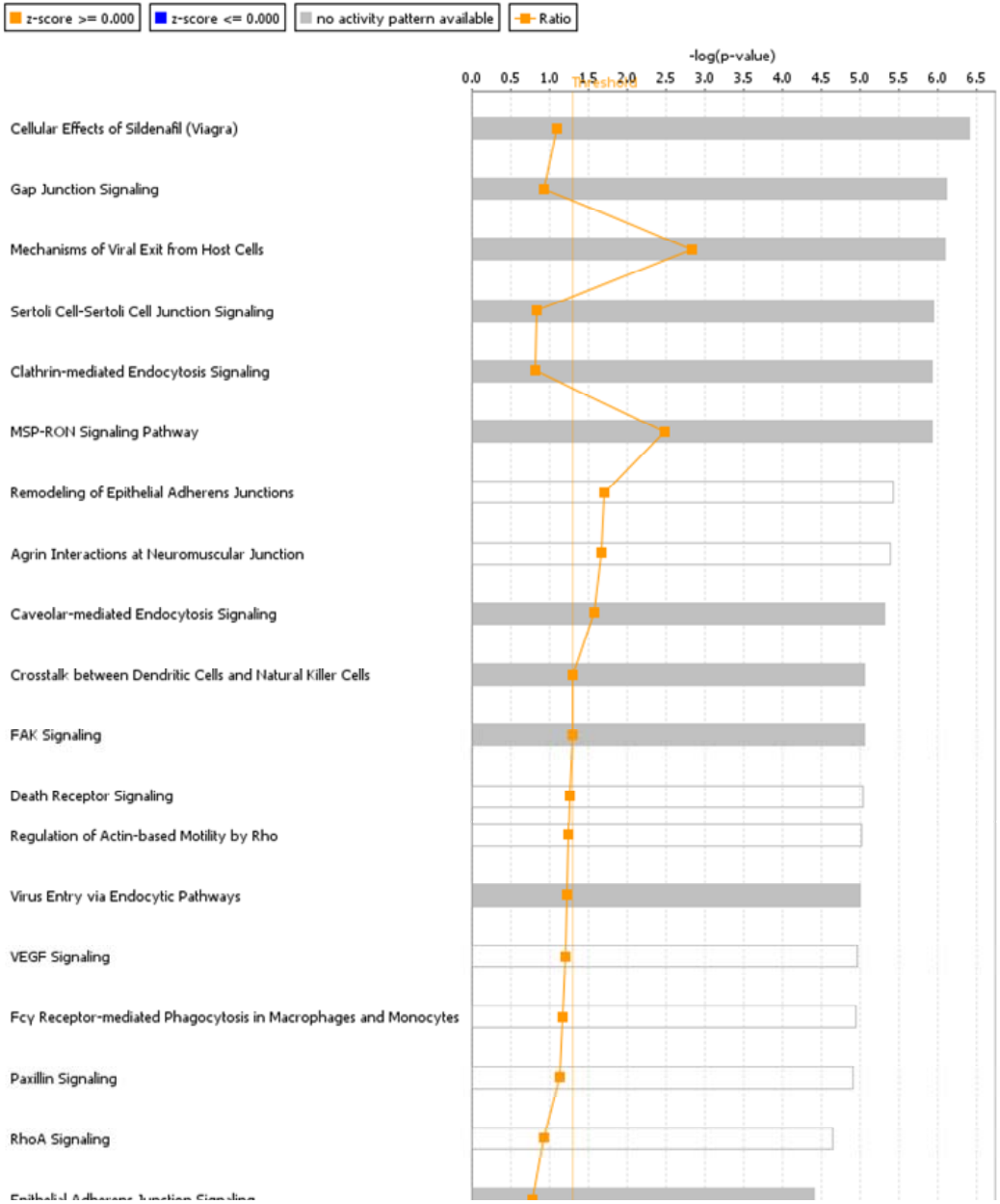
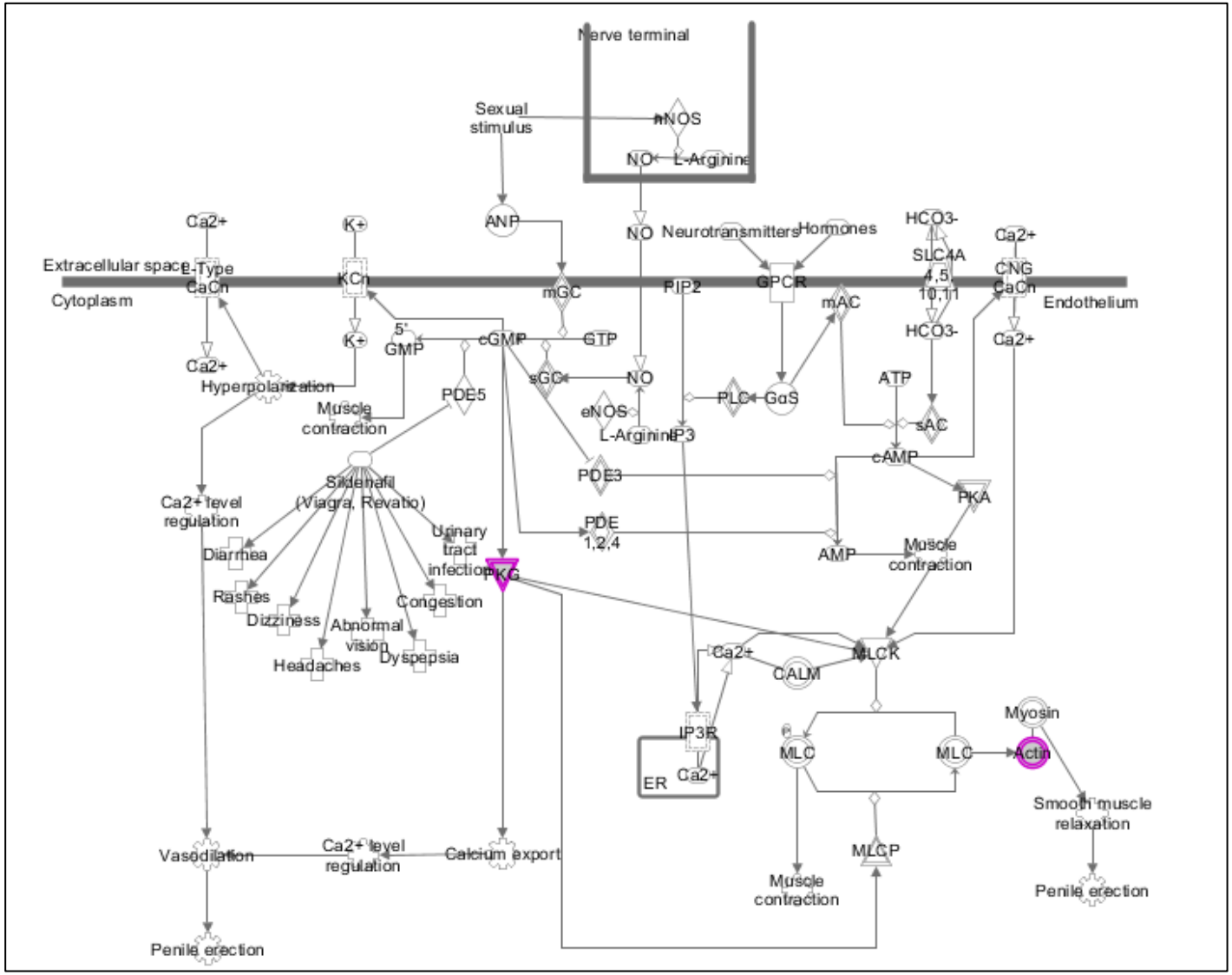
Supplemental materials 8.3
Statistically significant canonical pathways derived from nitroproteins from a pituitary control for IPA analysis (Dataset 8)

1. Cellular effects of sildenafil (Viagra)
2. Gap junction signaling
3. Mechanisms of viral exit from host cells
4. Sertoli cell-sertoli cell junction signaling
5. Clathrin-mediated endocytosis signaling
6. MSP-RON signaling pathway
7. Remodeling of epthelial adherens junctions
8. Agrin interactions at neuromuscular junction
9. Caveolar-mediated endocytosis signaling
10. Crosstalk between dentritic cells and natrual killer cells
11. FAK signaling
12. Death receptor signaling
13. Regulation of actin-based motility by Rho
14. Virus entry via endocytic pathways
15. VEGF signaling
16. Fcy receptor-mediated phagocytosis in macrophages and monocytes
17. Paxillin signaling
18. RhoA signaling
19. Epthelial adherens junction signaling
20. Tec kinase signaling
21. Germ cell-sertoli cell junction signaling
22. Tight junction signaling
23. RhoGDI signaling
24. NRF2-mediated oxidative stress response
25. ILK signaling
26. Agranulocyte adhesion and diapedesis
27. Integrin signaling
28. Leukocyte extravasation signaling
29. Actin cytoskeleton signaling
30. Signaling by Rho family GTPases
31. Calcium signaling
32. Protein ubiquitination pathway
33. Nitric oxide signaling in the cardiovascular system

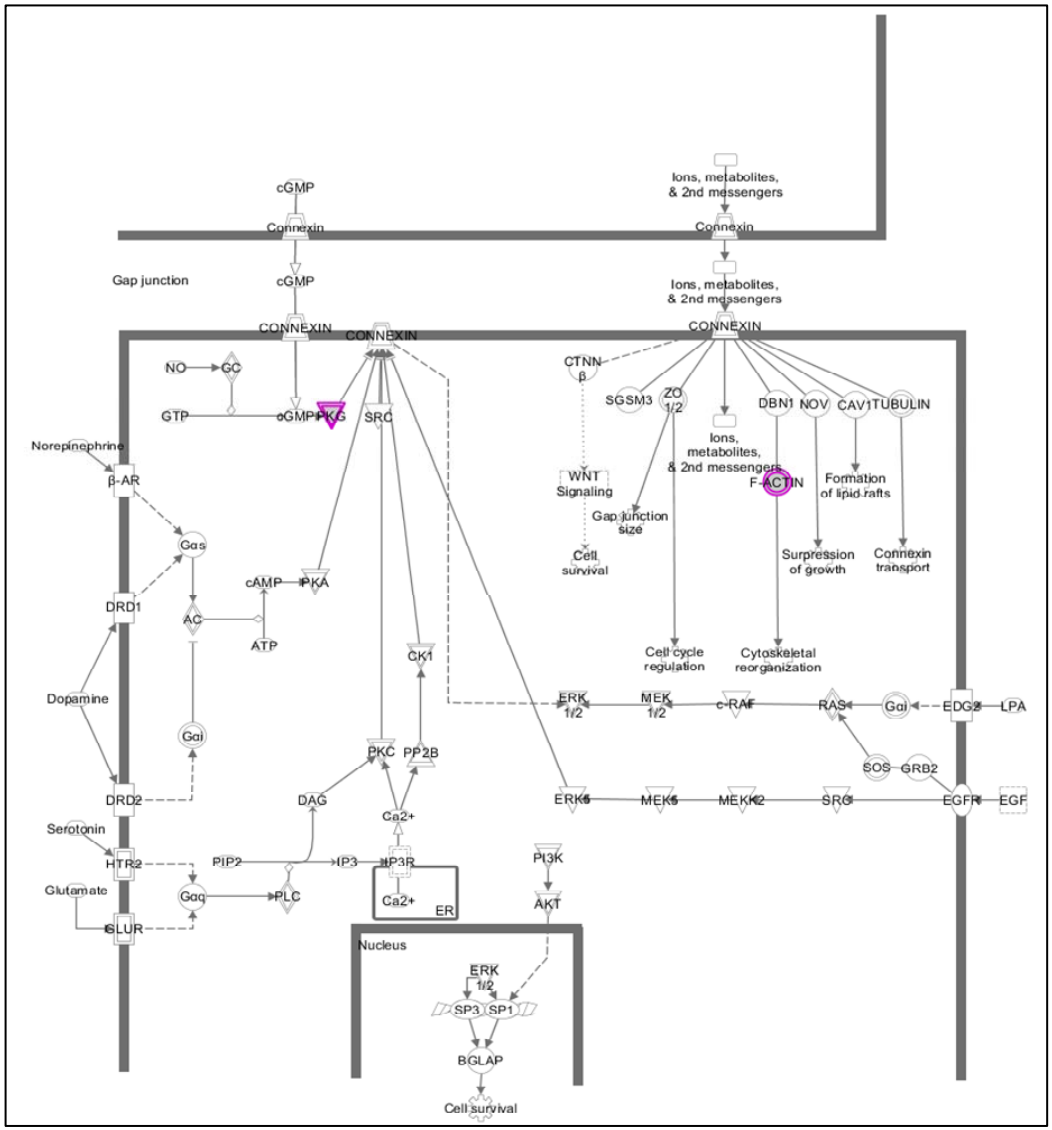
Dataset 8-Canonical Pathway Chart



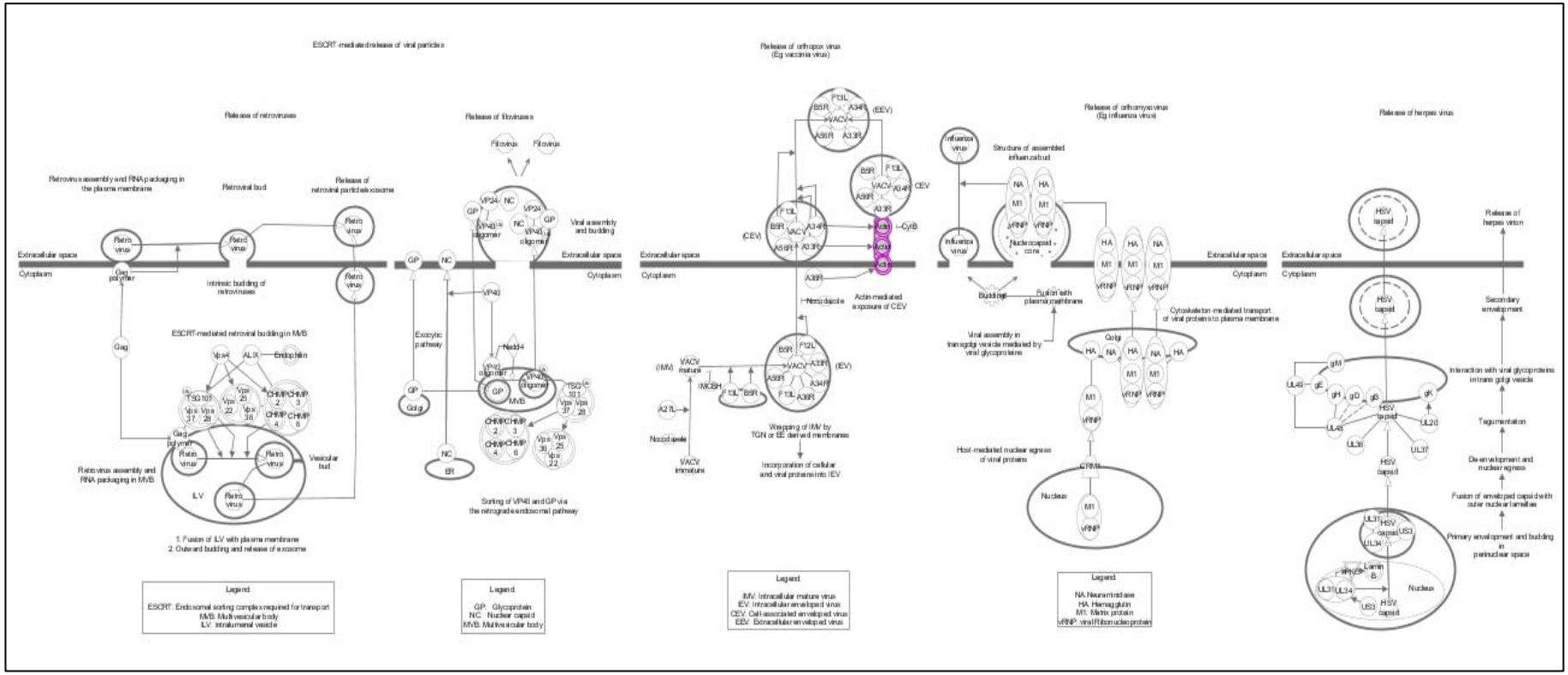
1-Cellular effects of sildenafil (Viagra)



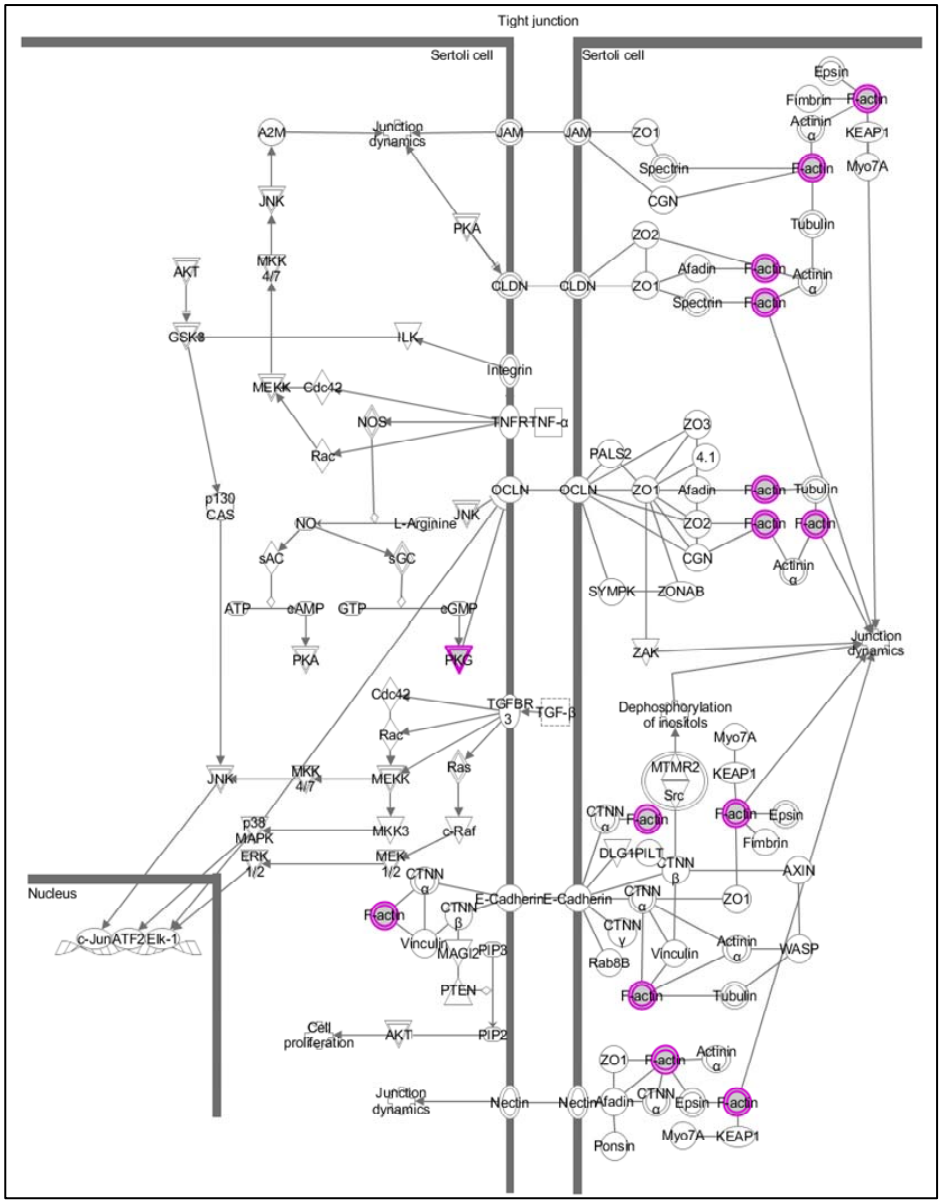
2-Gap junction signaling



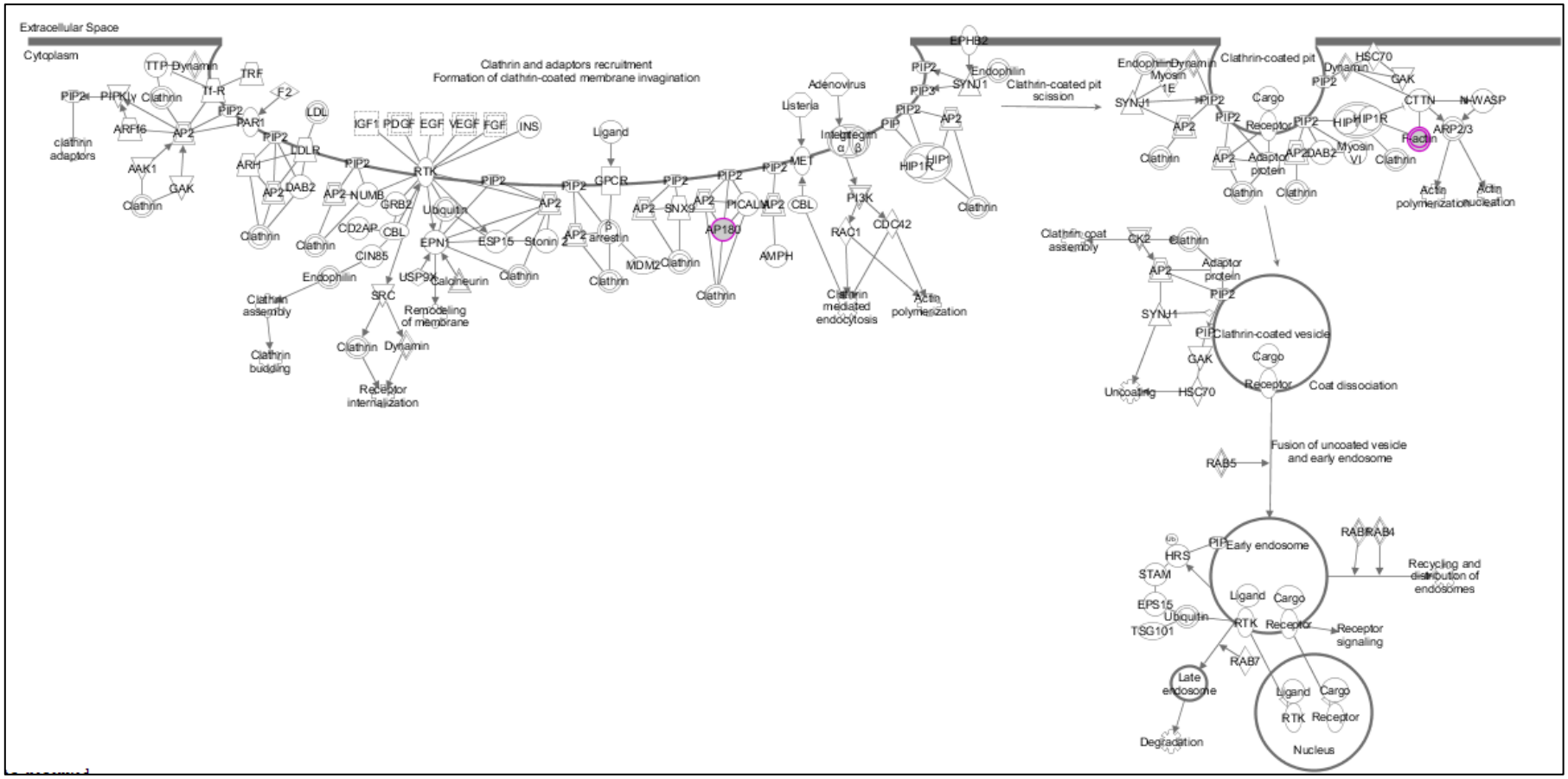
3-Mechanisms of viral exit from host cells



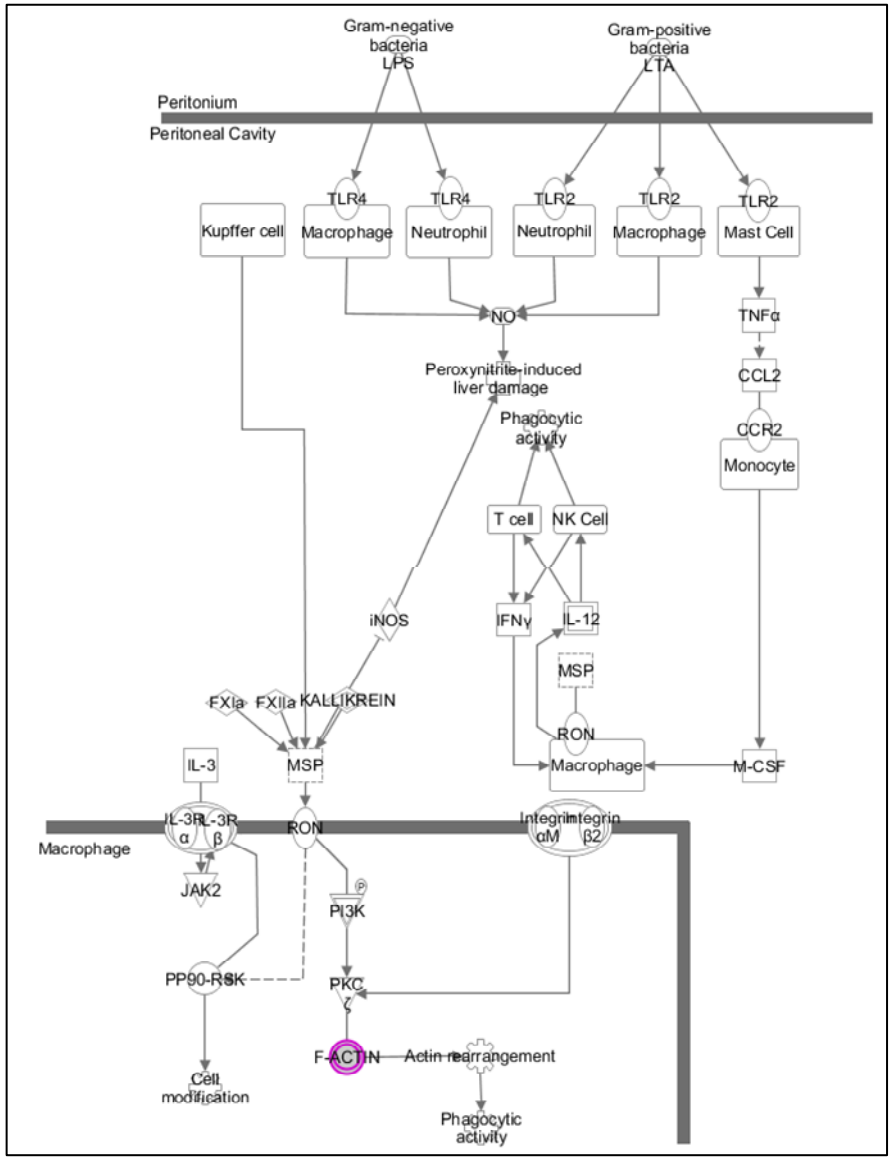
4-Sertoli cell-sertoli cell junction signaling



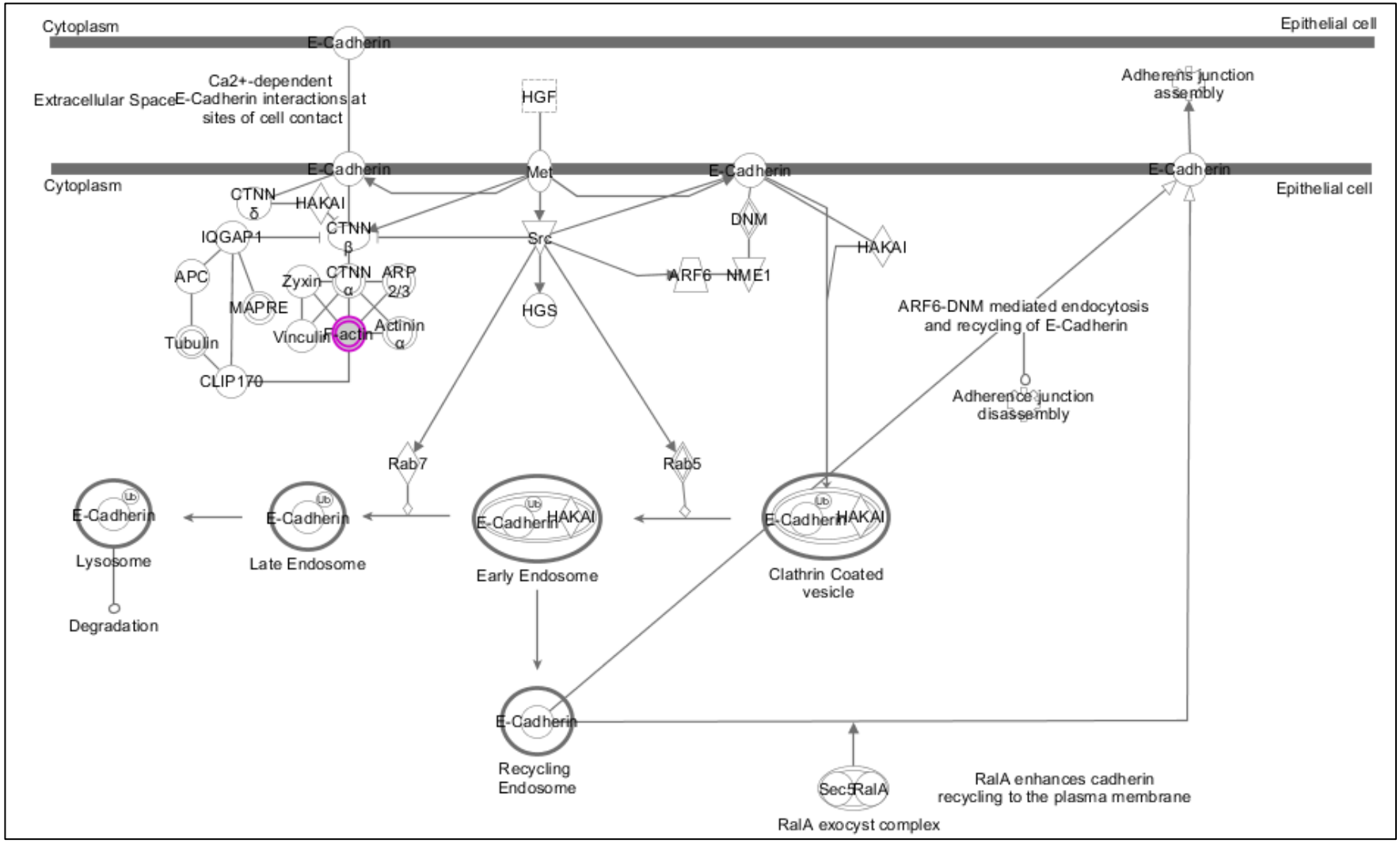
5-Clathrin-mediated endocytosis signaling



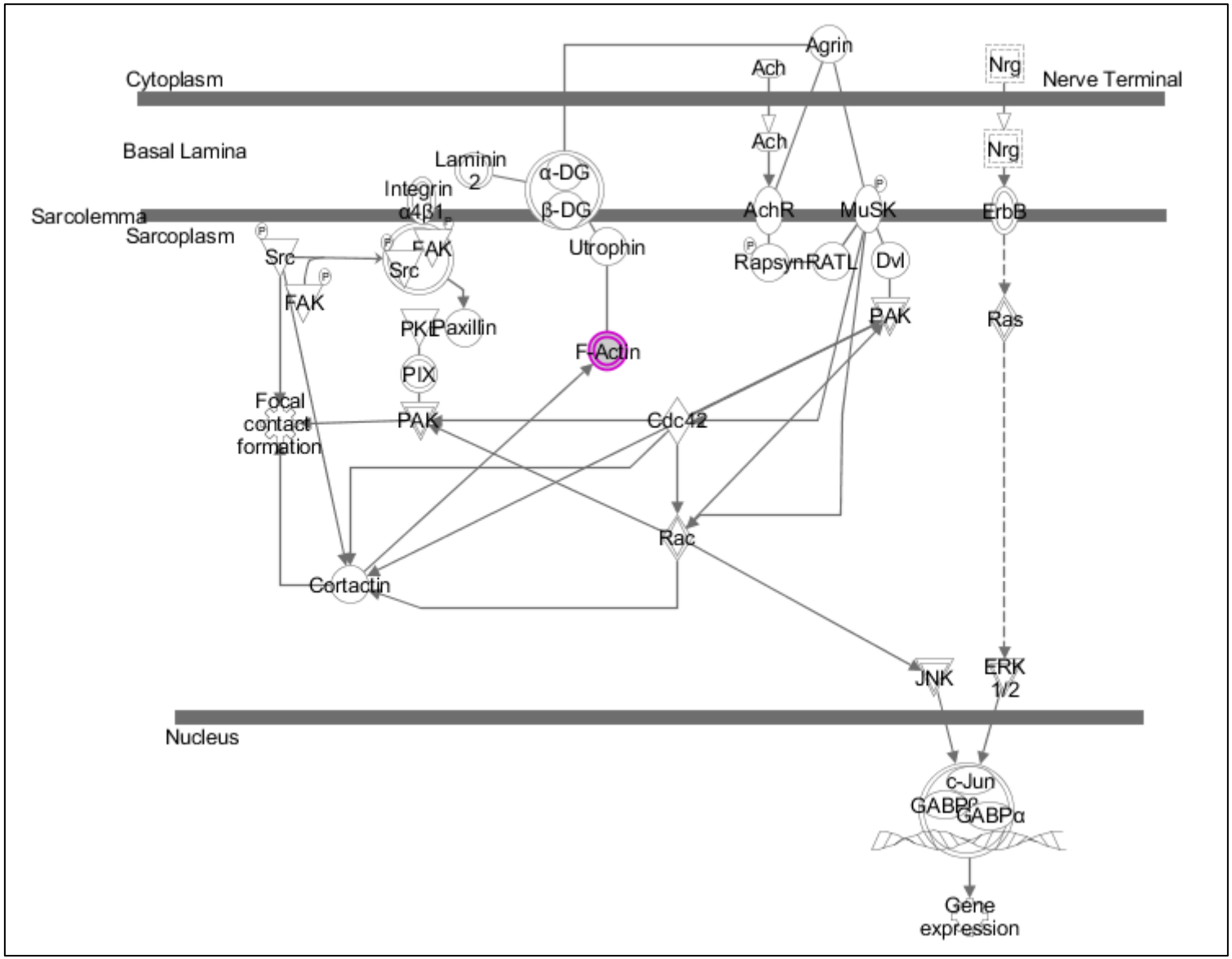
6-MSP-RON signaling pathway



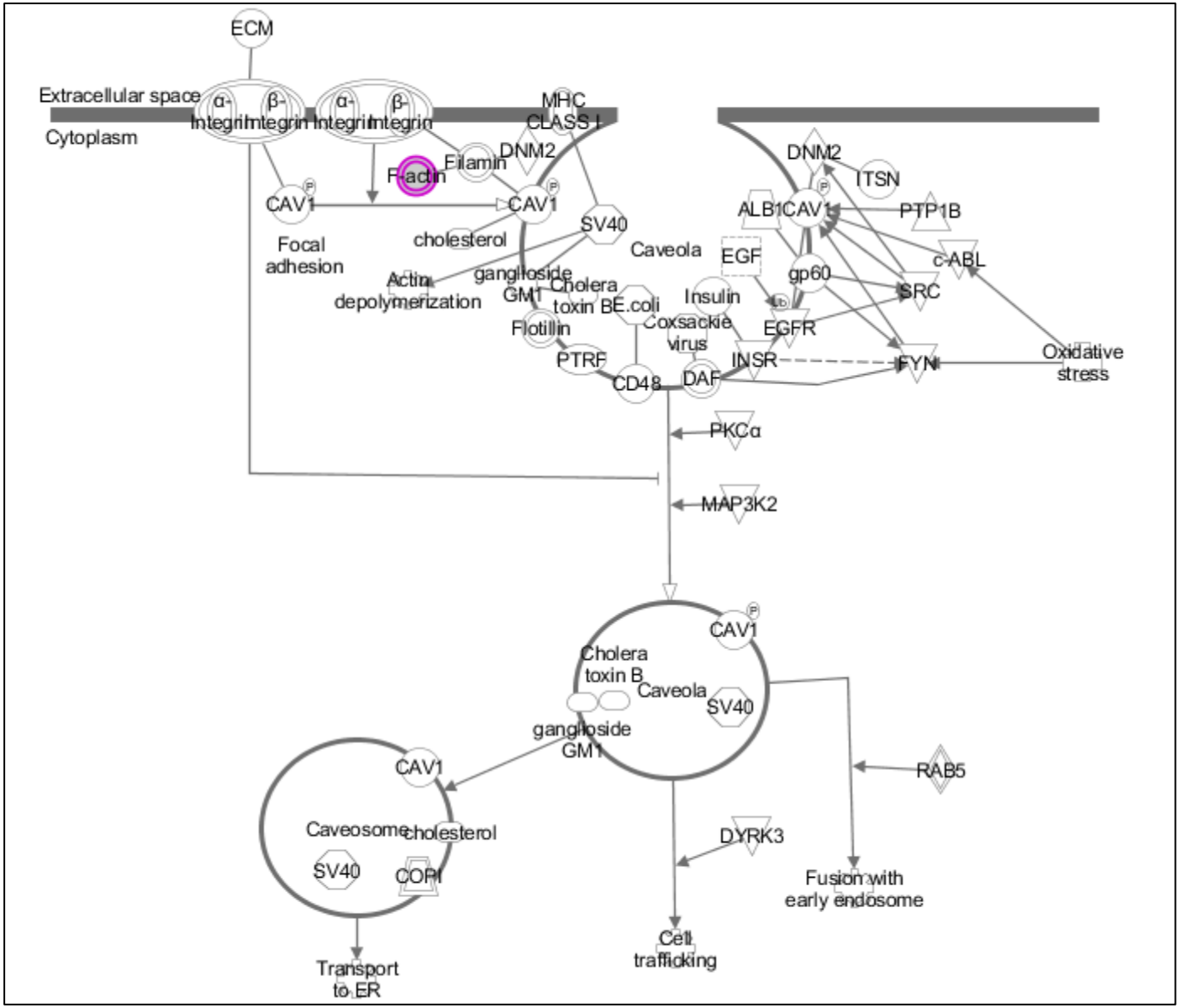
7-Remodeling of epthelial adherens junctions



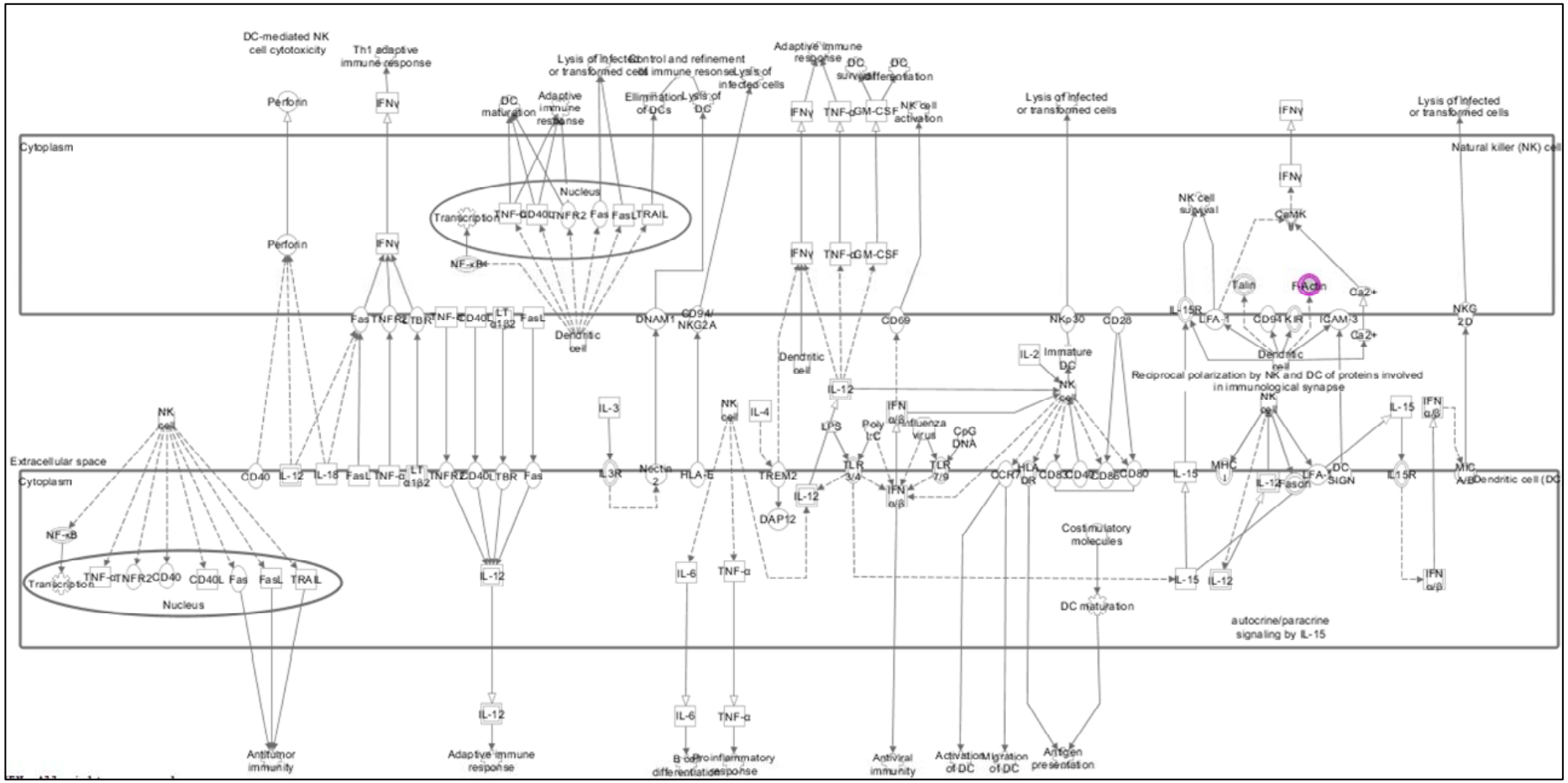
8-Agrin interactions at neuromuscular junction



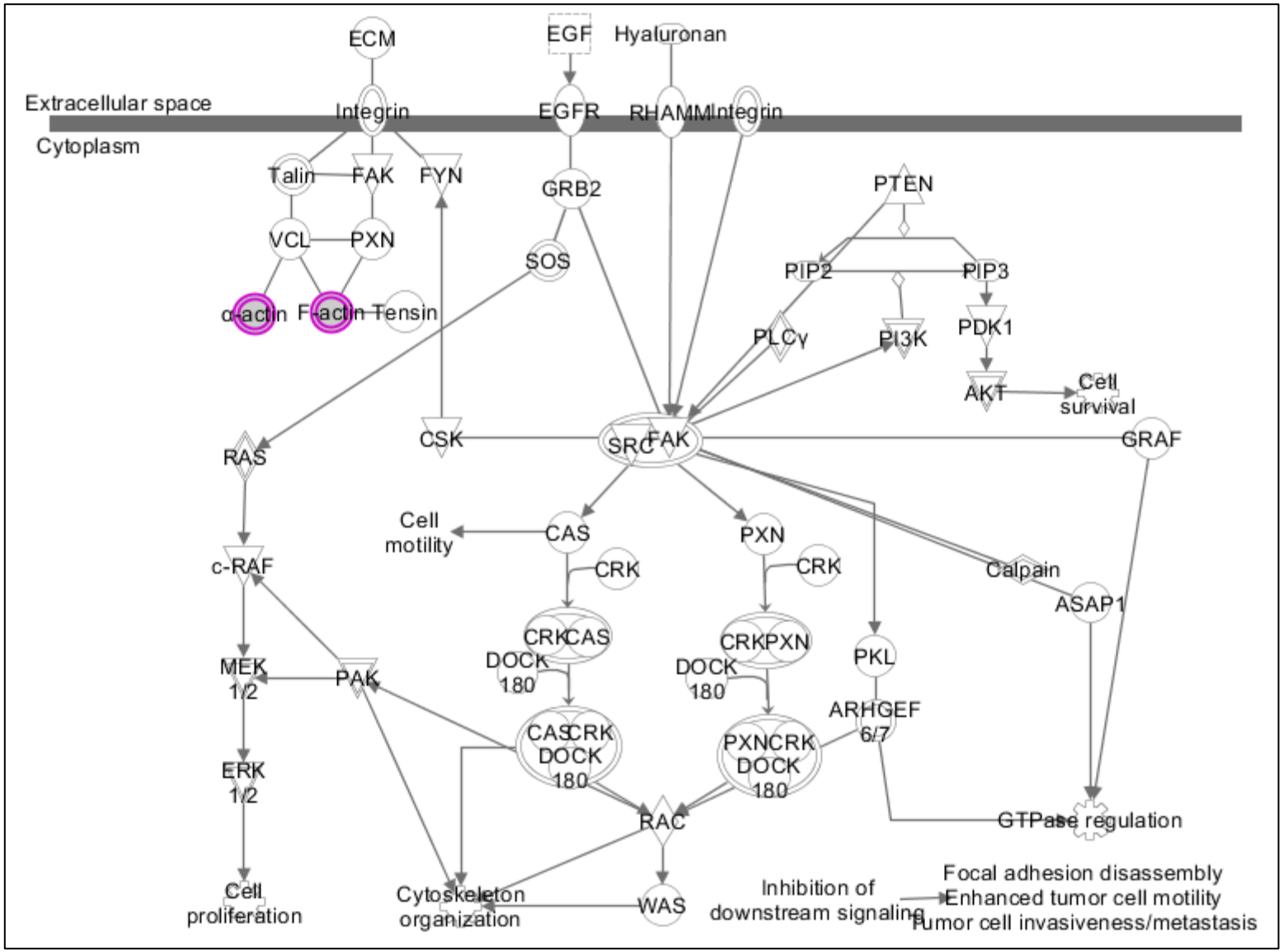
9-Caveolar-mediated endocytosis signaling



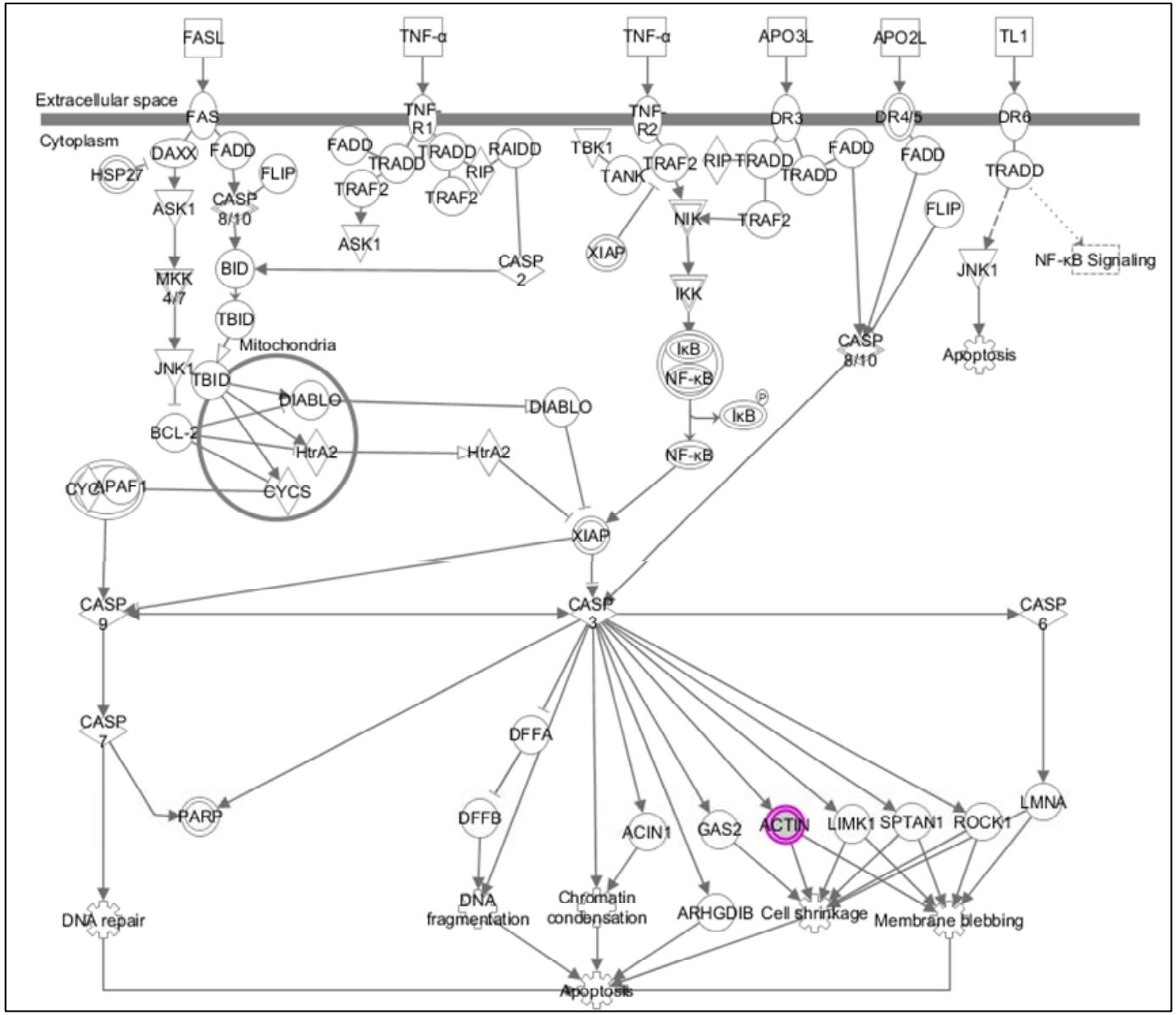
10-Crosstalk between dentritic cells and natrual killer cells



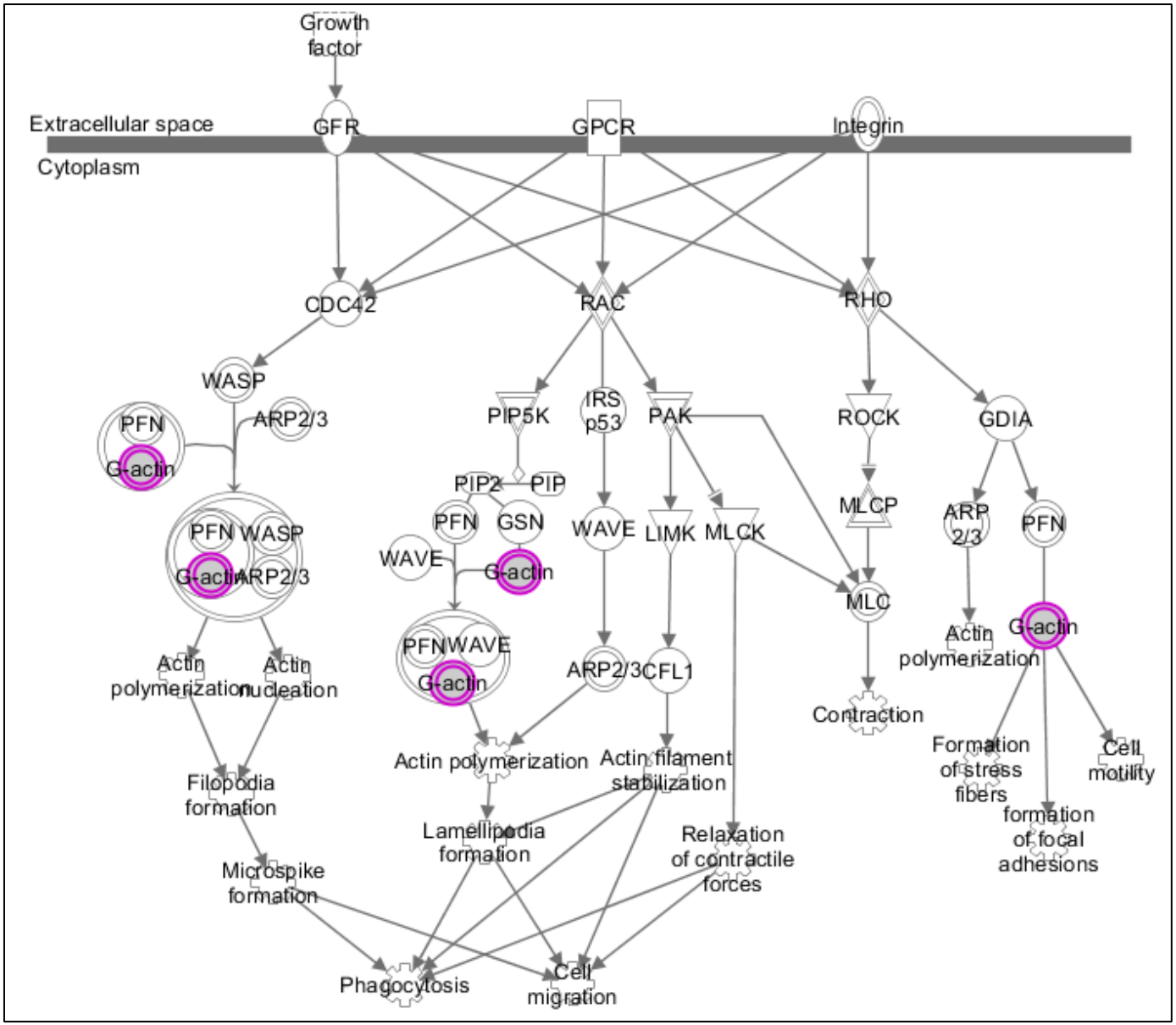
11-FAK signaling



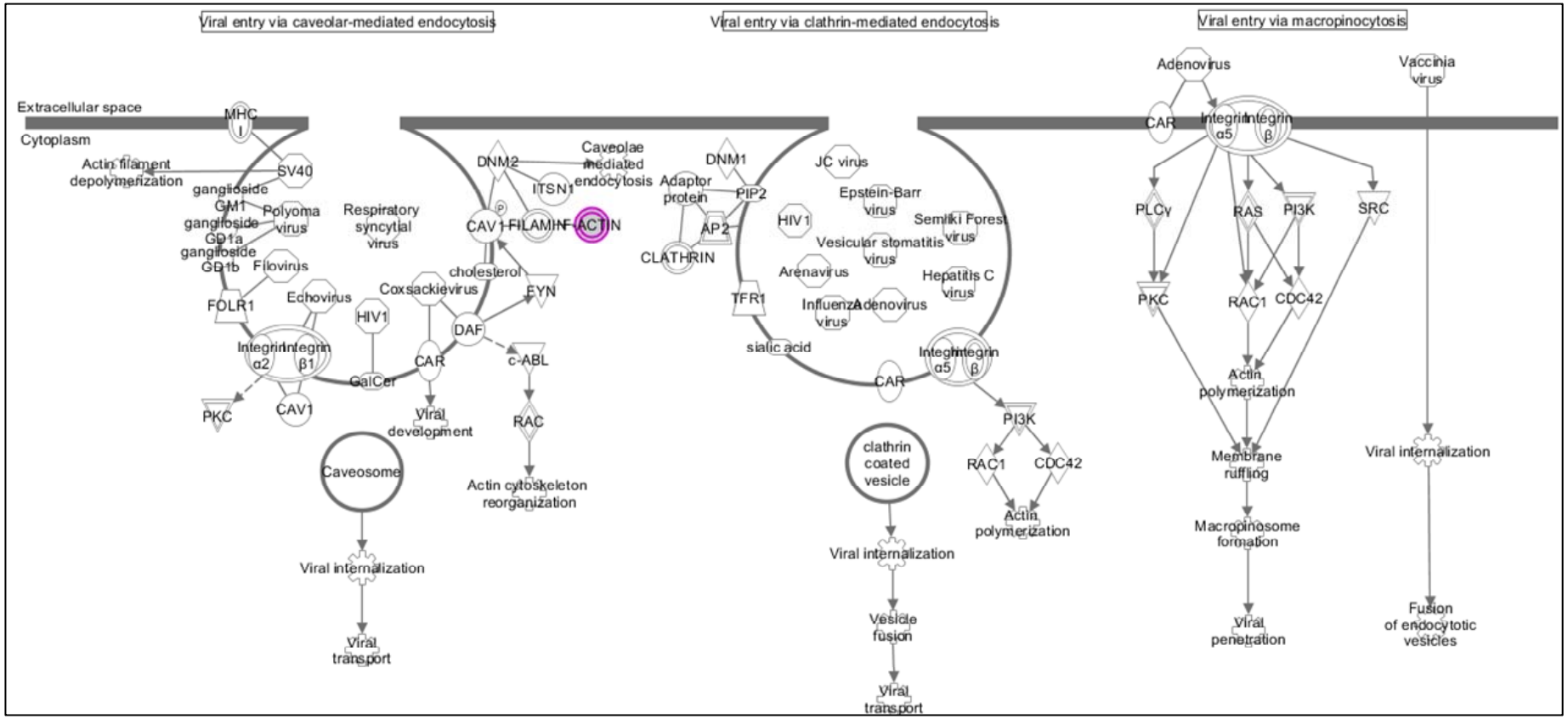
12-Death receptor signaling



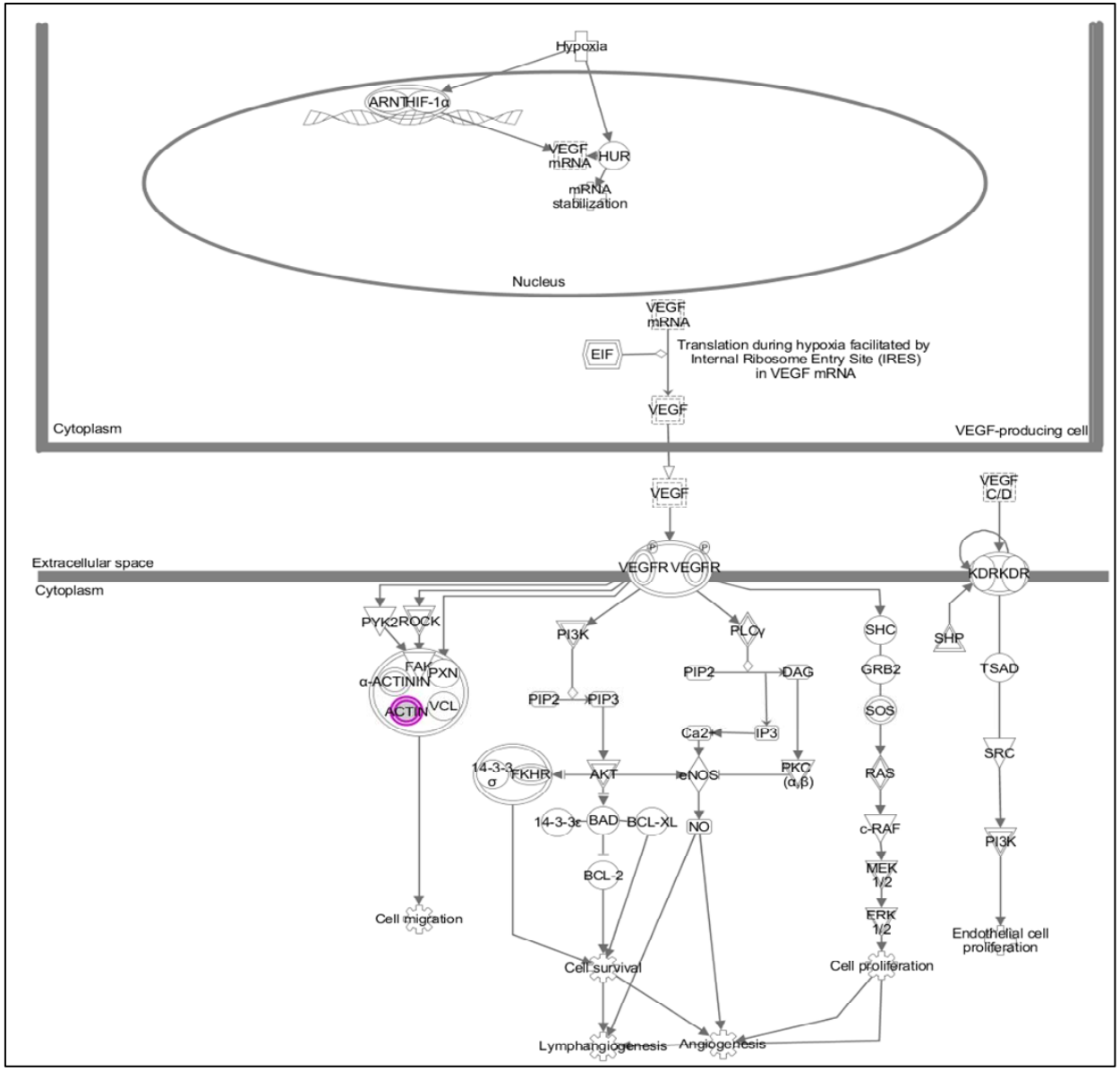
13-Regulation of actin-based motility by Rho



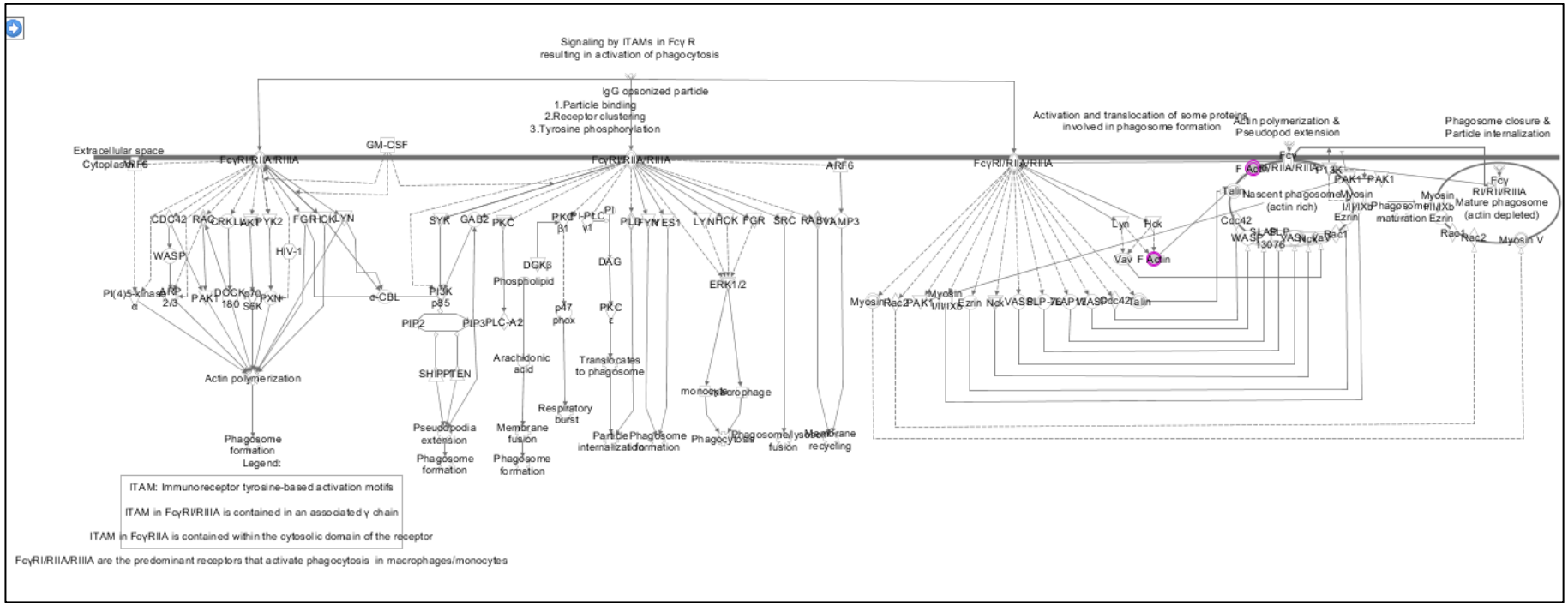
14-Virus entry via endocytic pathways



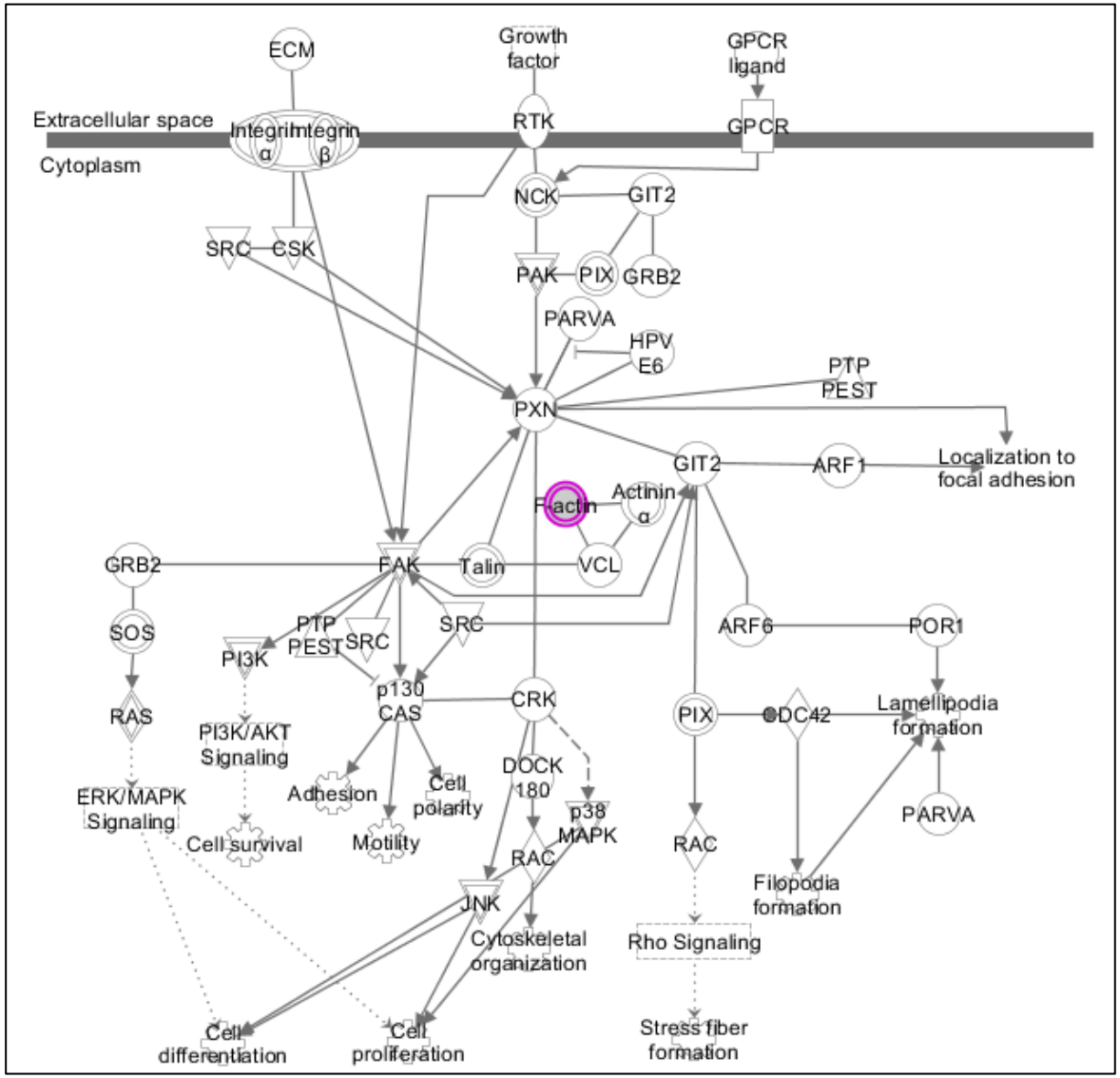
15-VEGF signaling



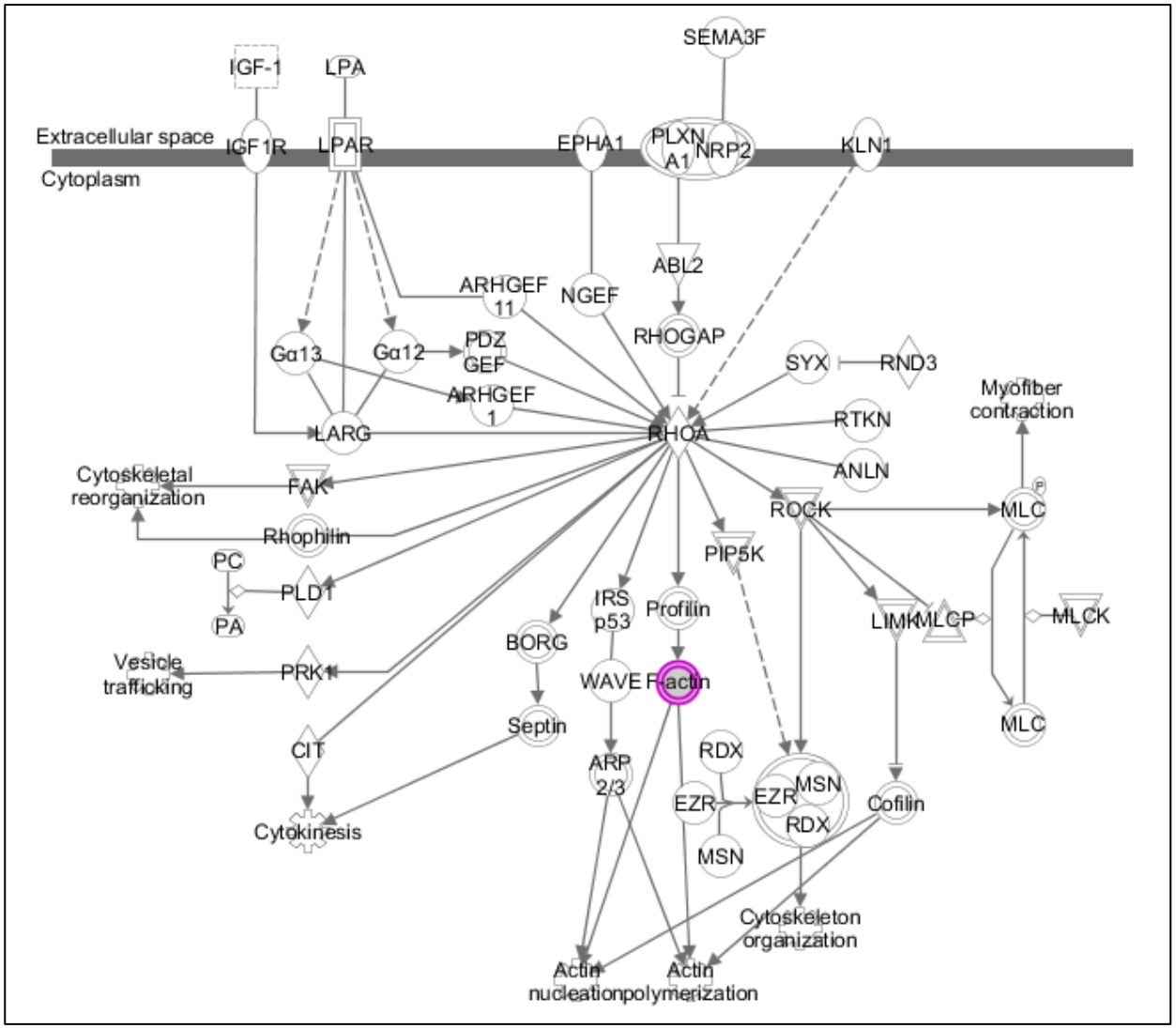
16-Fcy receptor-mediated phagocytosis in macrophages and monocytes



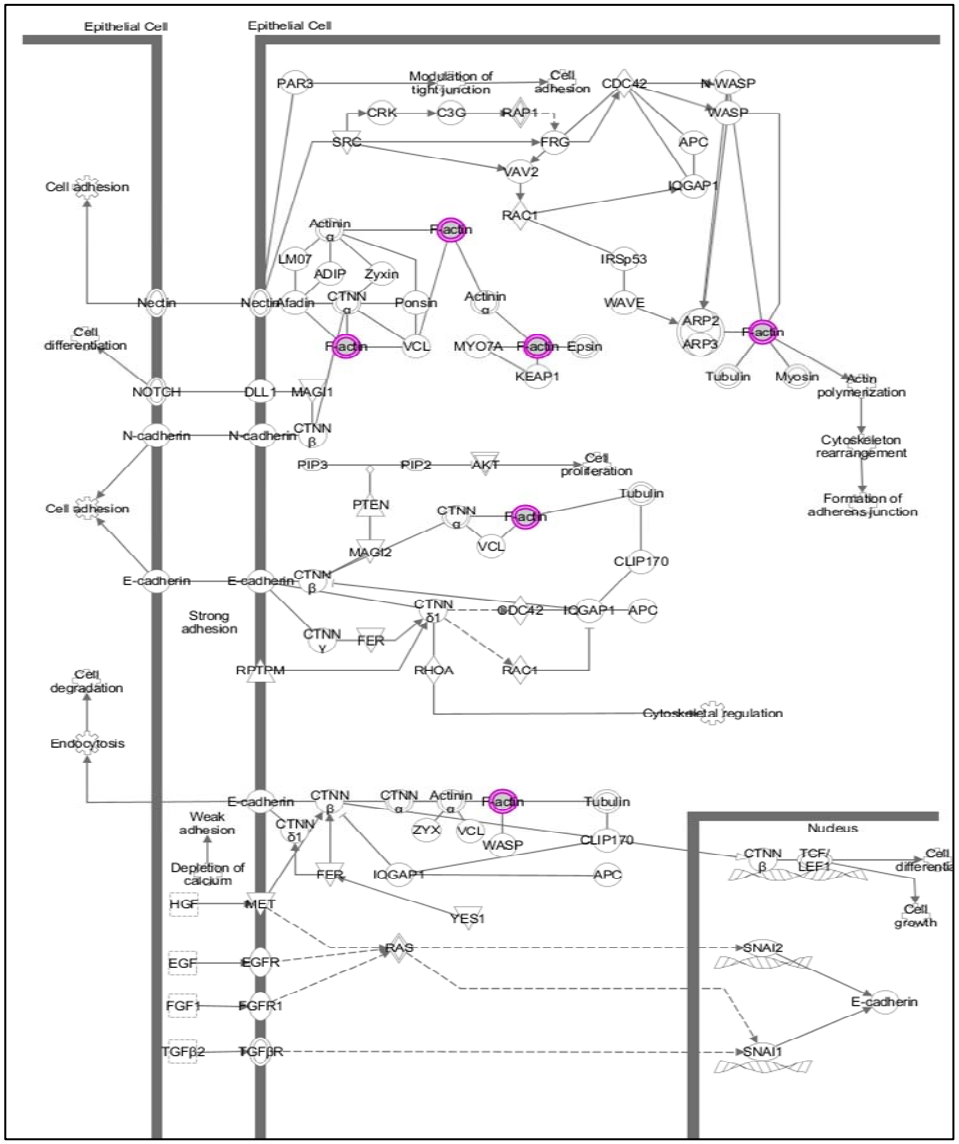
17-Paxillin signaling



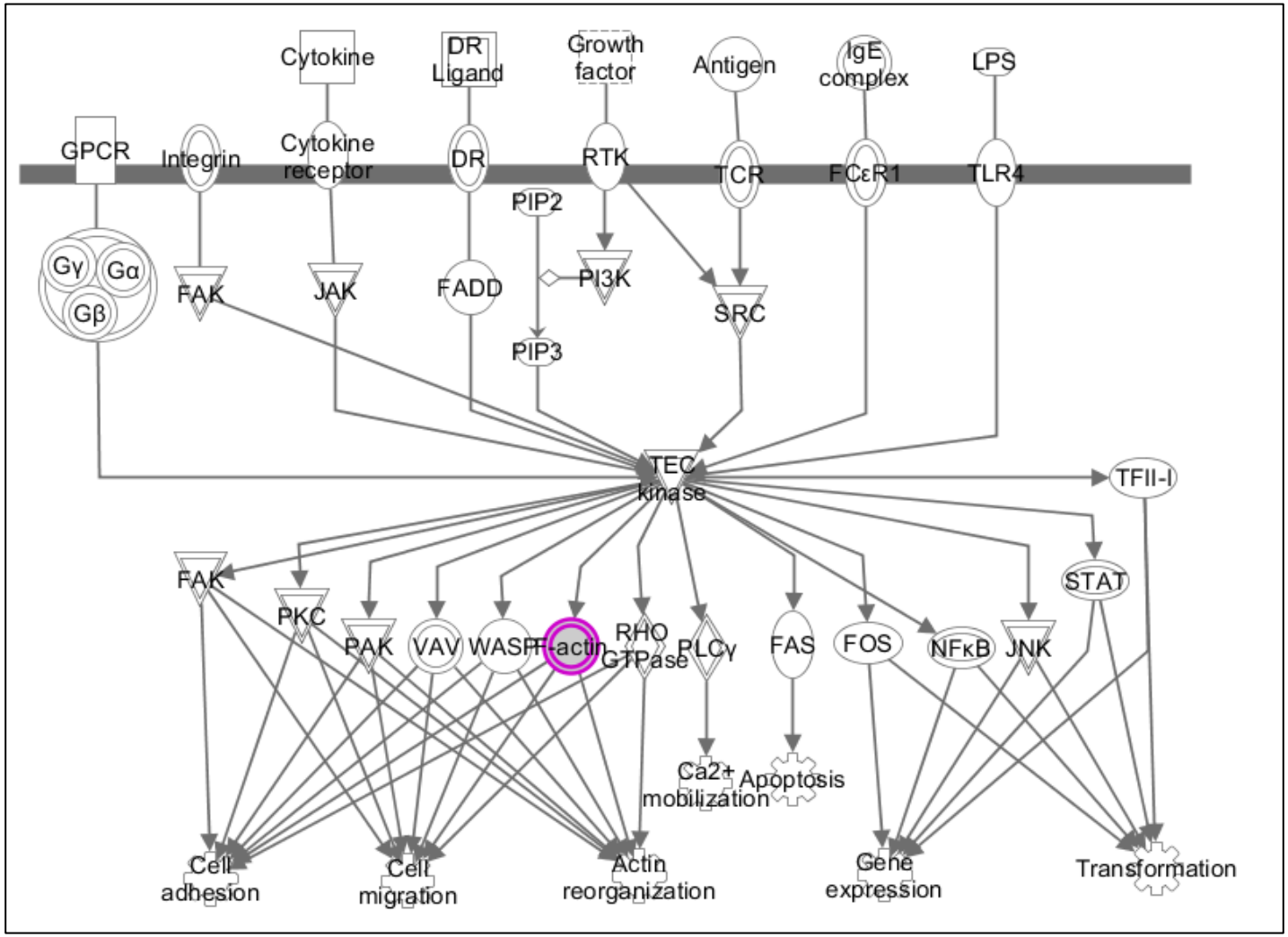
18-RhoA signaling



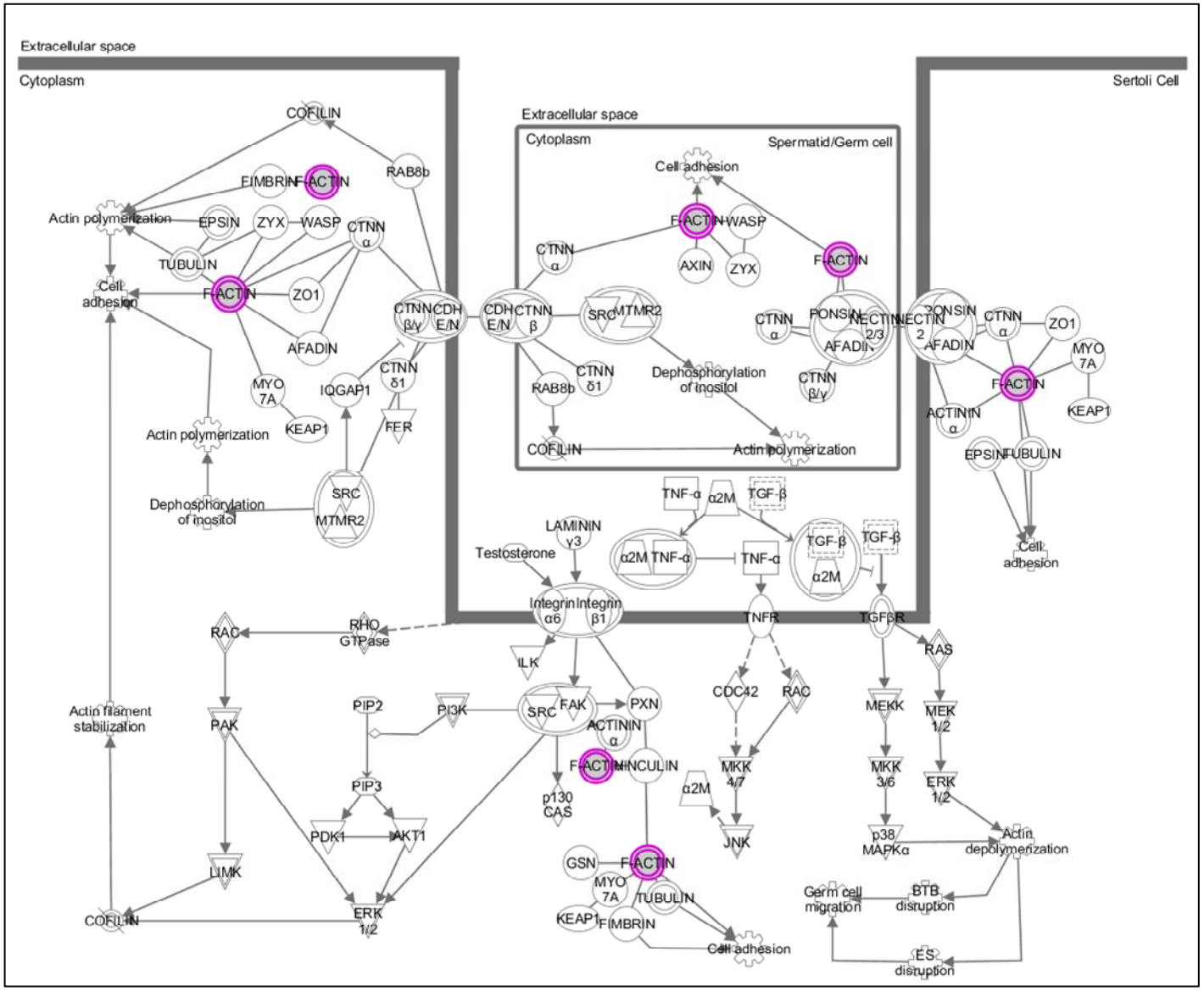
19-Epthelial adherens junction signaling



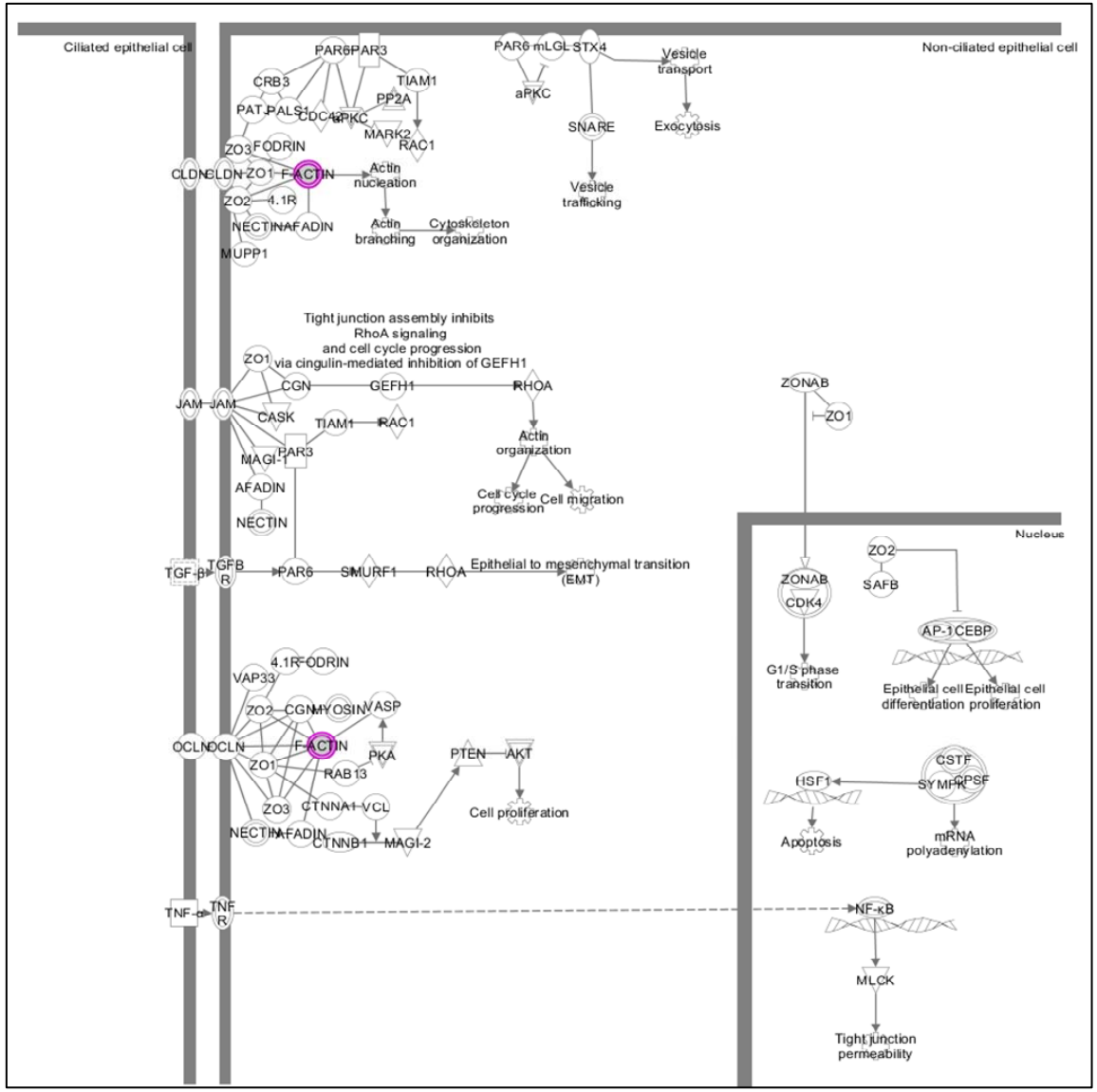
20-Tec kinase signaling



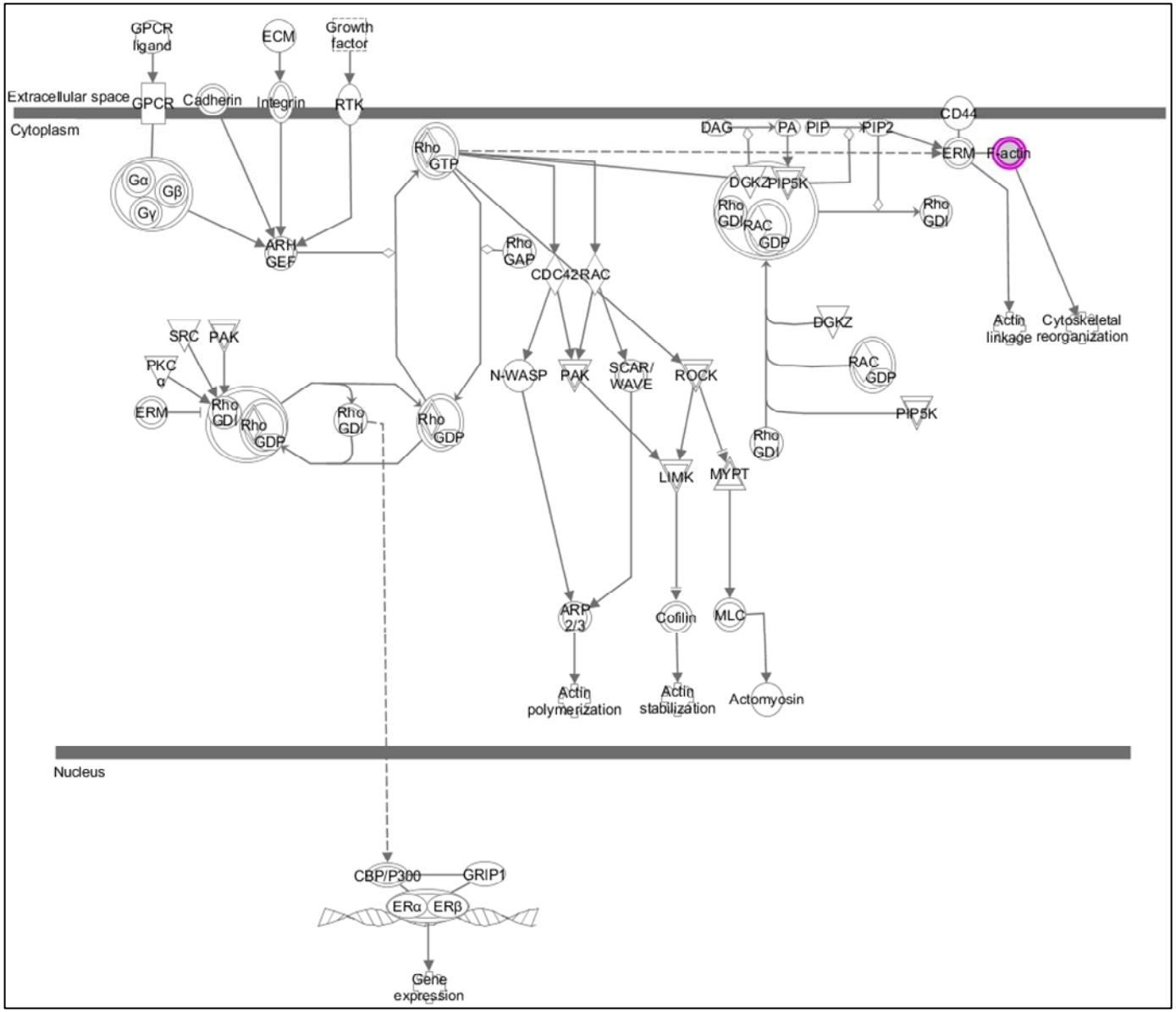
21-Germ cell-sertoli cell junction signaling



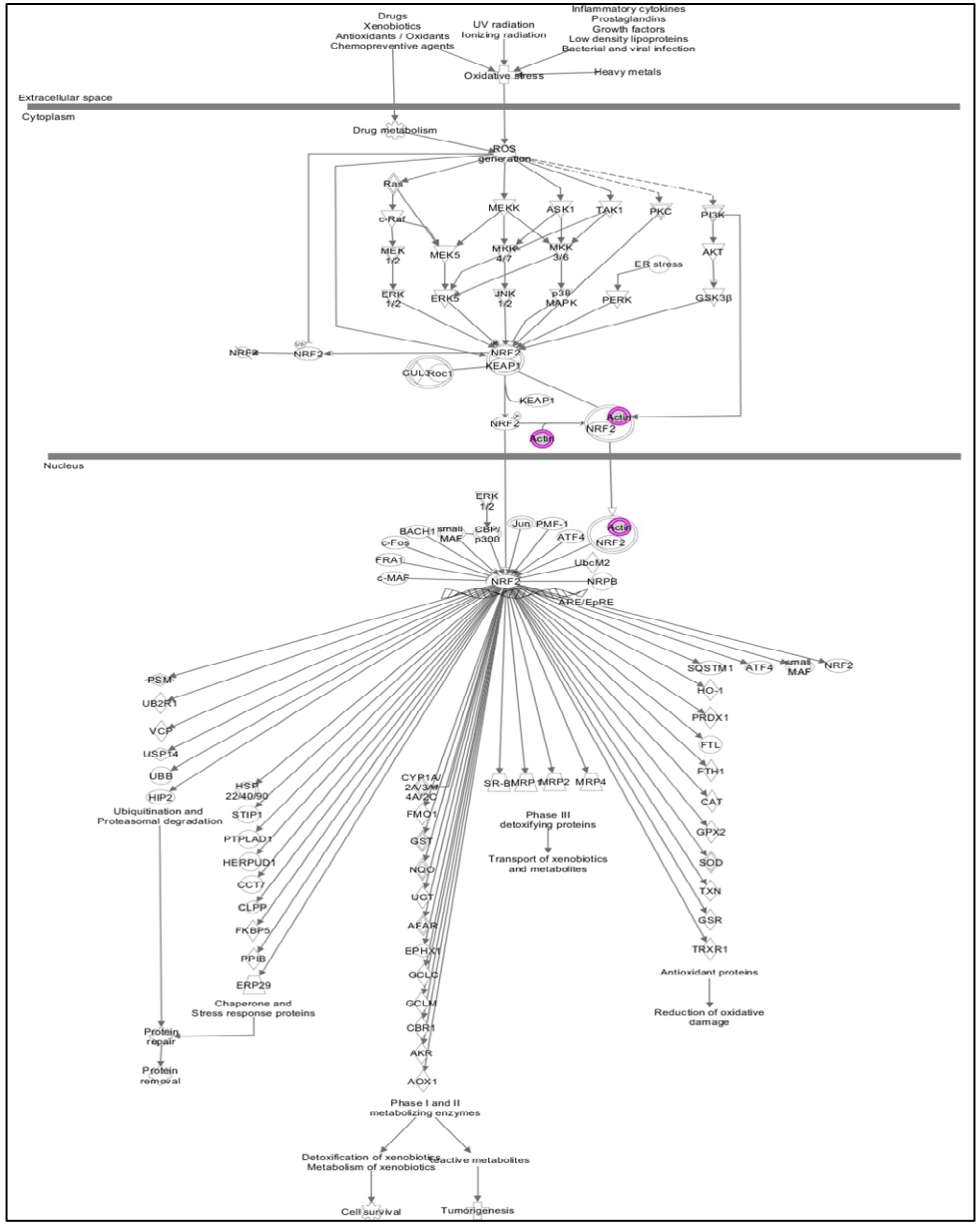
22-Tight junction signaling



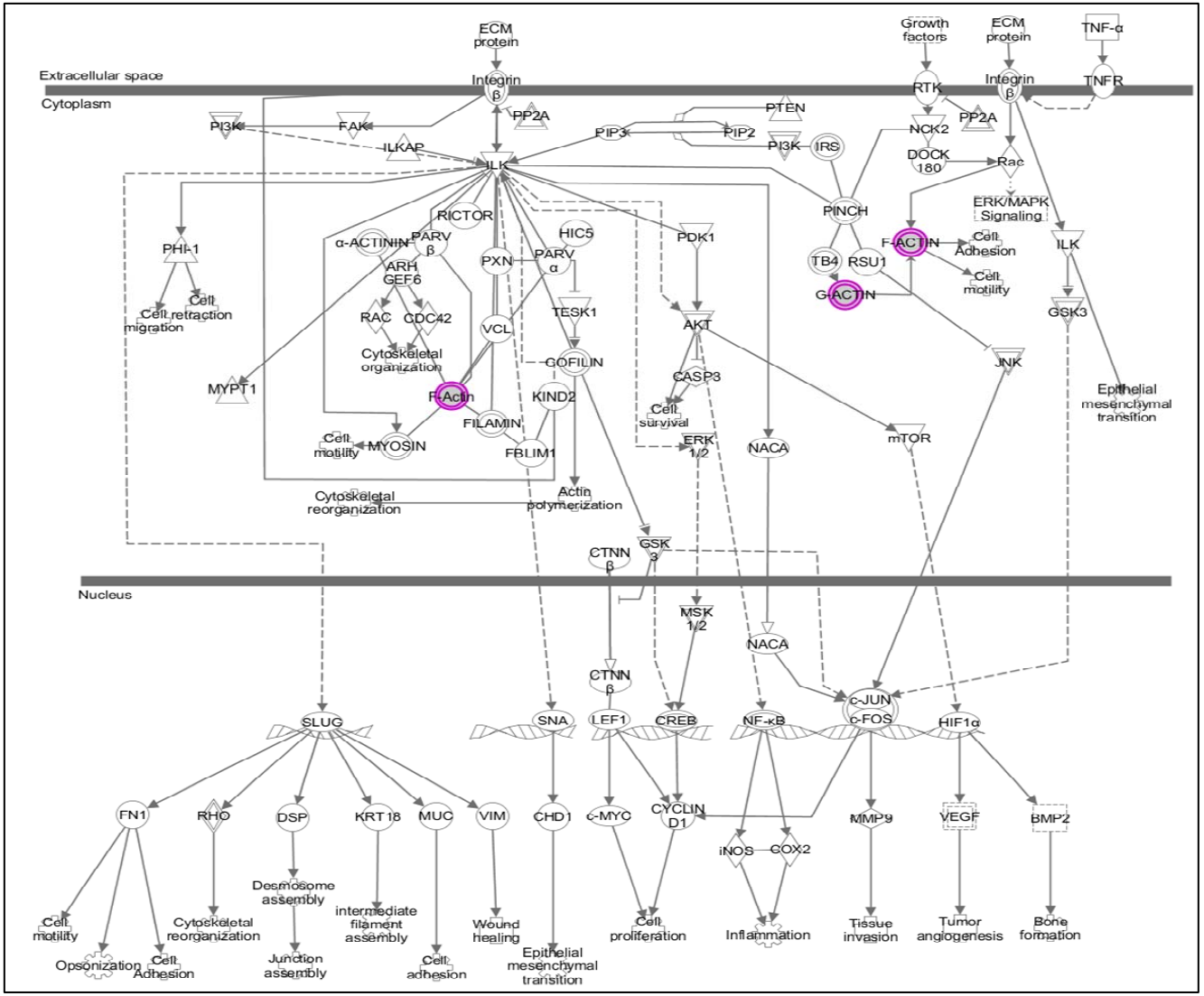
23-RhoGDI signaling



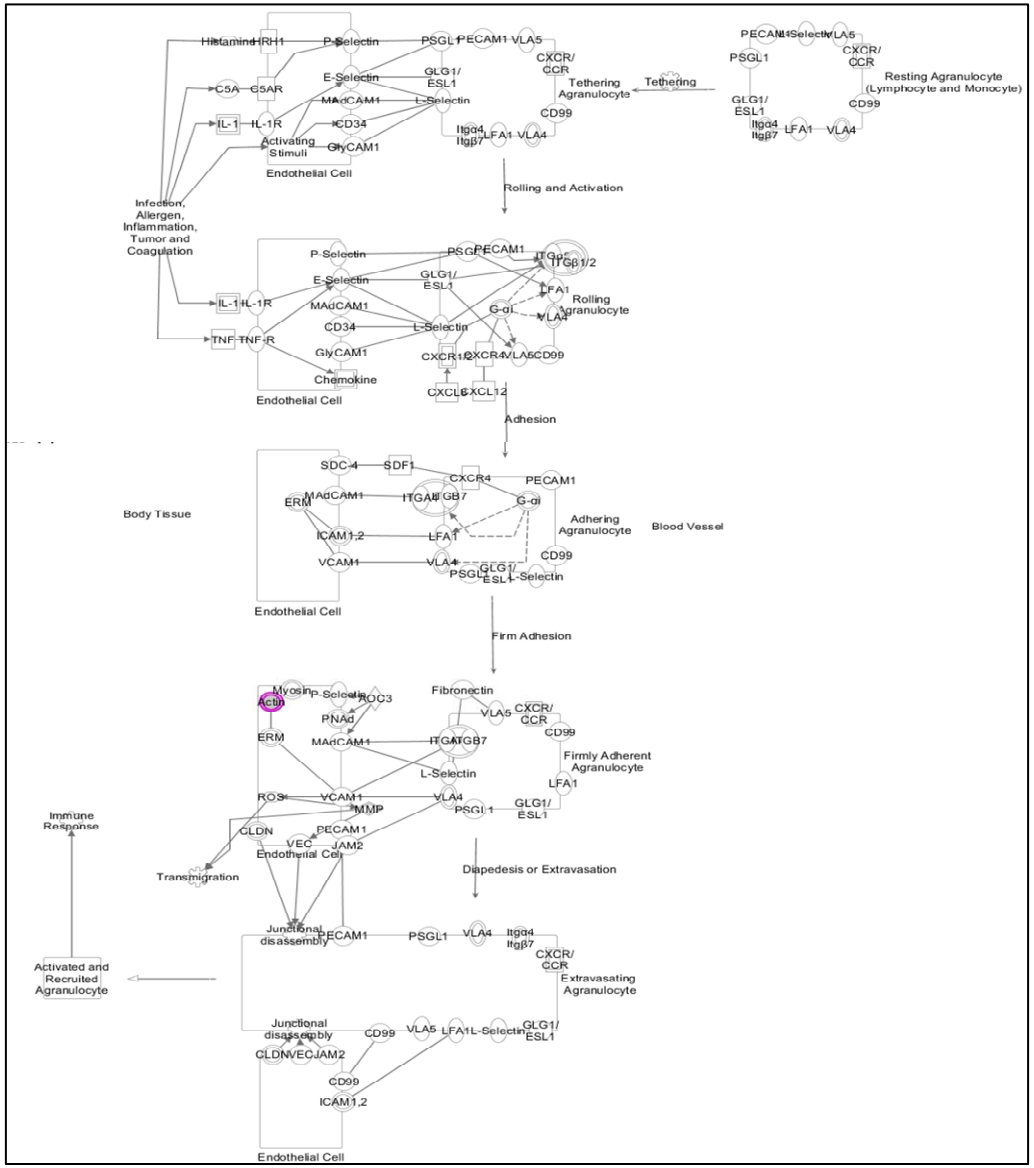
24-NRF2-mediated oxidative stress response



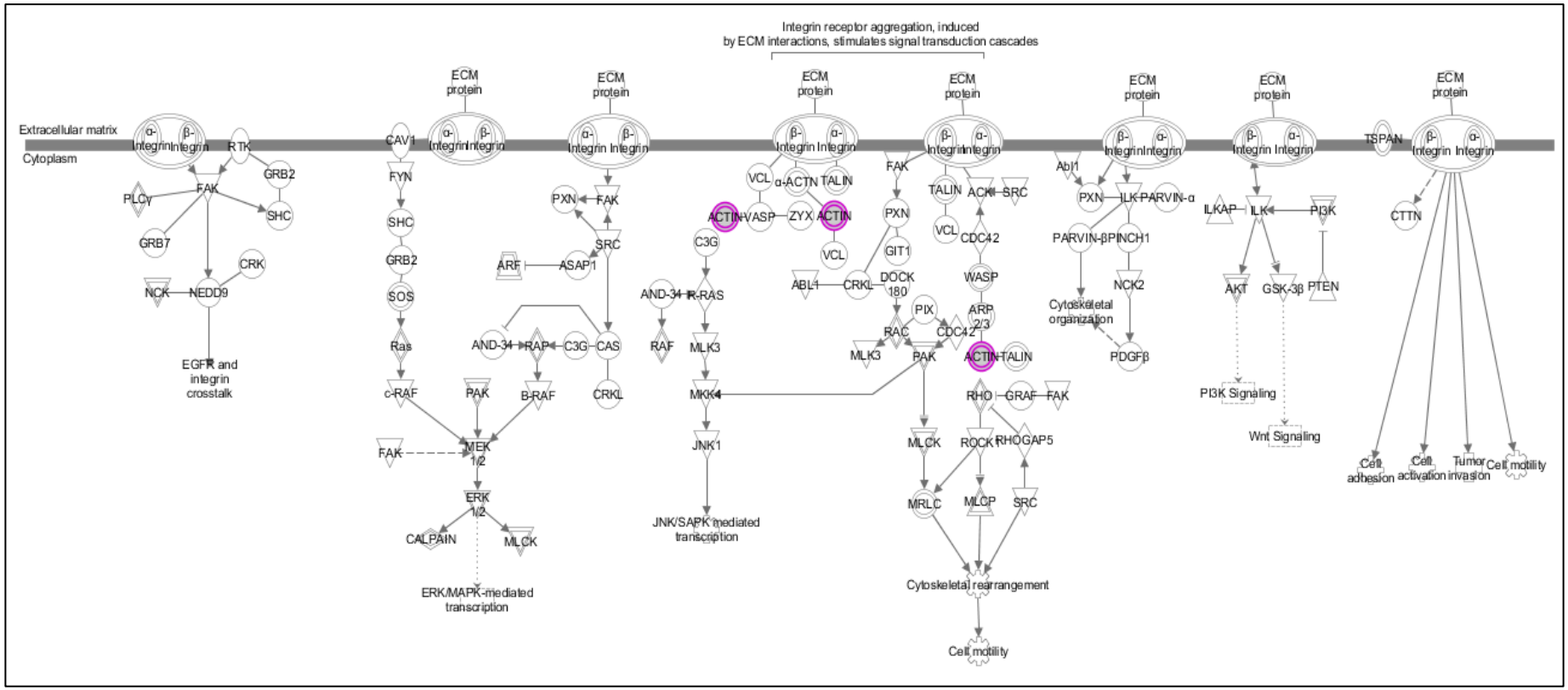
25-ILK signaling



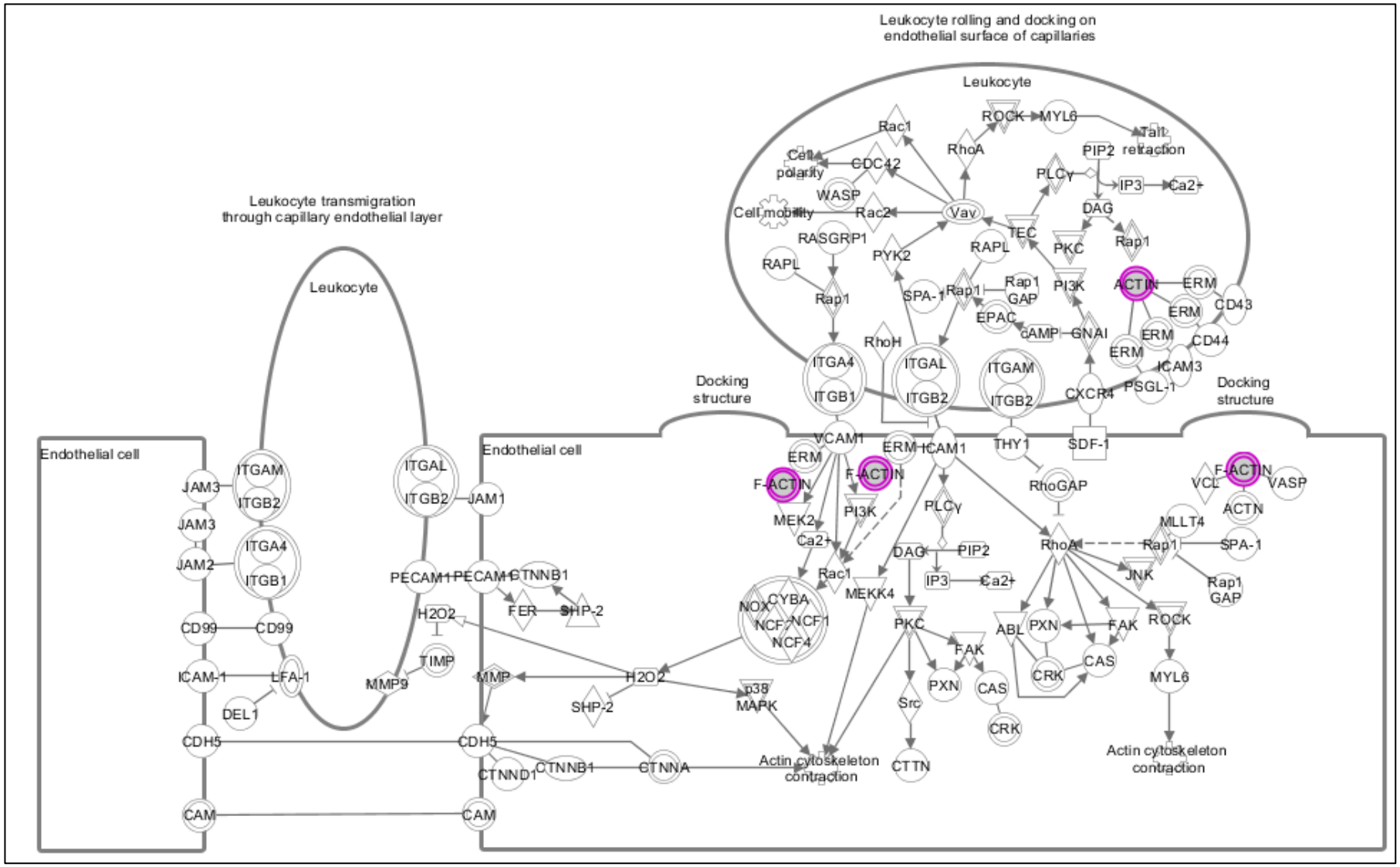
26-Agranulocyte adhesion and diapedesis



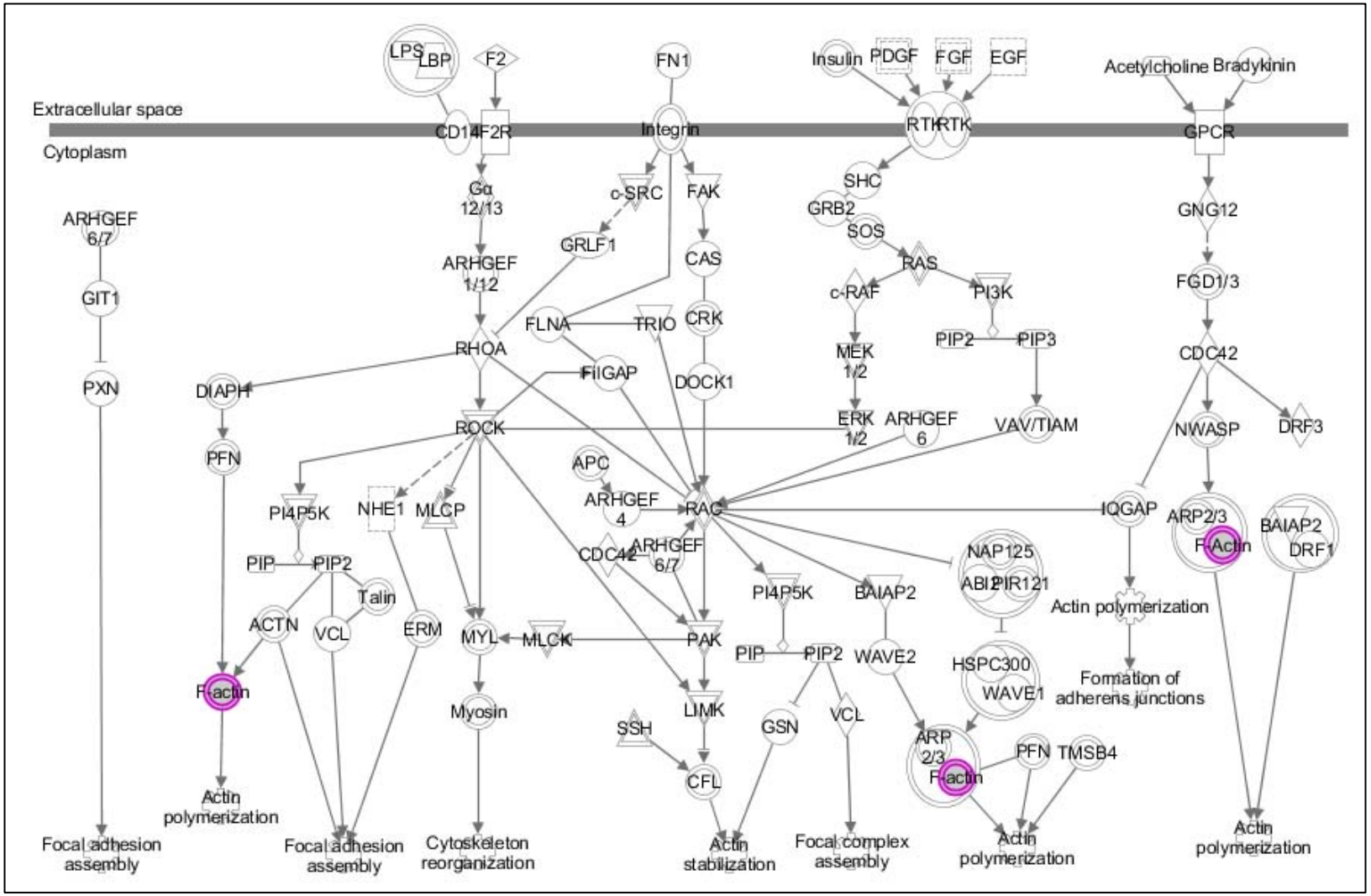
27-Integrin signaling



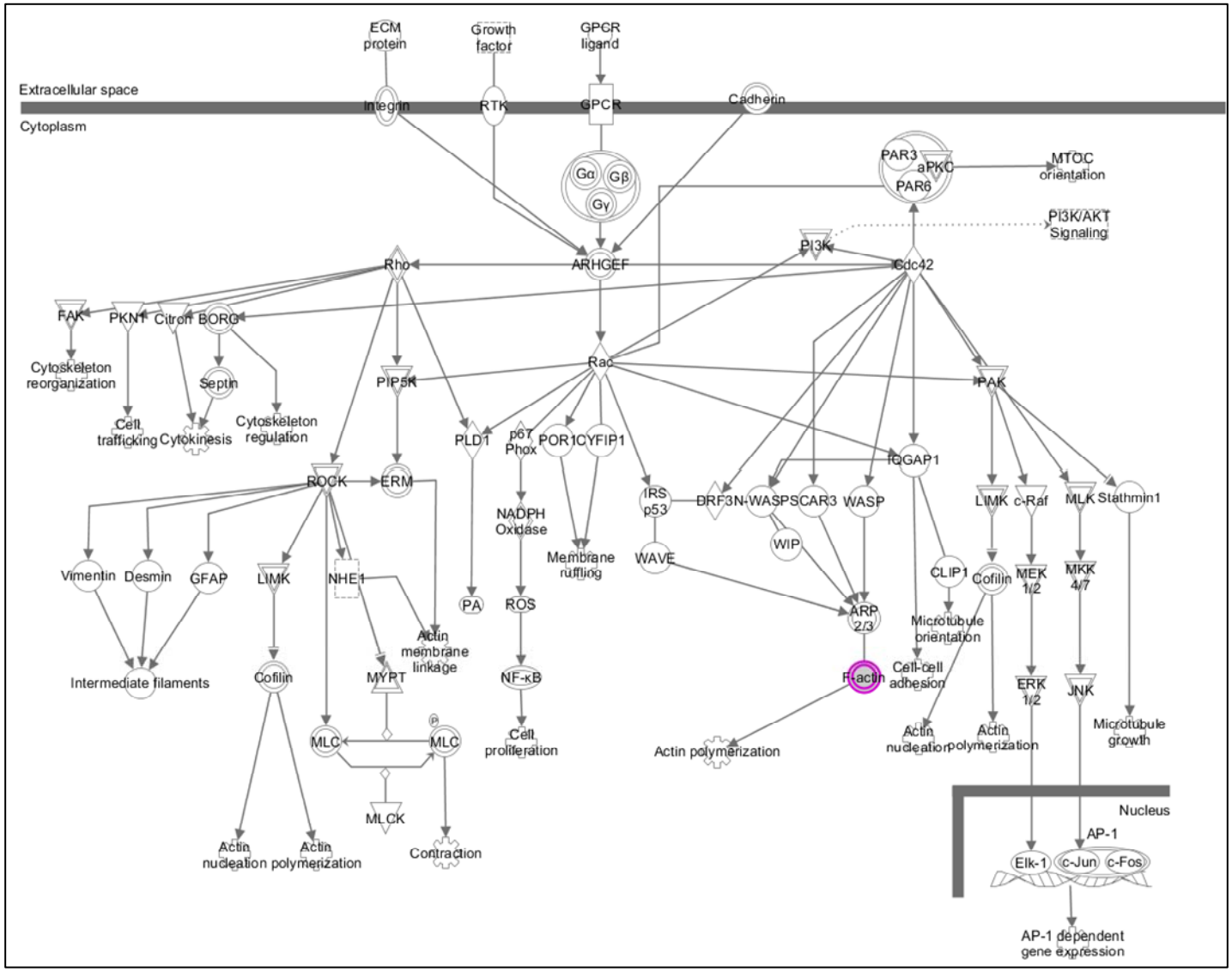
28-Leukocyte extravasation signaling



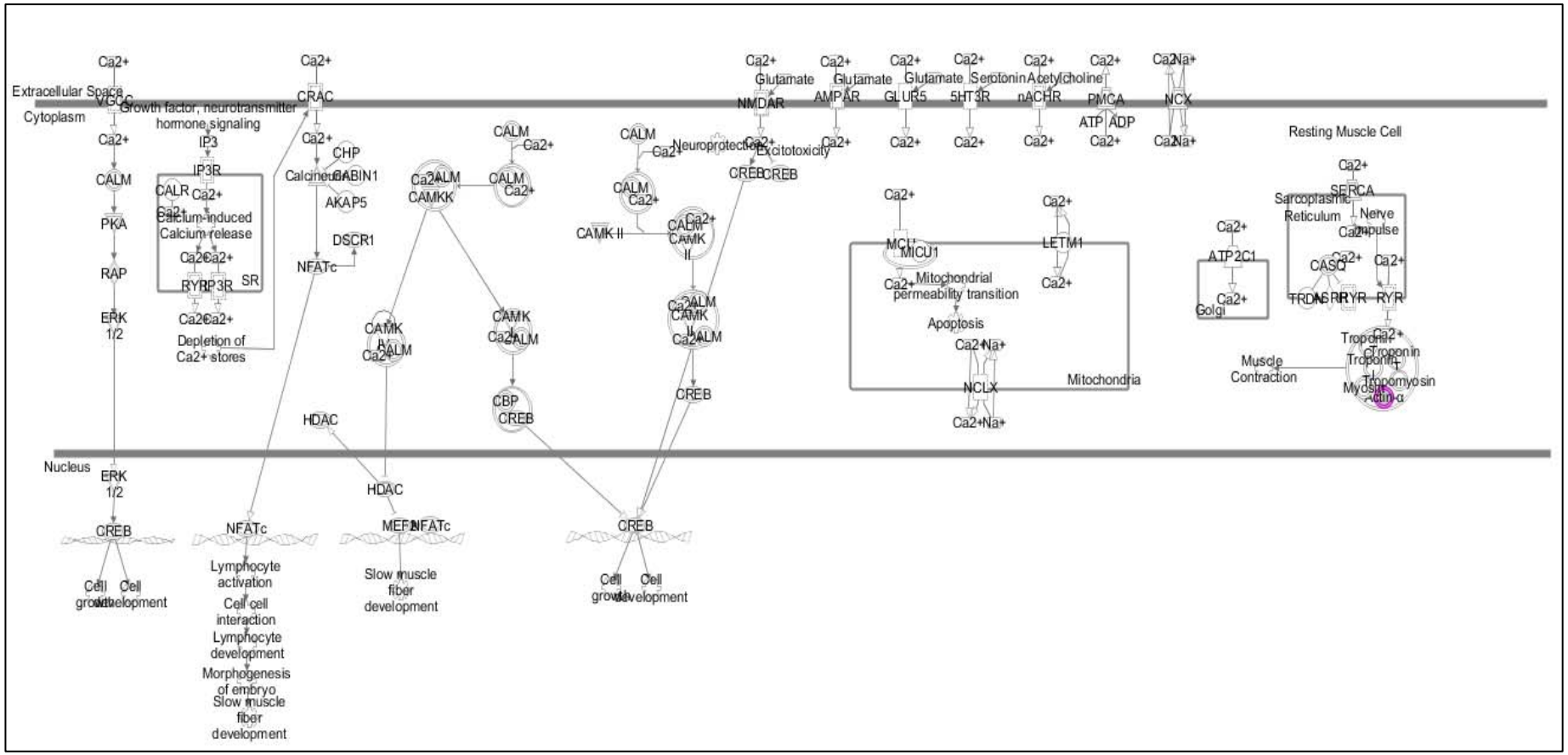
29-Actin cytoskeleton signaling



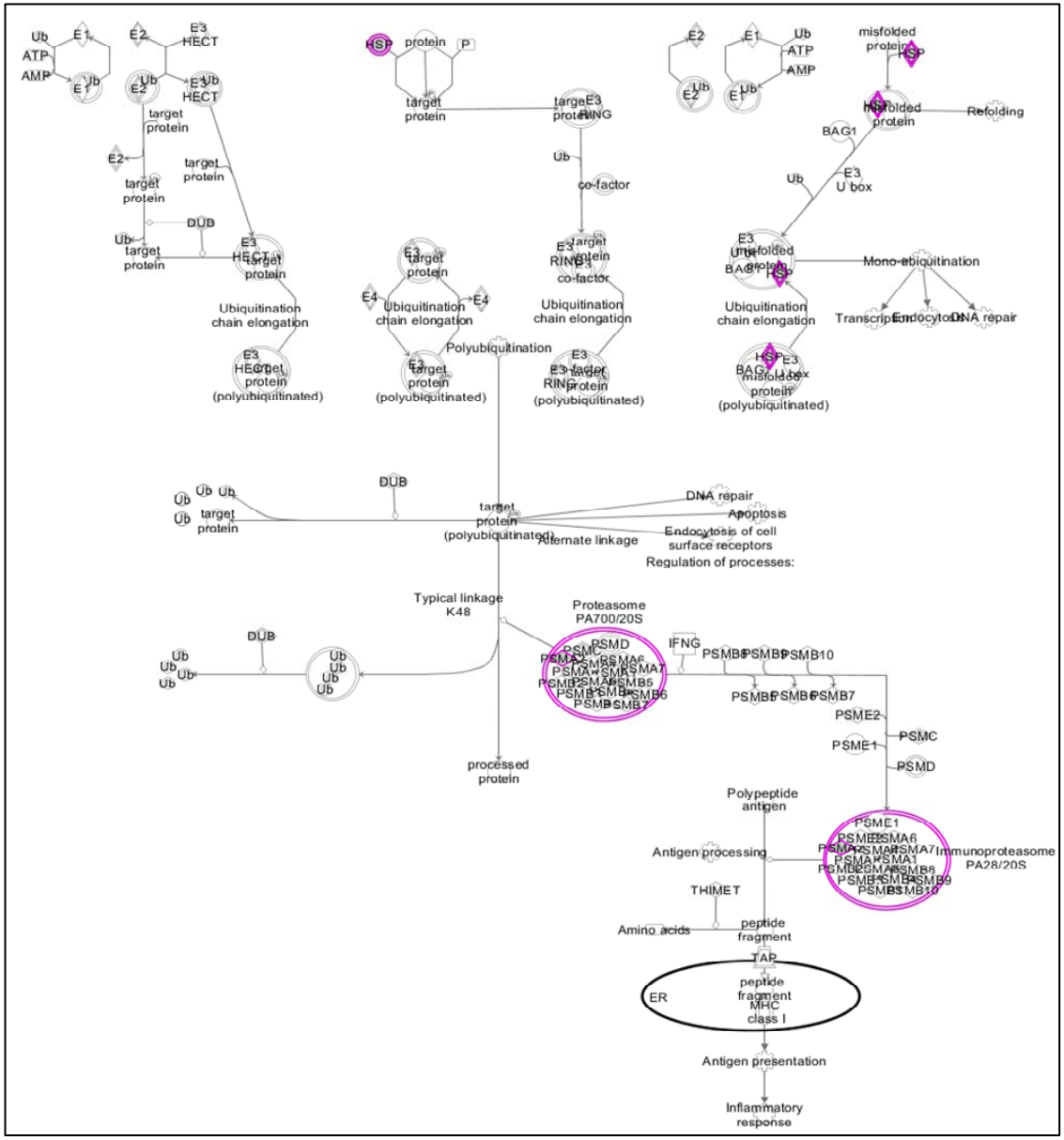
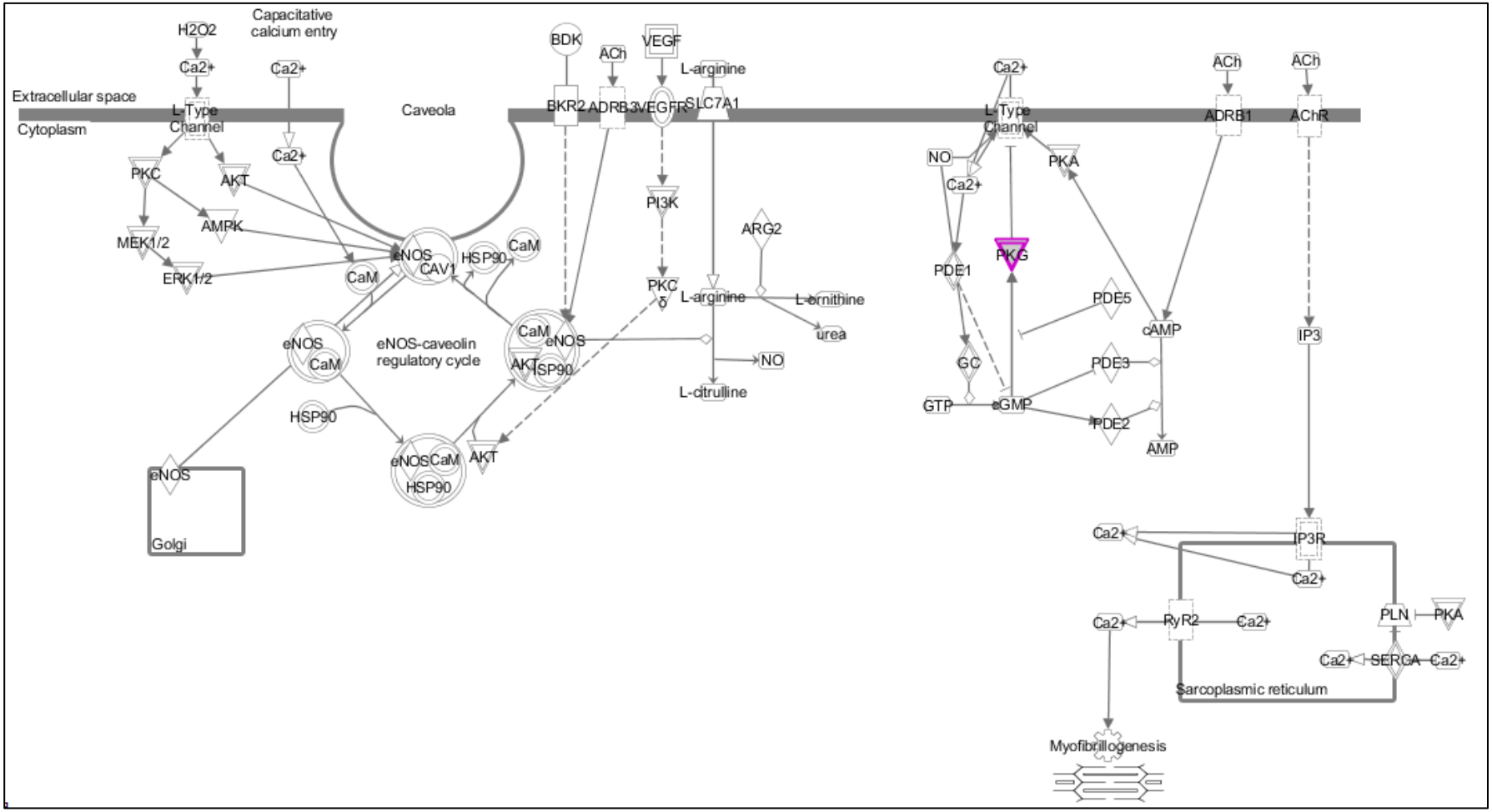
30-Signaling by Rho family GTPases



31-Calcium signaling



32-protein ubiquitination pathway



33-Nitric oxide signaling in the cardiovascular system