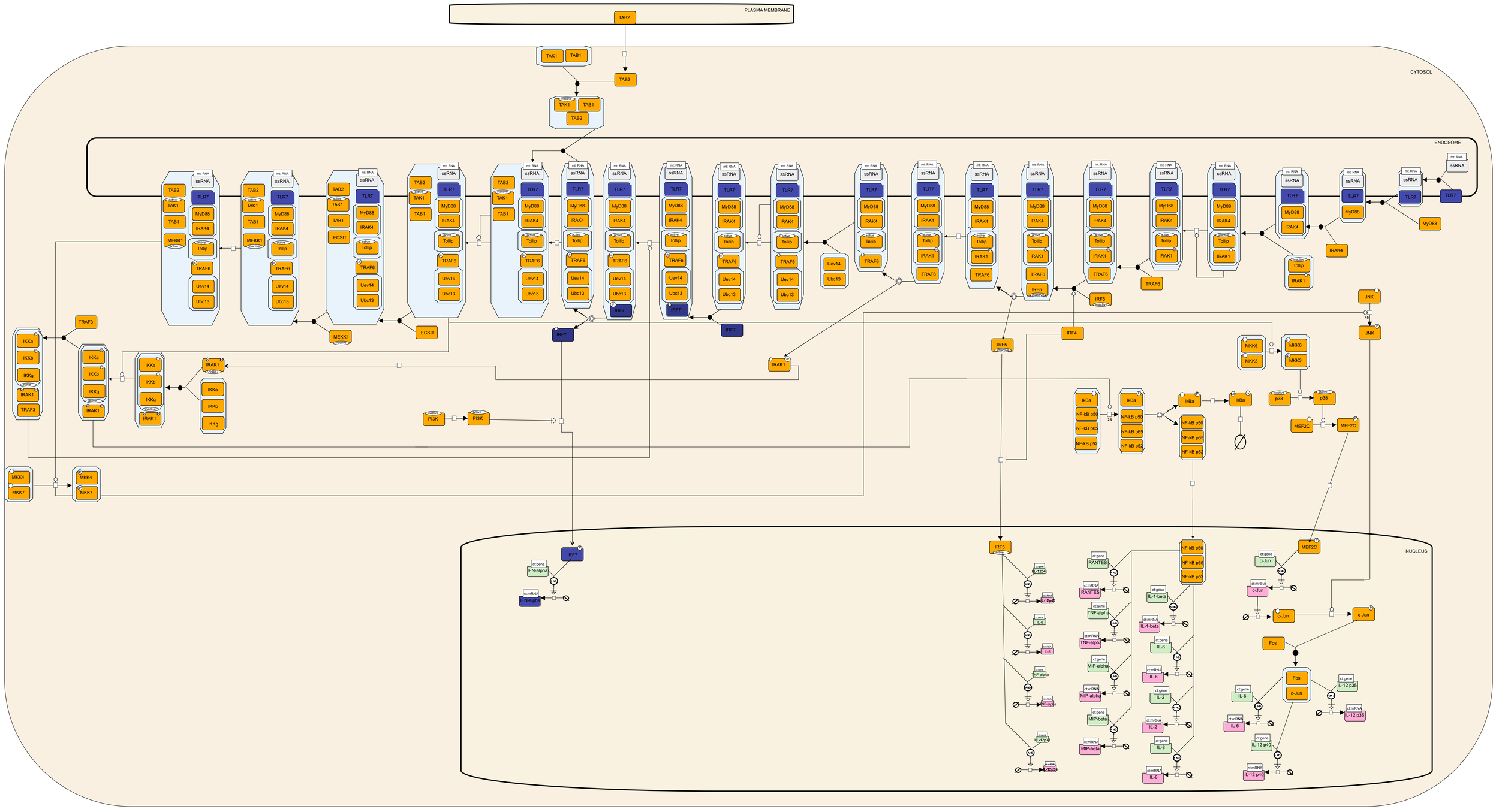
PLASMA MEMBRANE
CYTOSOL
ENDOSOME
NUCLEUS
TAB2
TAK1
TAB1
MEKK1
ECSIT
TLR7
MyD88
IRAK4
Tollip
TRAF6
Uev14
Ubc13
IRF7
IRF5
IRF4
IRAK1
TRAF3
IKKa
IKKb
IKKg
MKK4
MKK7
MKK6
MKK3
JNK
p38
MEF2C
IkBa
NF-kB p50
NF-kB p65
NF-kB p52
PI3K
IFN-alpha
RANTES
TNF-alpha
MIP-alpha
MIP-beta
IL-1-beta
IL-6
IL-2
IL-8
c-Jun
Fos
IL-12 p35
IL-12 p40