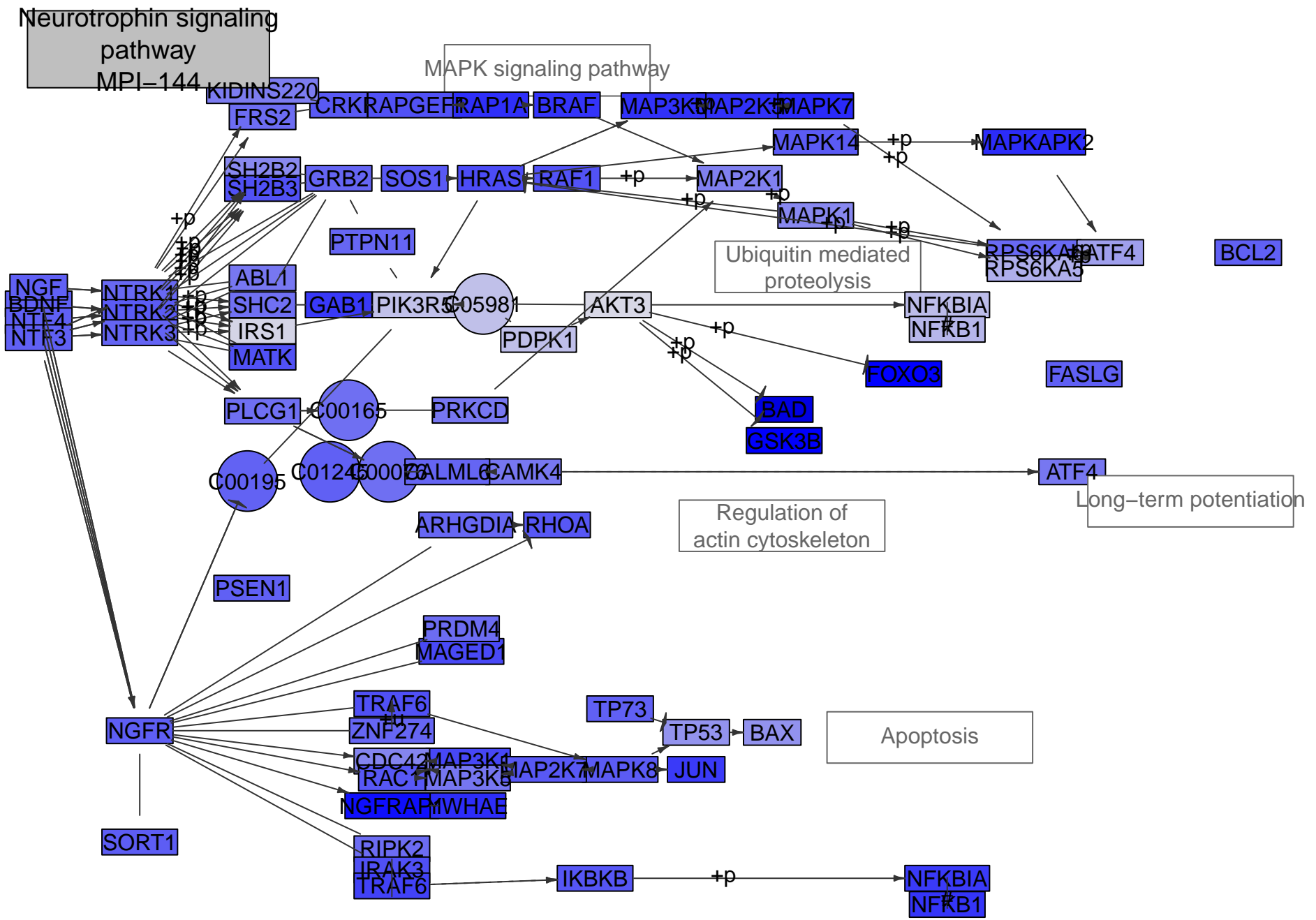


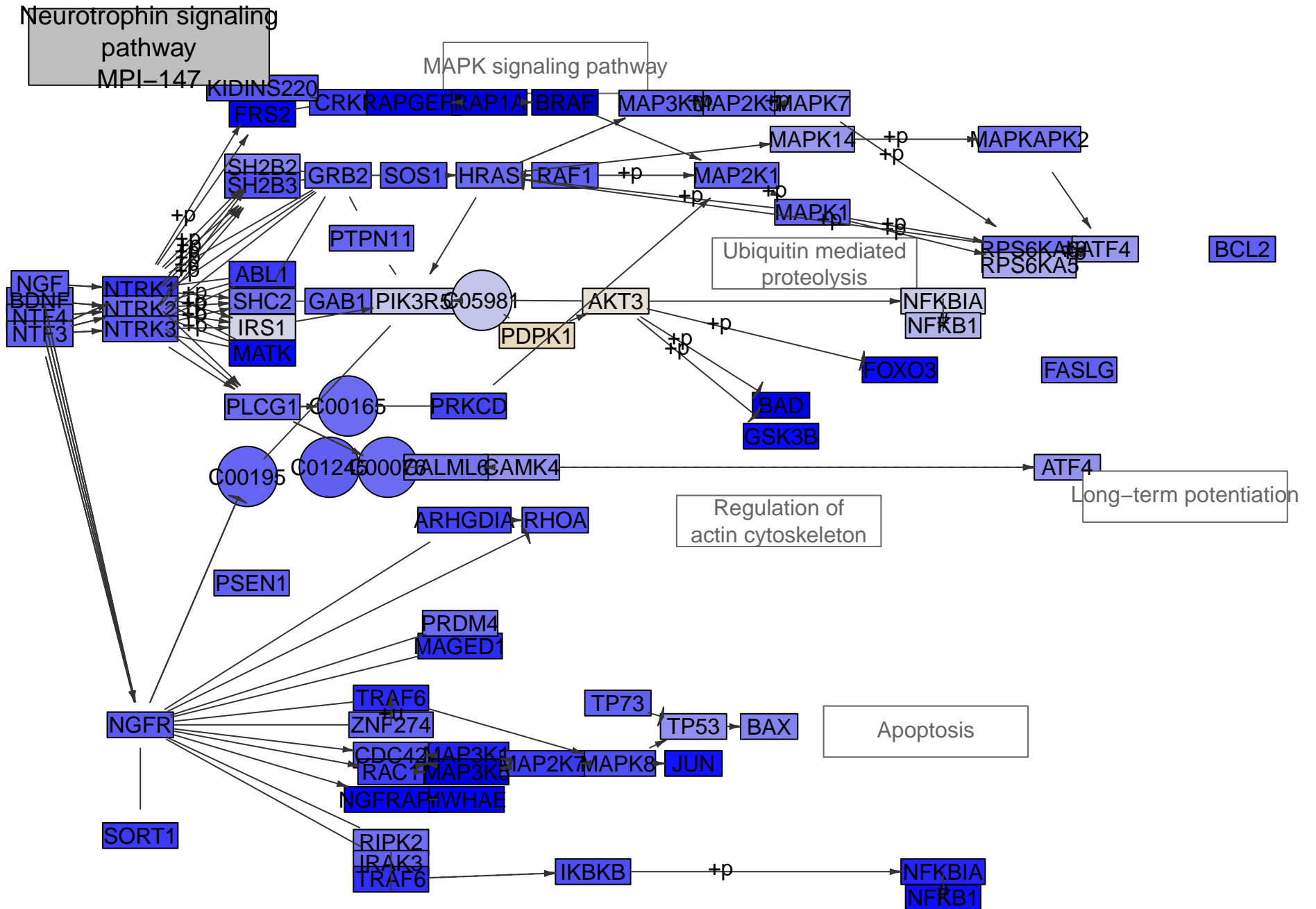


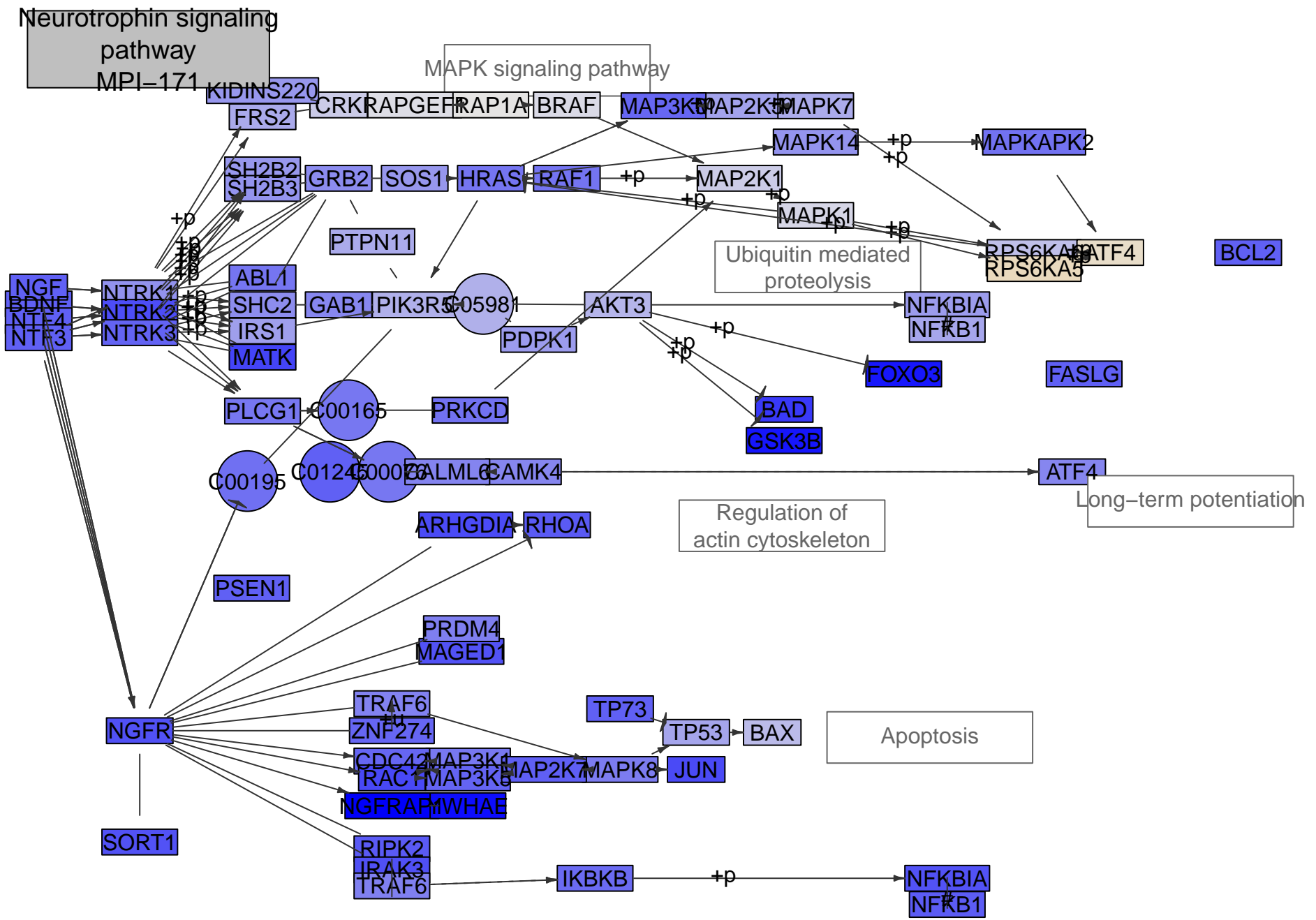


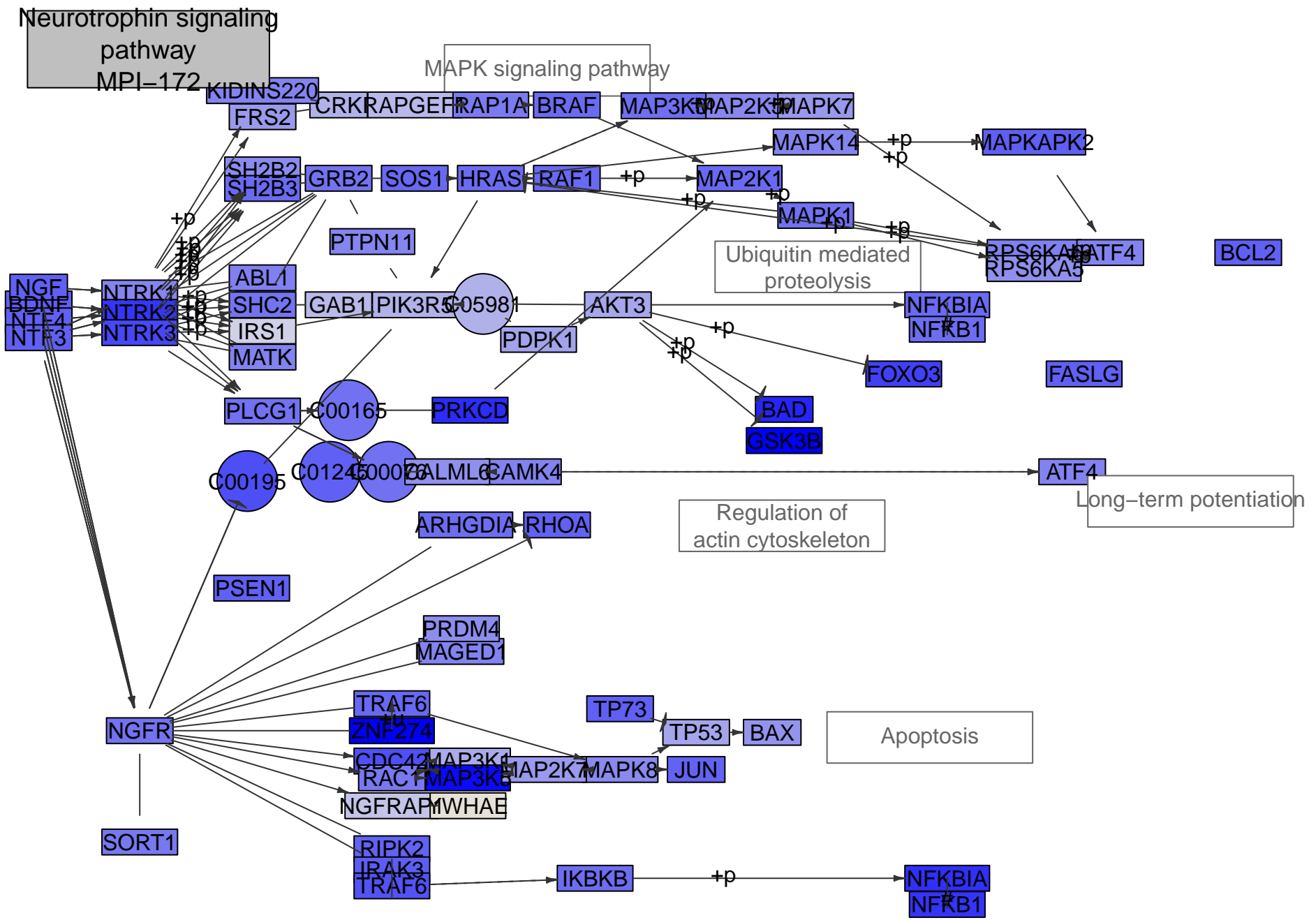


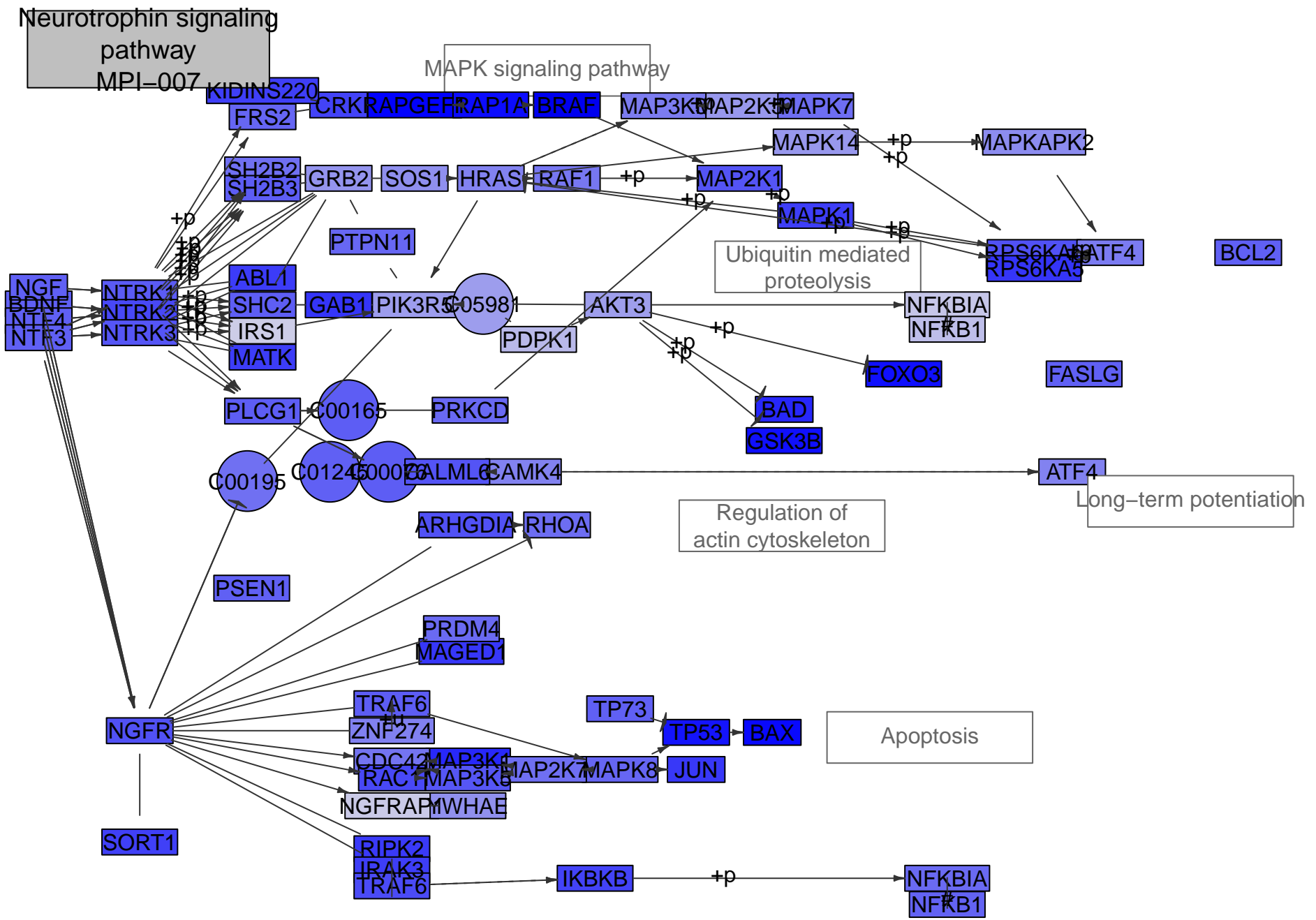


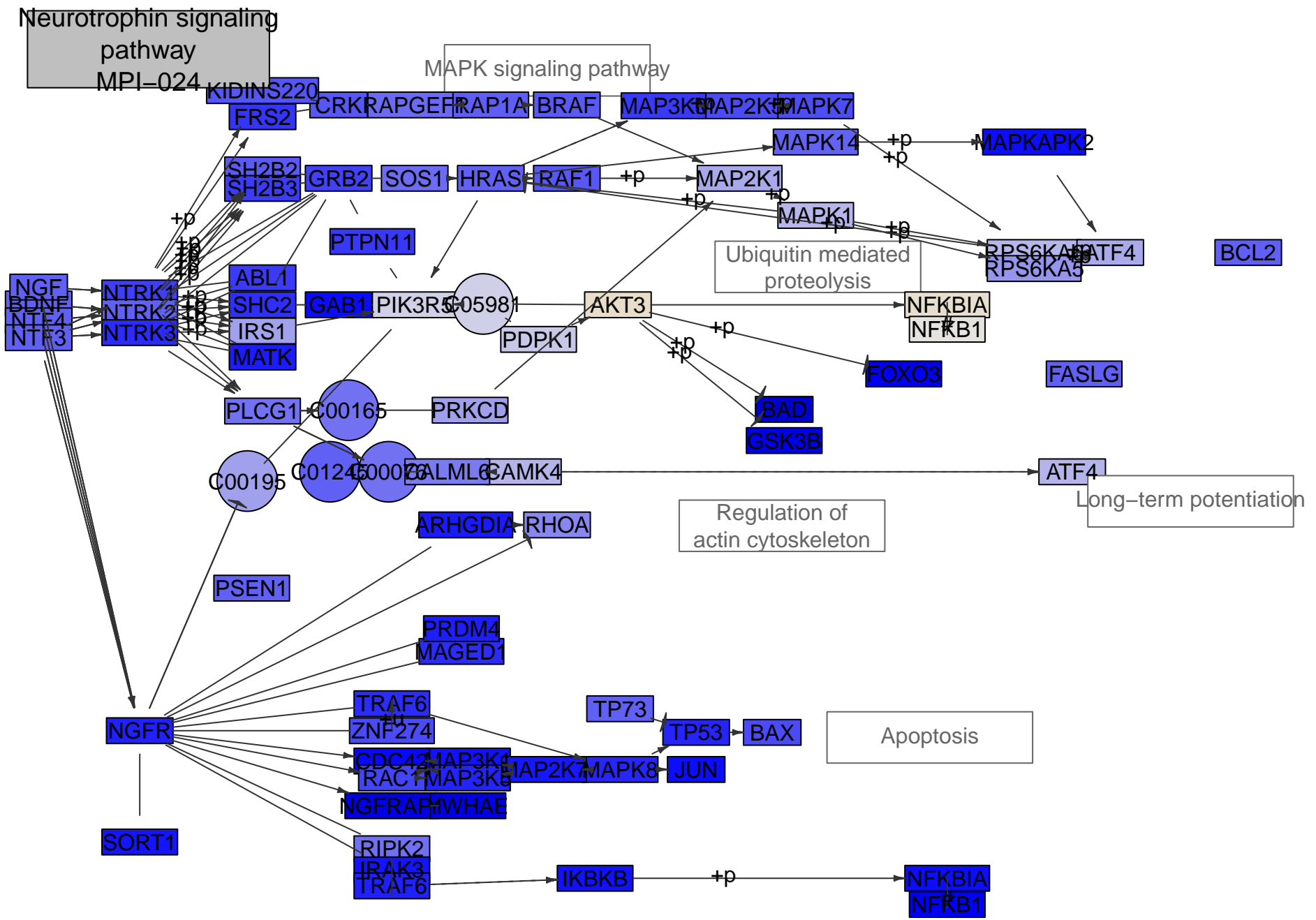


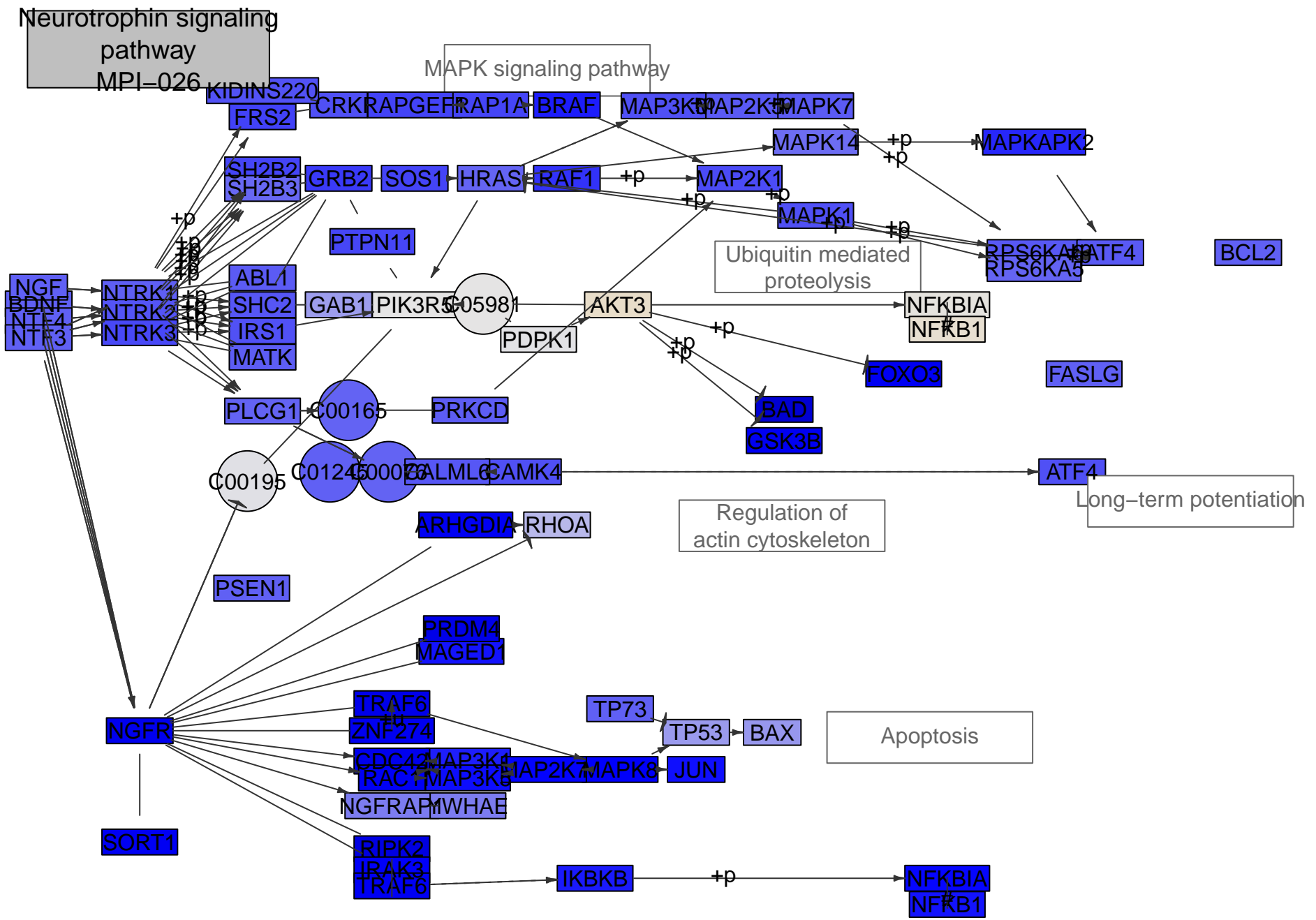


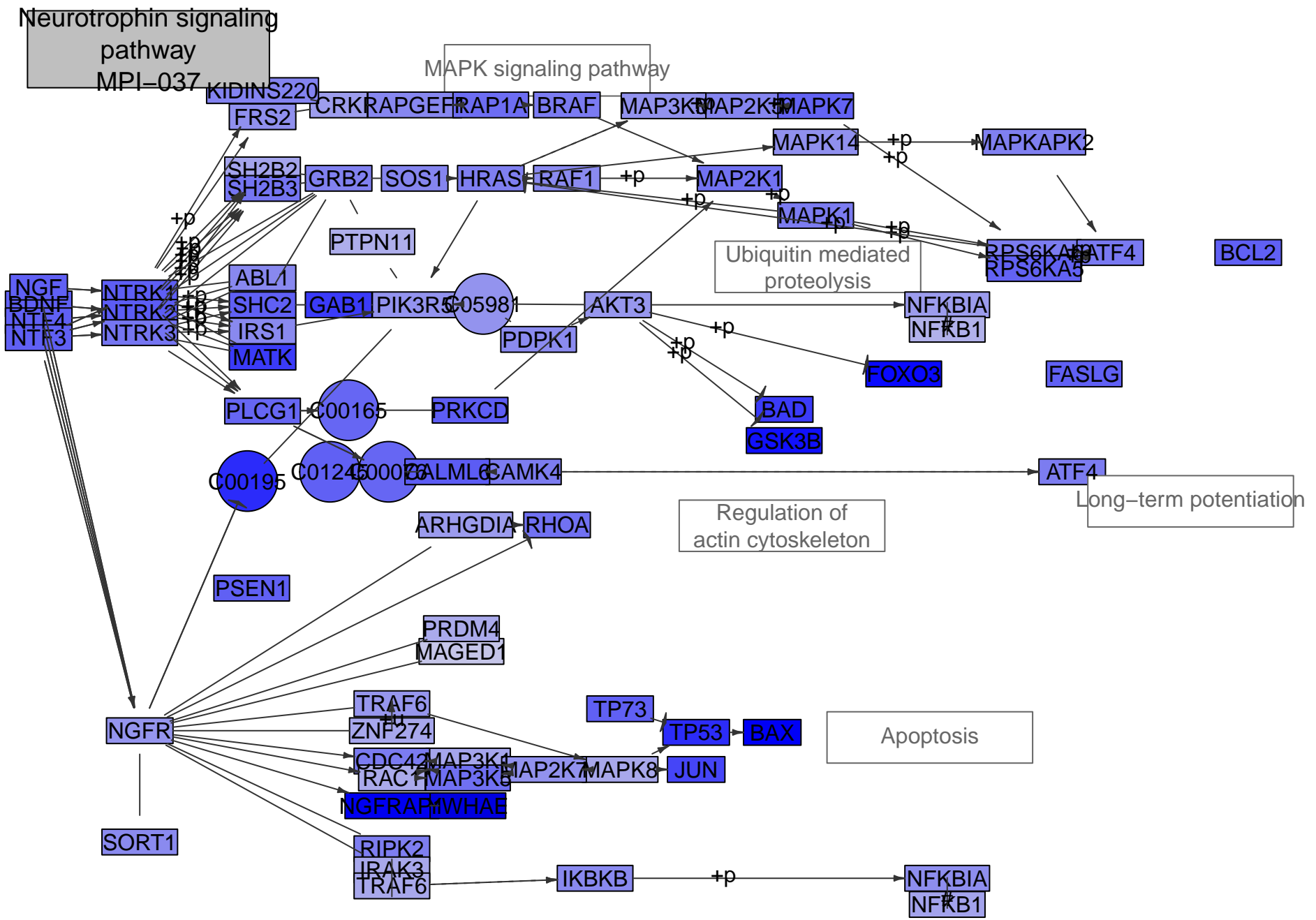


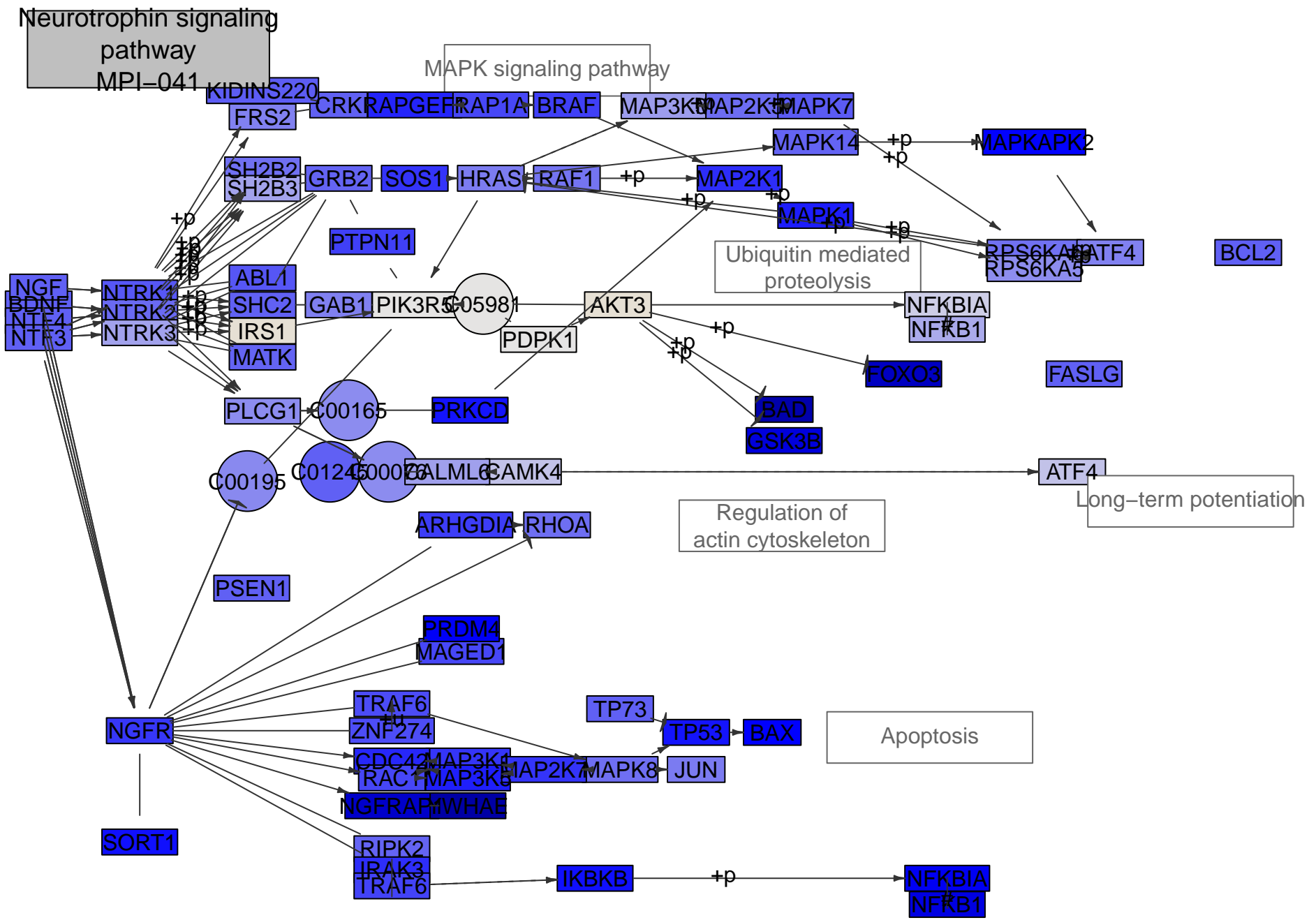


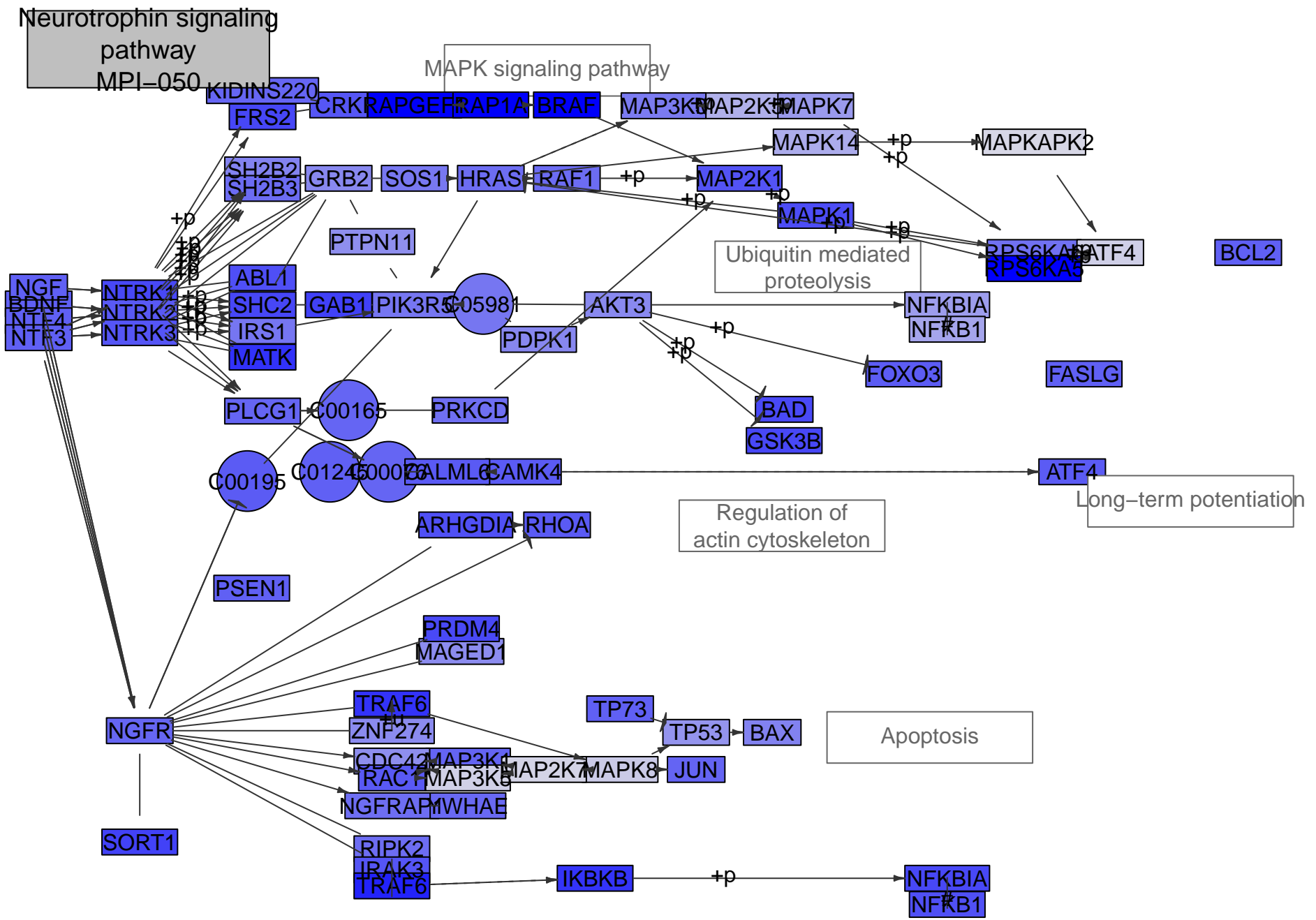


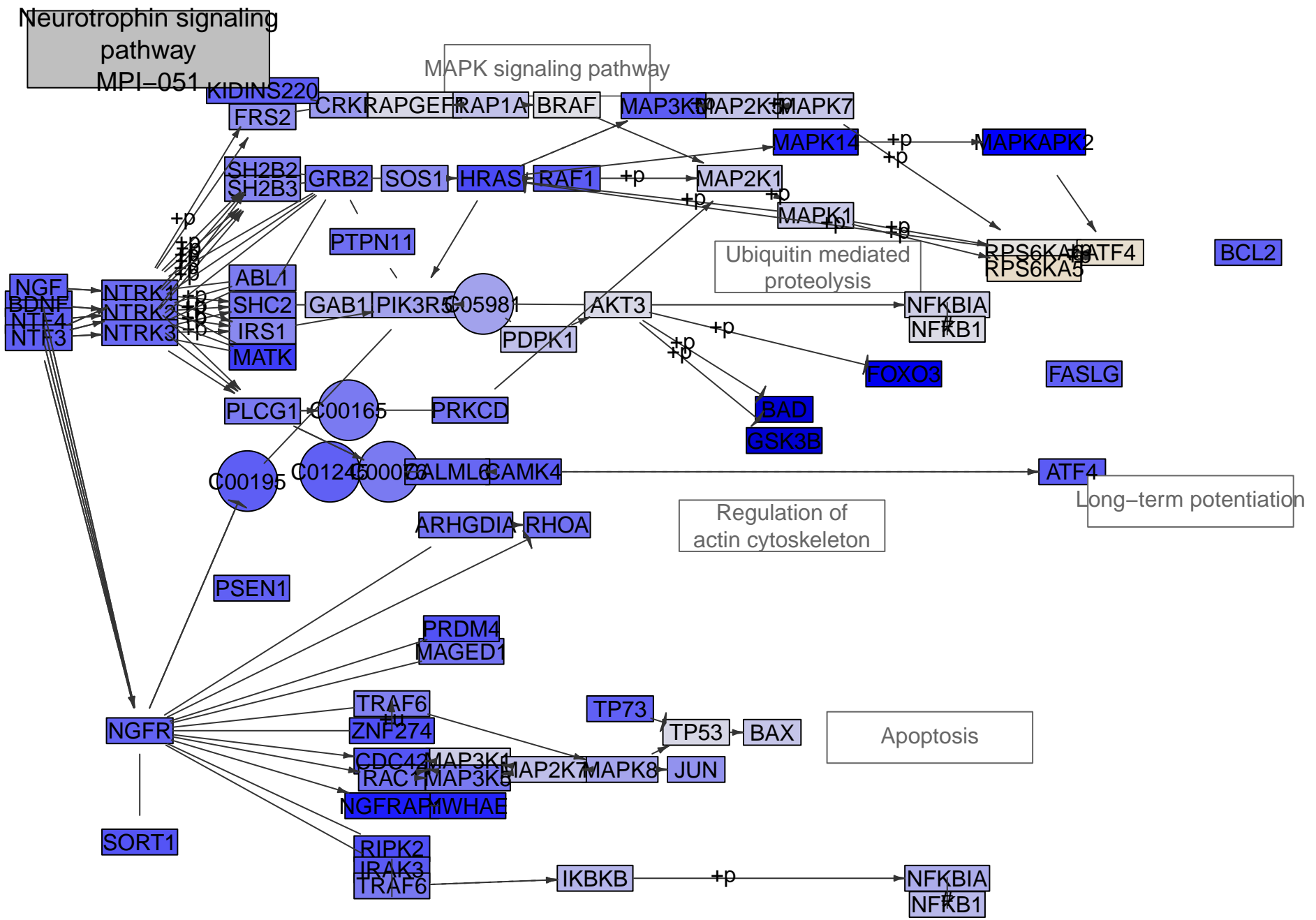


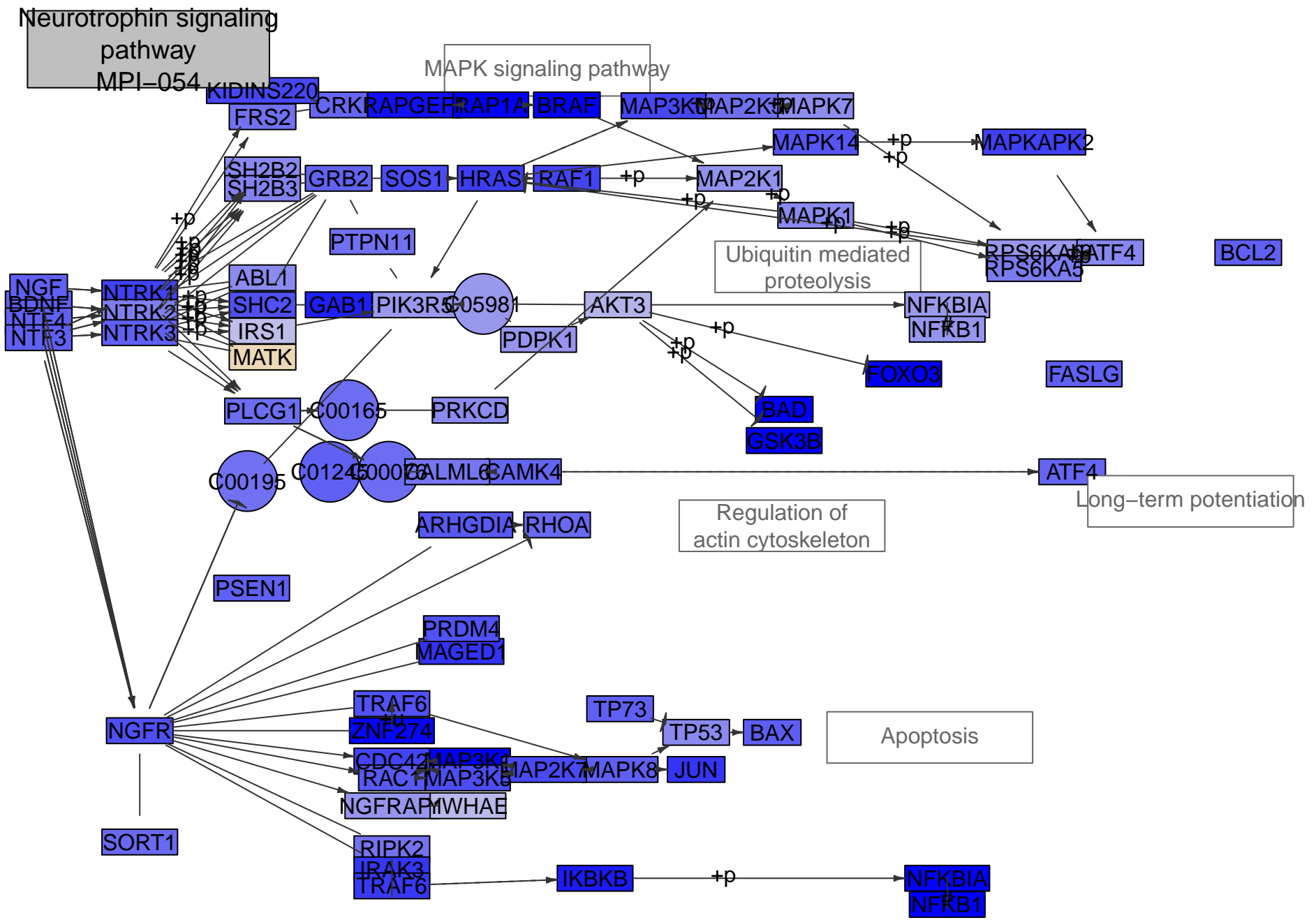


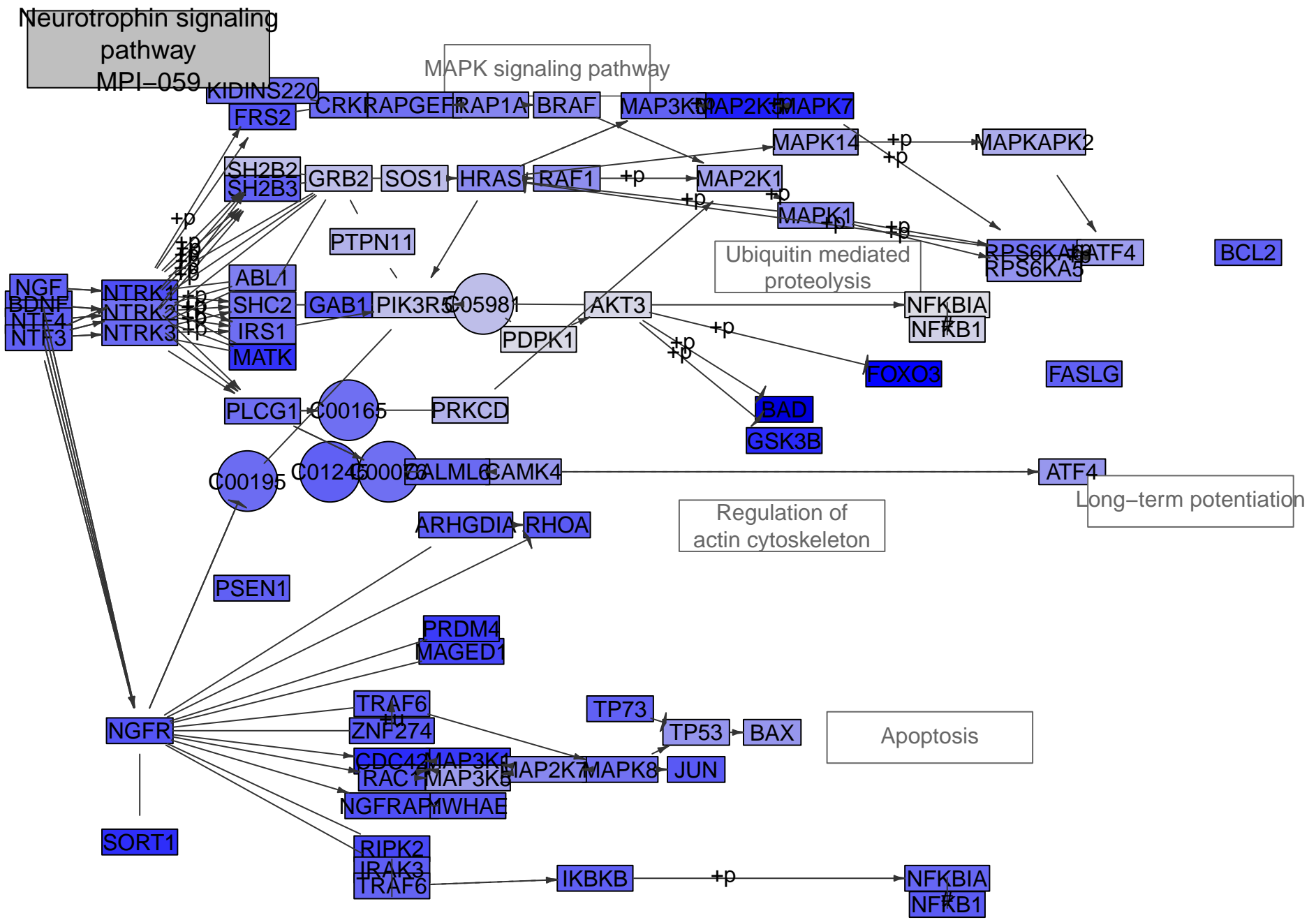


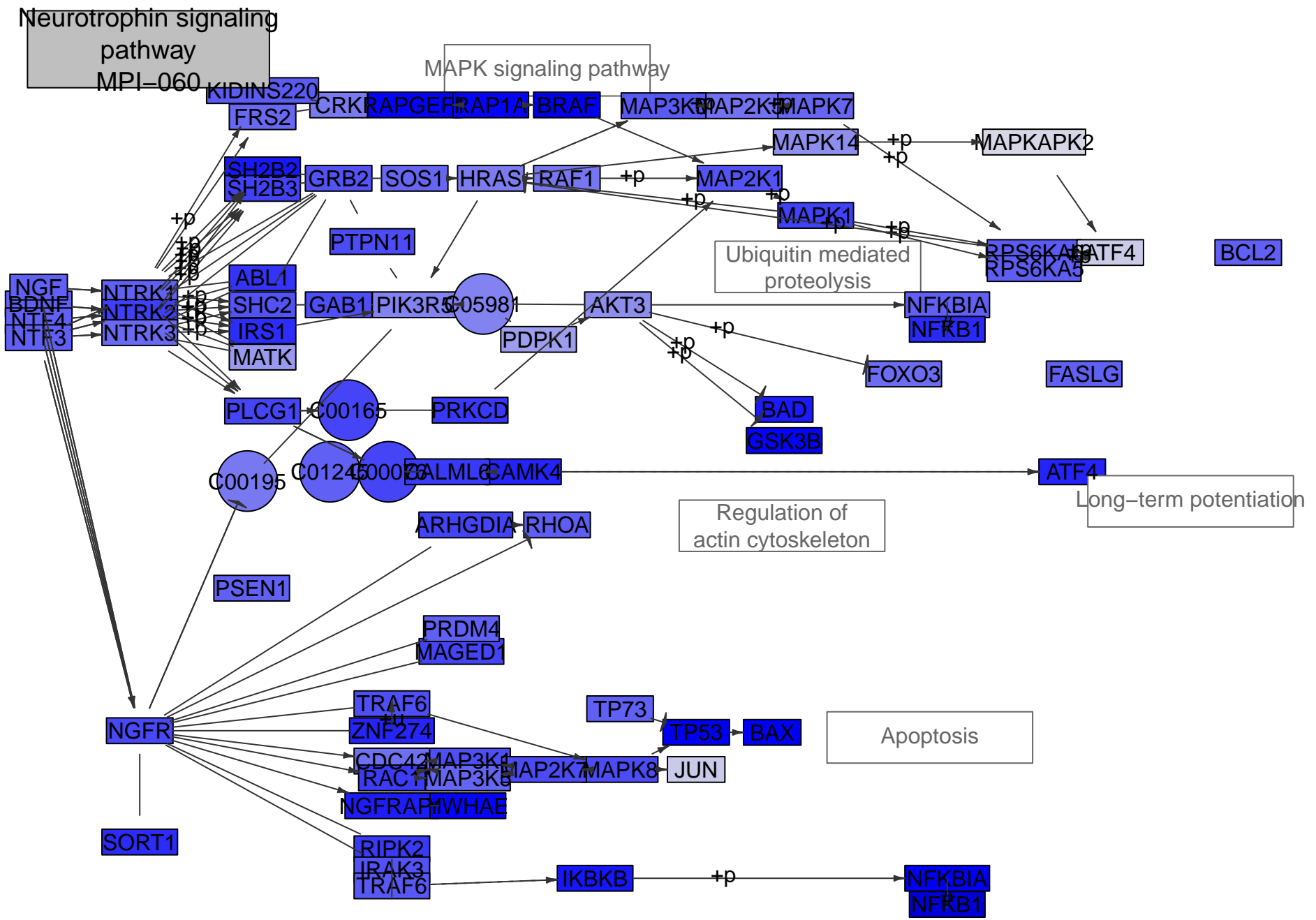


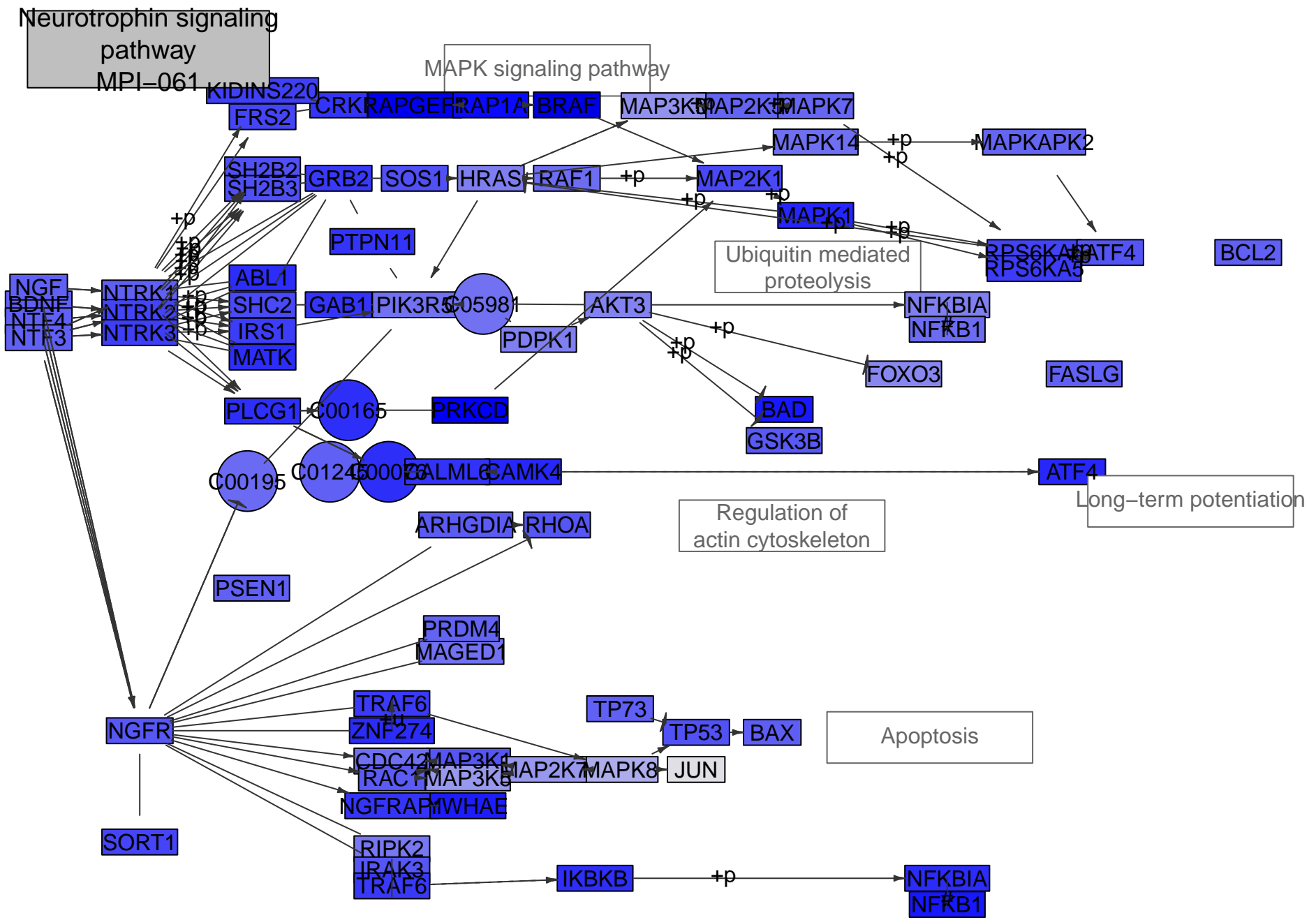


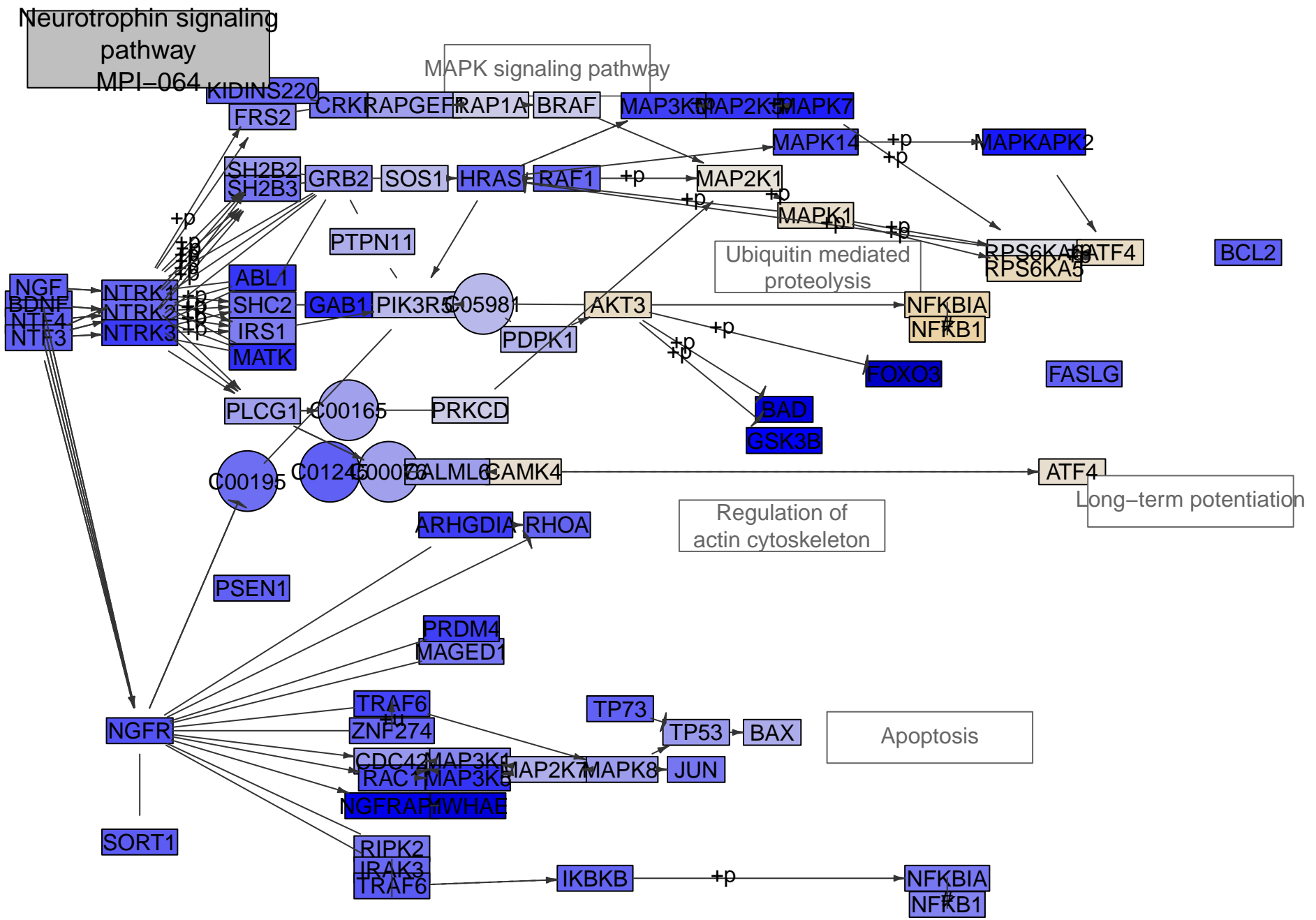


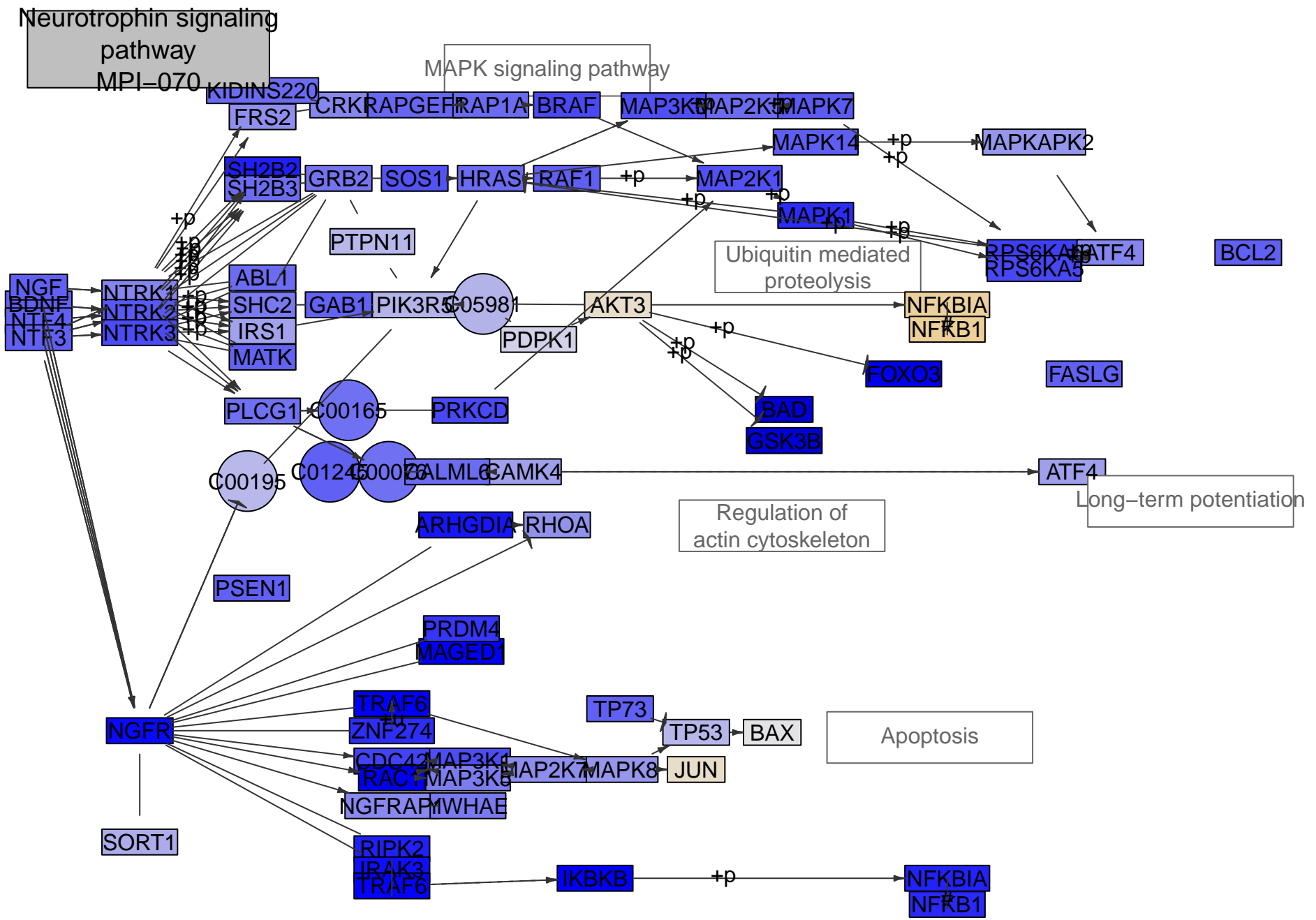


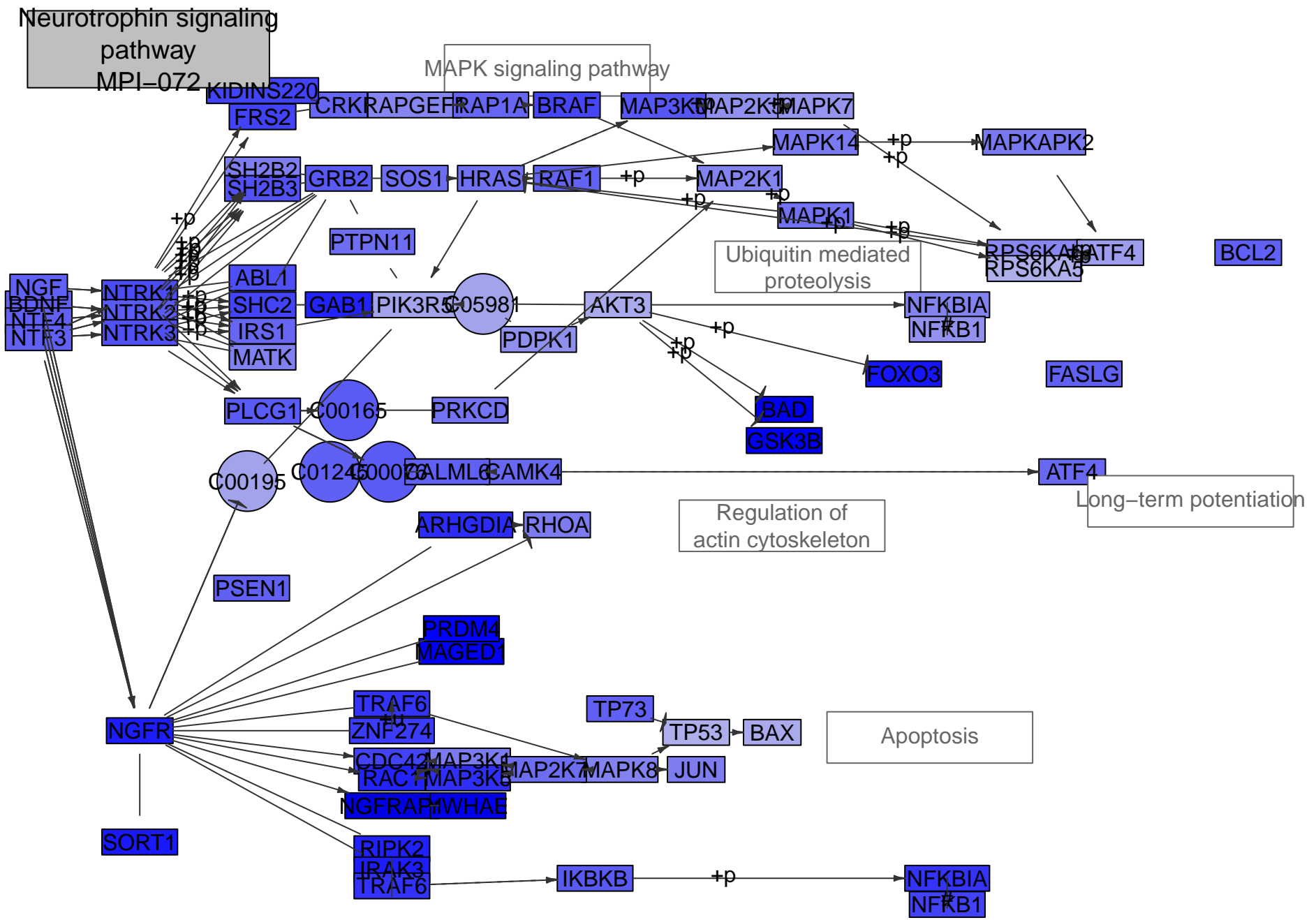


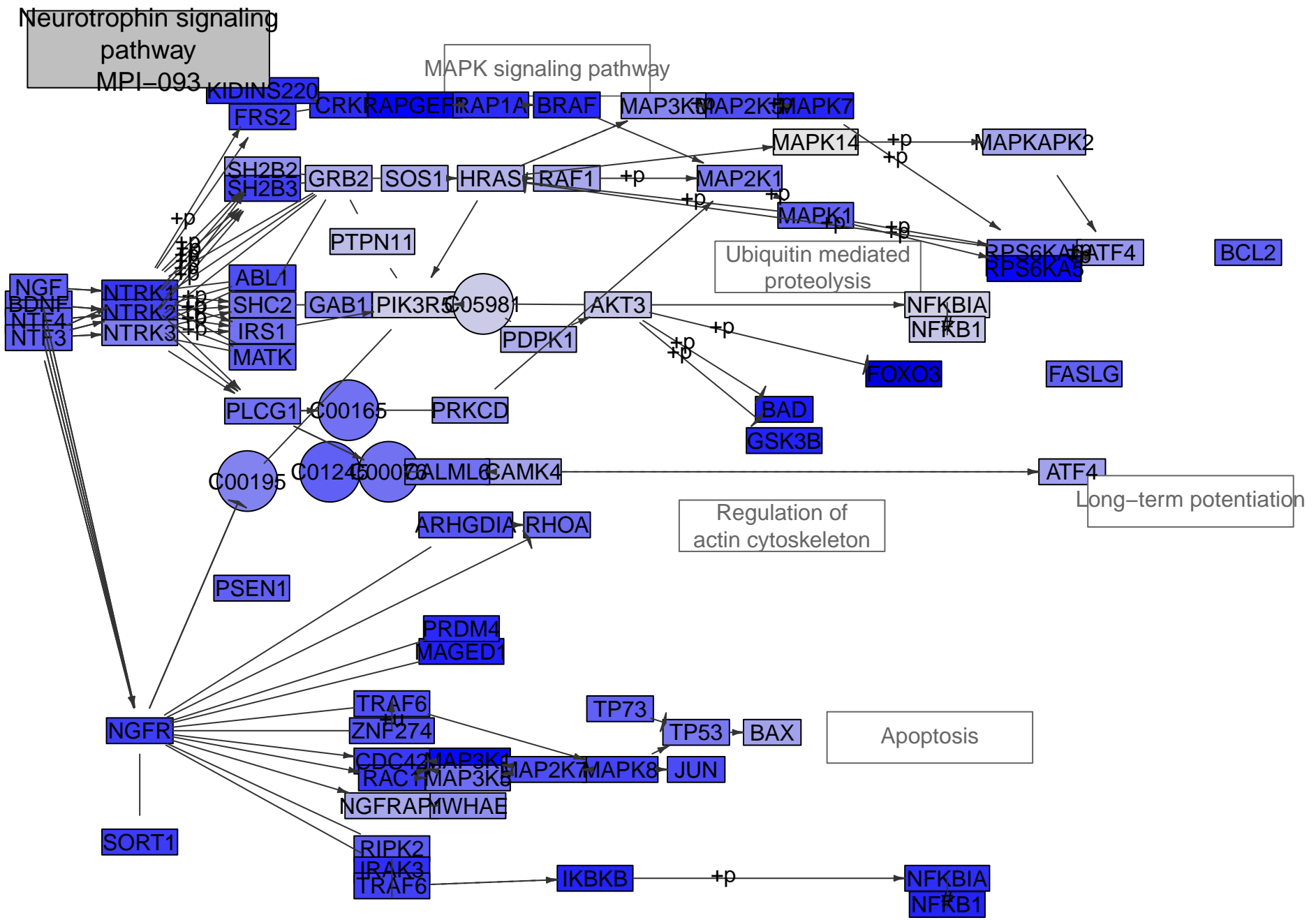


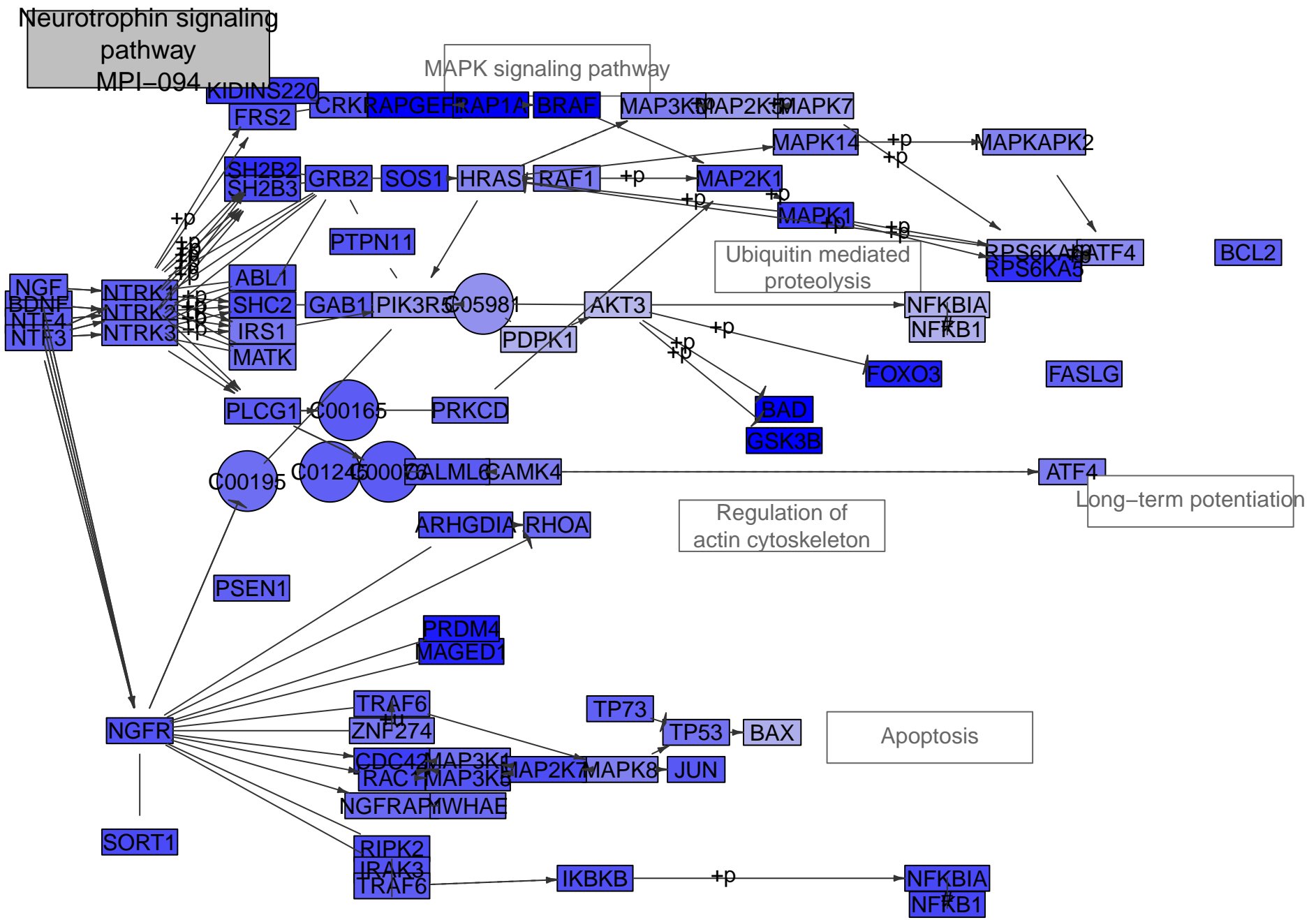


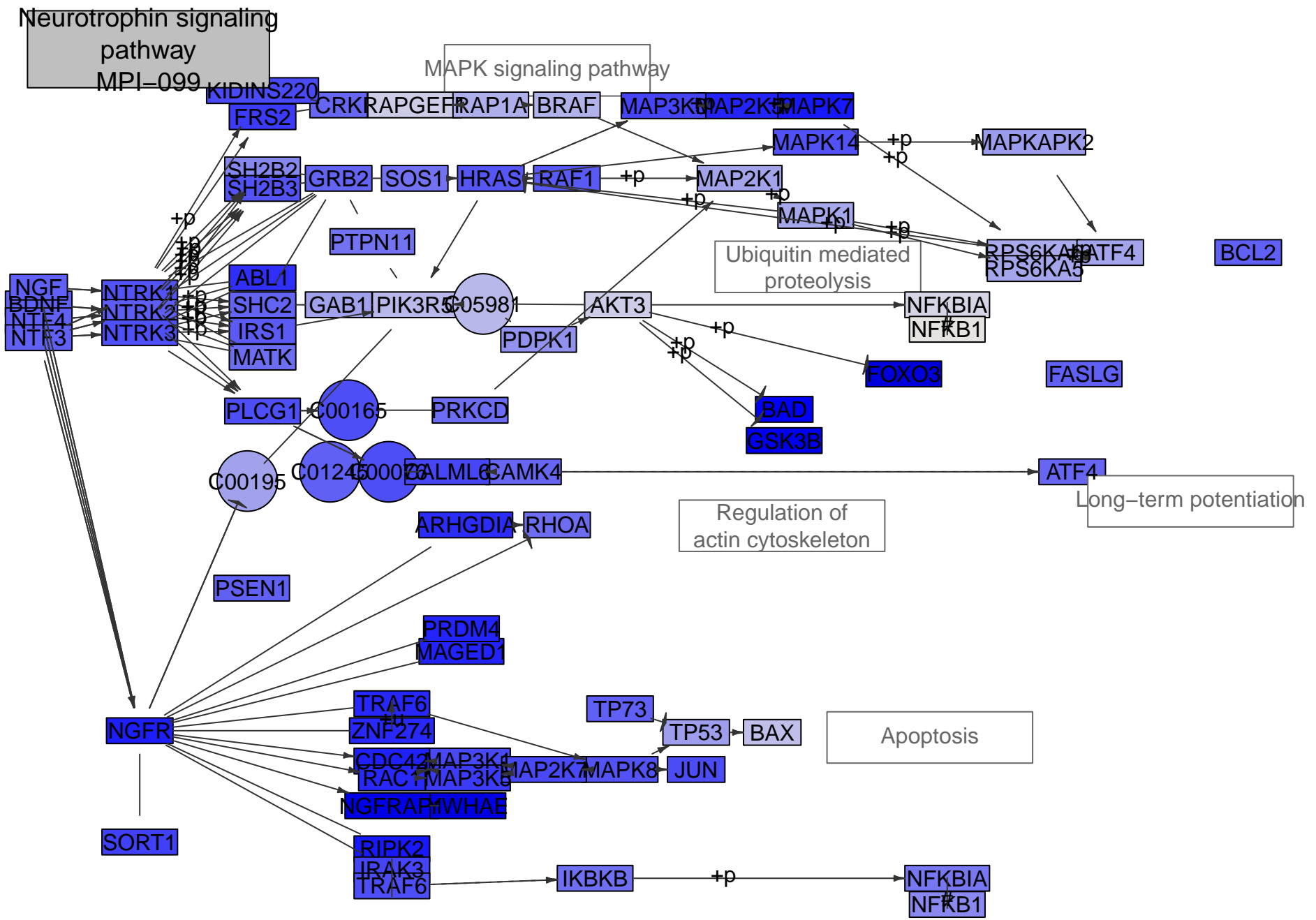


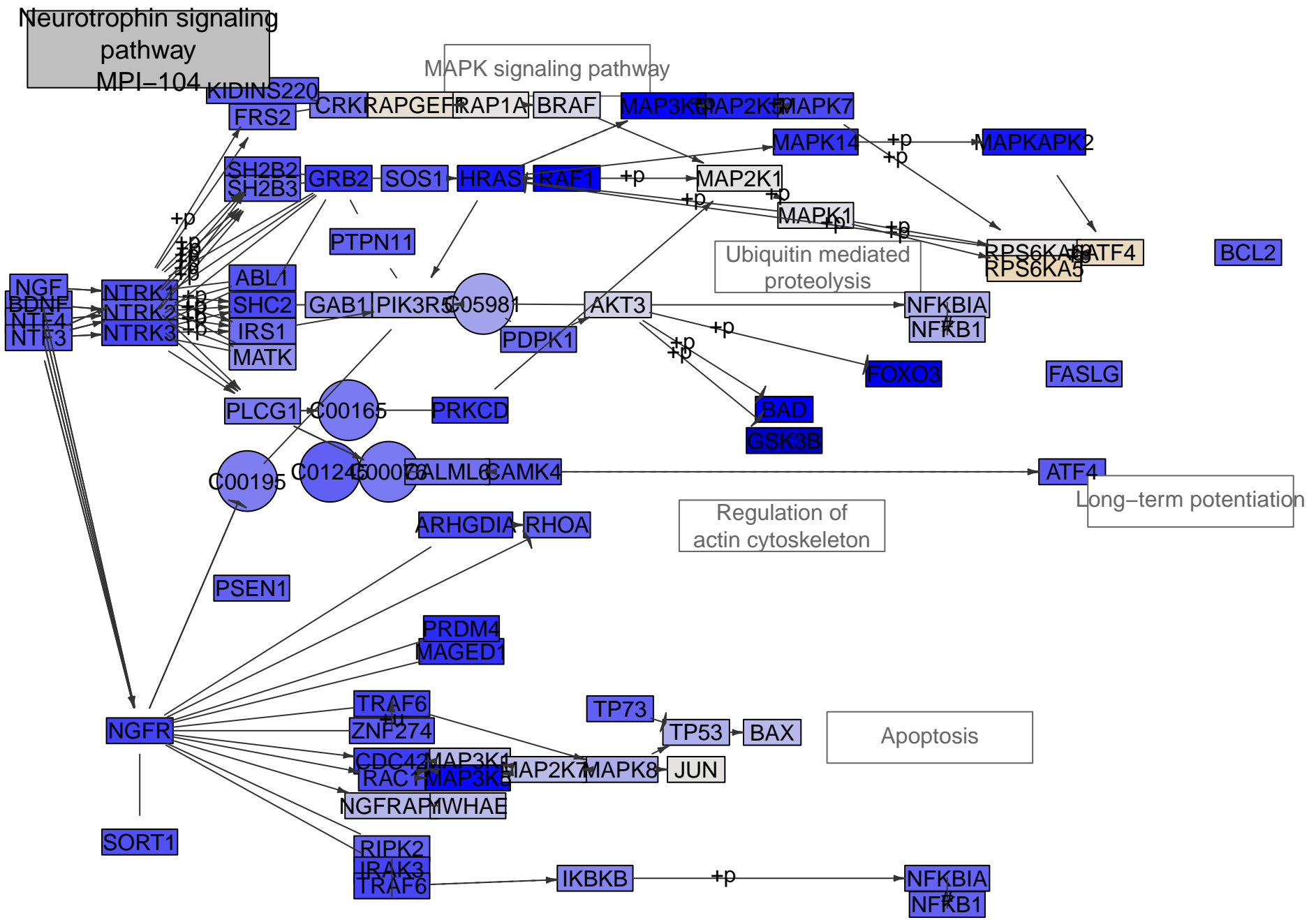


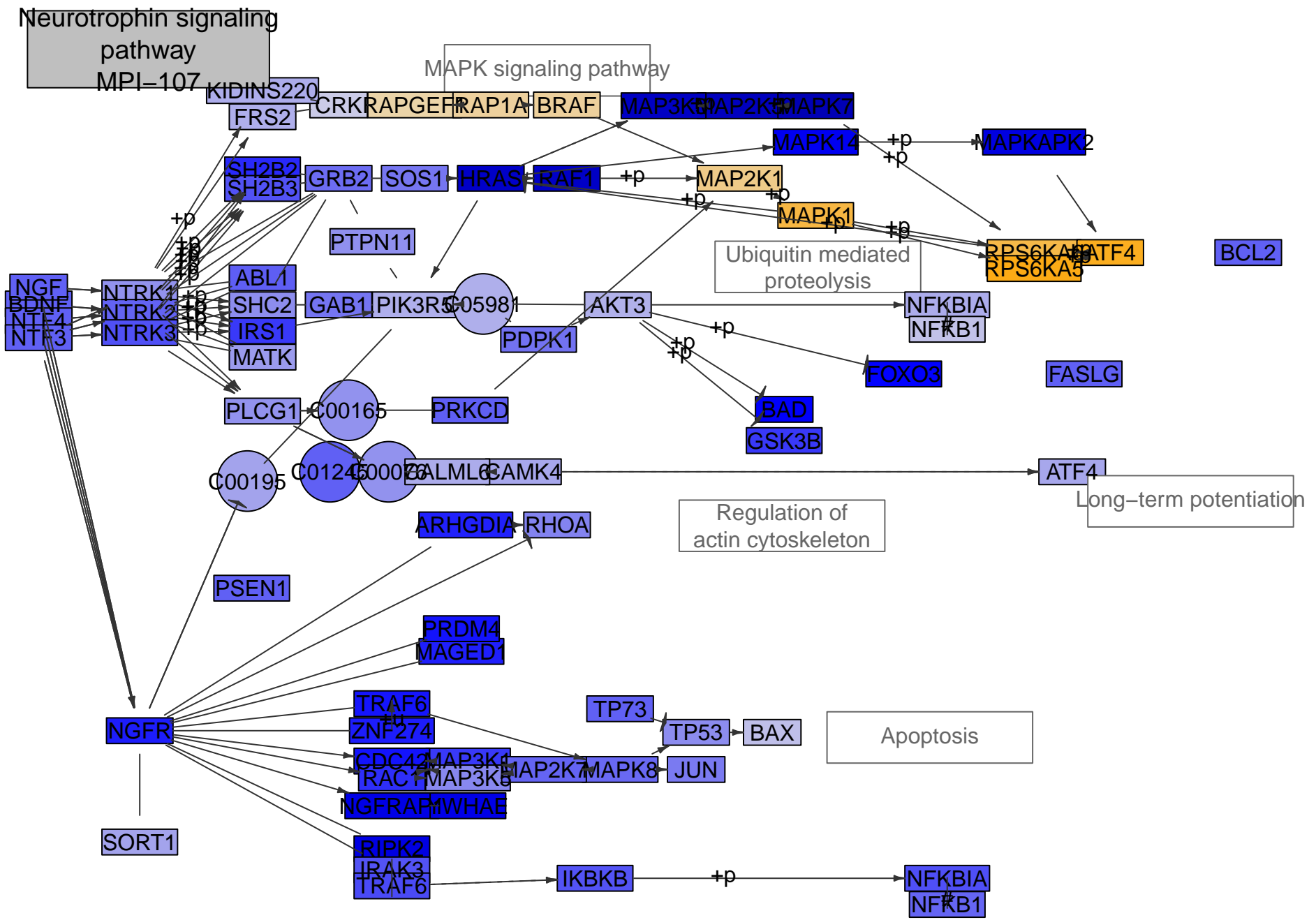


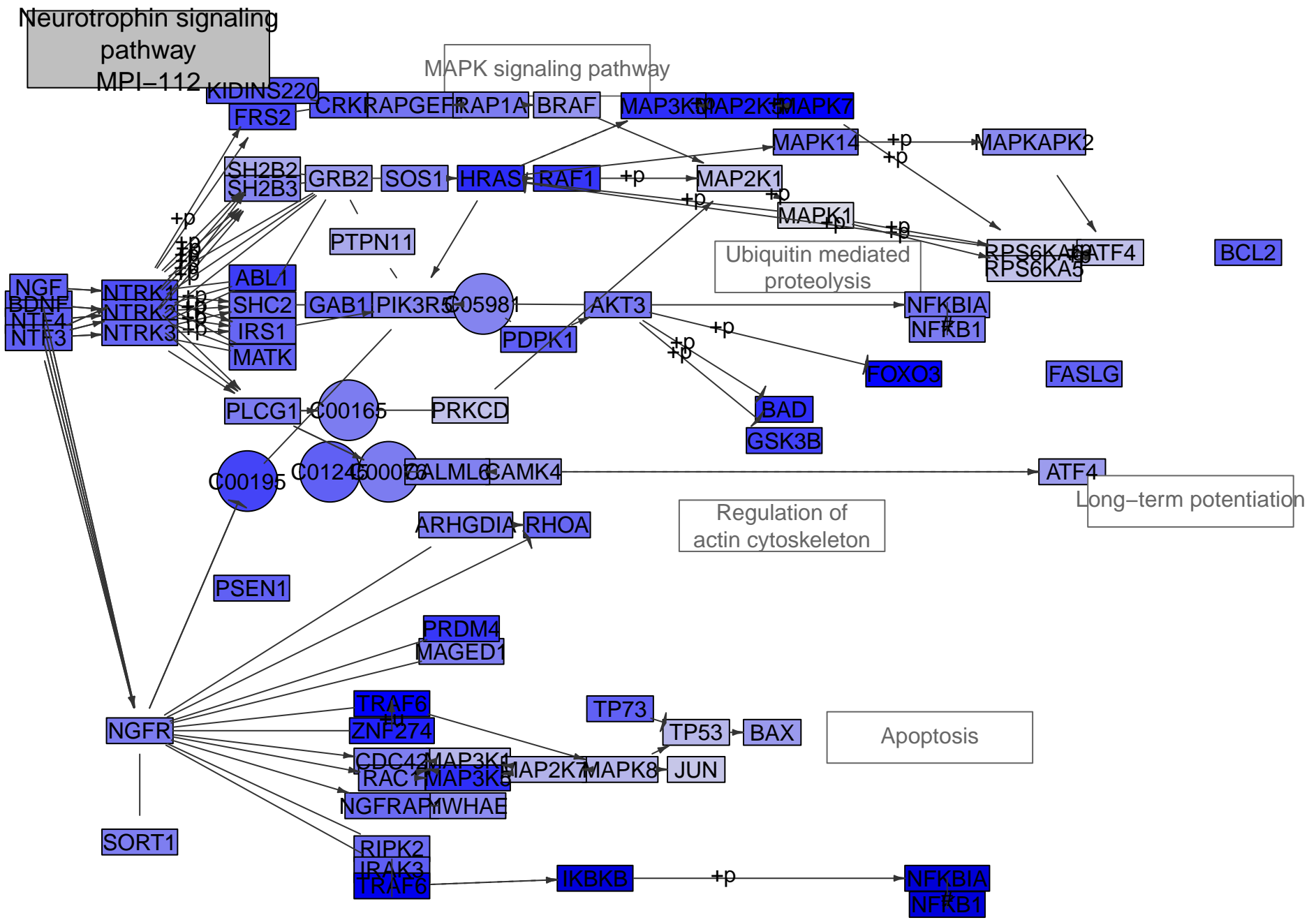


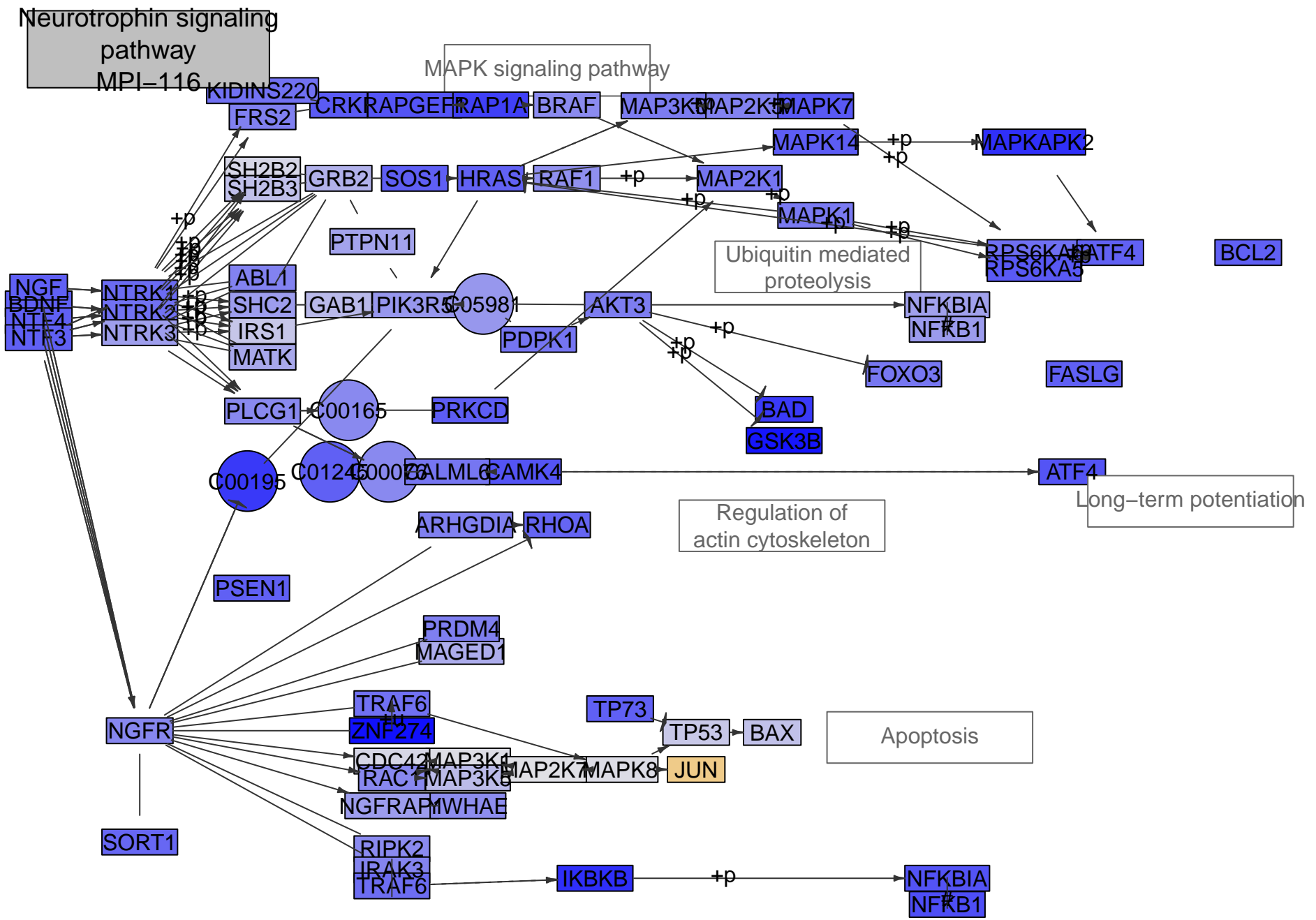


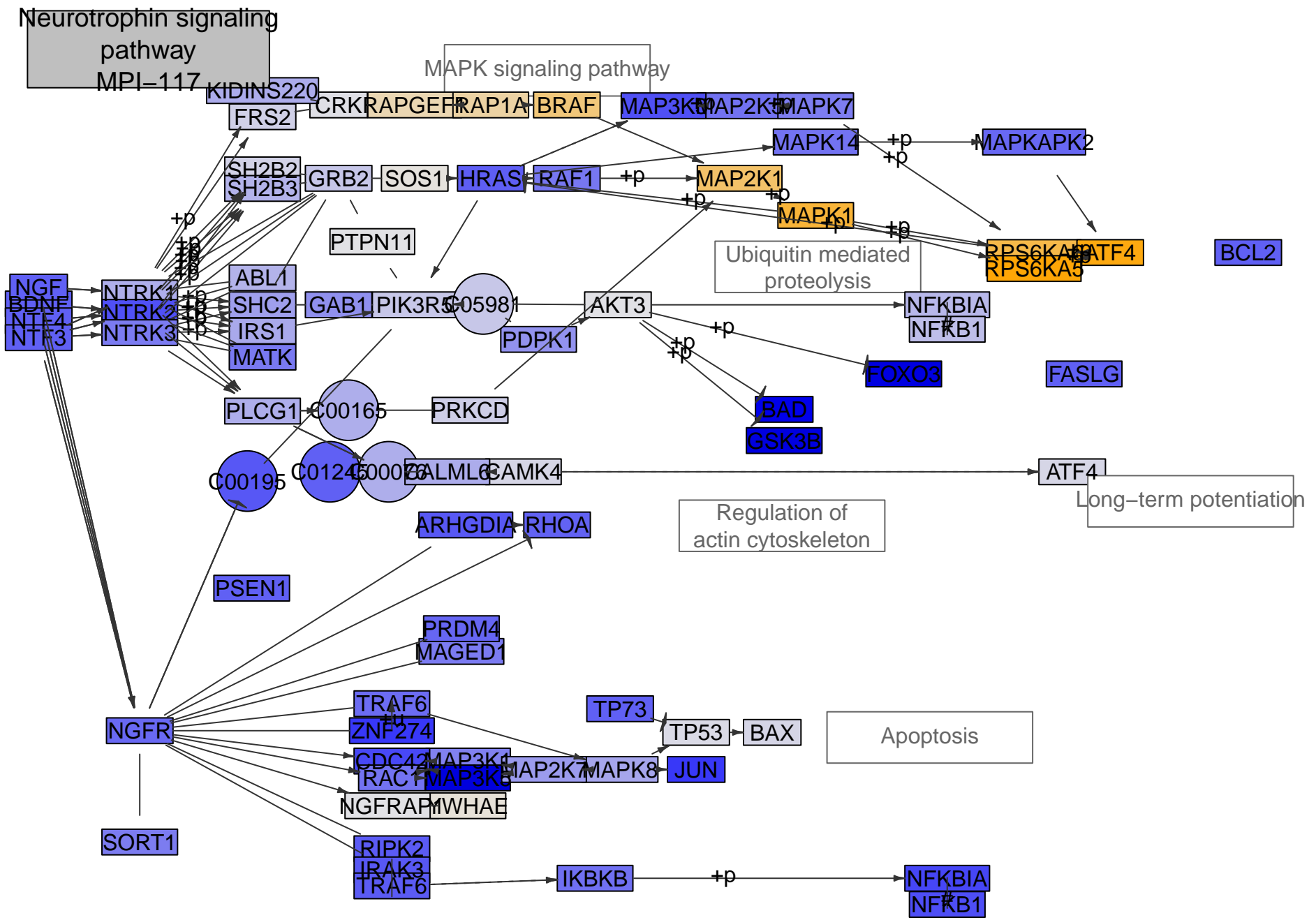


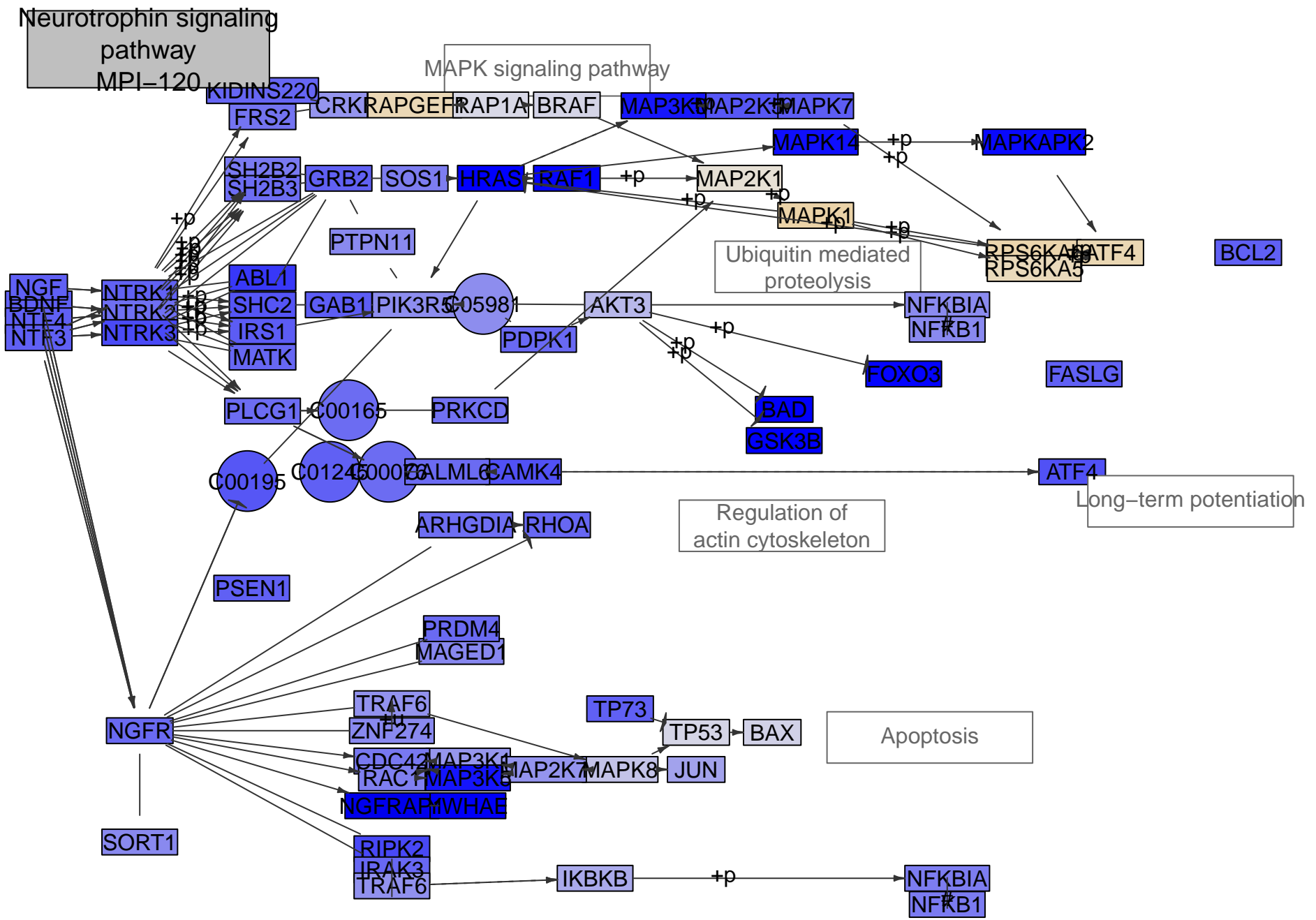


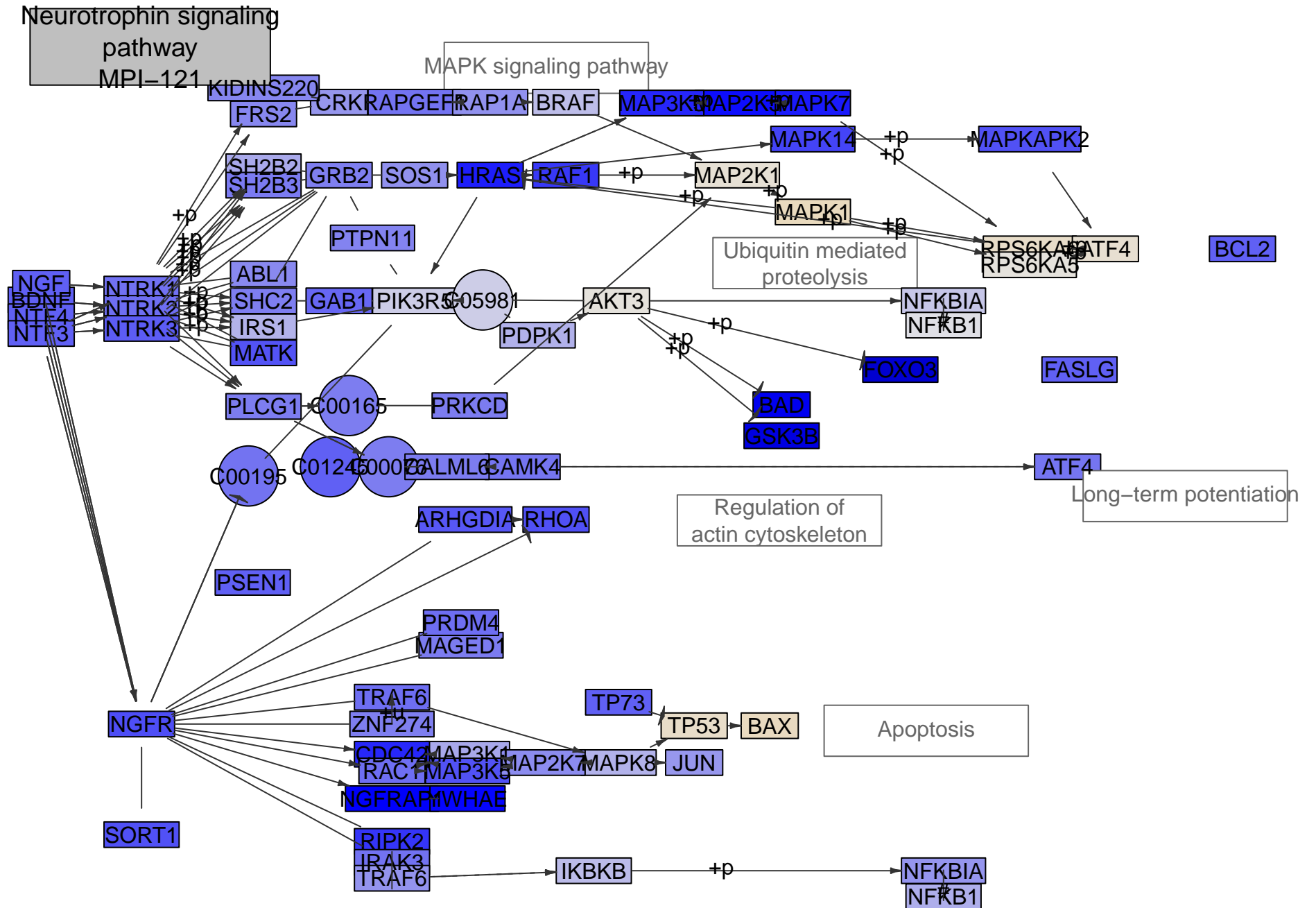


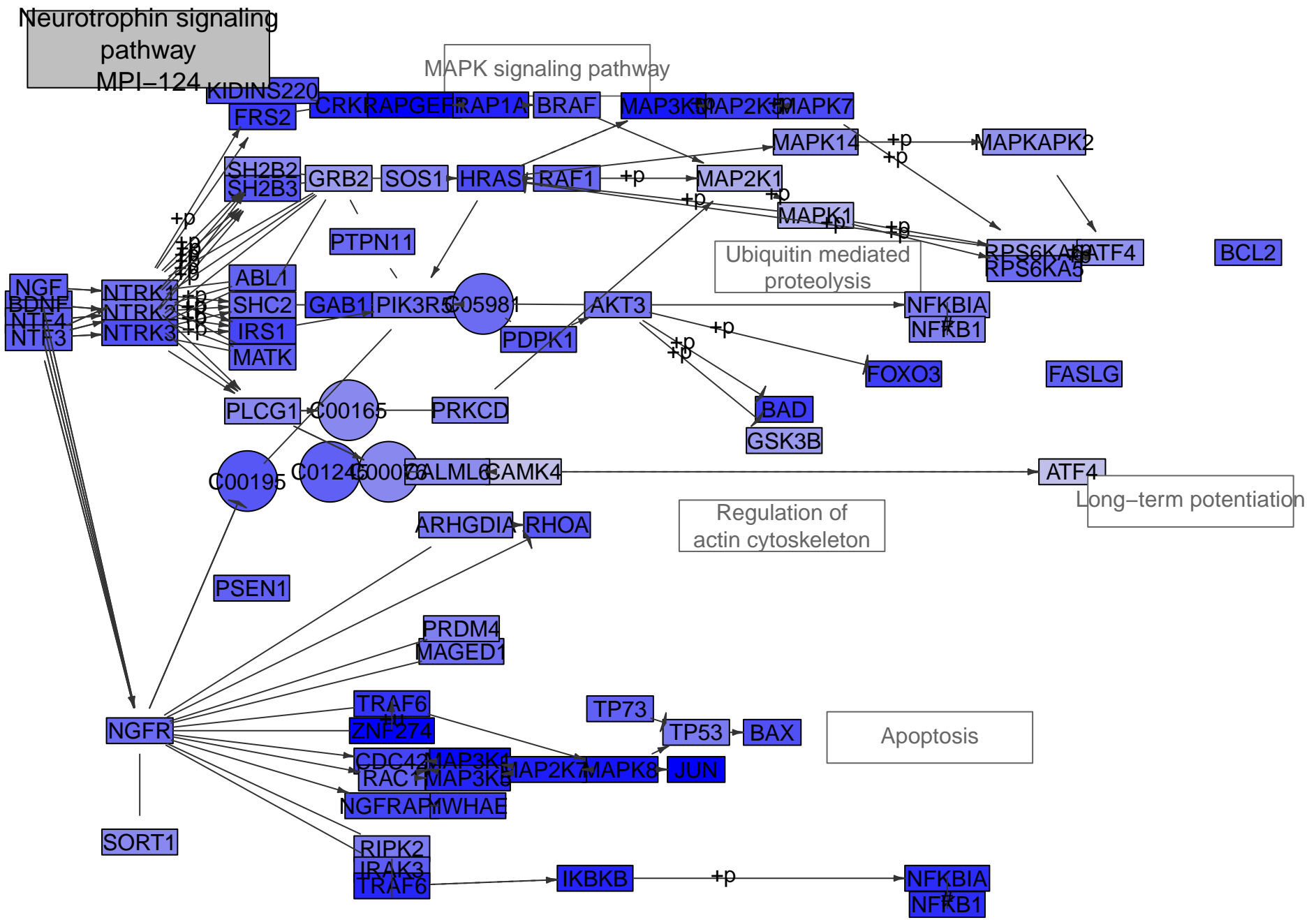


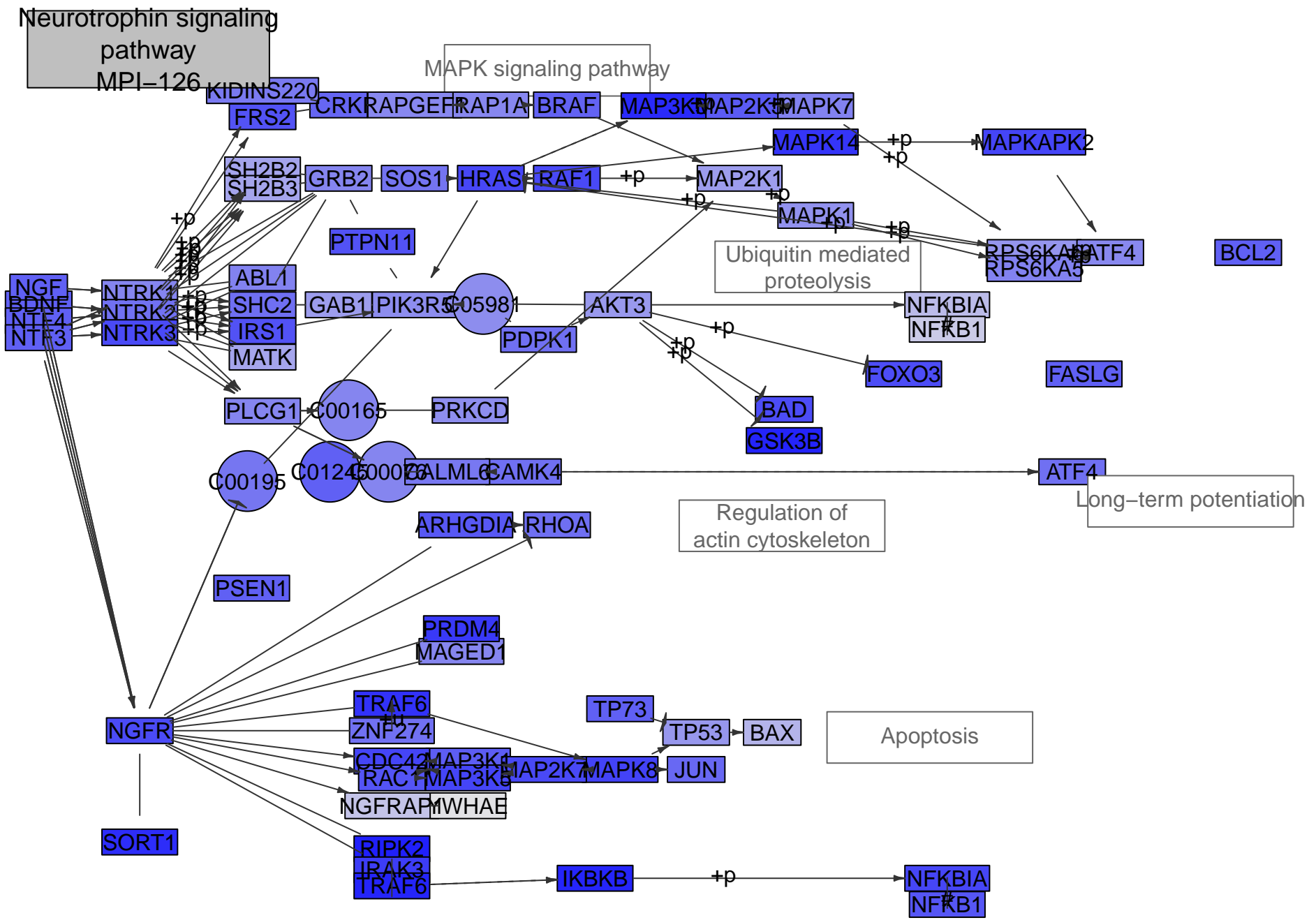


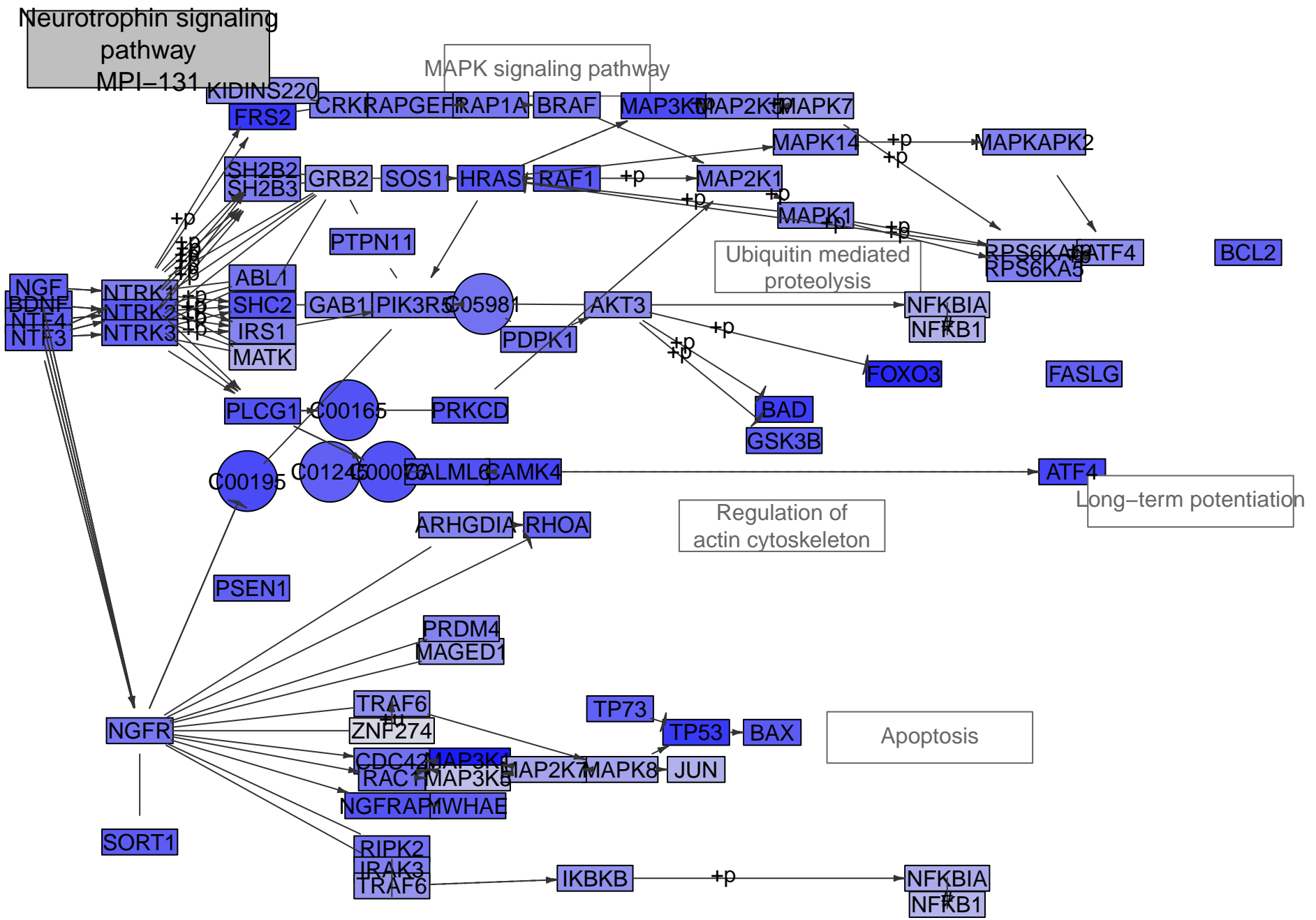


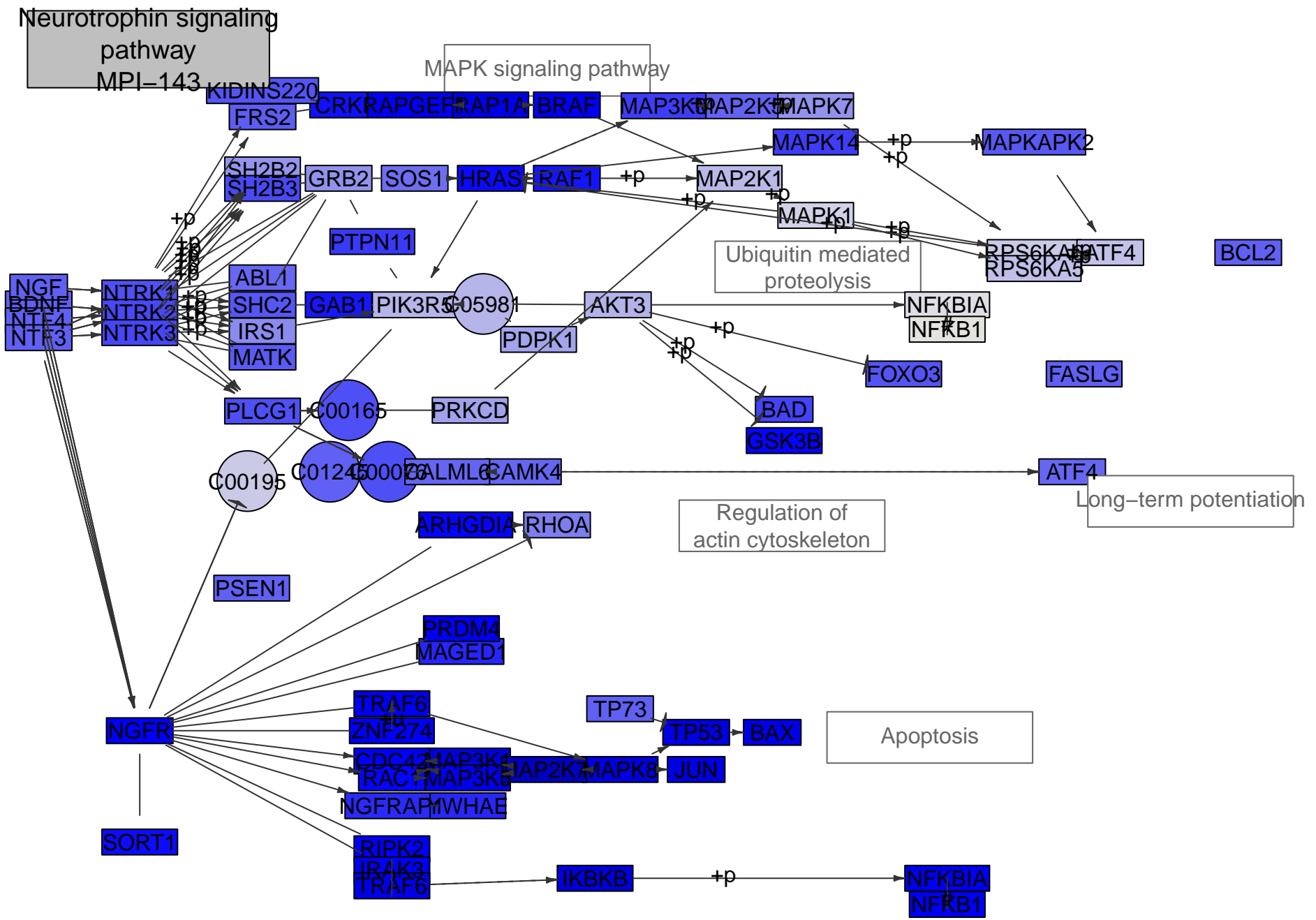


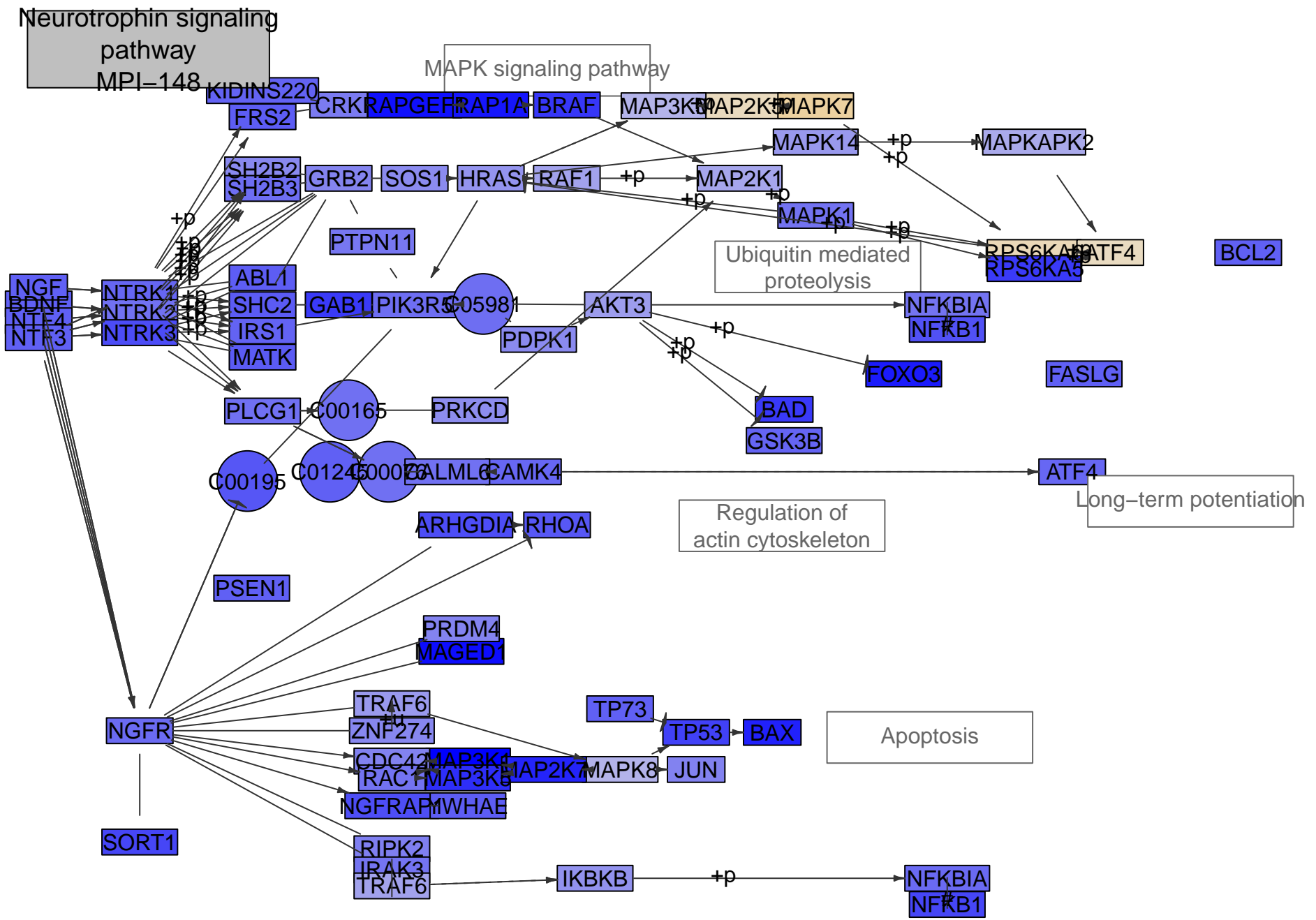


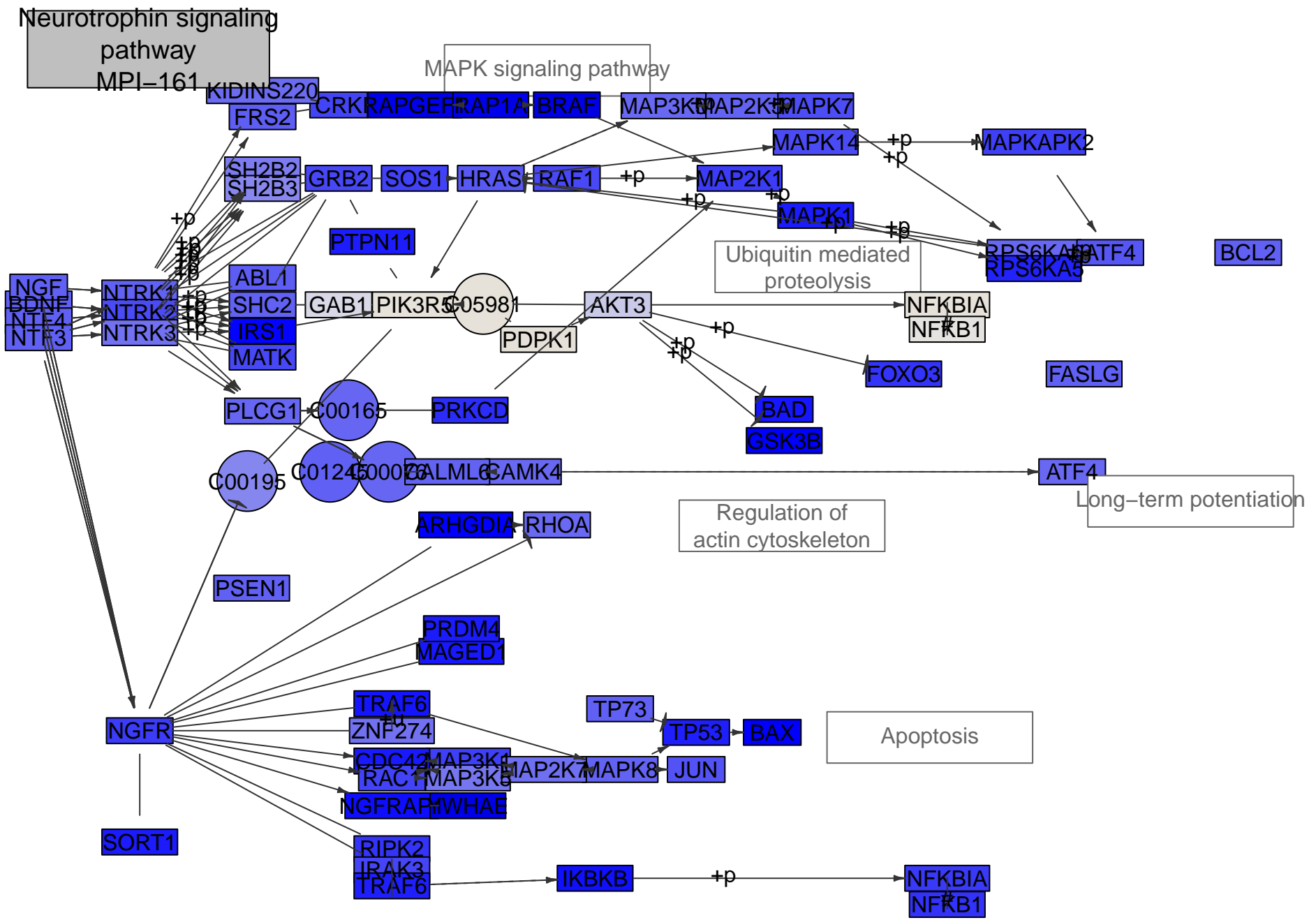


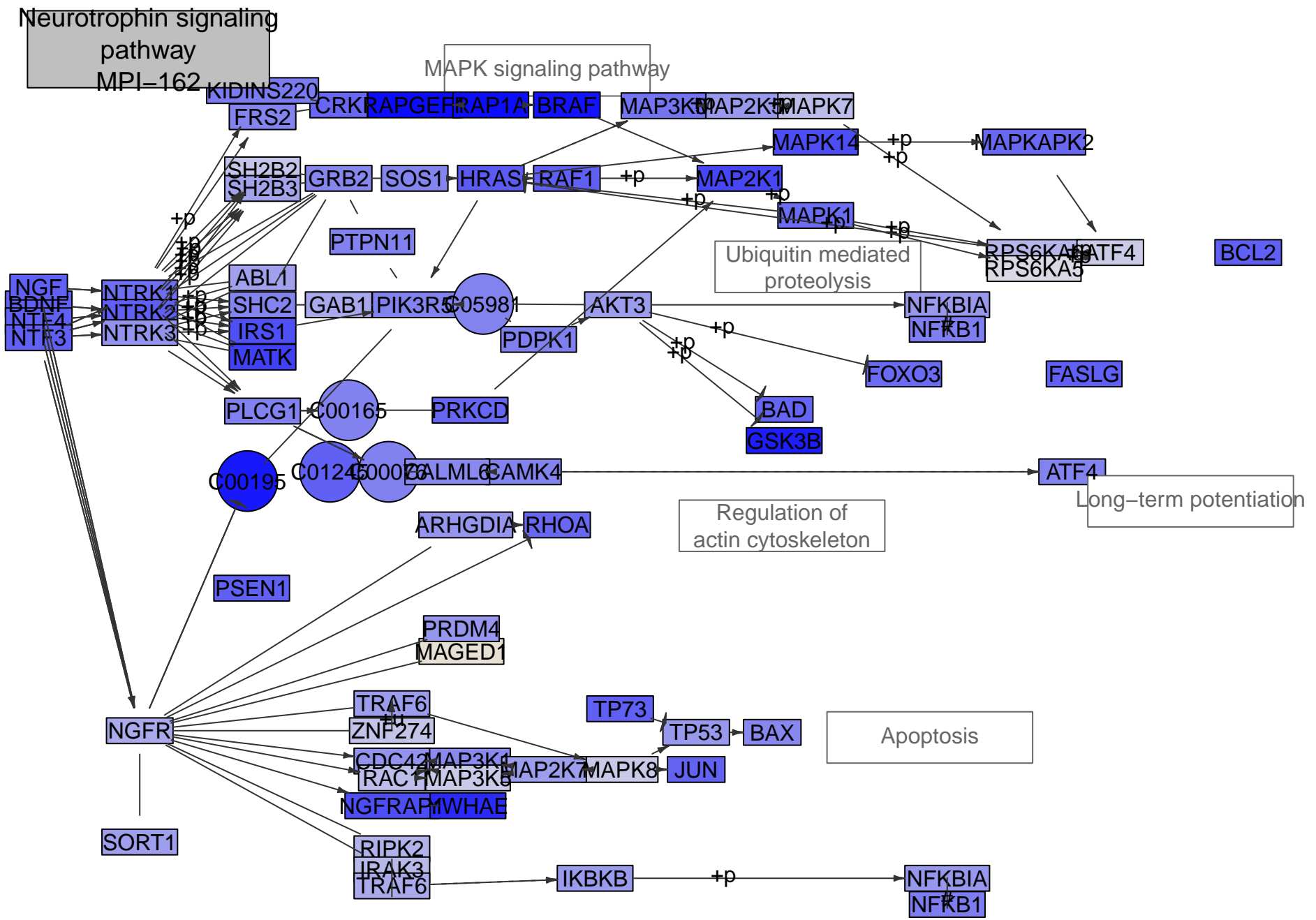


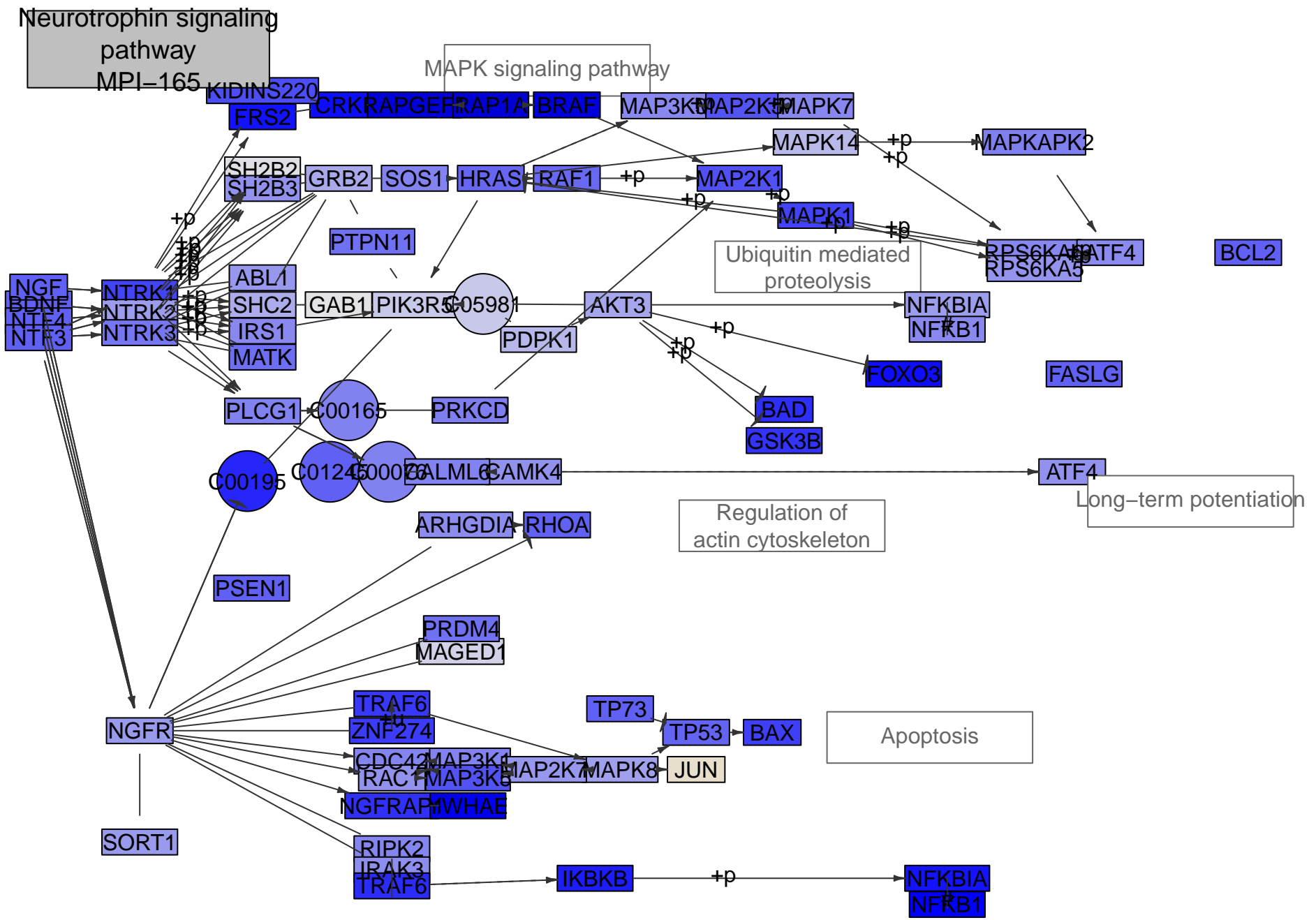


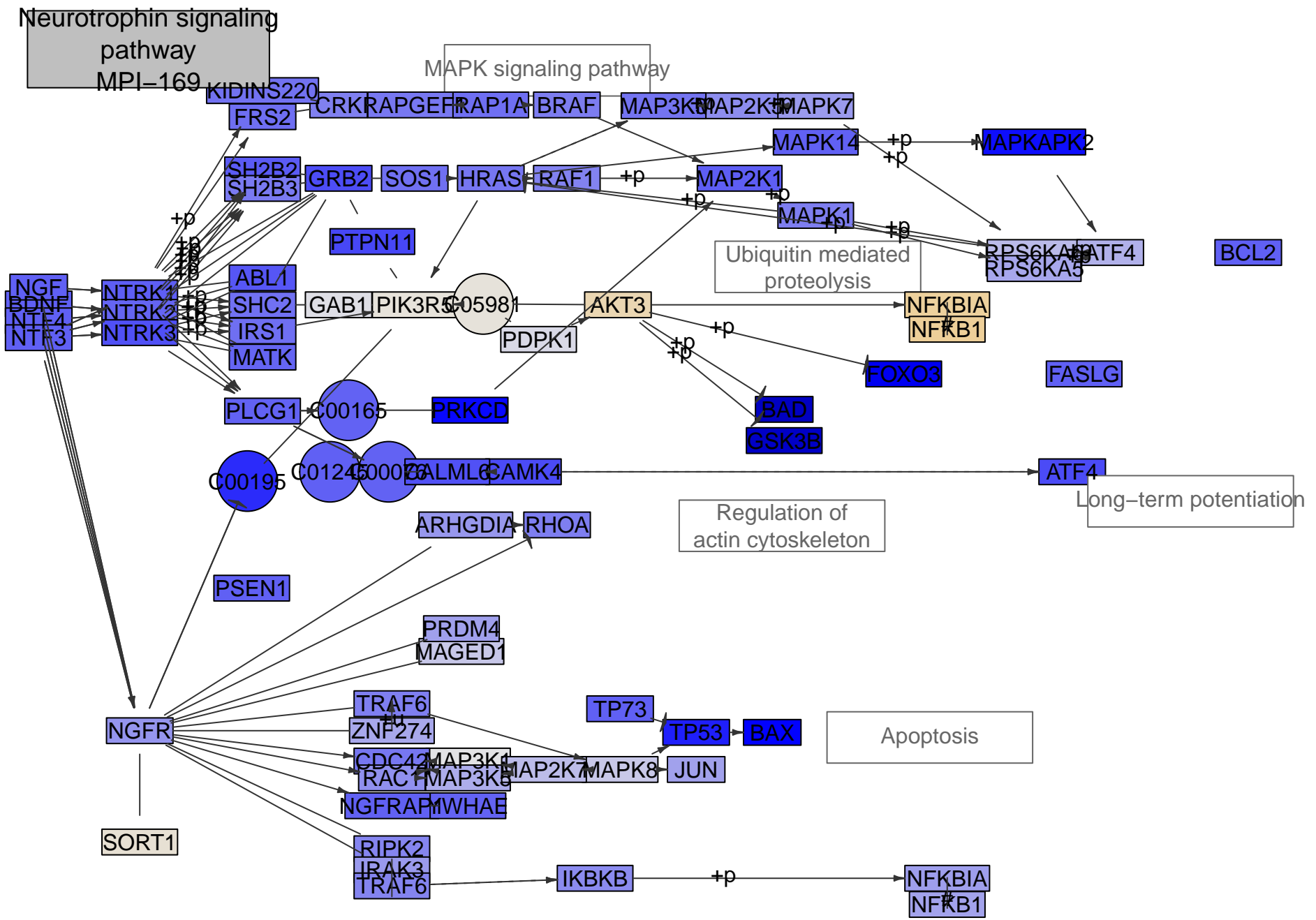


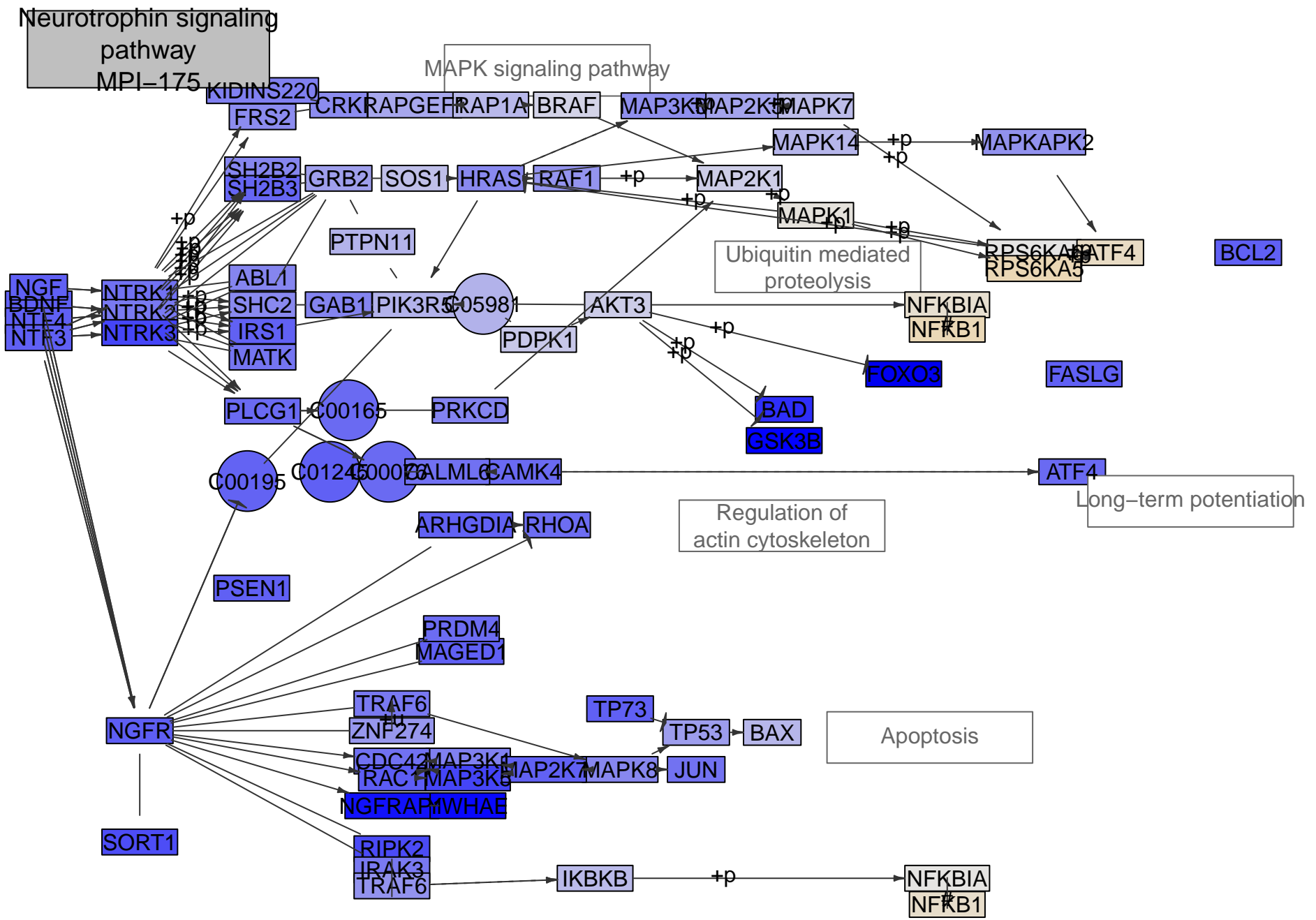


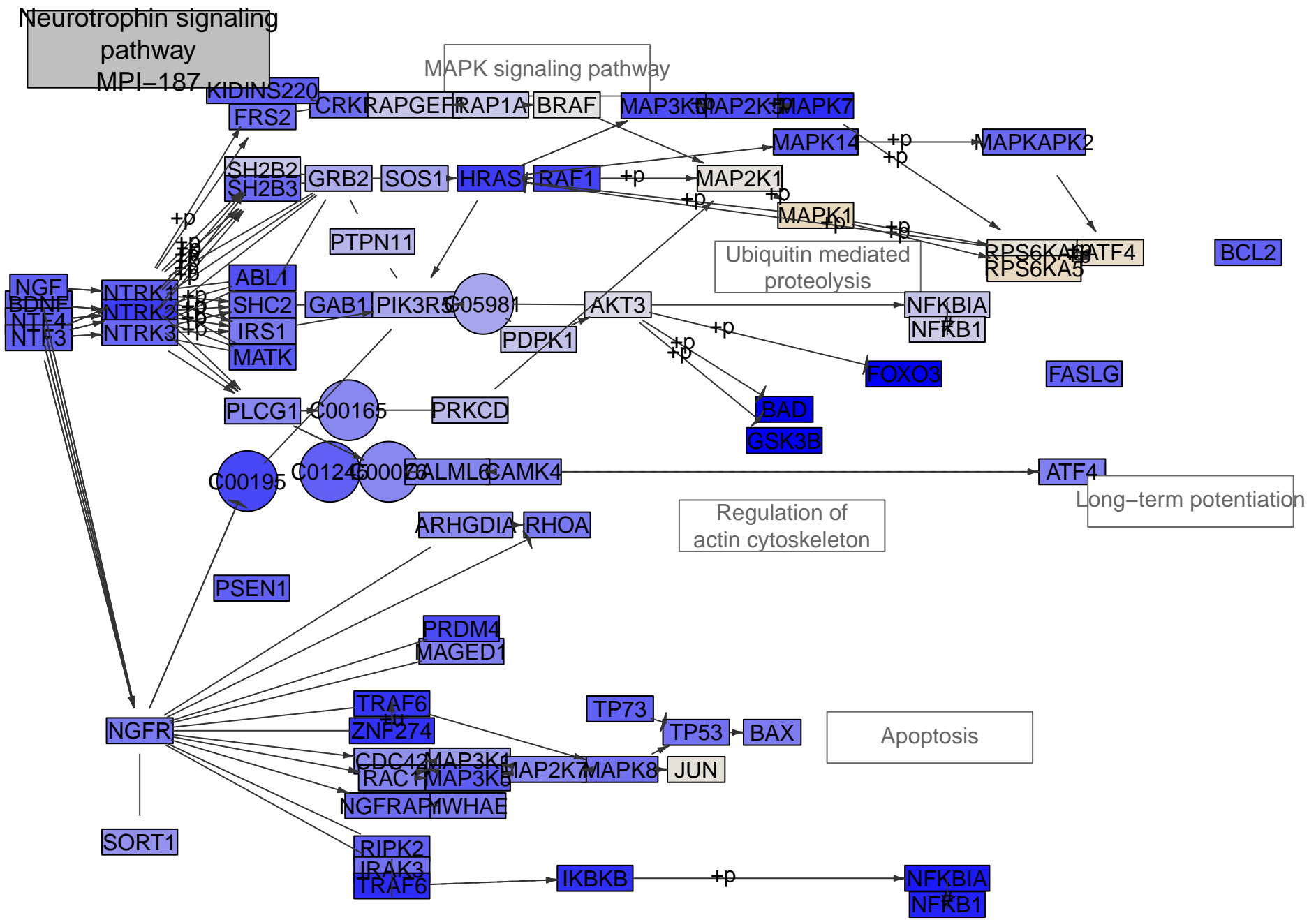


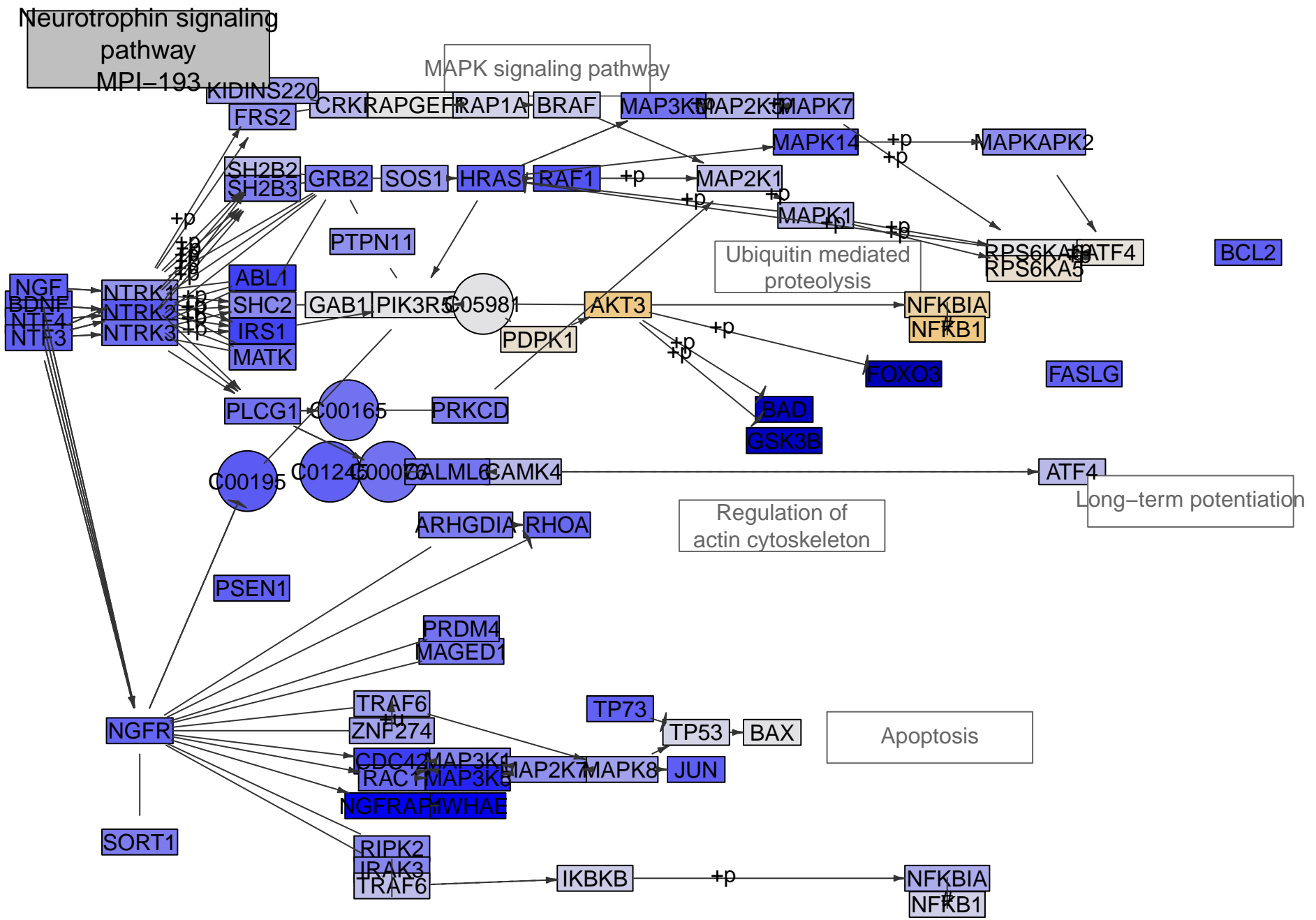


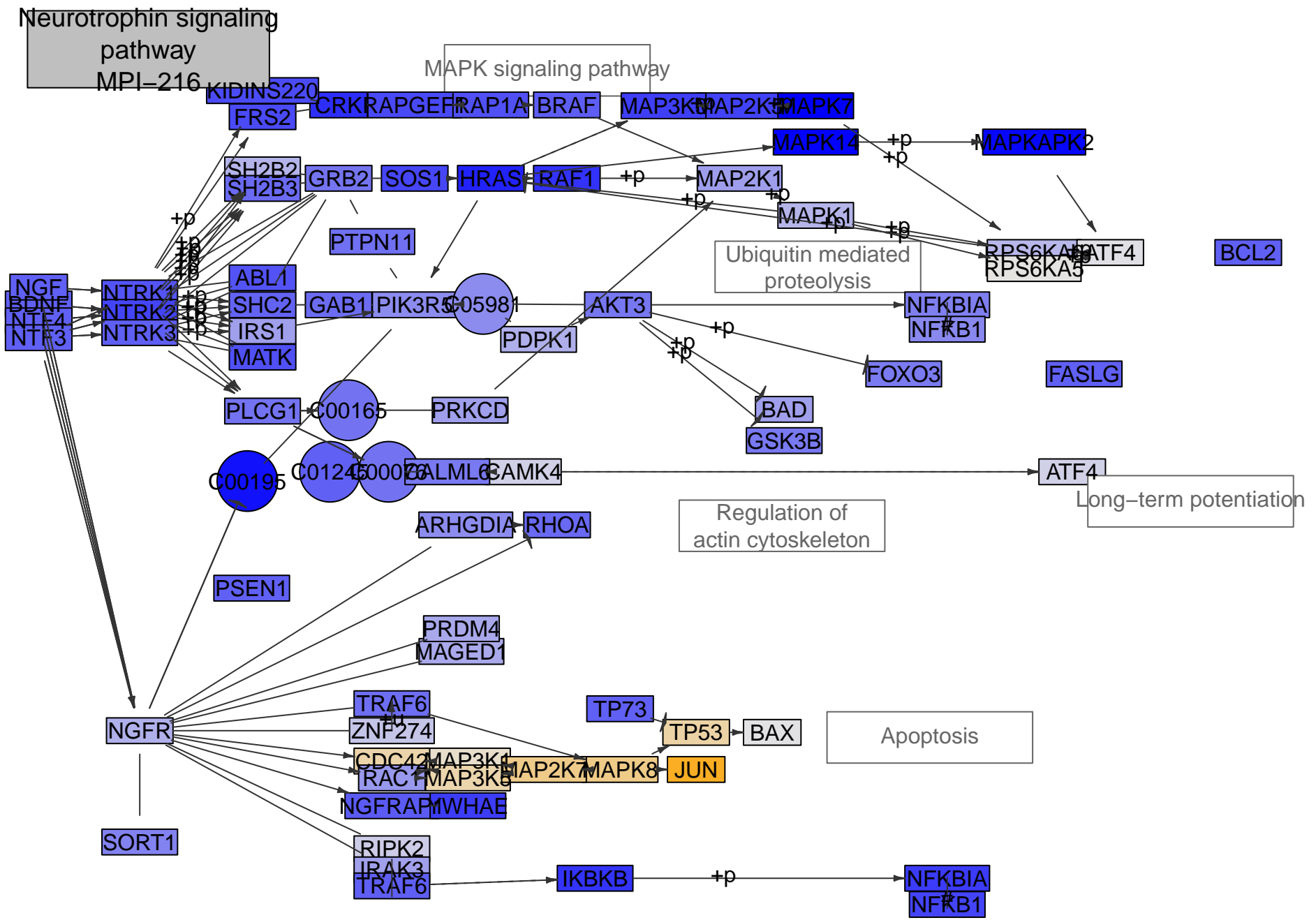


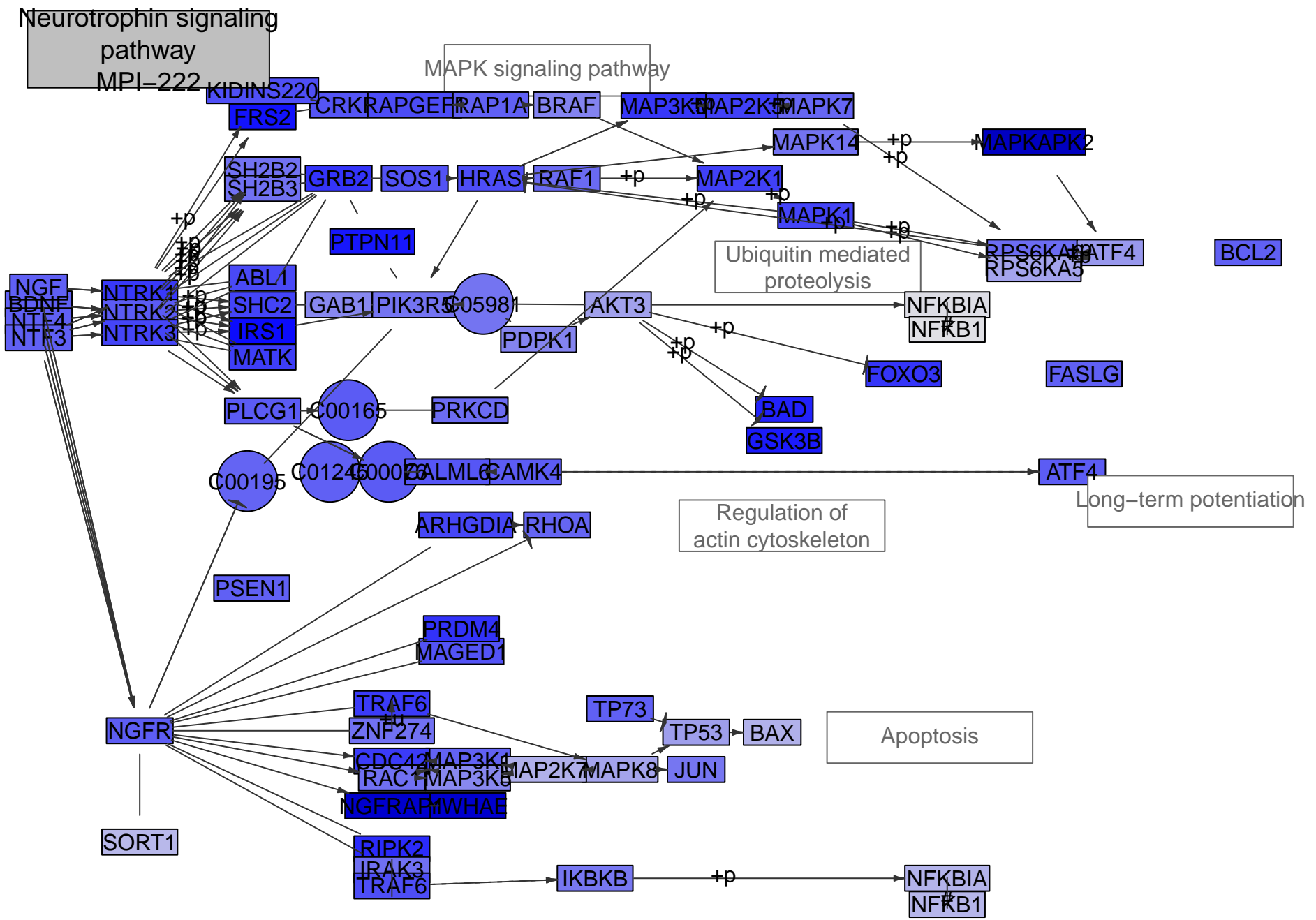


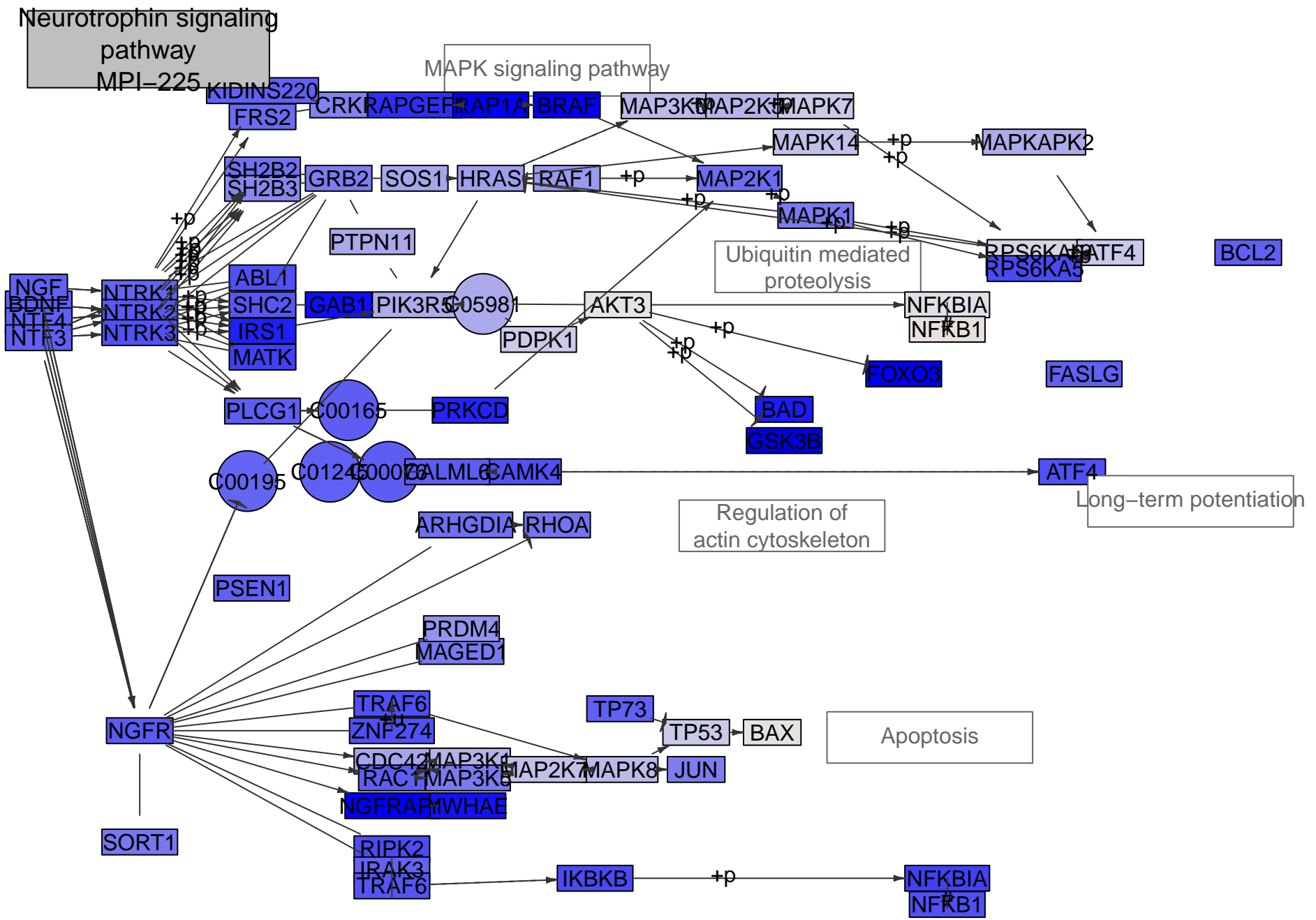


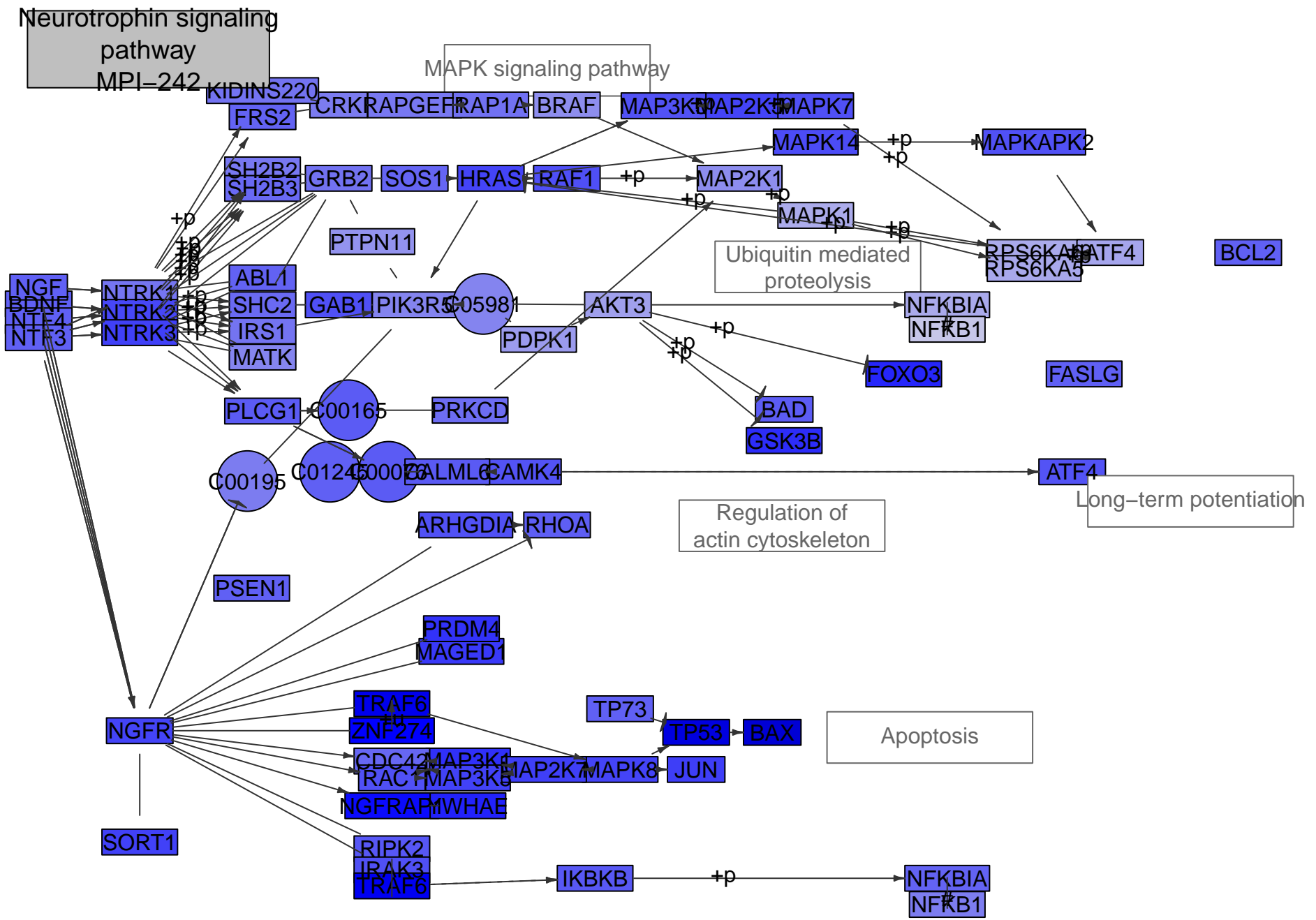


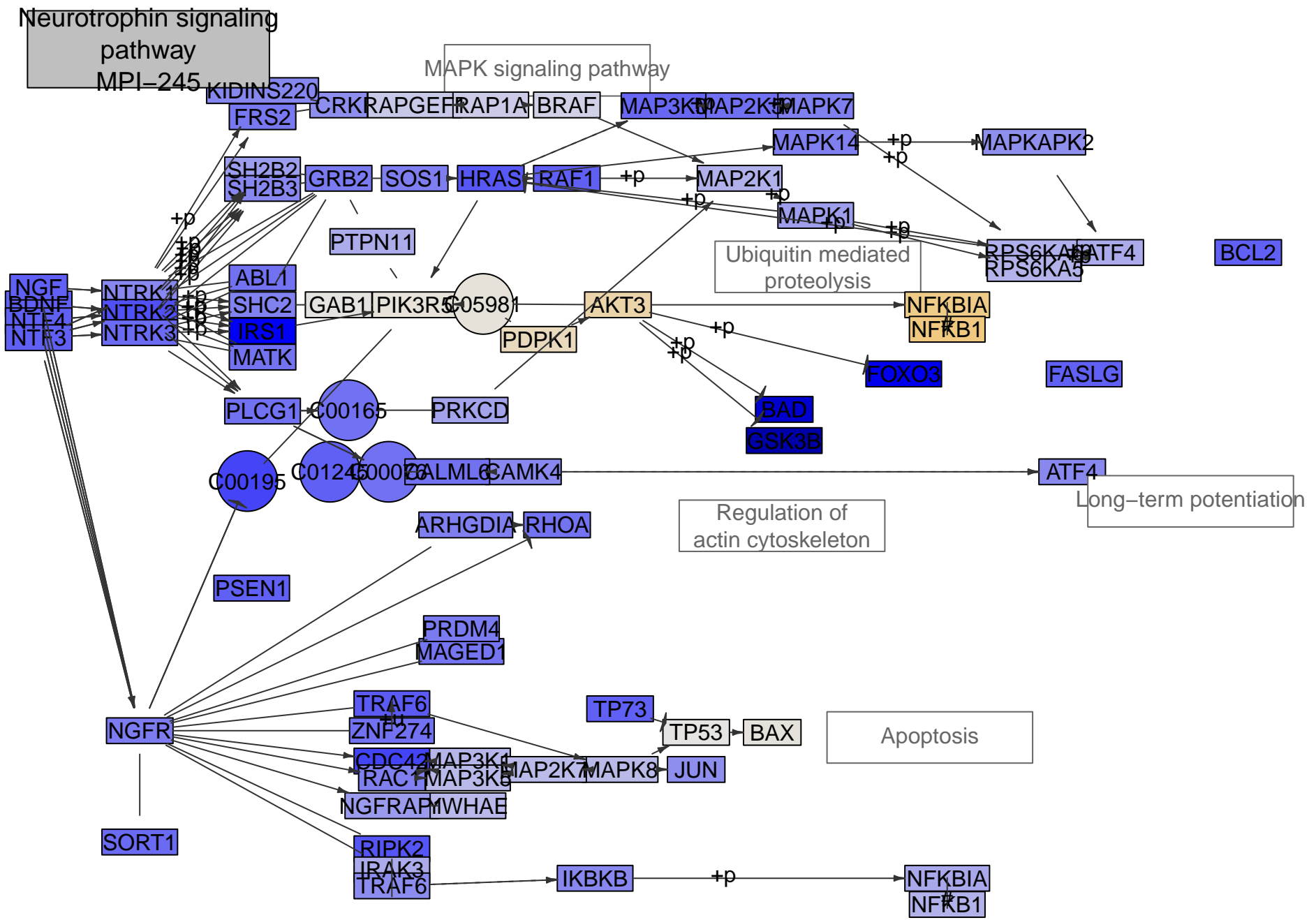


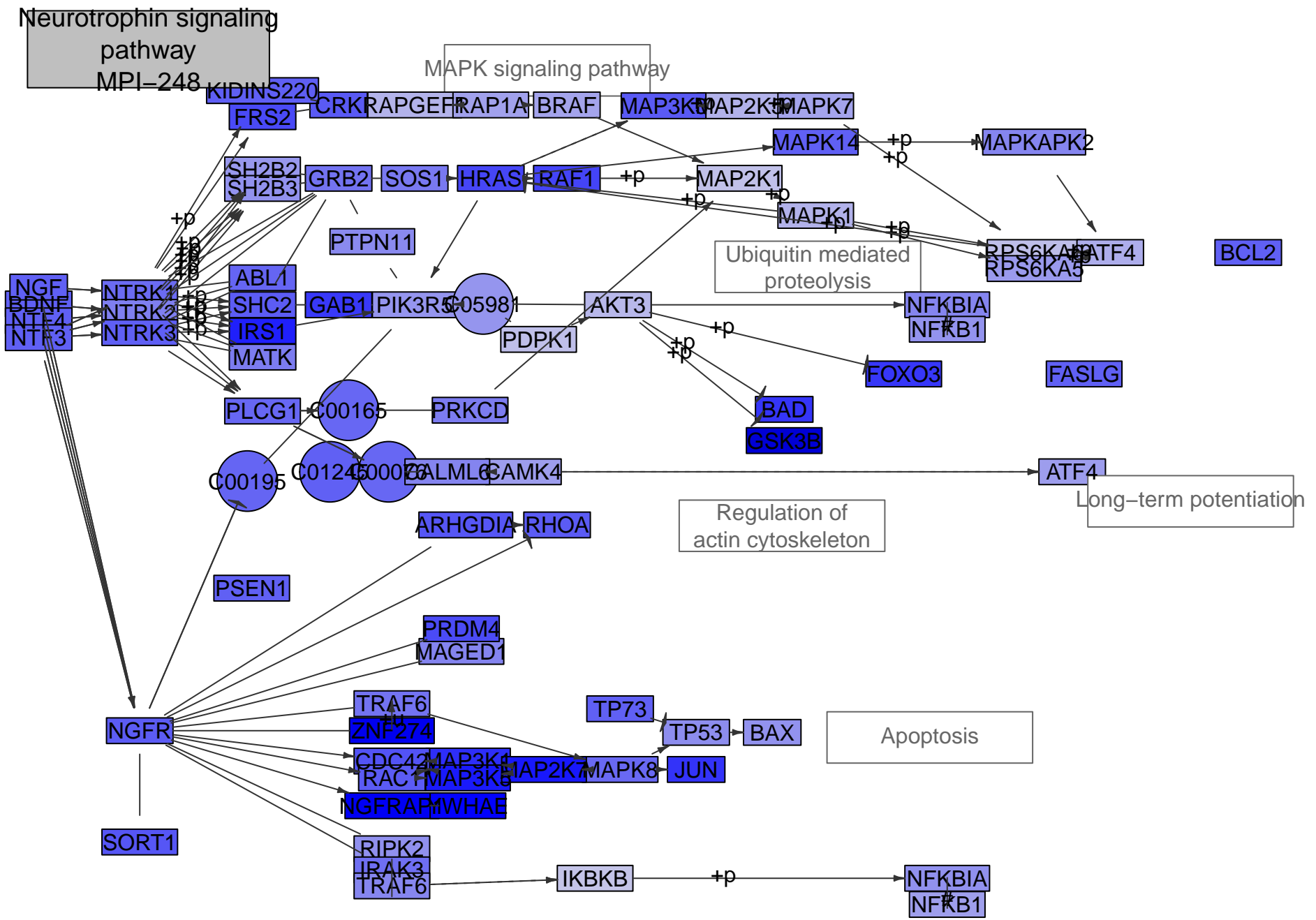


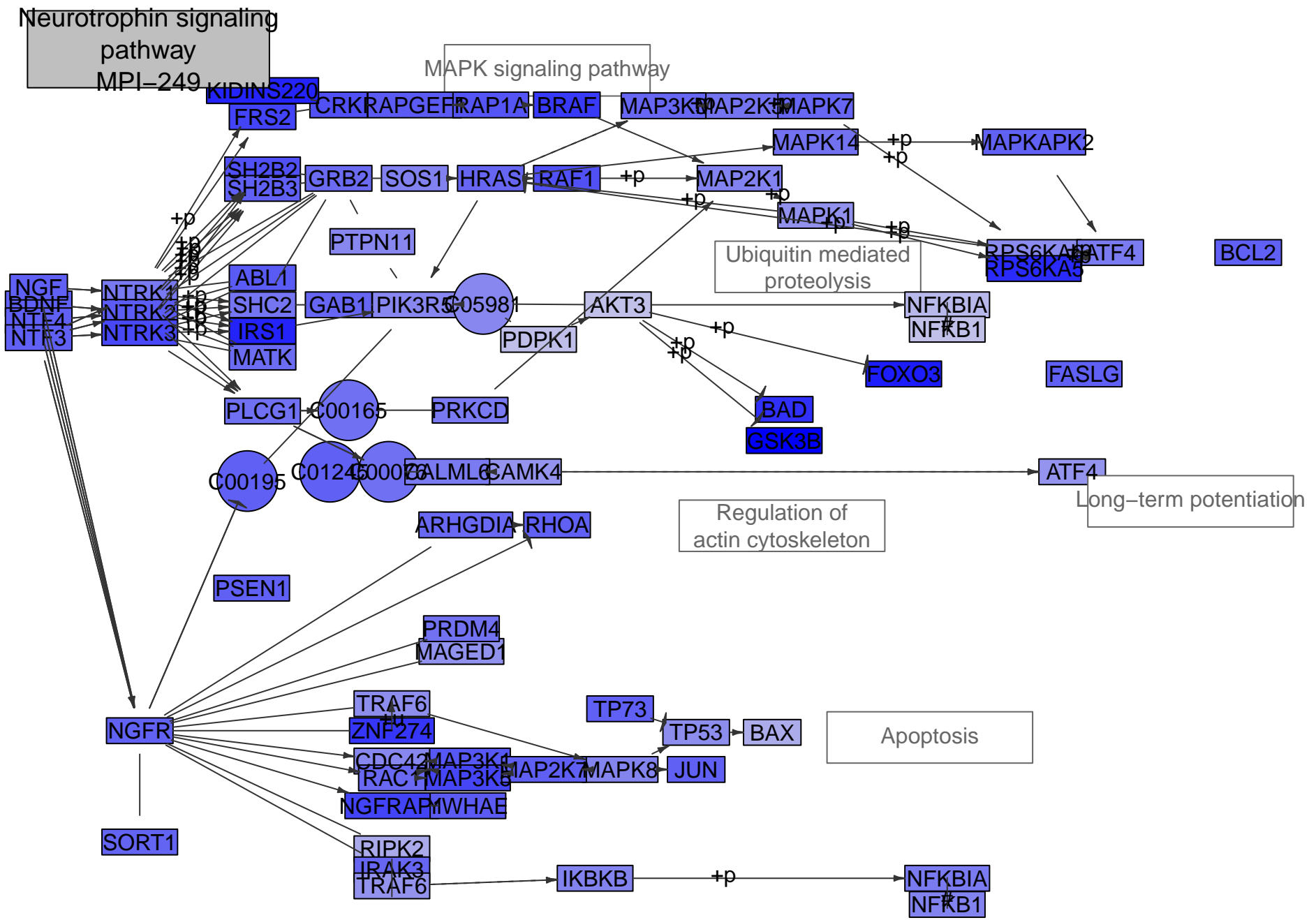


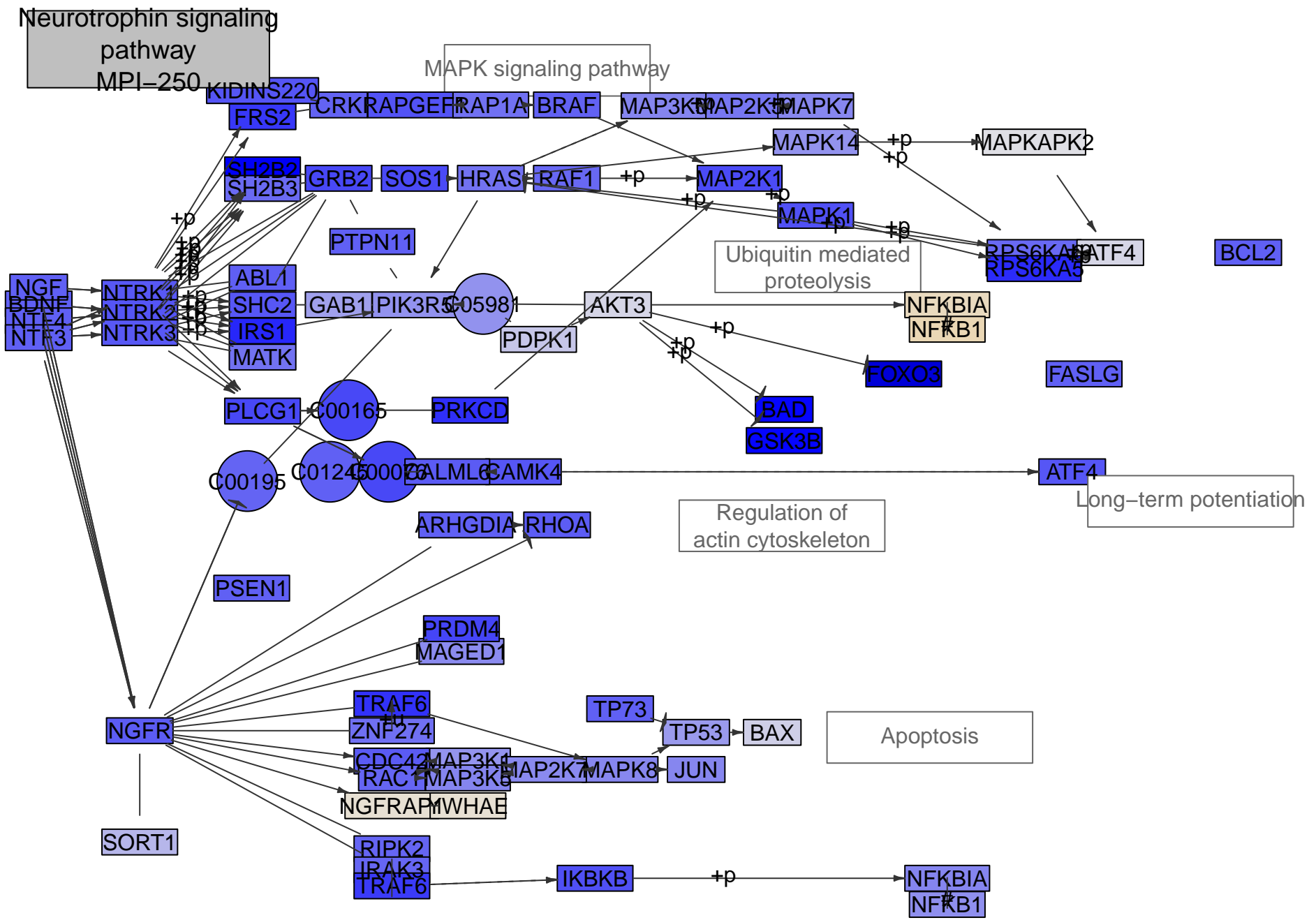


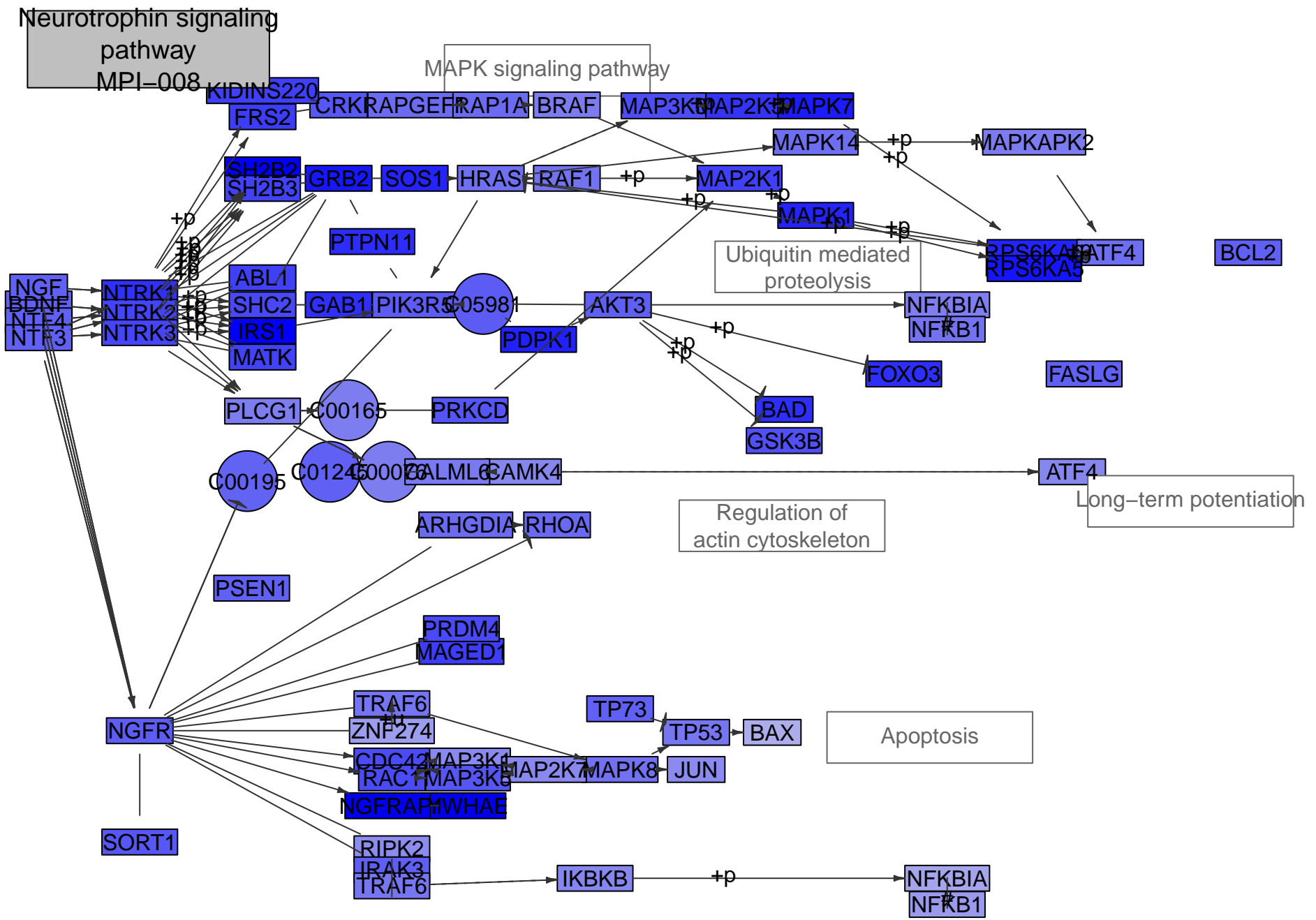


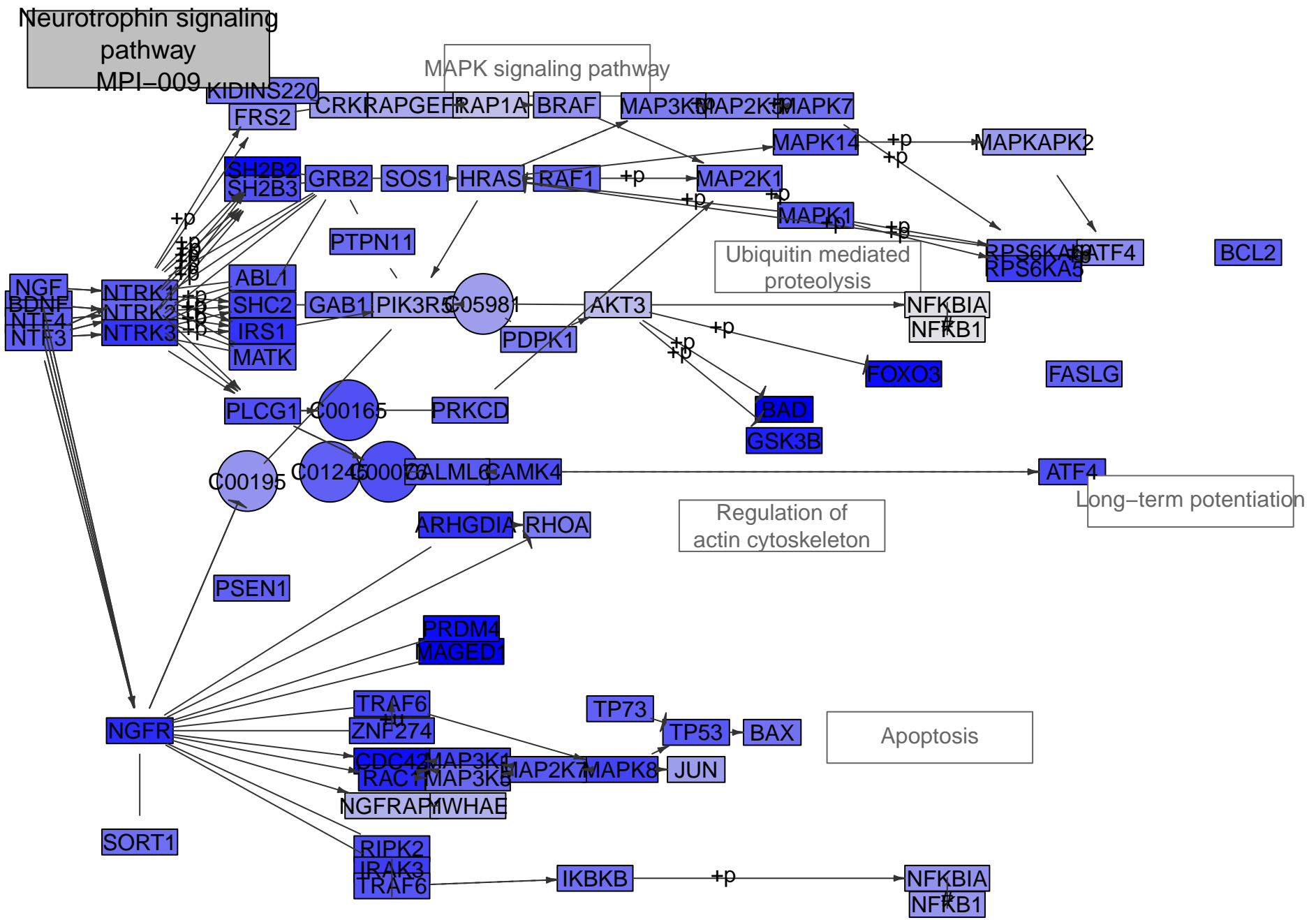


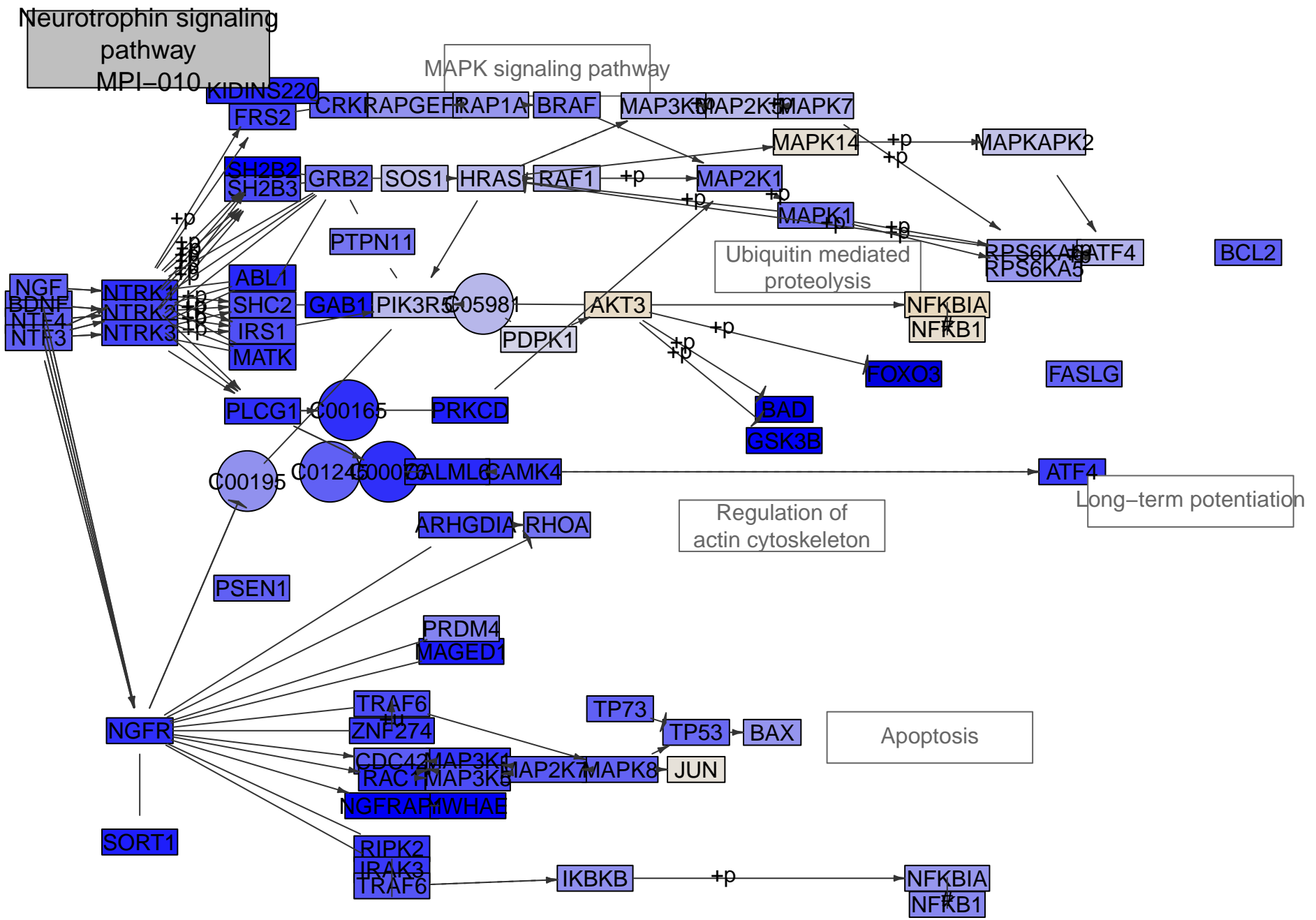


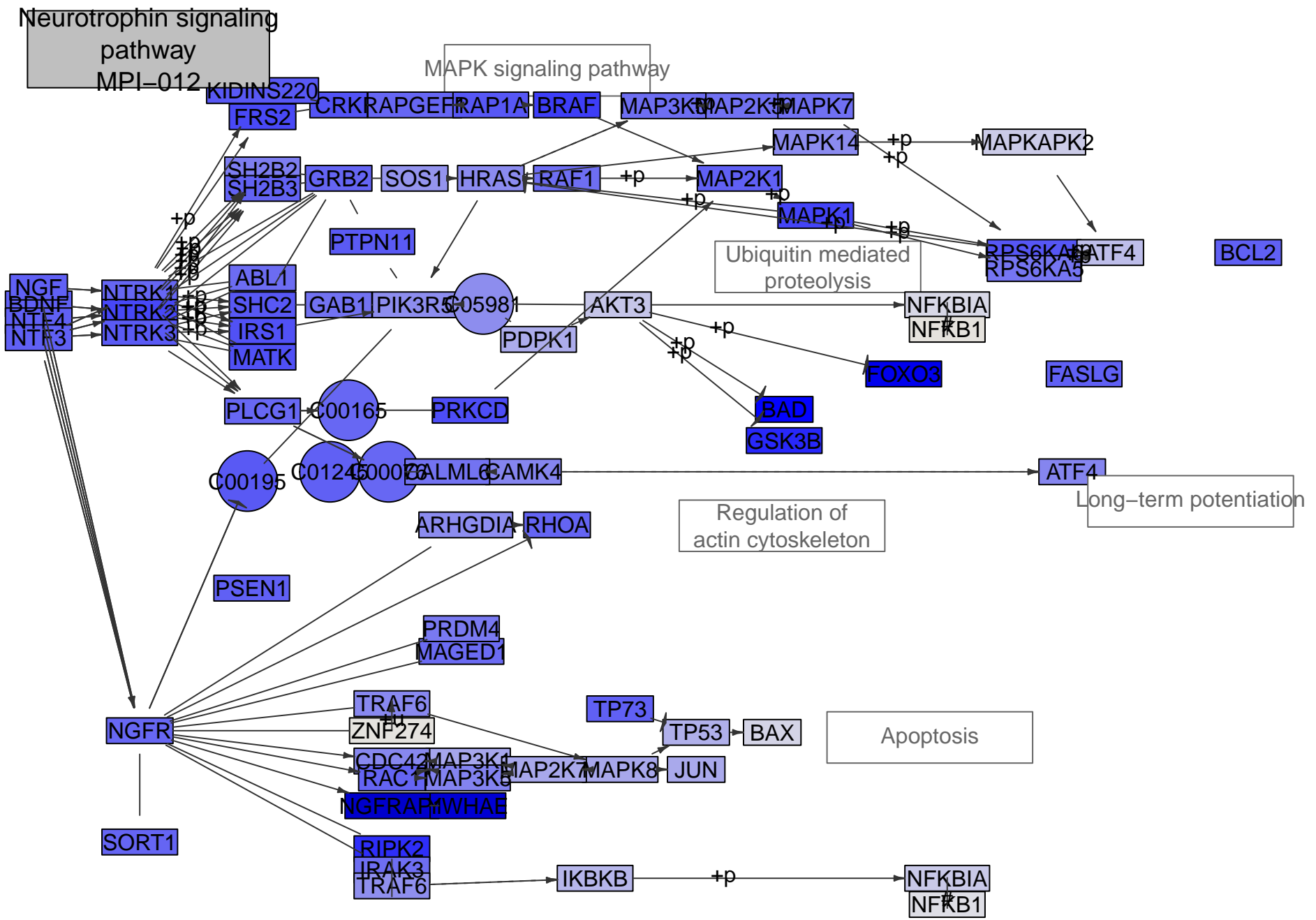


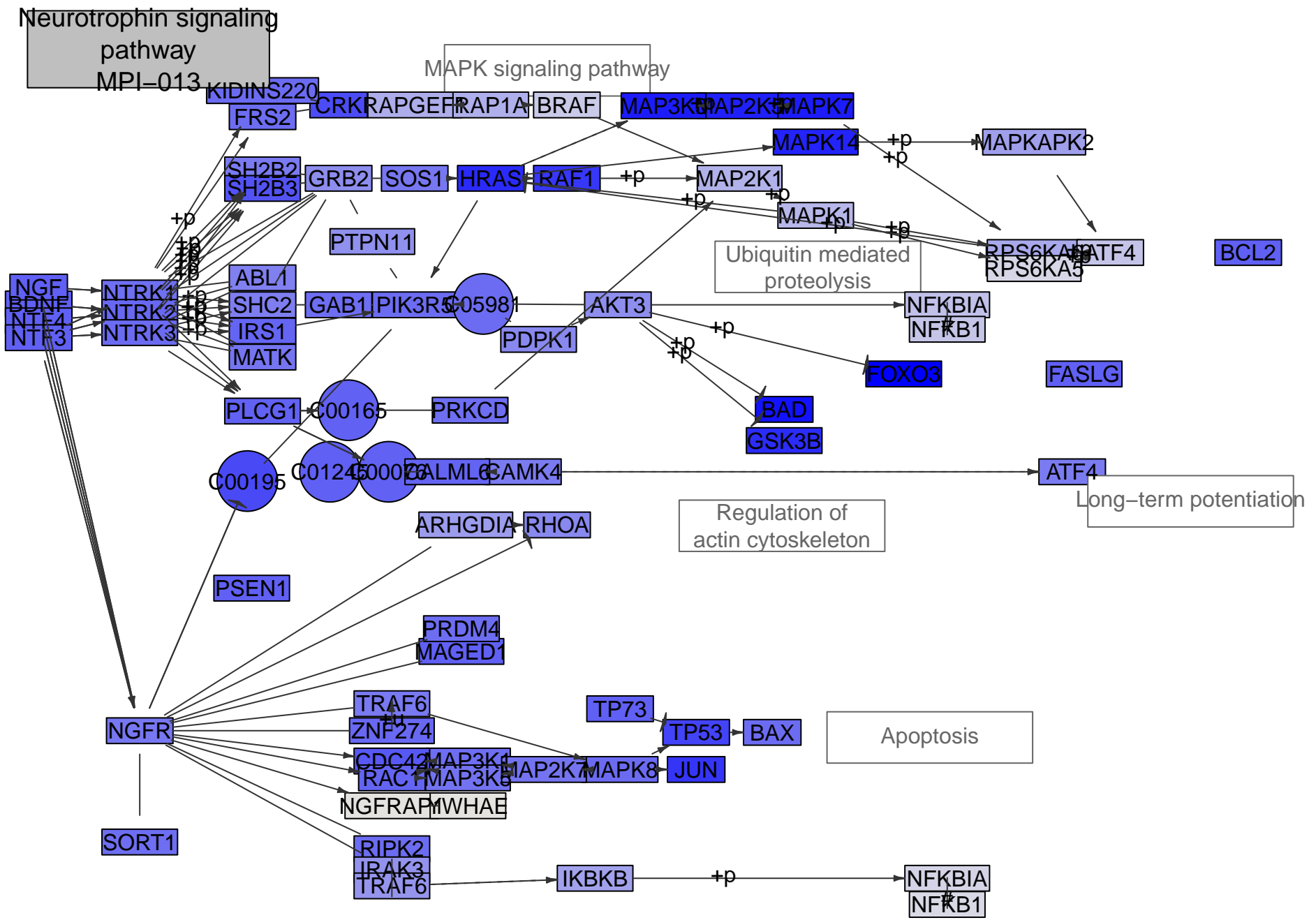


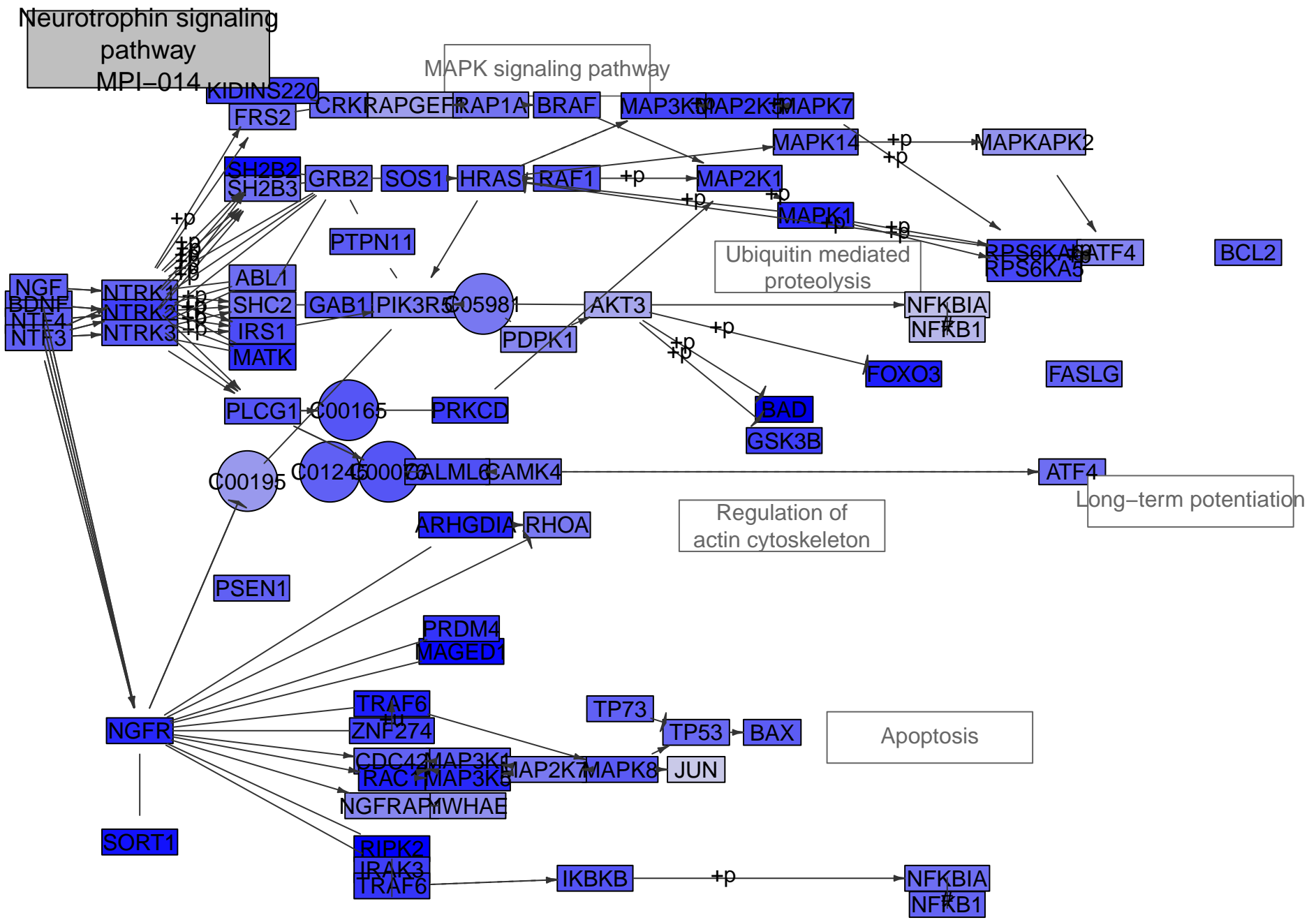


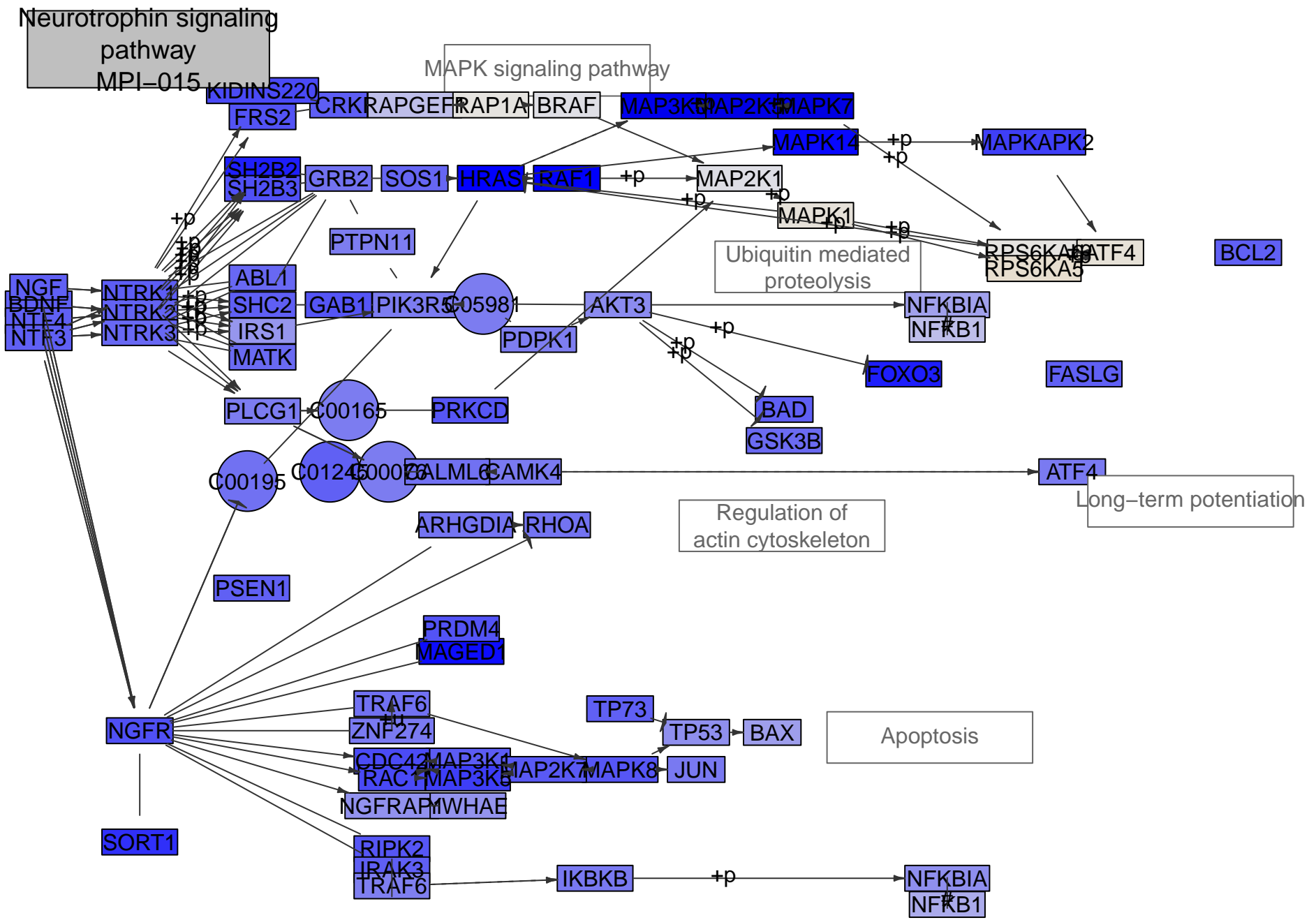


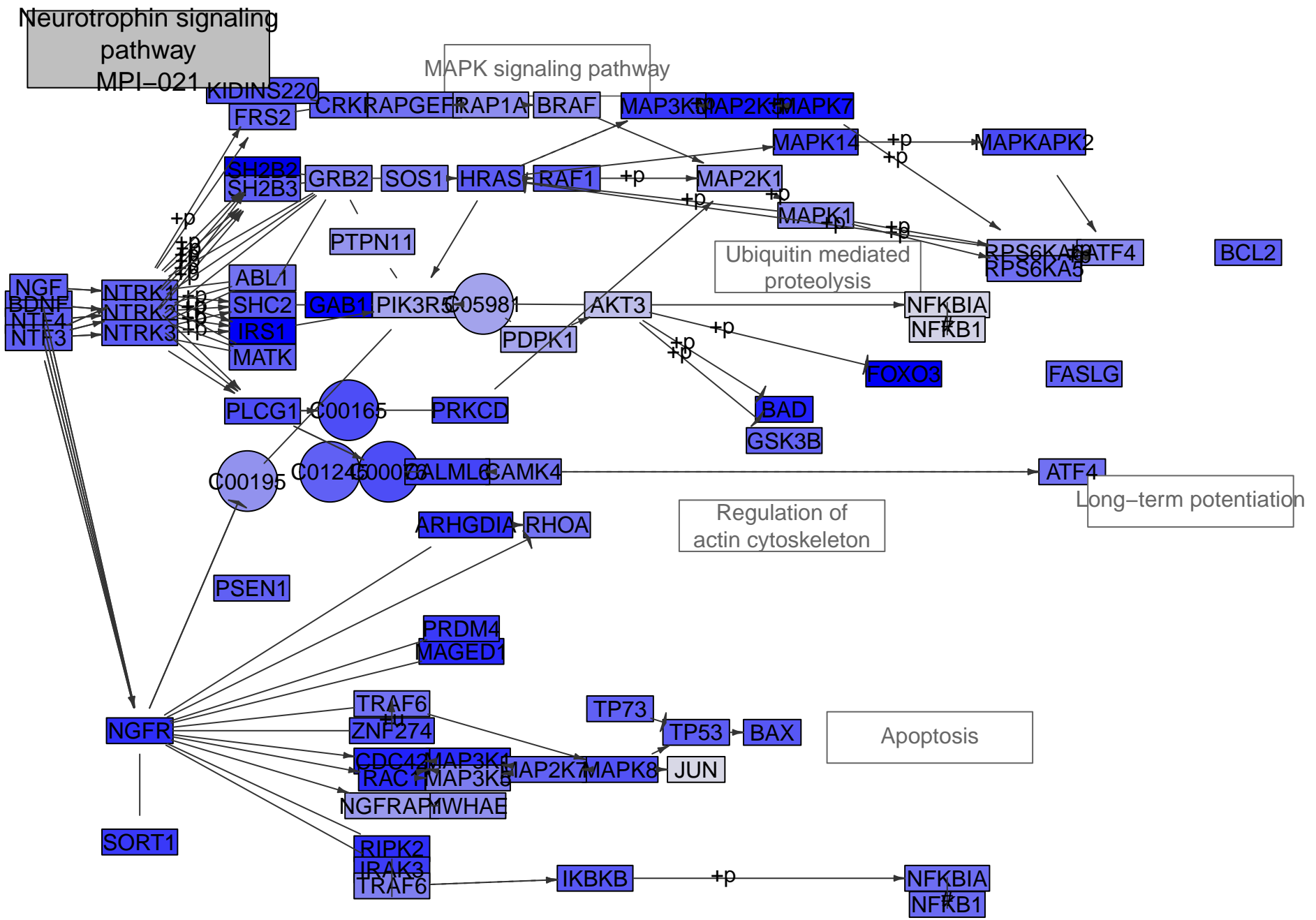


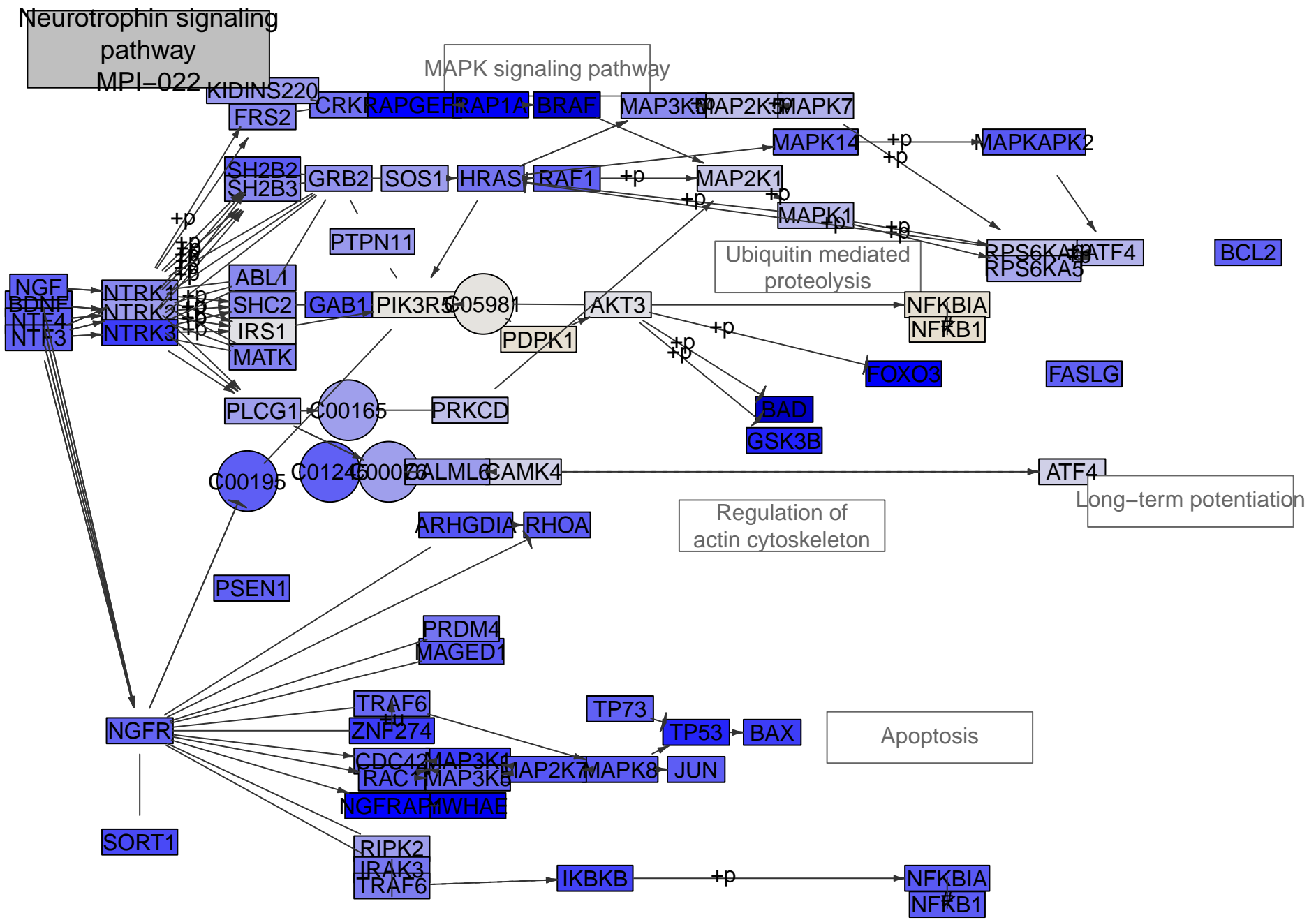


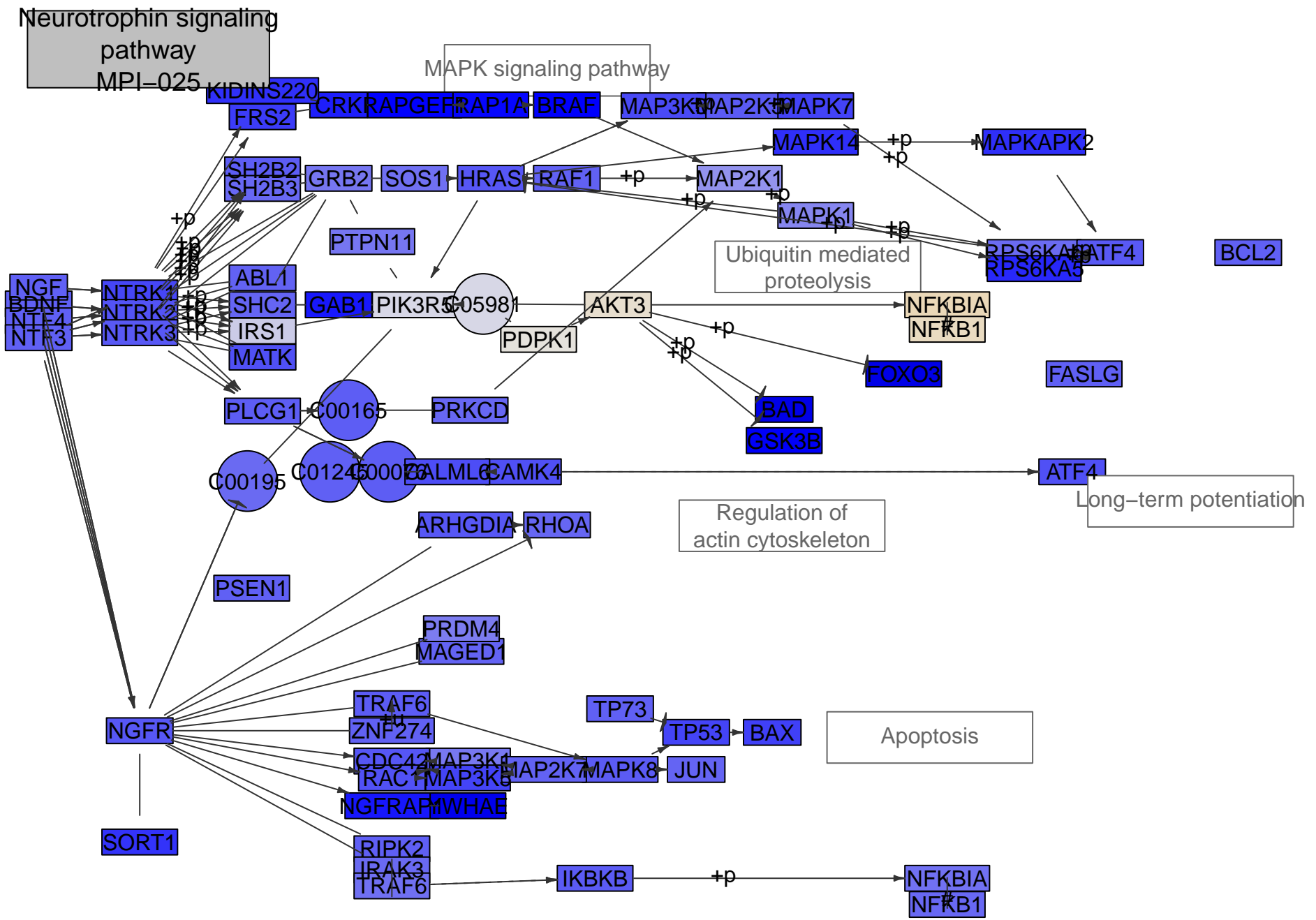


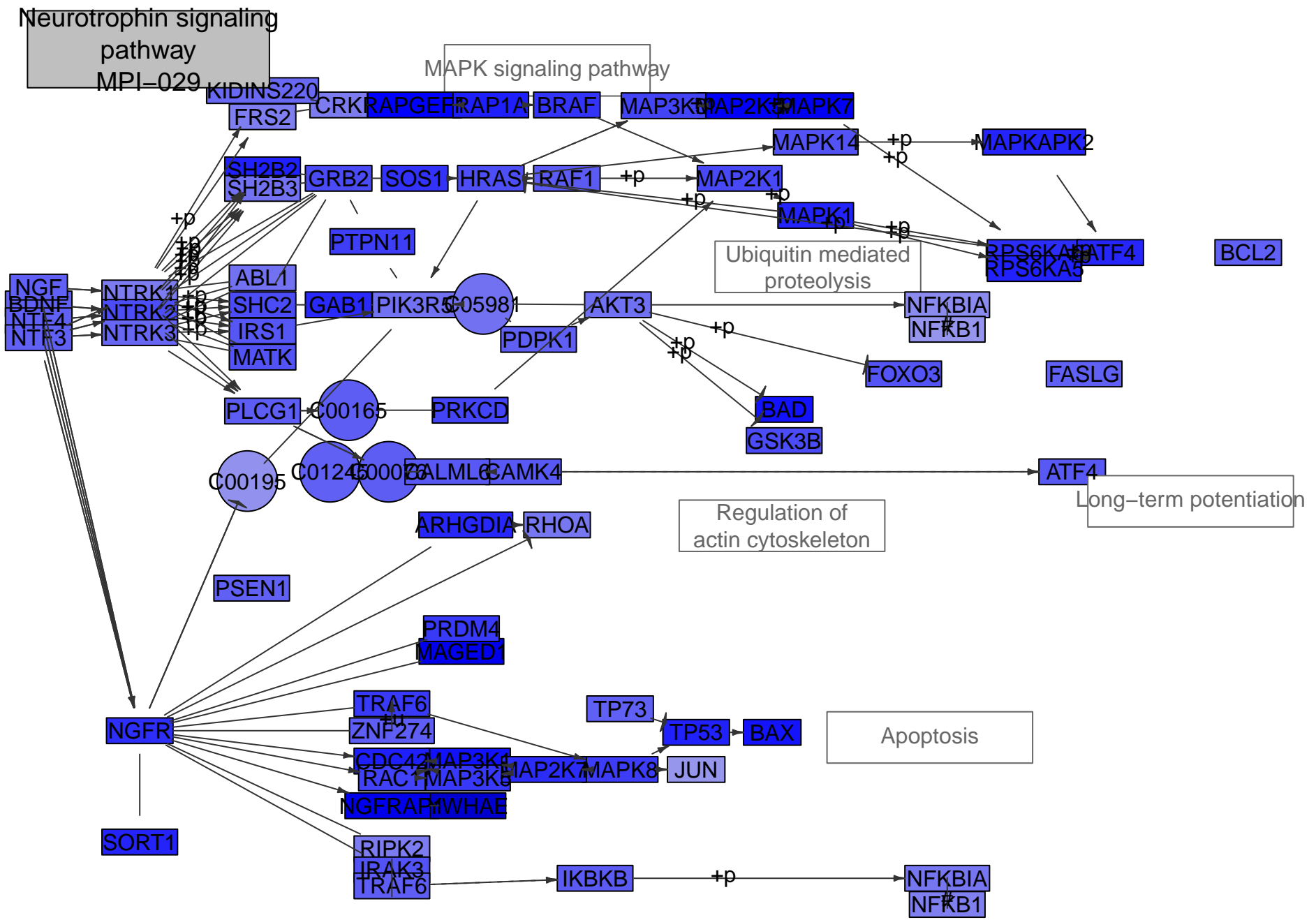


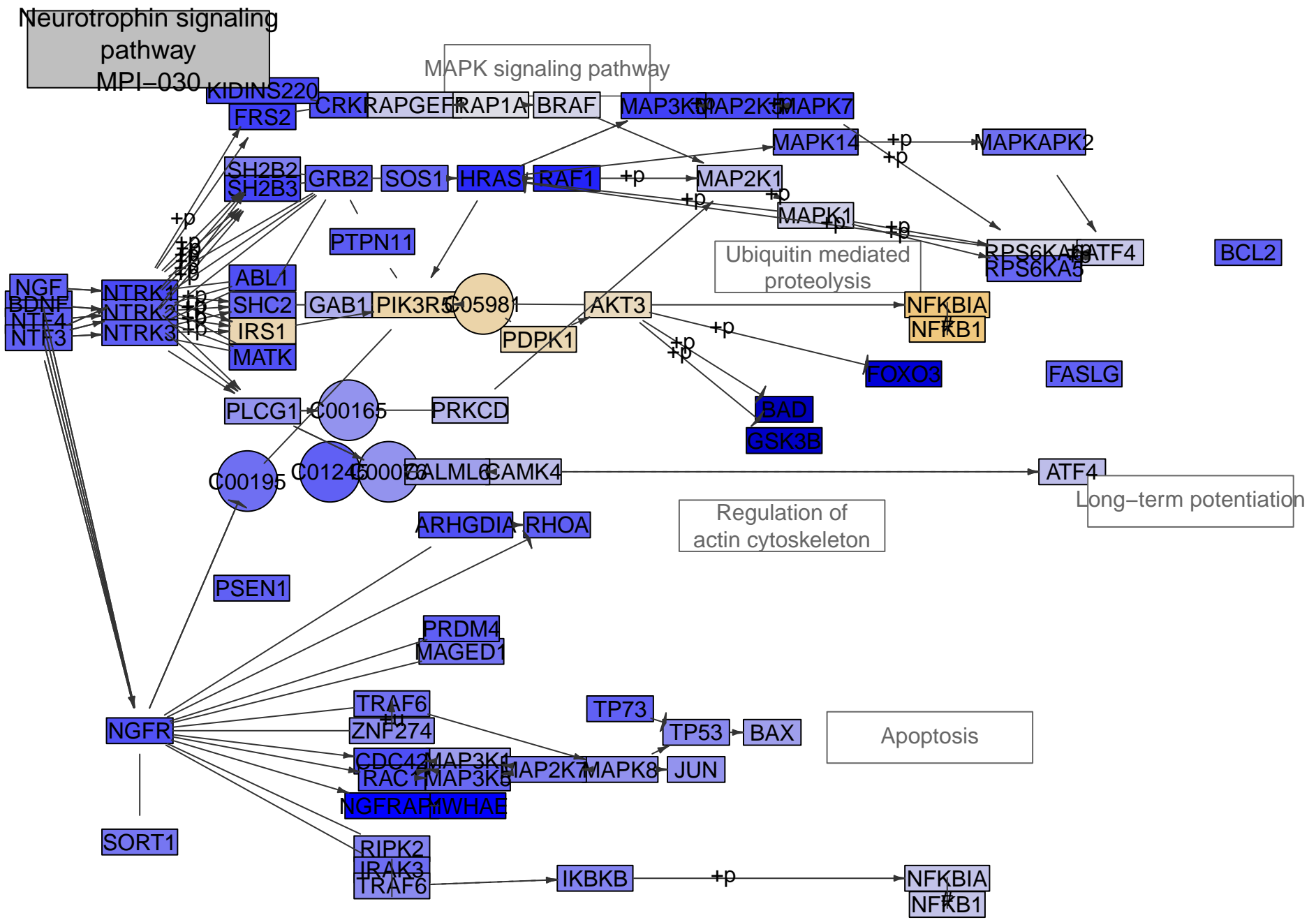


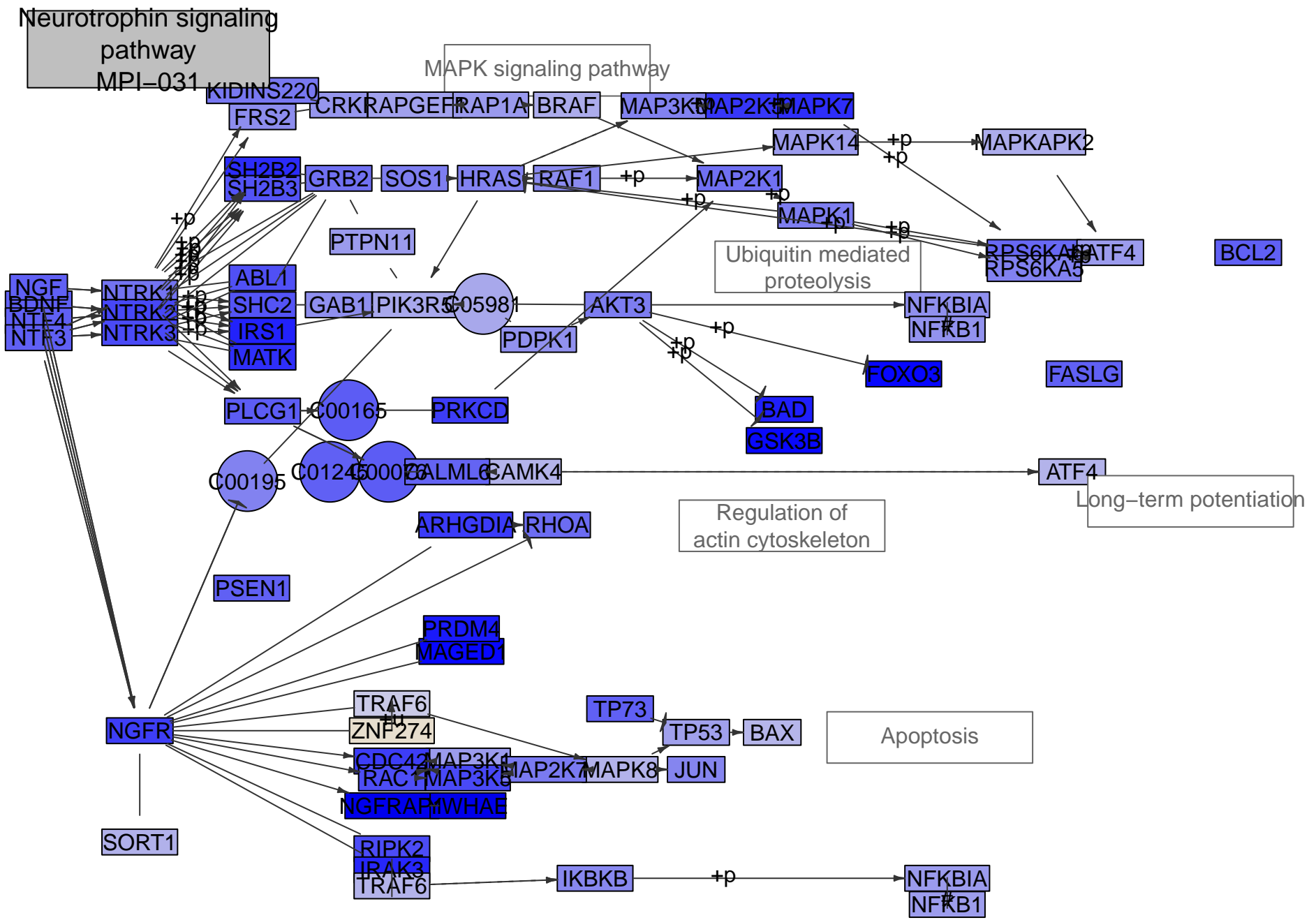


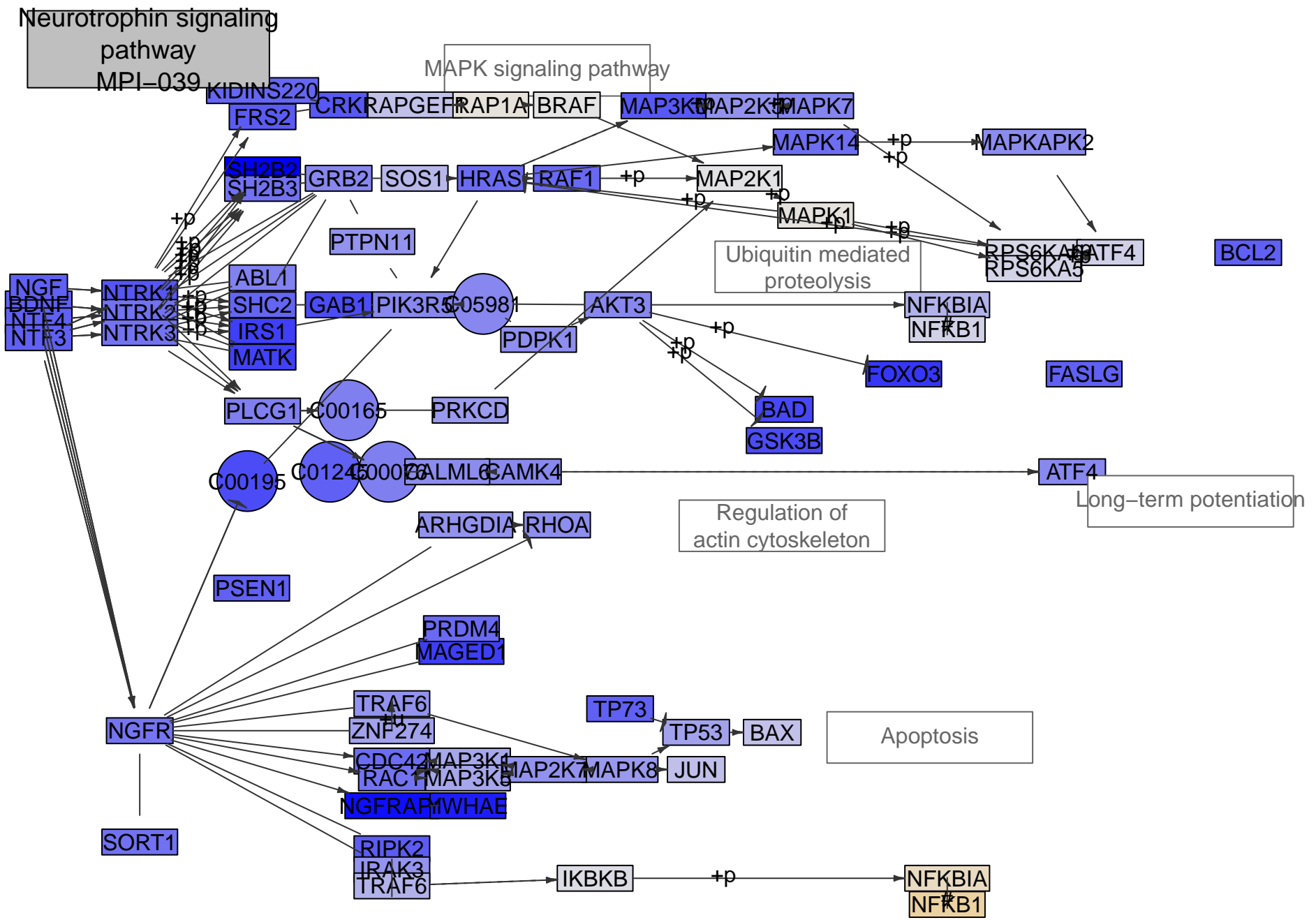


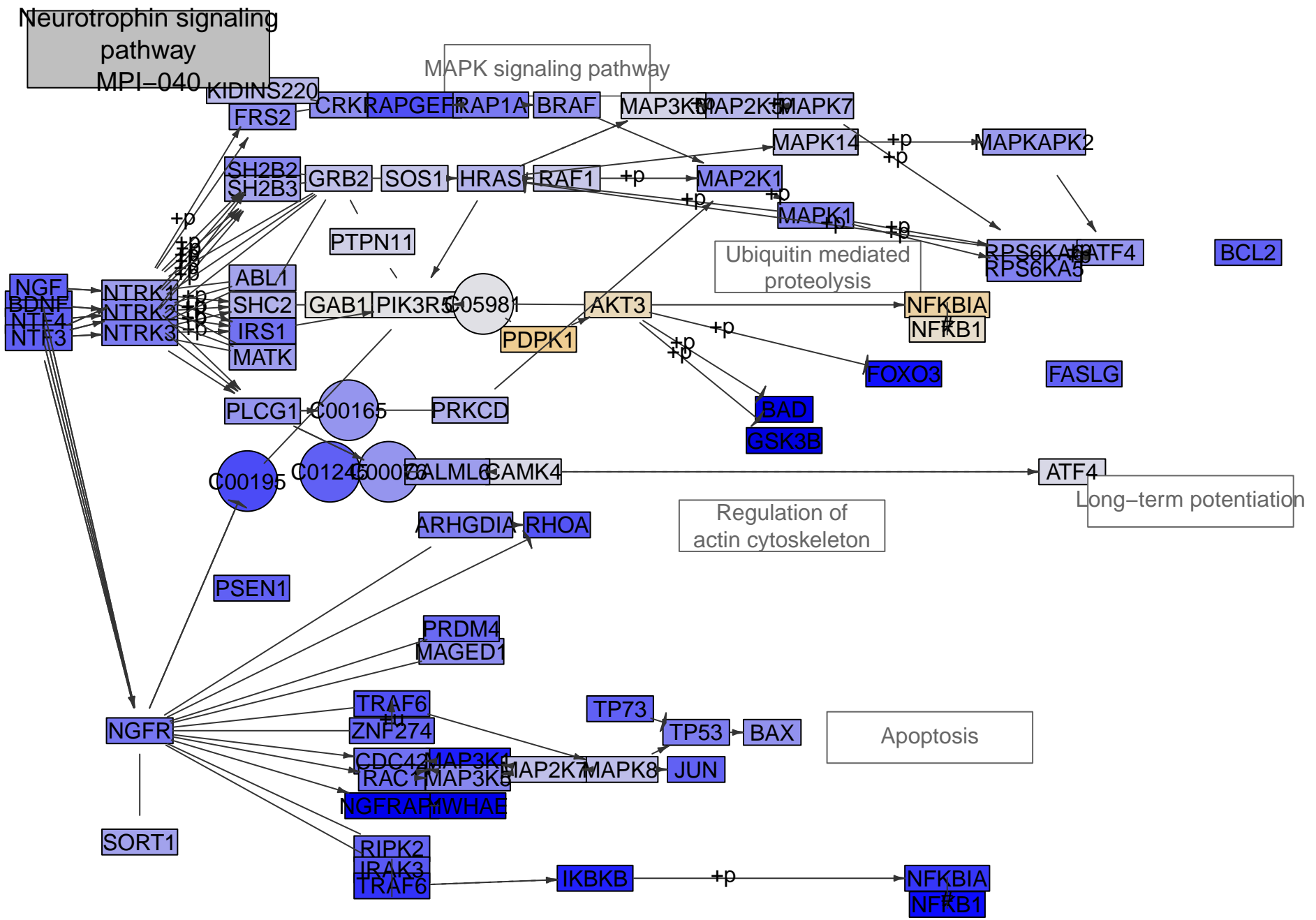


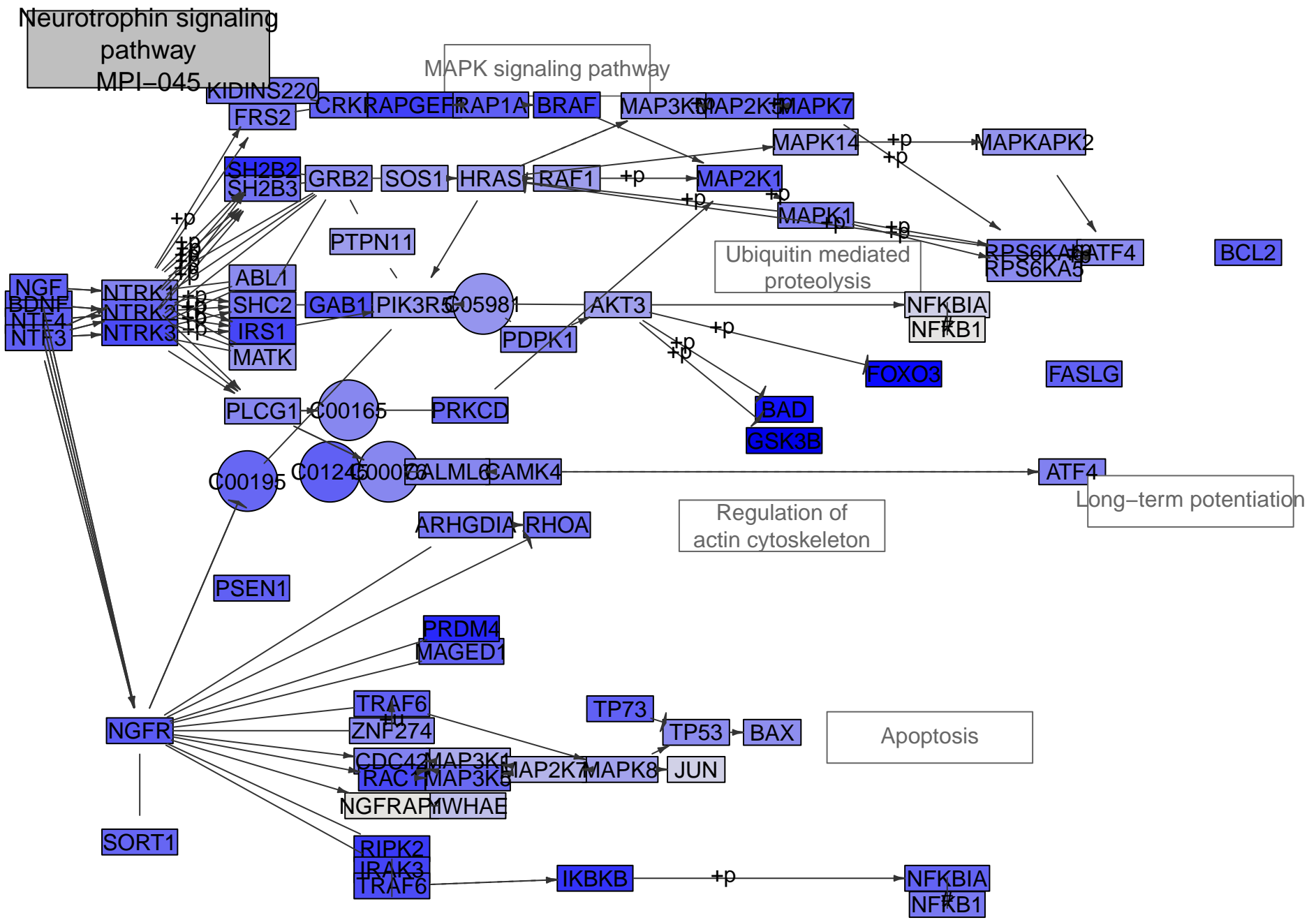


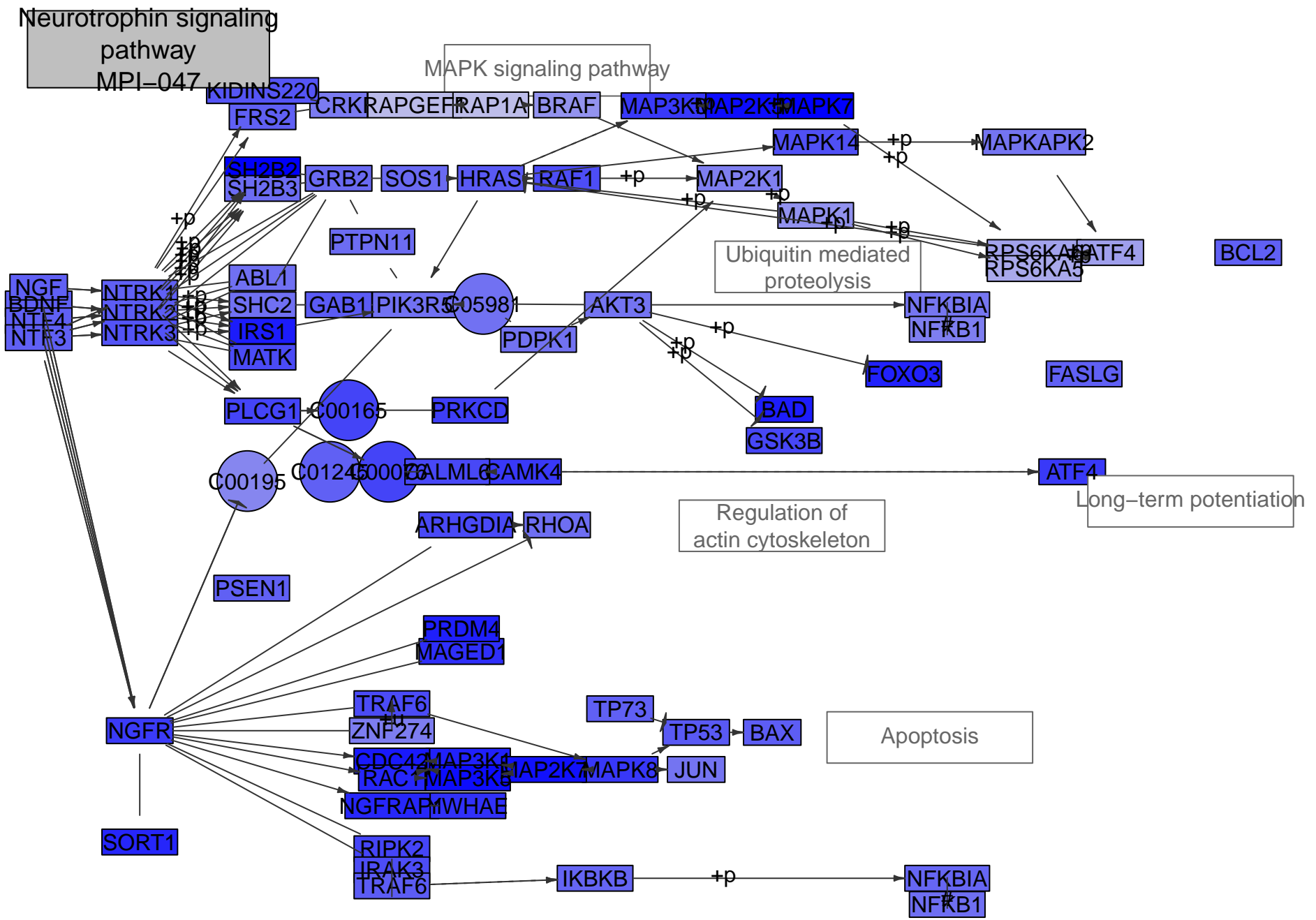


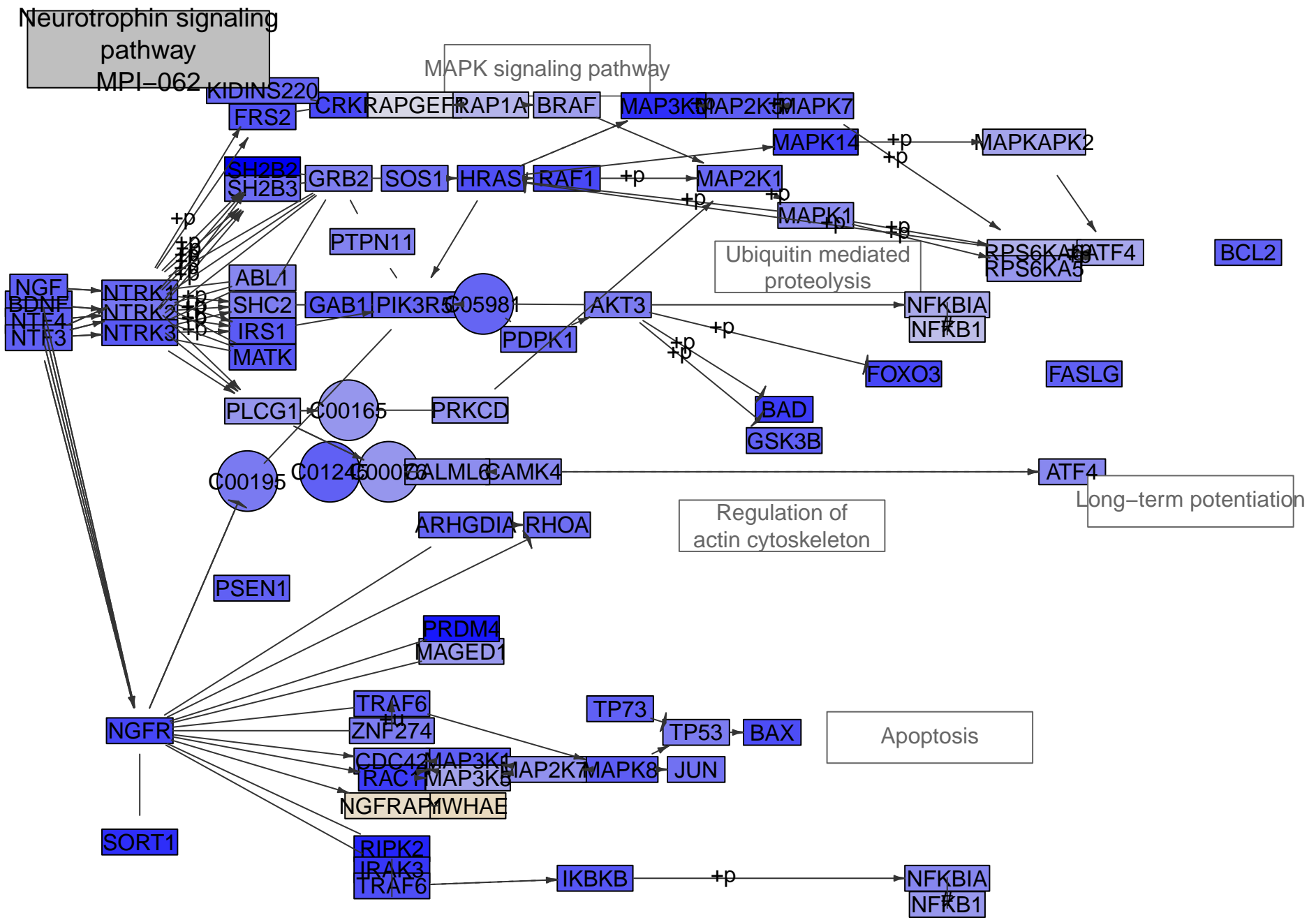


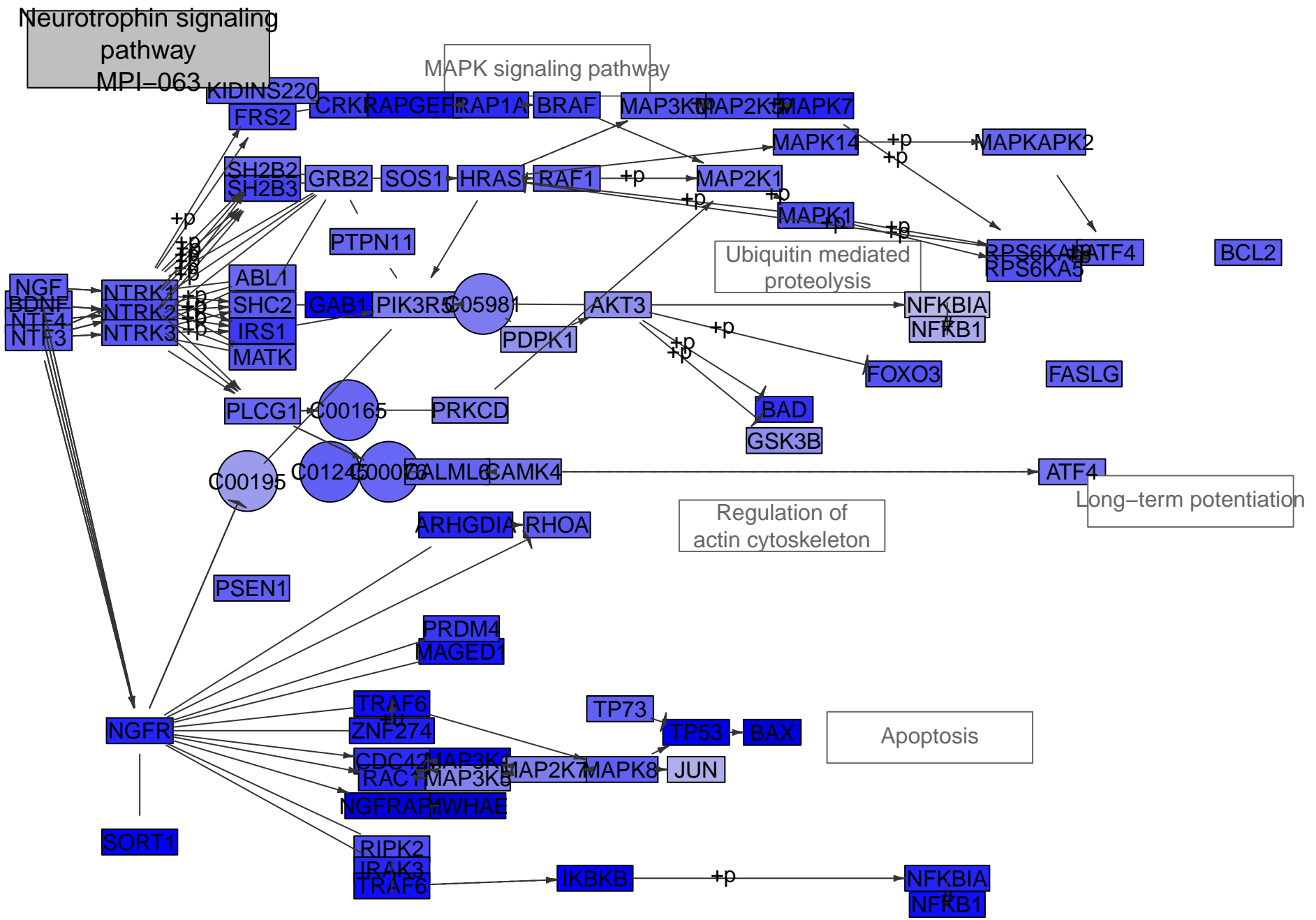












Neurotrophin signaling pathway
MPI-063

MAPK signaling pathway

Ubiquitin mediated proteolysis

Regulation of actin cytoskeleton

Apoptosis

Long-term potentiation

