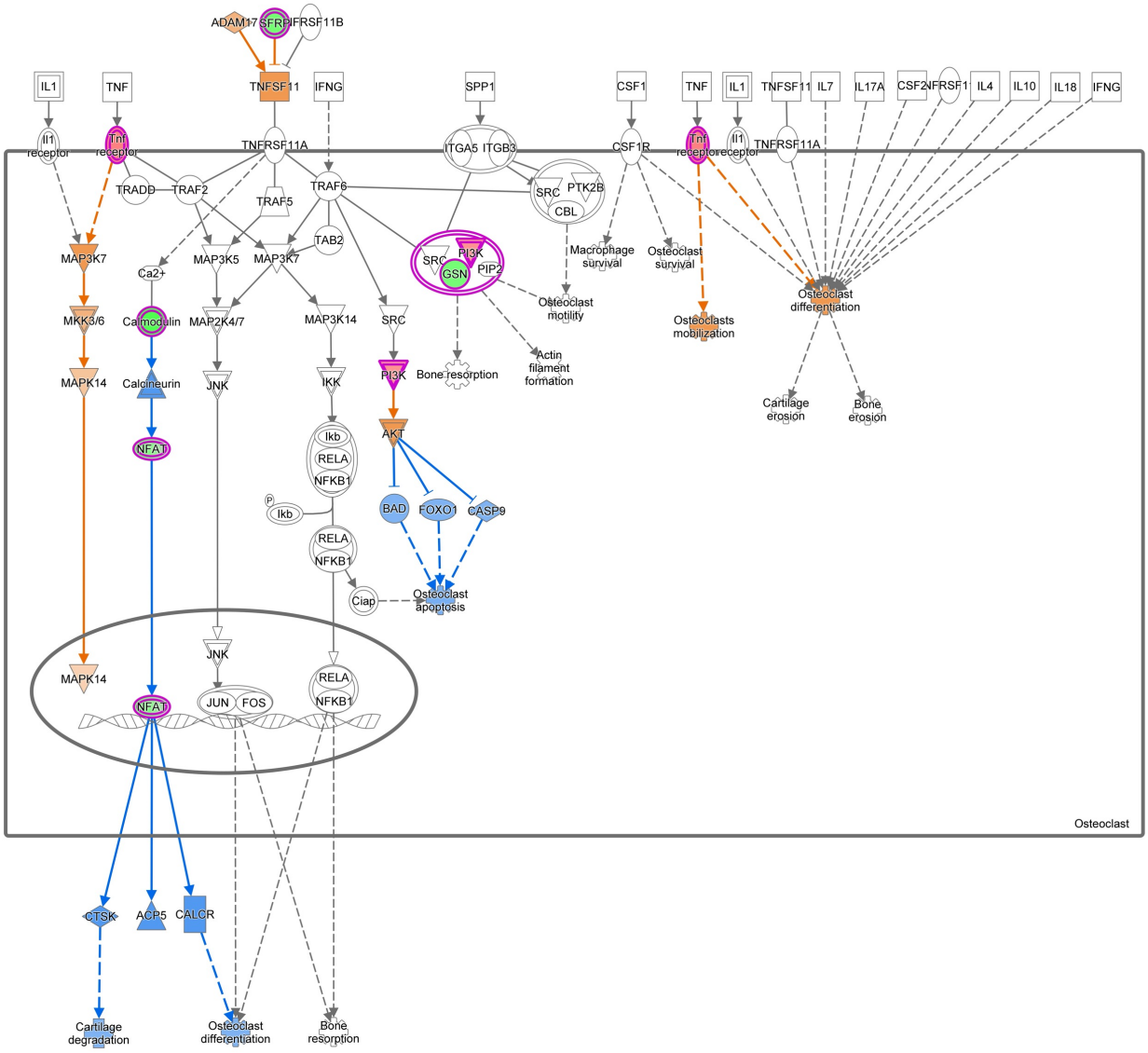
ADAM17
SFRP
TNFRSF11B
IL1
TNF
TNFSF11
IFNG
SPP1
CSF1
TNF
IL1
TNFSF11
IL7
IL17A
CSF2
IFRSF1
IL4
IL10
IL18
IFNG
Il1 receptor
Tnf receptor
TNFRSF11A
ITGA5
ITGB3
CSF1R
Tnf receptor
Il1 receptor
TNFRSF11A
TRADD
TRAF2
TRAF5
TRAF6
SRC
PTK2B
CBL
TAB2
MAP3K7
MAP3K5
MAP3K7
SRC
PI3K
GSN
PIP2
Macrophage survival
Osteoclast survival
Osteoclast differentiation
Ca2+
Calmodulin
MAP2K4/7
MAP3K14
SRC
Osteoclast motility
Osteoclasts mobilization
MKK3/6
MAPK14
Calcineurin
JNK
IKK
PI3K
Bone resorption
Actin filament formation
Cartilage erosion
Bone erosion
NFAT
Ikb
RELA
NFKB1
AKT
P
Ikb
BAD
FOXO1
CASP9
RELA
NFKB1
Ciap
Osteoclast apoptosis
JNK
MAPK14
NFAT
JUN
FOS
RELA
NFKB1
Osteoclast
CTSK
ACP5
CALCR
Cartilage degradation
Osteoclast differentiation
Bone resorption