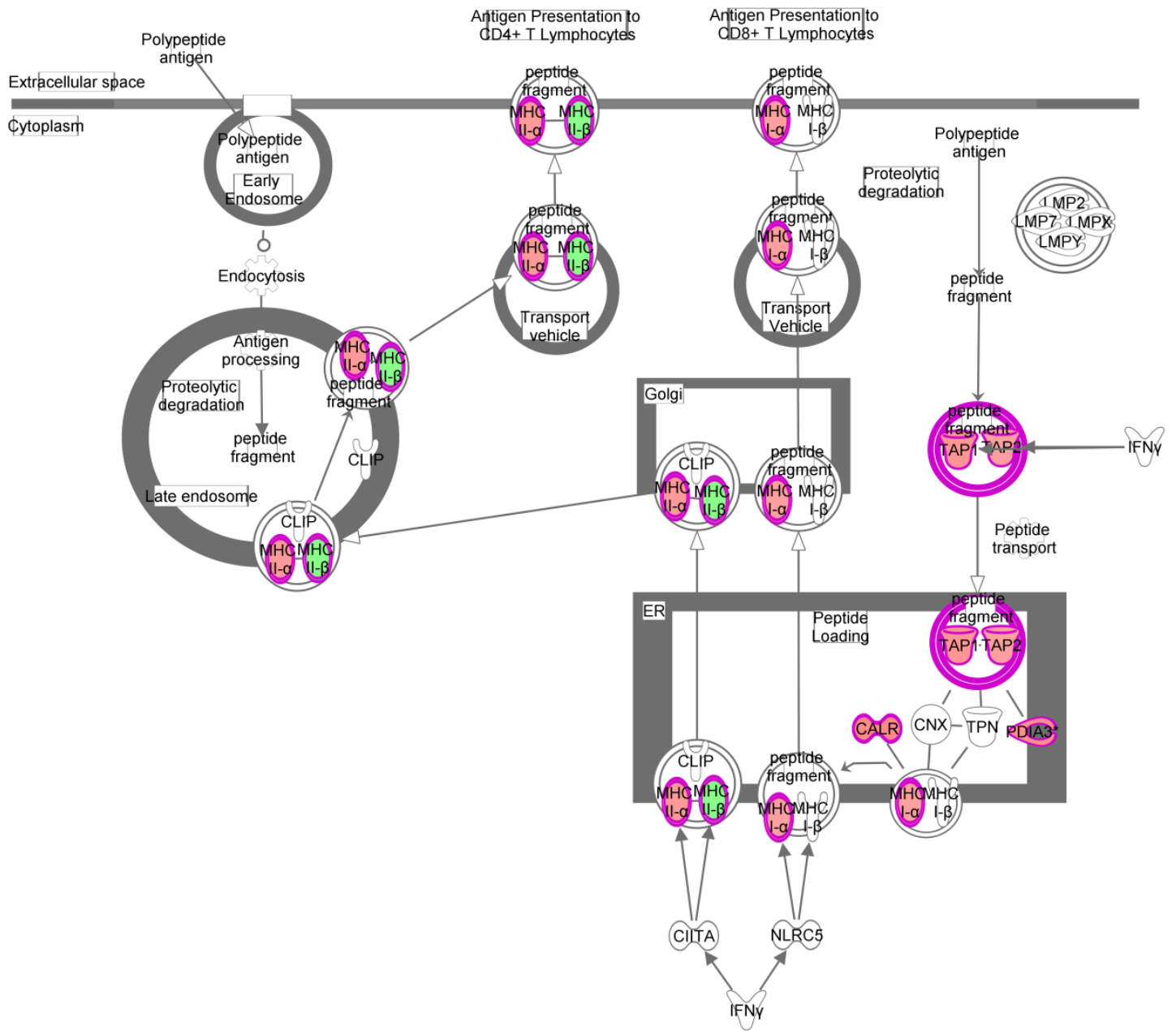


Supplementary Figure 1

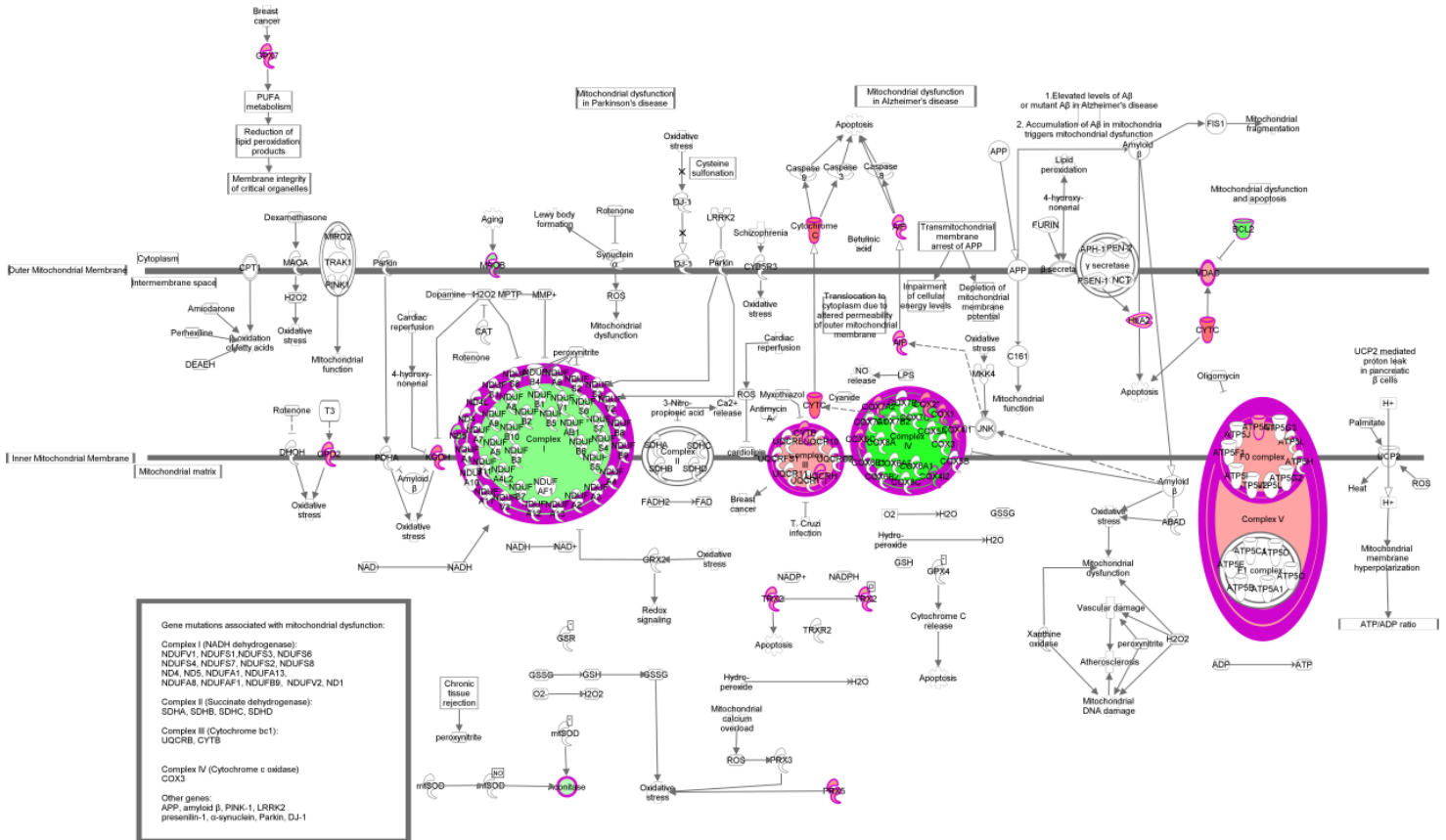
Cancer-related canonical pathways ($p < 0.05$, and $|z| \geq 2$) were identified from ovarian cancer mitochondrial differentially expressed proteins (mtDEPs).

1. Antigen presentation pathway
2. Mitochondrial dysfunction
3. GP6 signaling pathway
4. EIF2 signaling
5. Glutathione-mediated detoxification
6. α -Adrenergic signaling
7. Creb signaling
8. CXCR4 signaling in neurons
9. Regulation of EIF4 and p70S6K signaling
10. Endothelin signaling
11. Ephrin receptor signaling
12. Fatty acid beta-oxidation I
13. FLMP signaling in neutrophils
14. G beta gamma signaling
15. G α q signaling
16. GNRN signaling
17. IGF-1 signaling
18. IL2 signaling
19. IL-8 signaling
20. Integrin signaling
21. mTOR signaling
22. Ovarian cancer signaling
23. Oxidative phosphorylation
24. P2Y Purigenic receptor signaling pathway
25. Phospholipase c signaling
26. Signaling by Rho family GTPases
27. Antiproliferative role of somatostatin signaling
28. Tec kinase signaling
29. Thrombin signaling

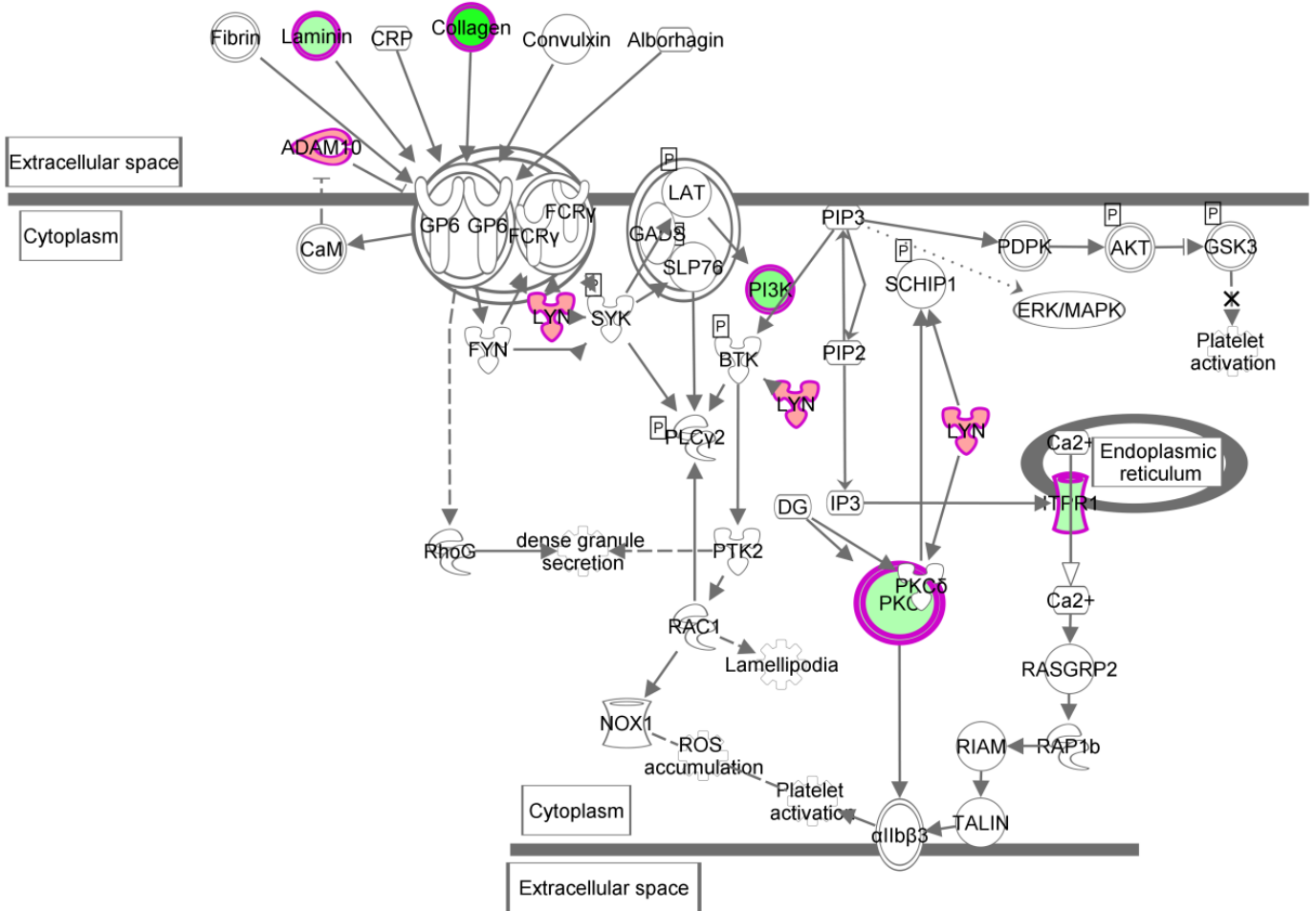
1. Antigen presentation pathway



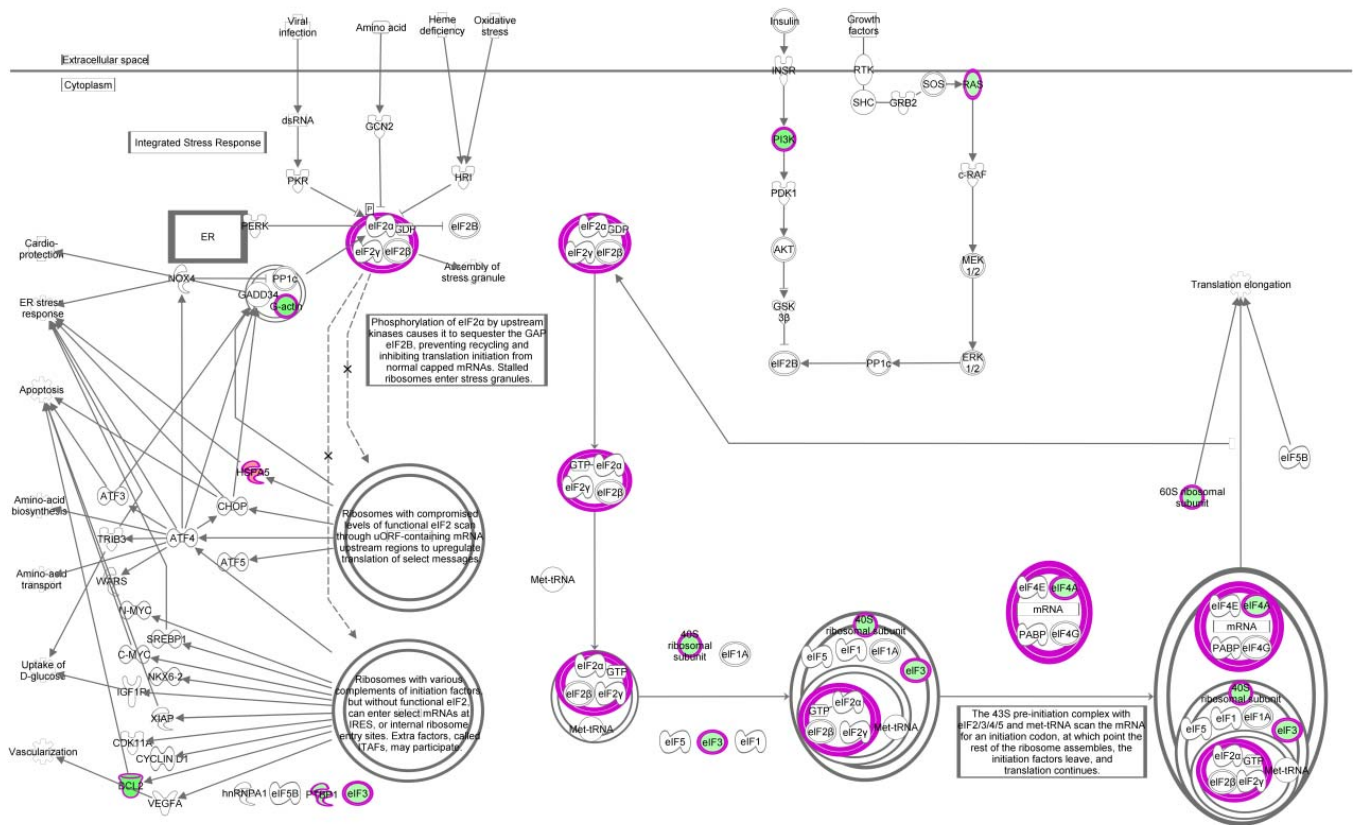
2. Mitochondrial dysfunction



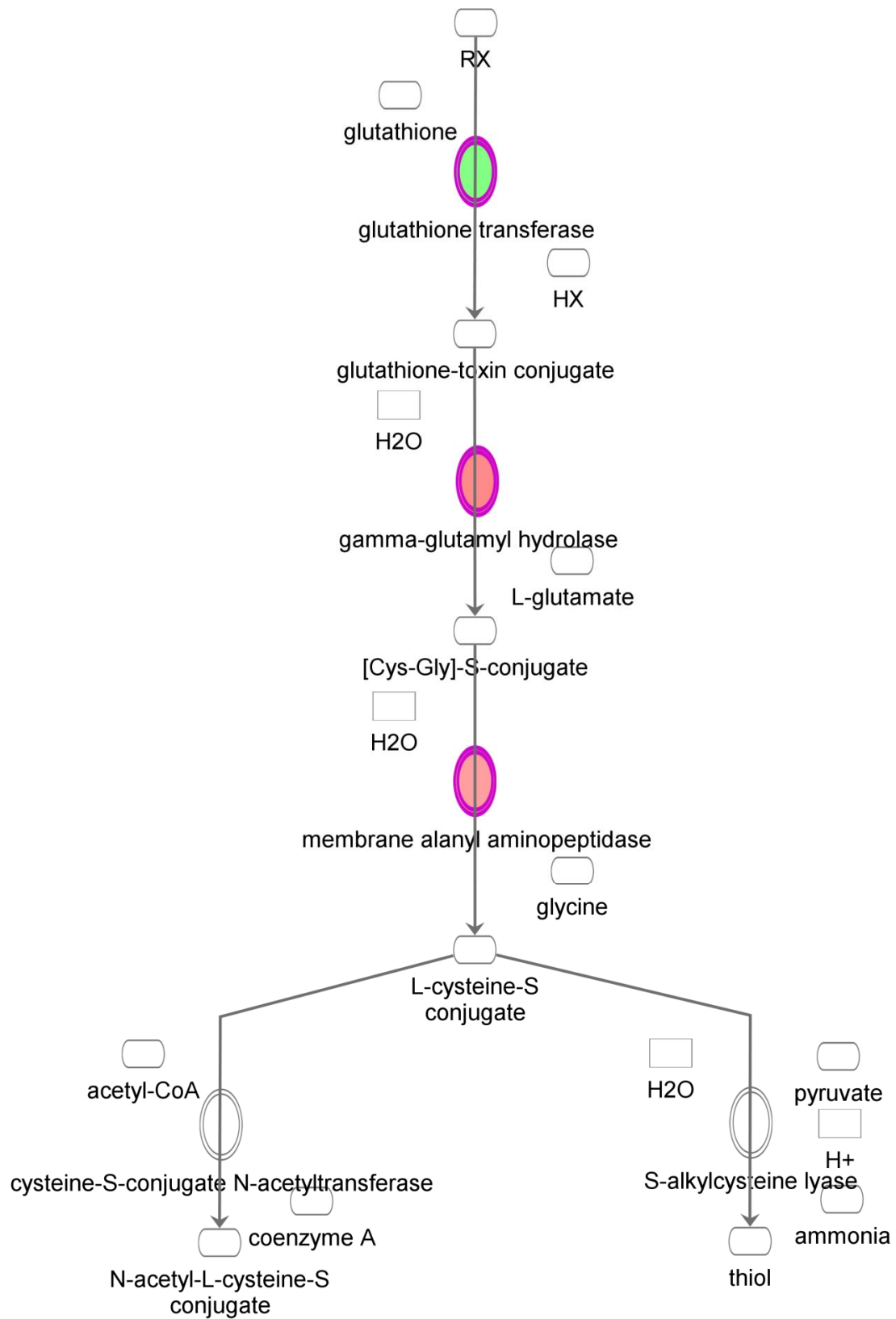
3. GP6 signaling pathway



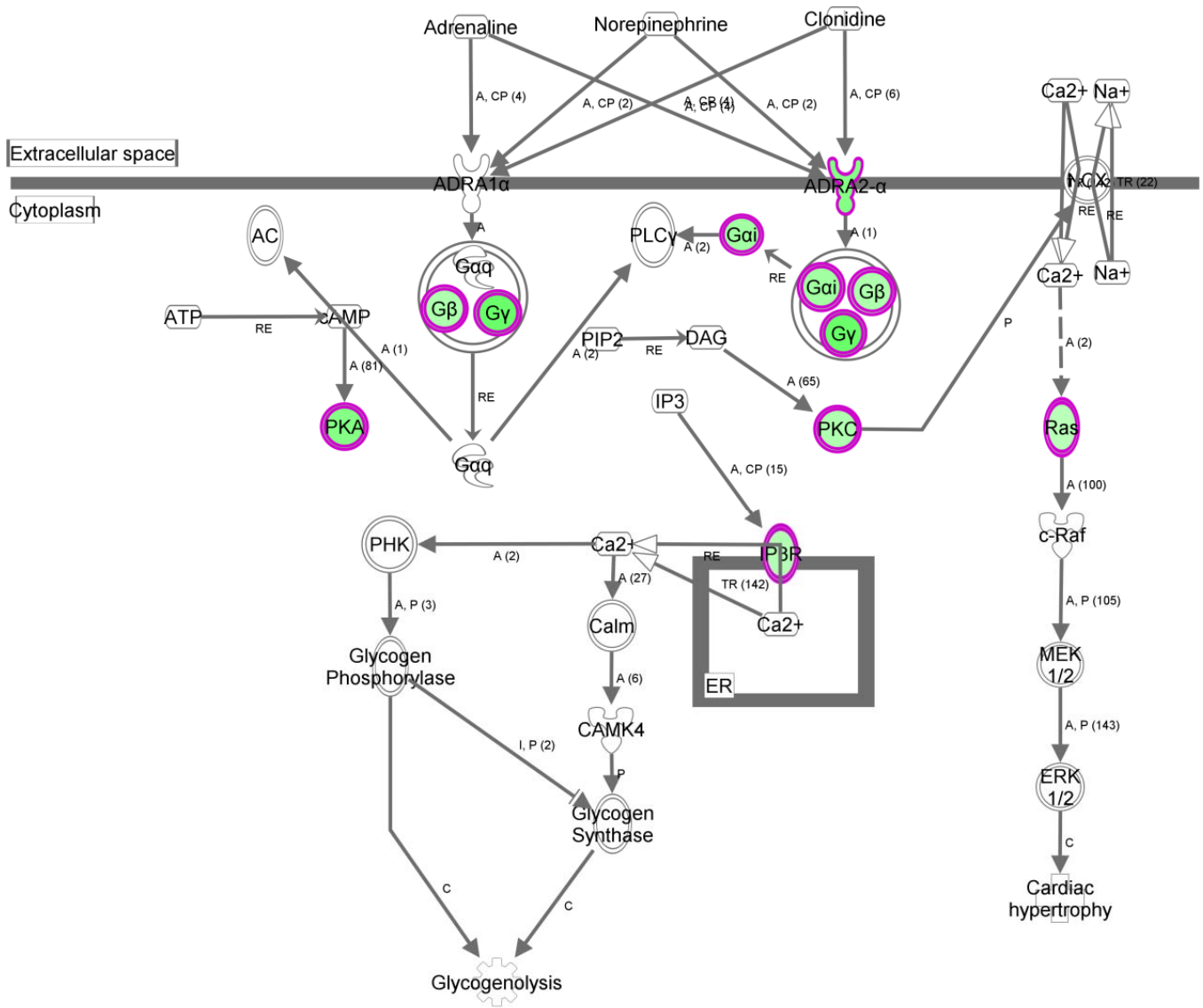
4. EIF2 signaling



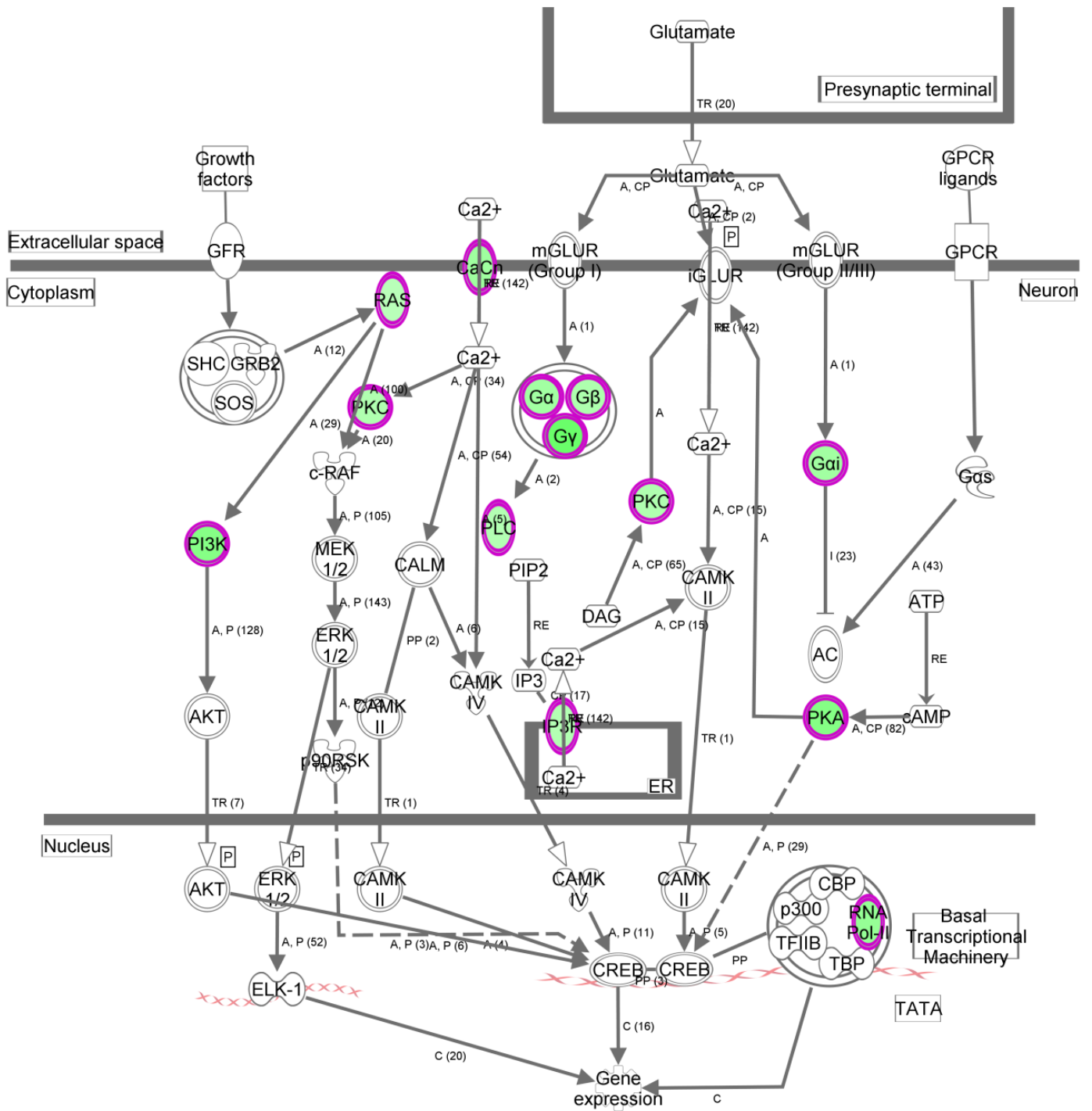
5. Glutathione-mediated detoxification



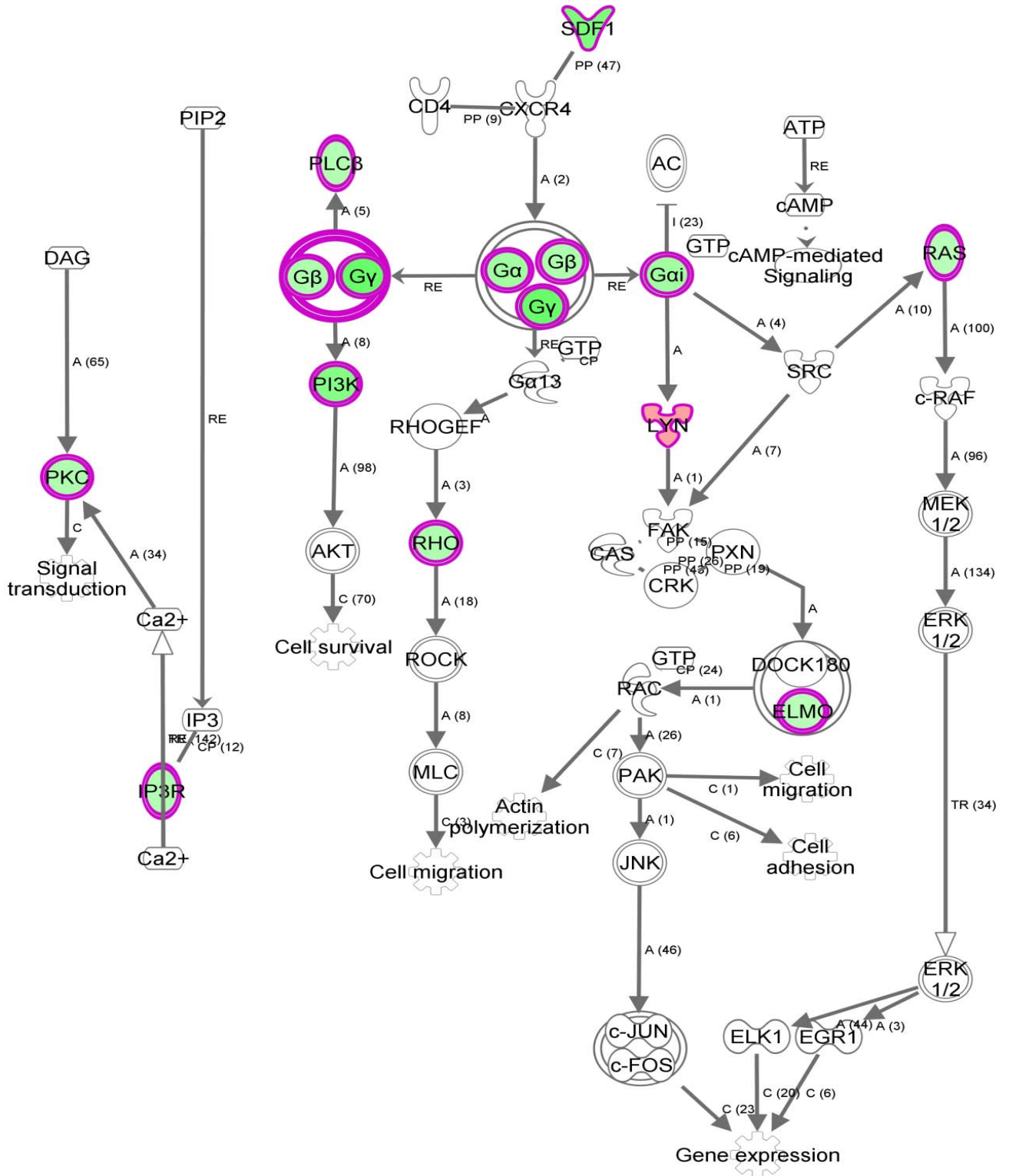
6. α -Adrenergic signaling



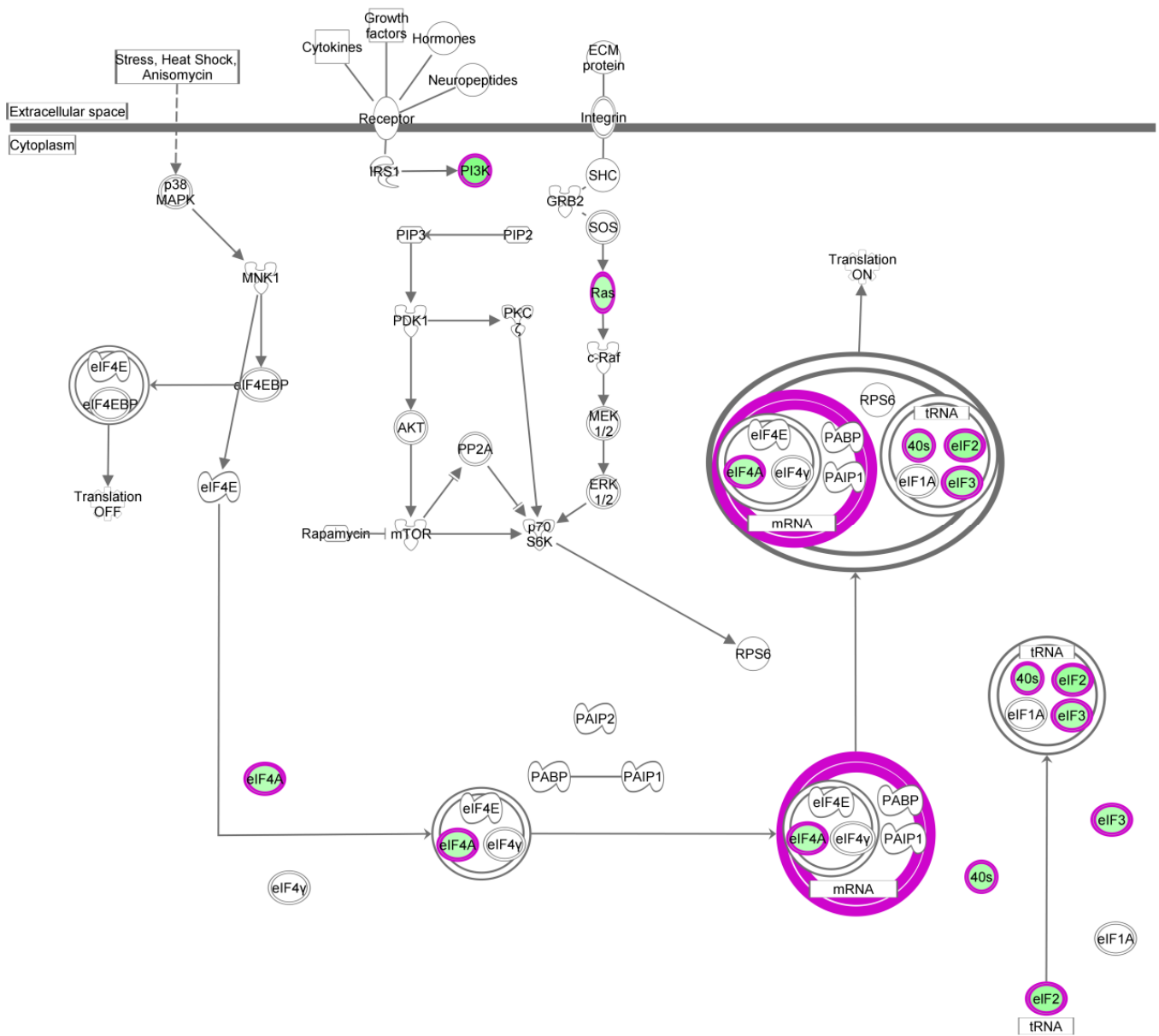
7. Creb signaling



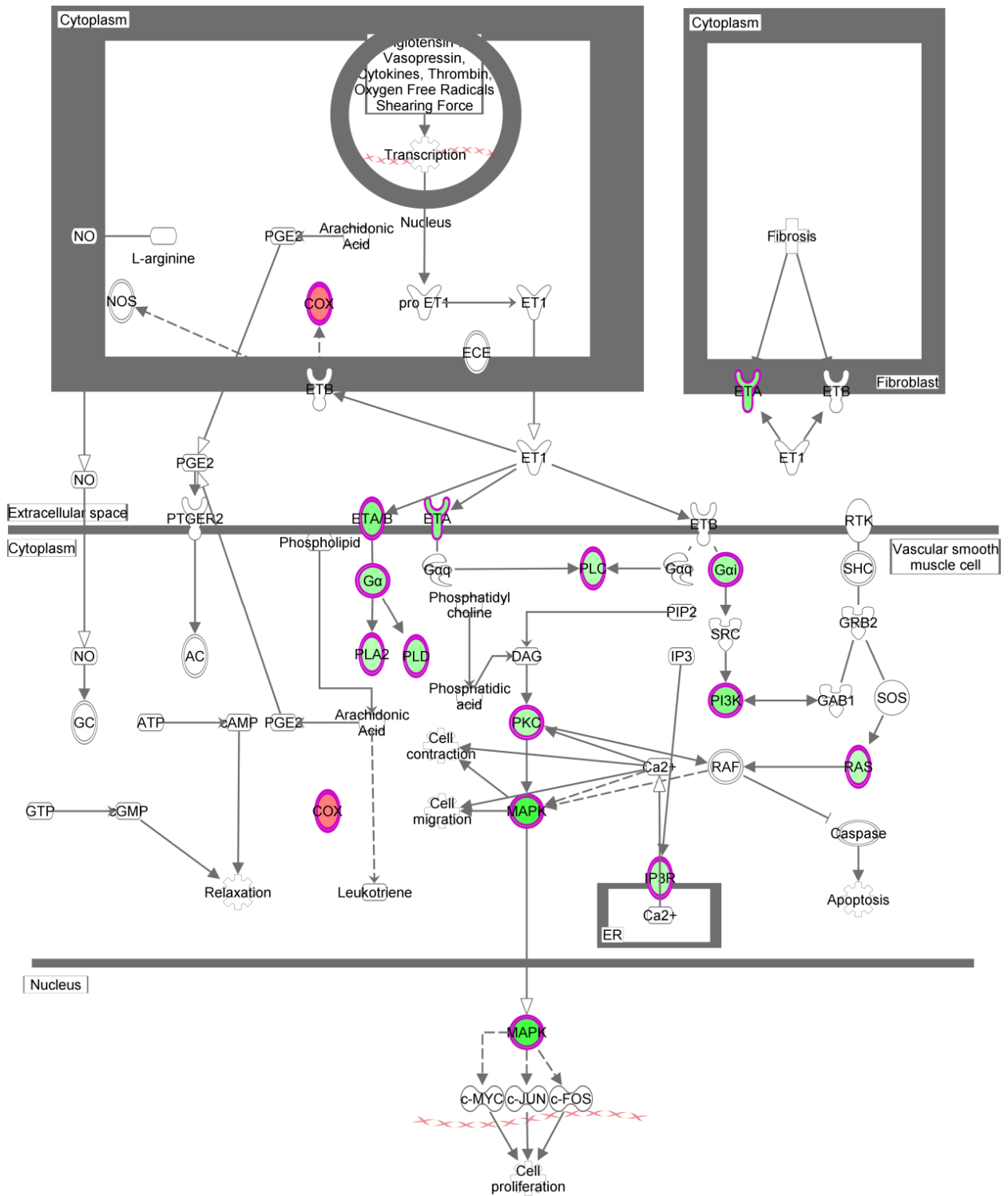
8. CXCR4 signaling in neurons



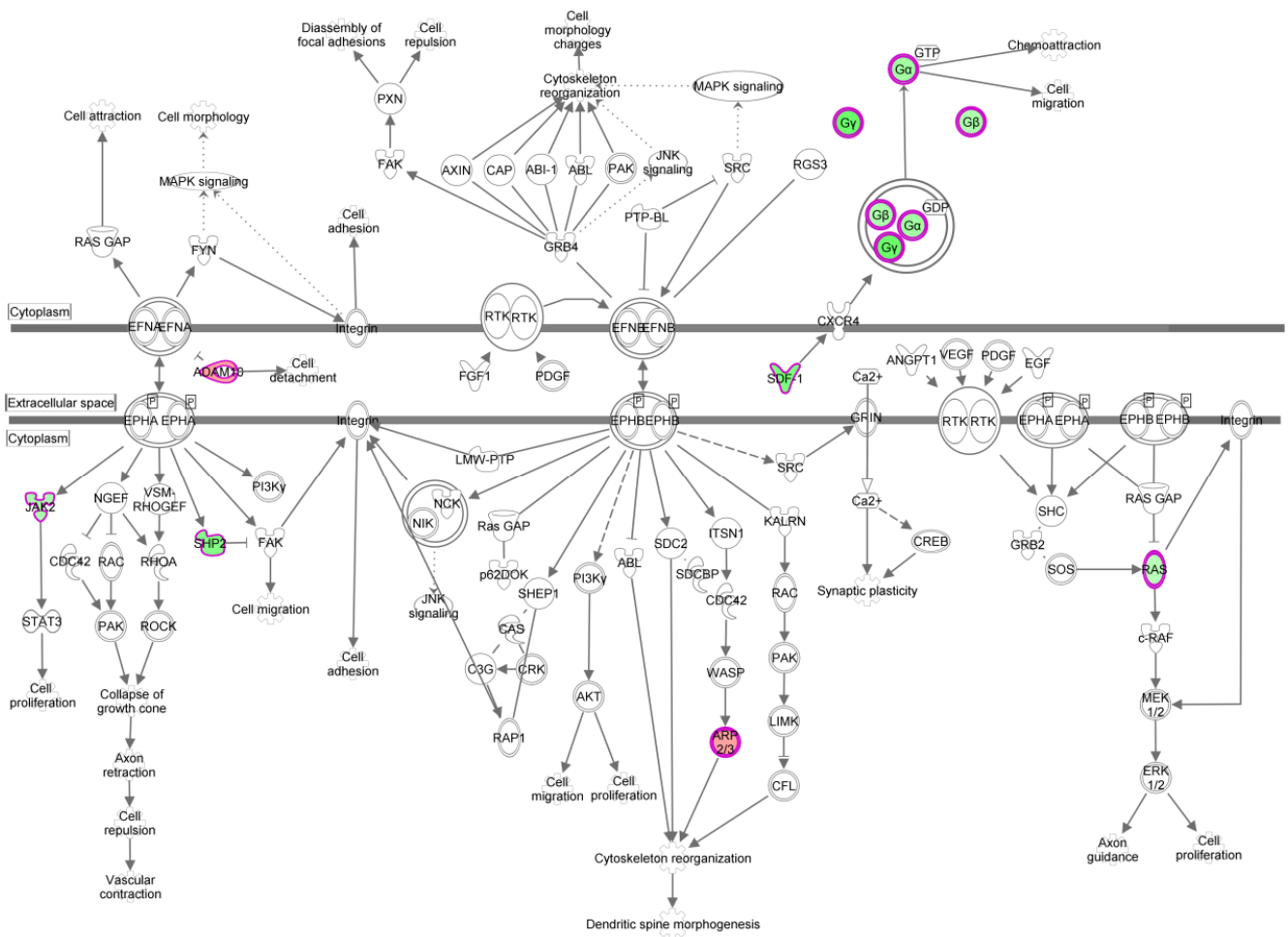
9. Regulation of EIF4 and p70S6K signaling



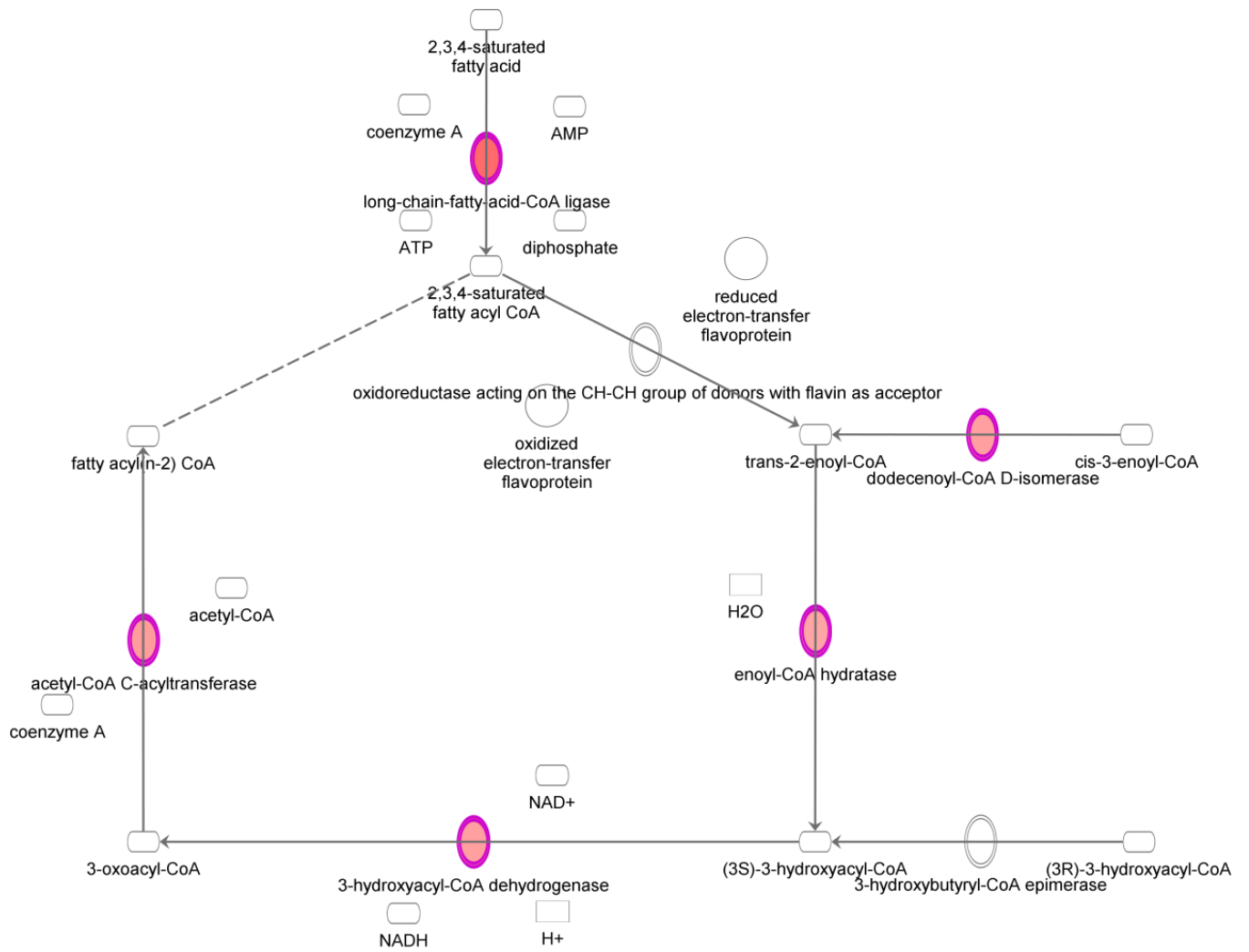
10. Endothelin signaling



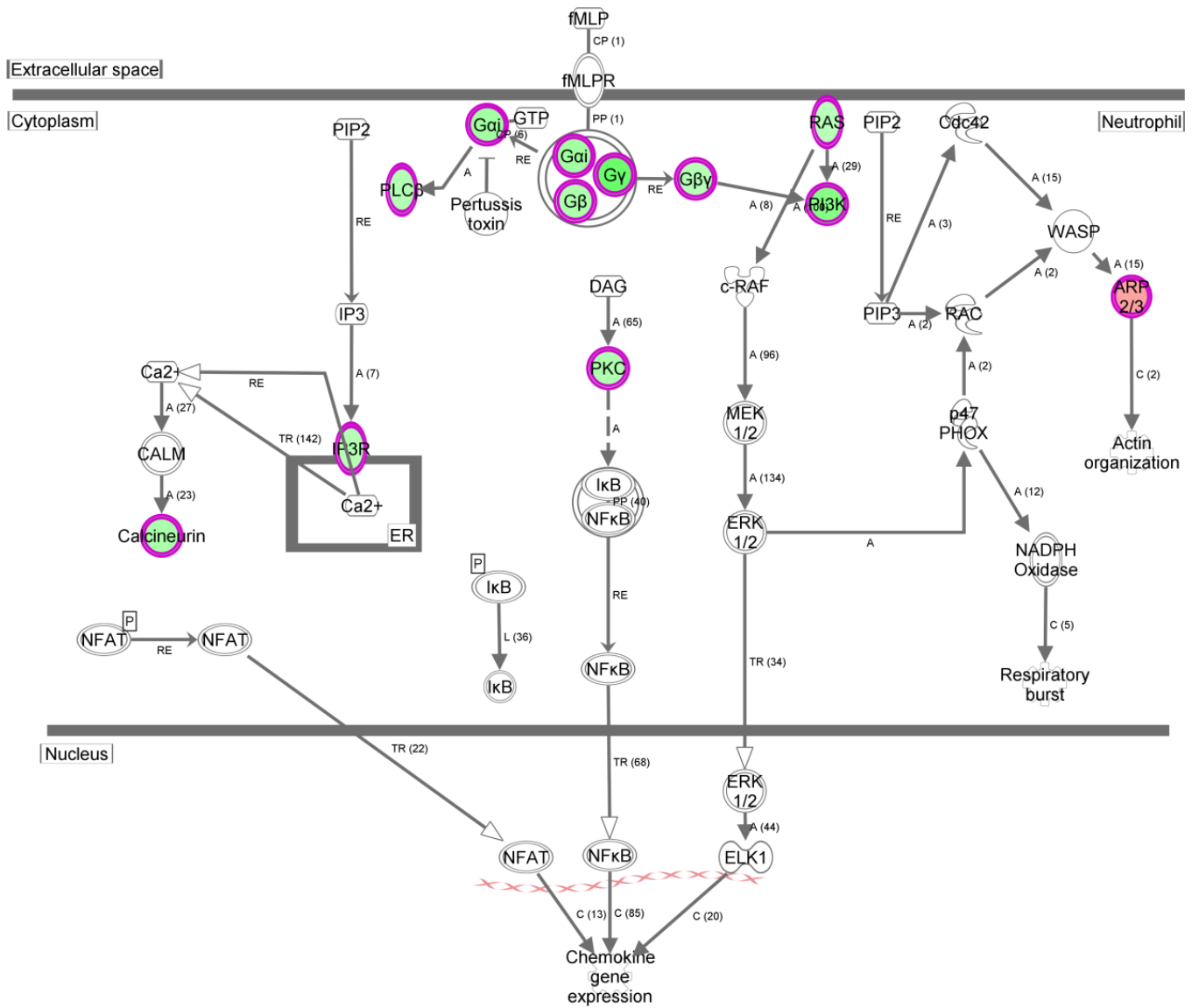
11. Ephrin receptor signaling



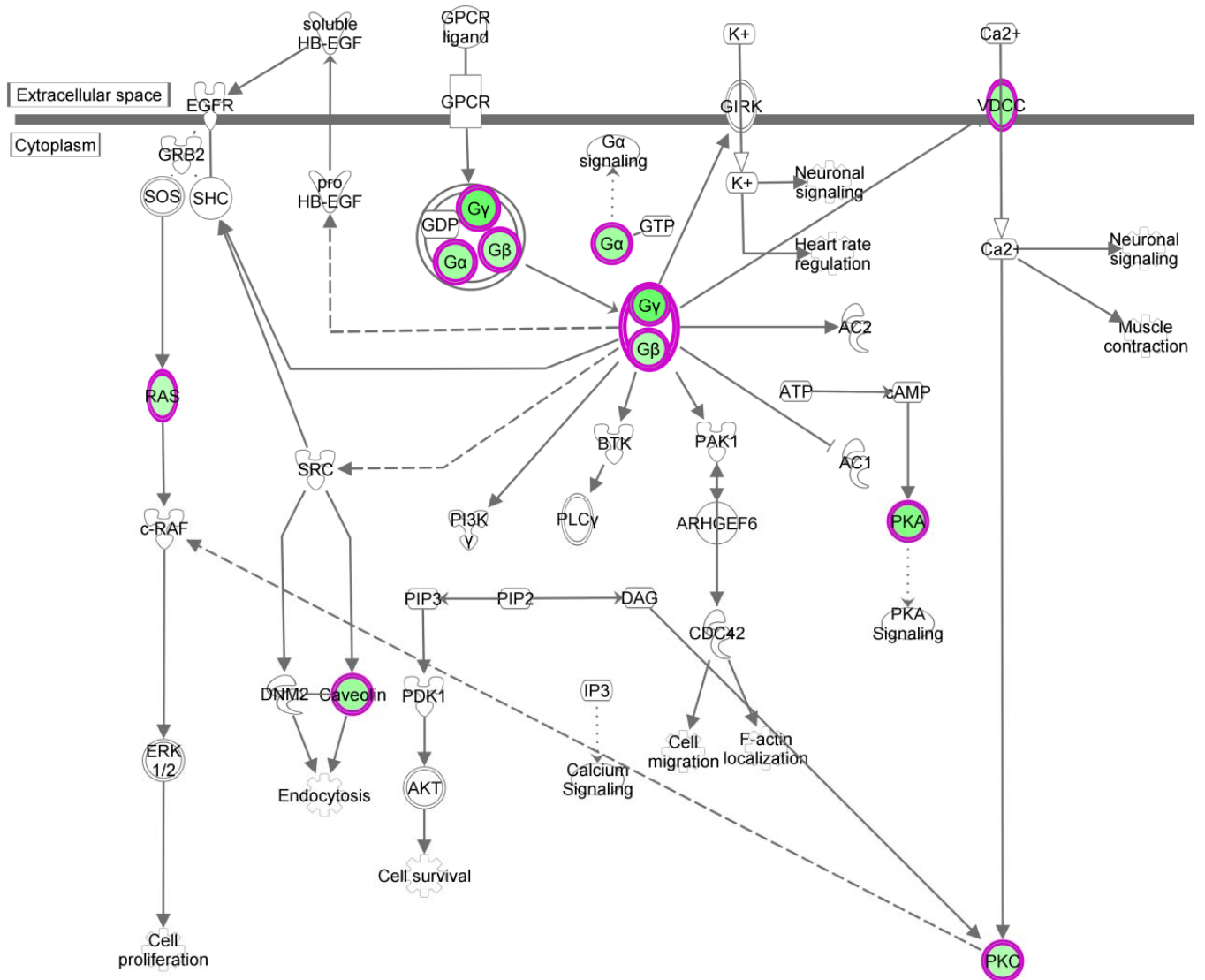
12. Fatty acid beta-oxidation I



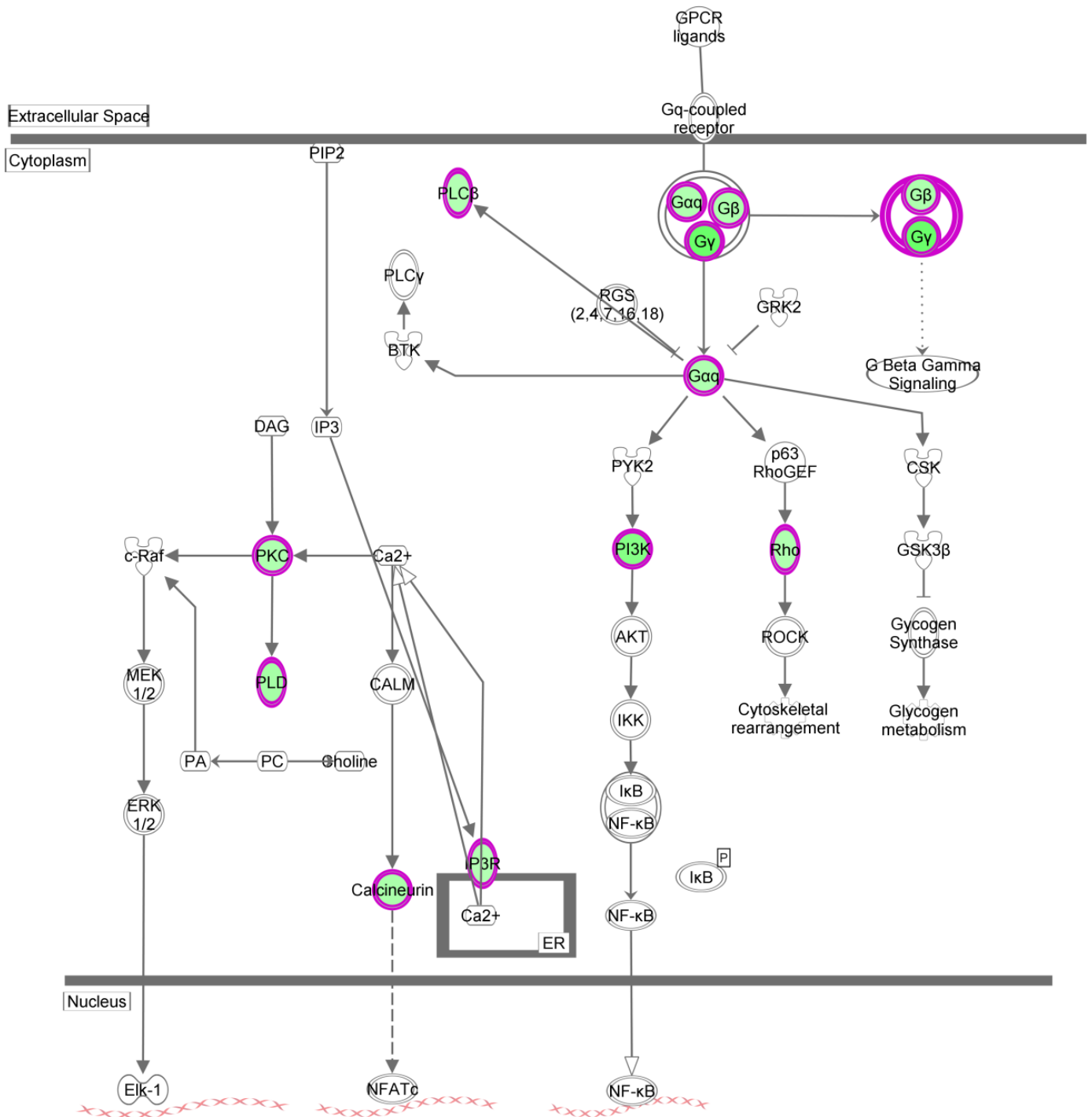
13. FLMP signaling in neutrophils



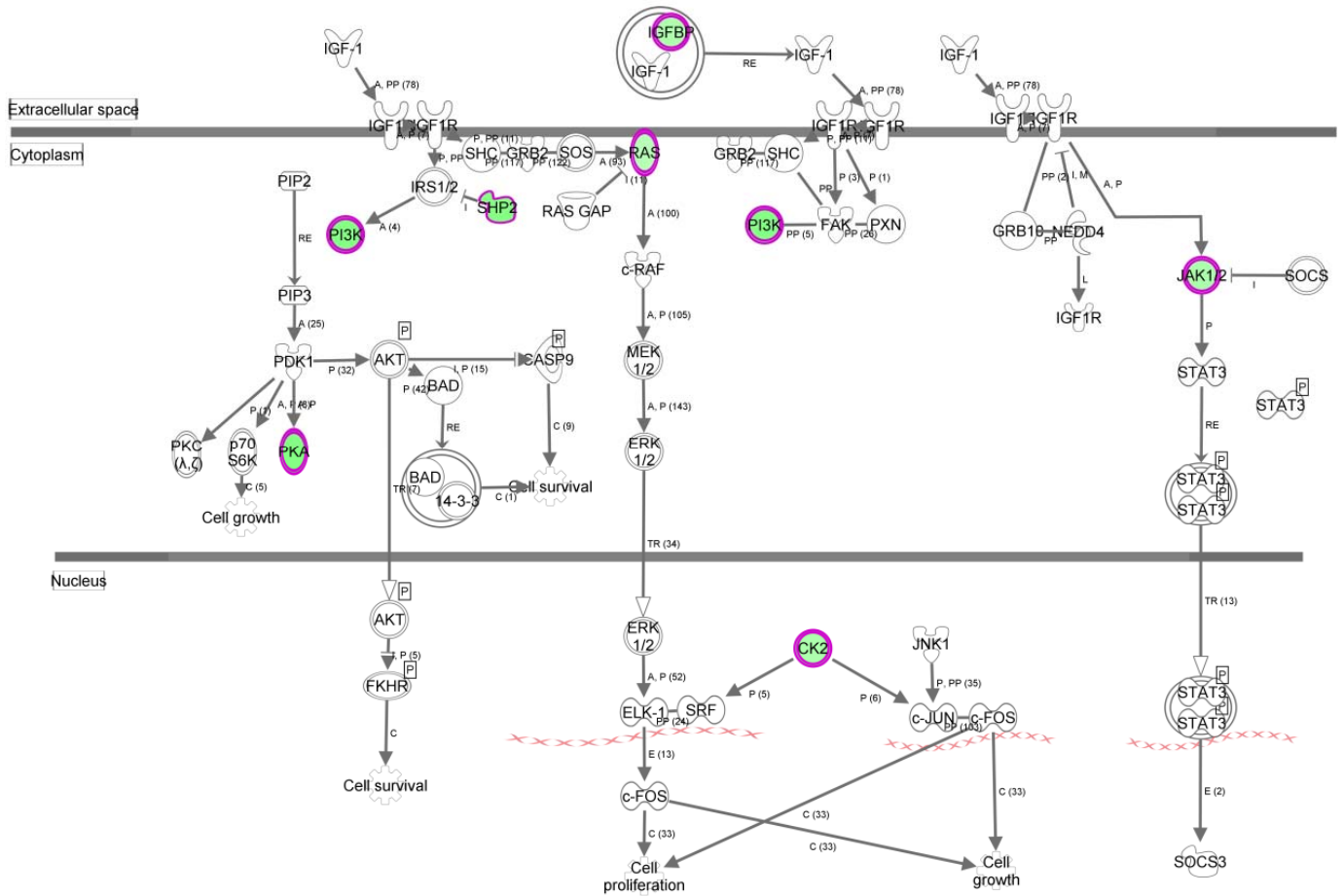
14. G beta gamma signaling



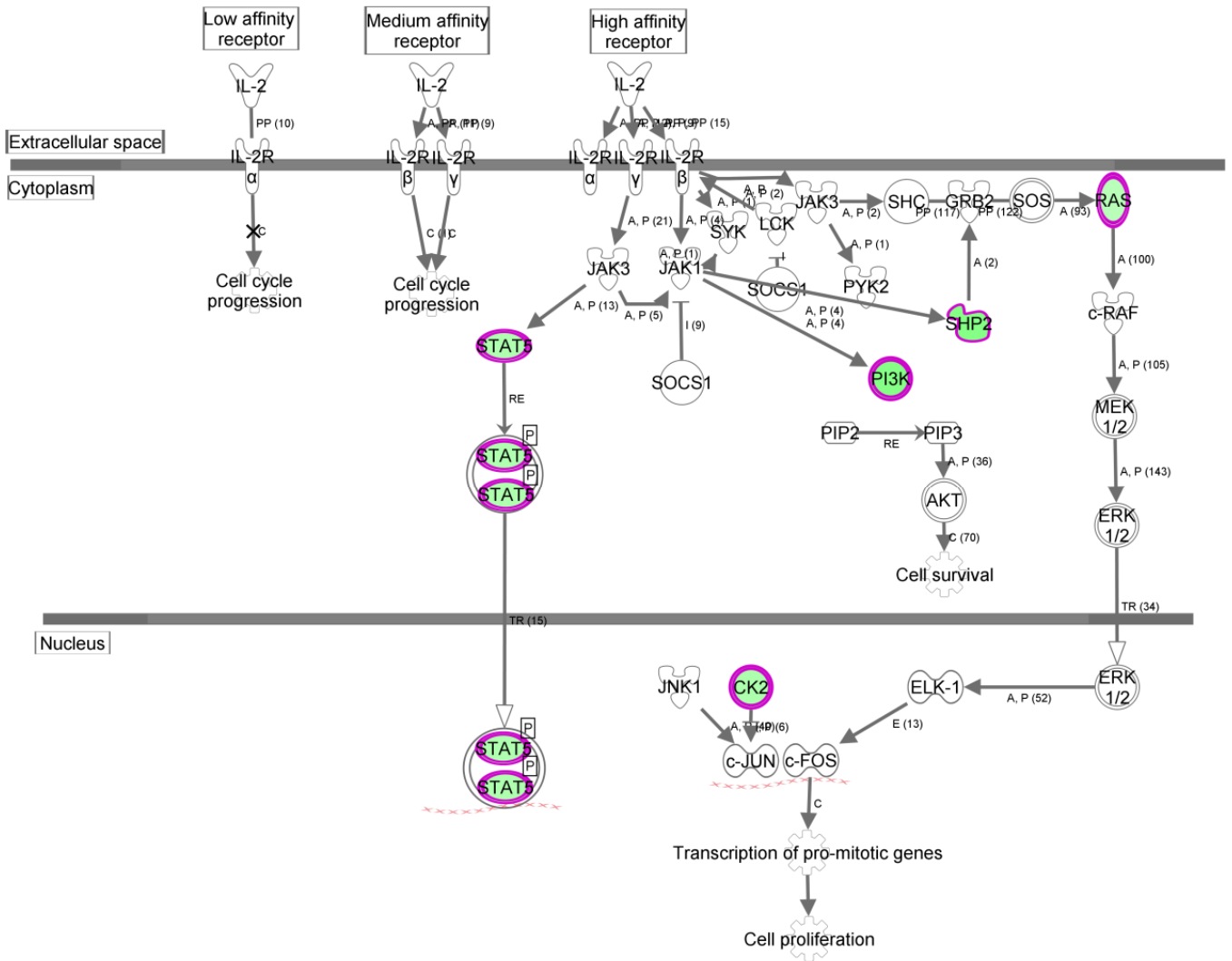
15. Gαq signaling



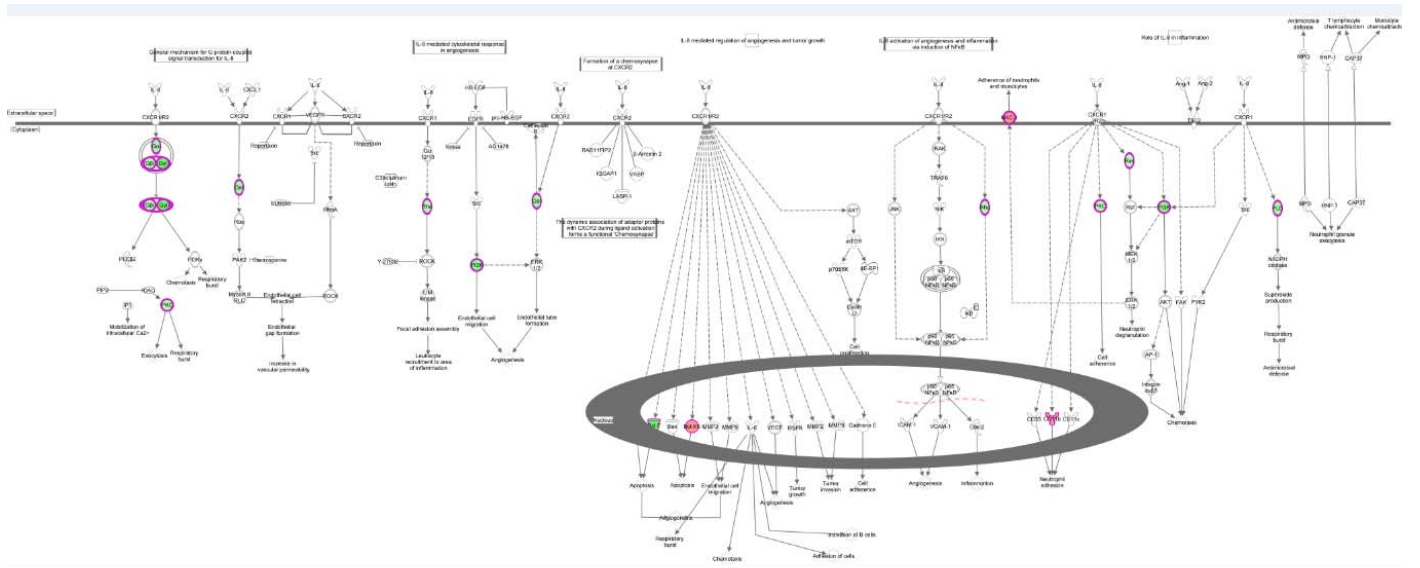
16. GNRN signaling IGF-1 signaling



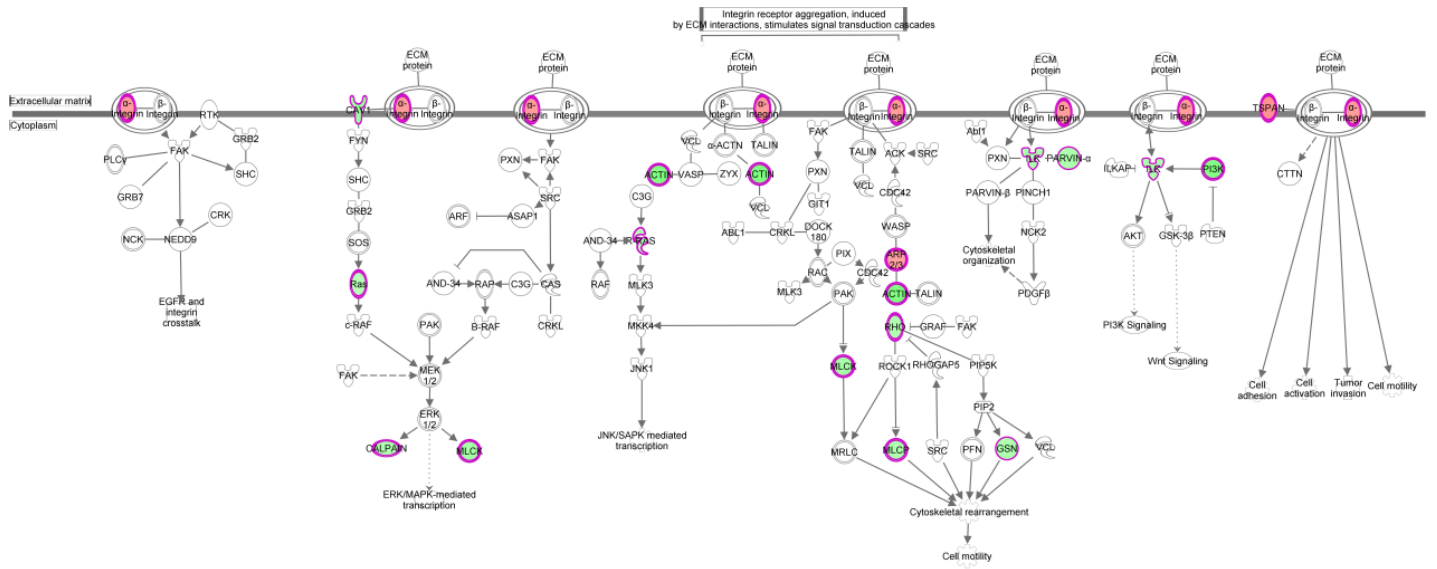
17. IL2 signaling



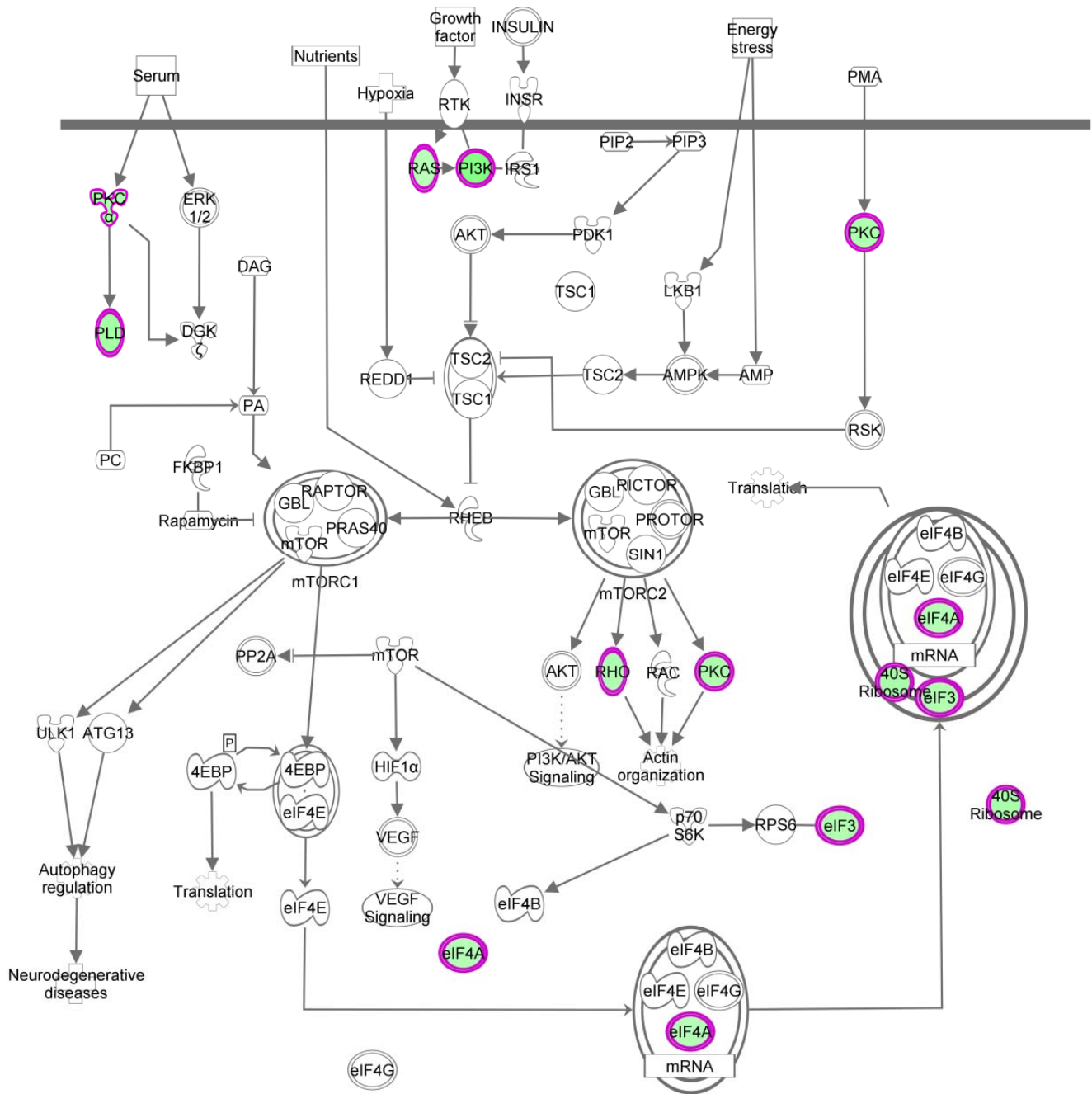
18. IL-8 signaling



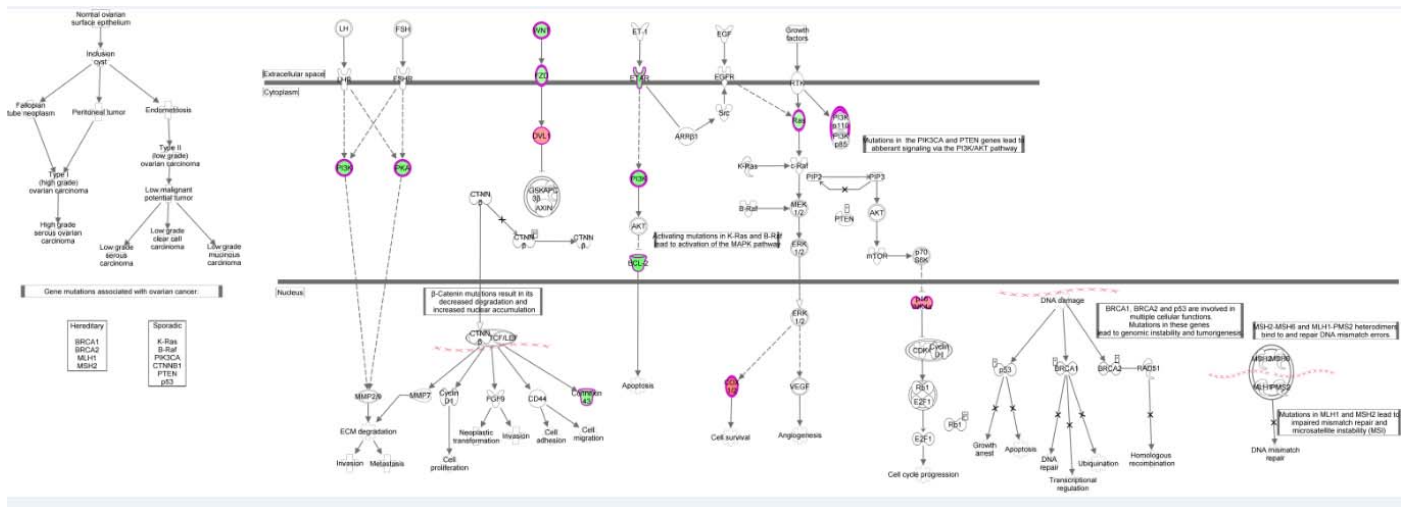
19. Integrin signaling



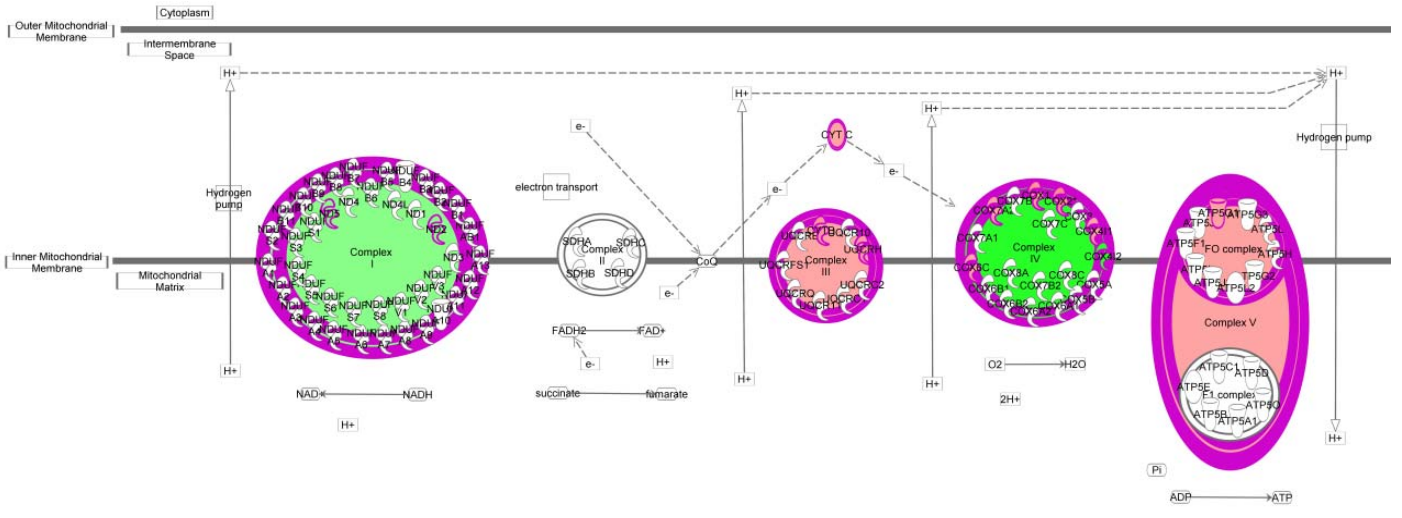
20. mTOR signaling



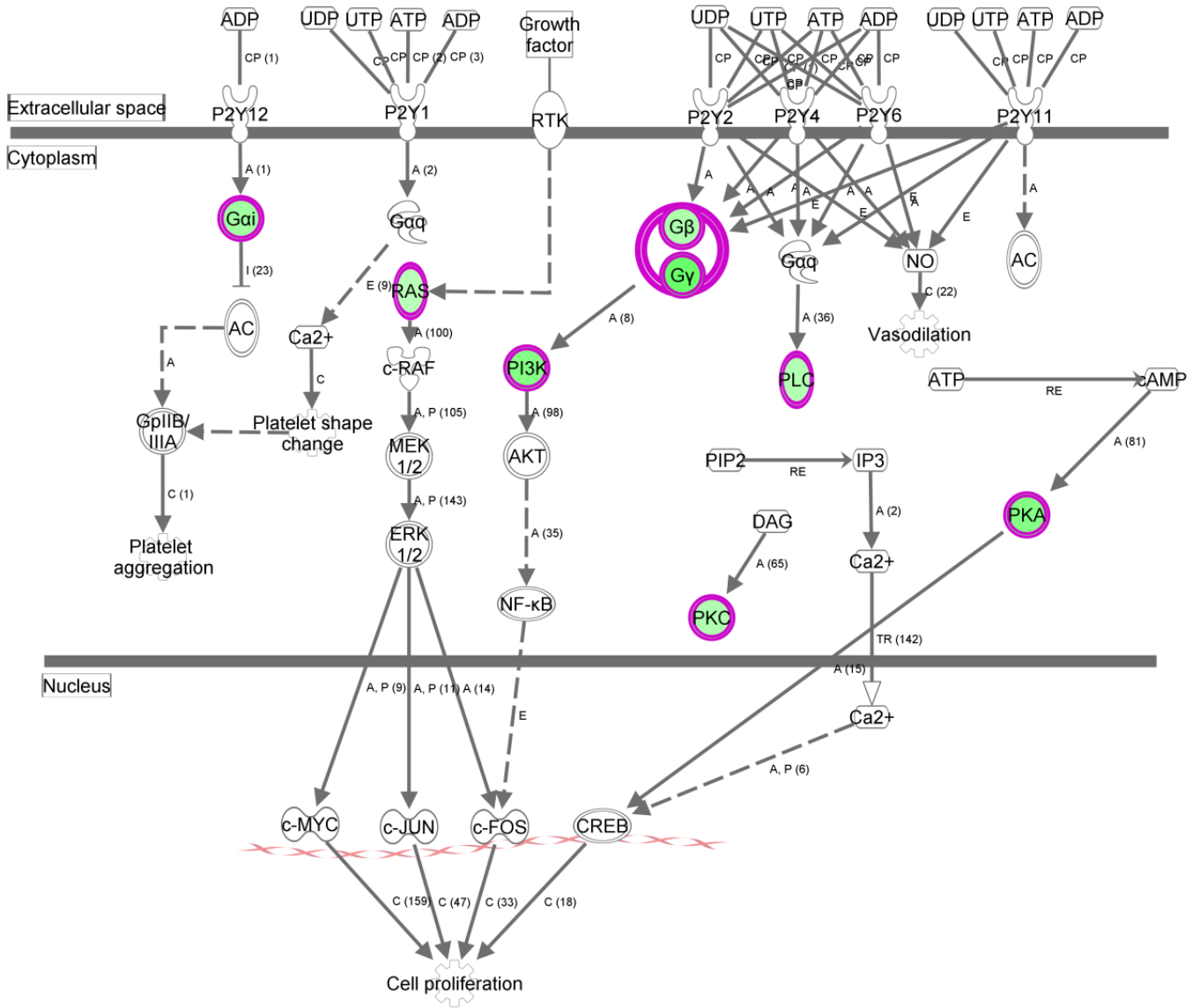
21. Ovarian cancer signaling



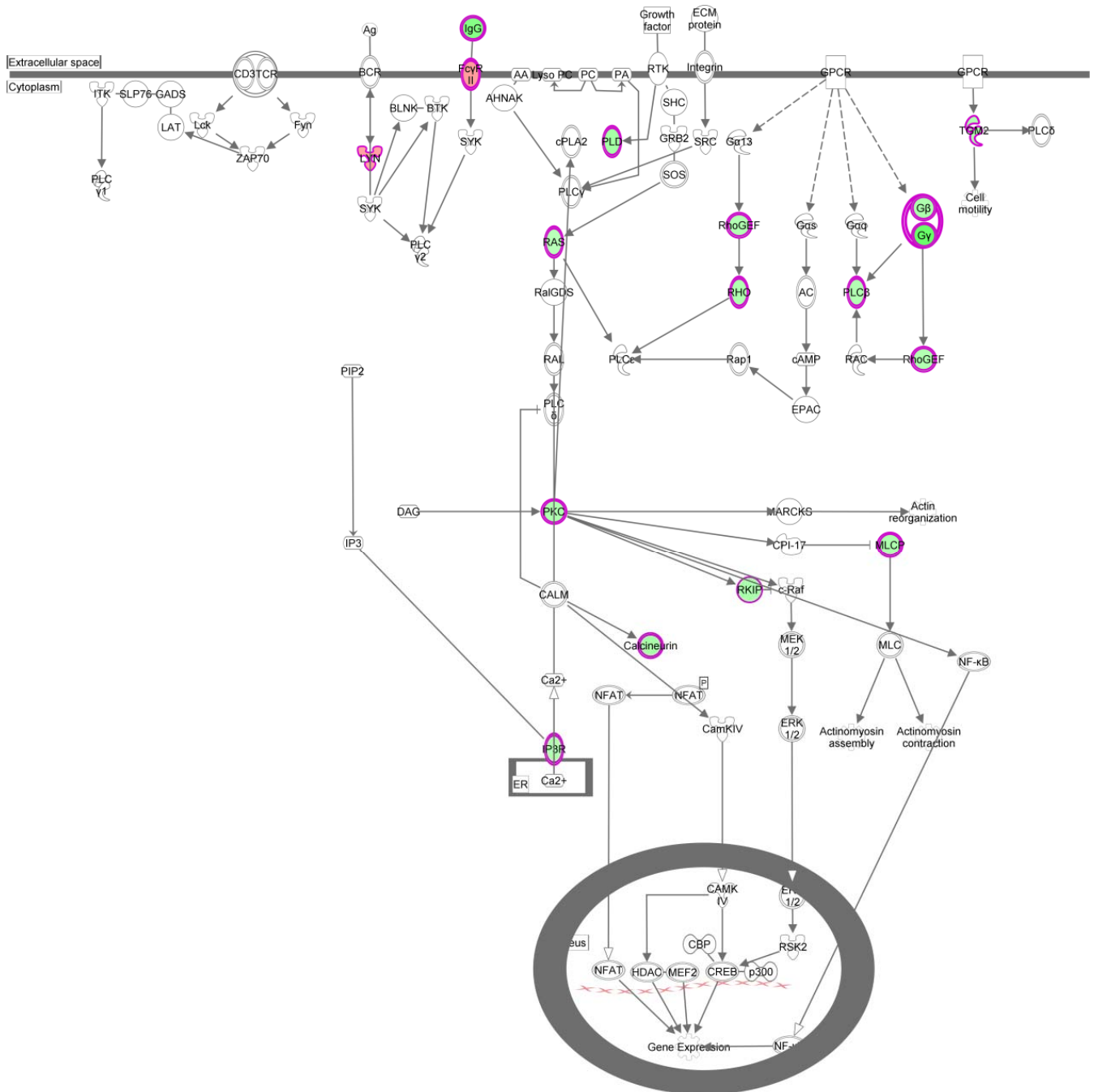
22. Oxidative phosphorylation



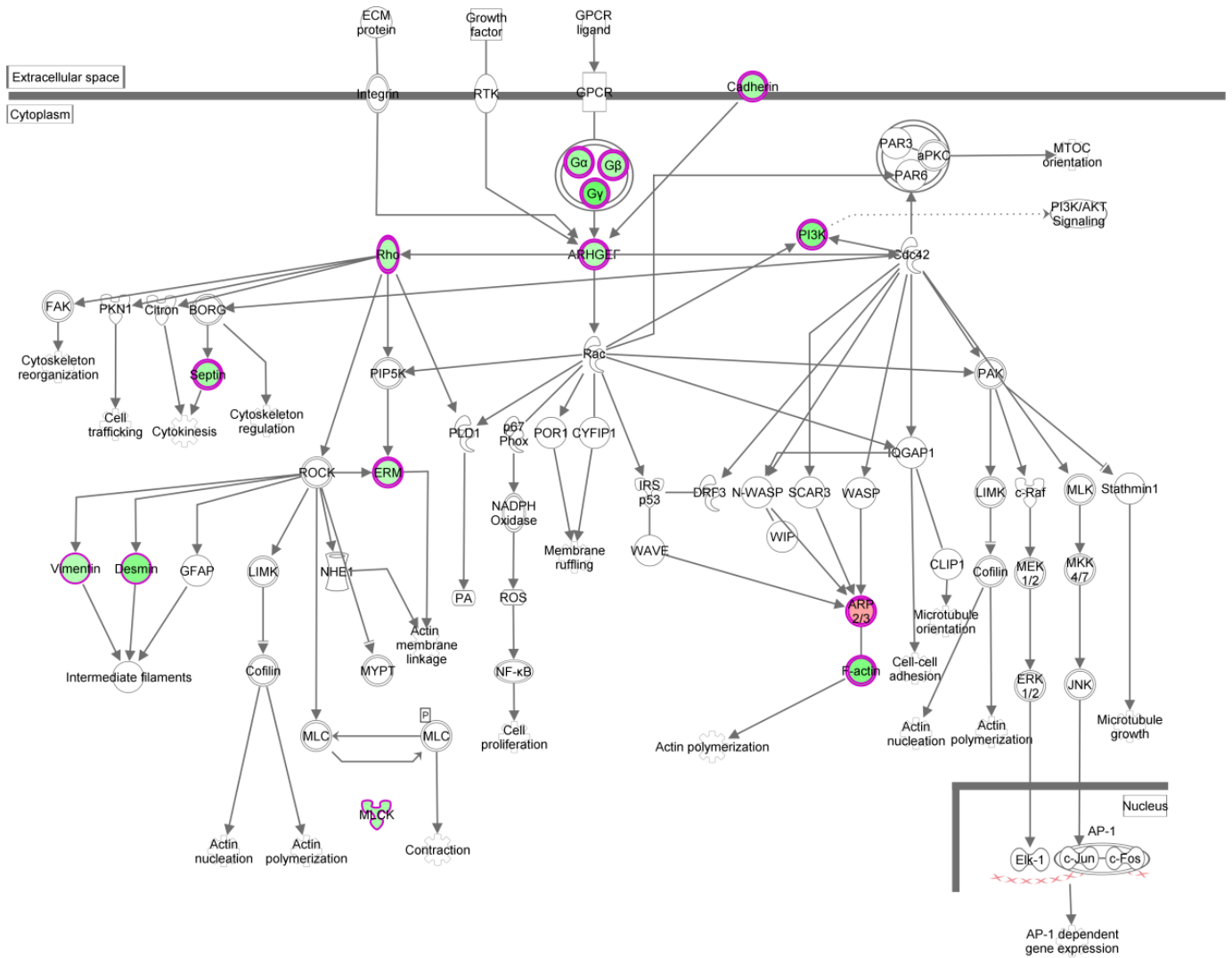
23. P2Y Purigenic receptor signaling pathway



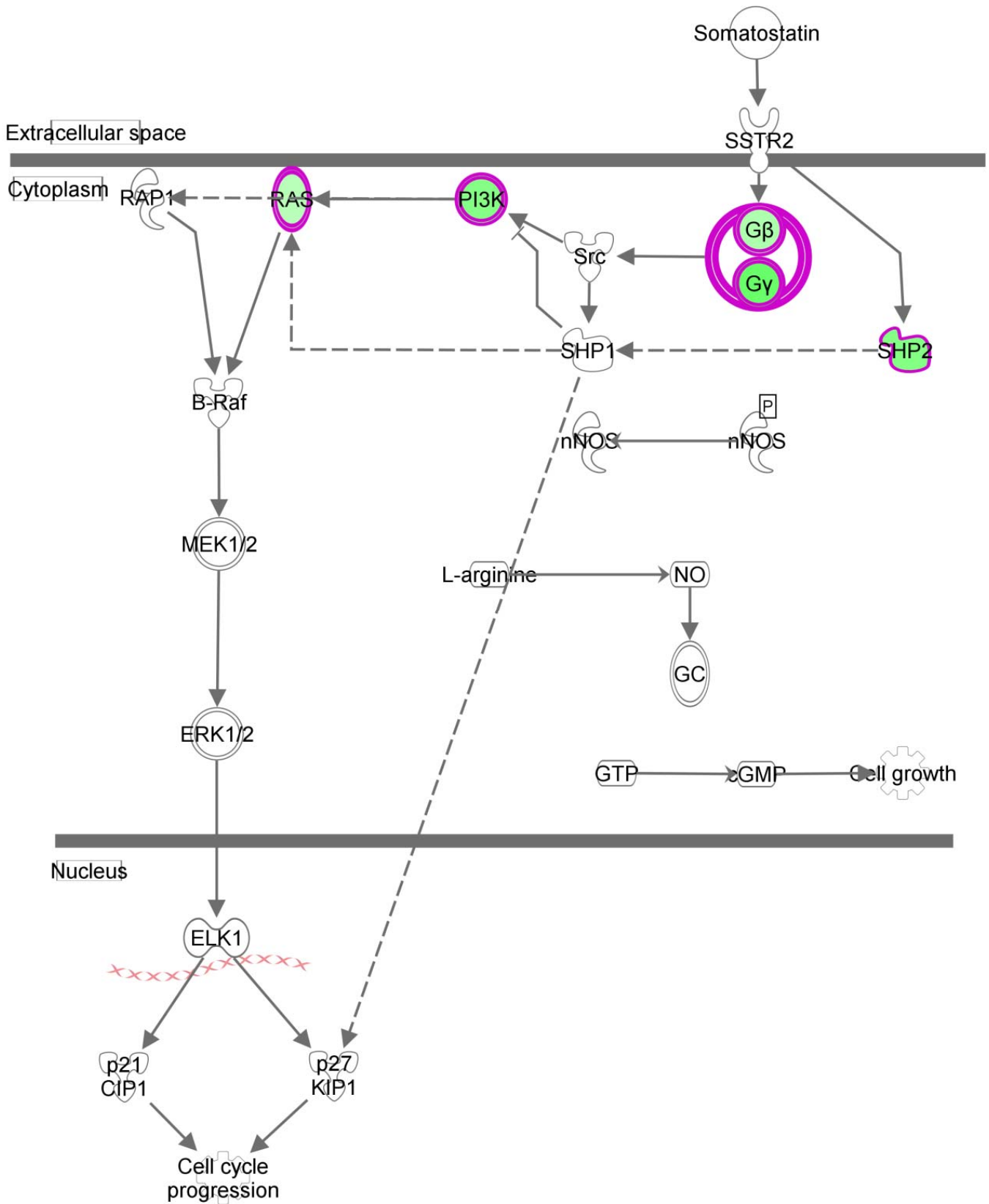
24. Phospholipase c signaling



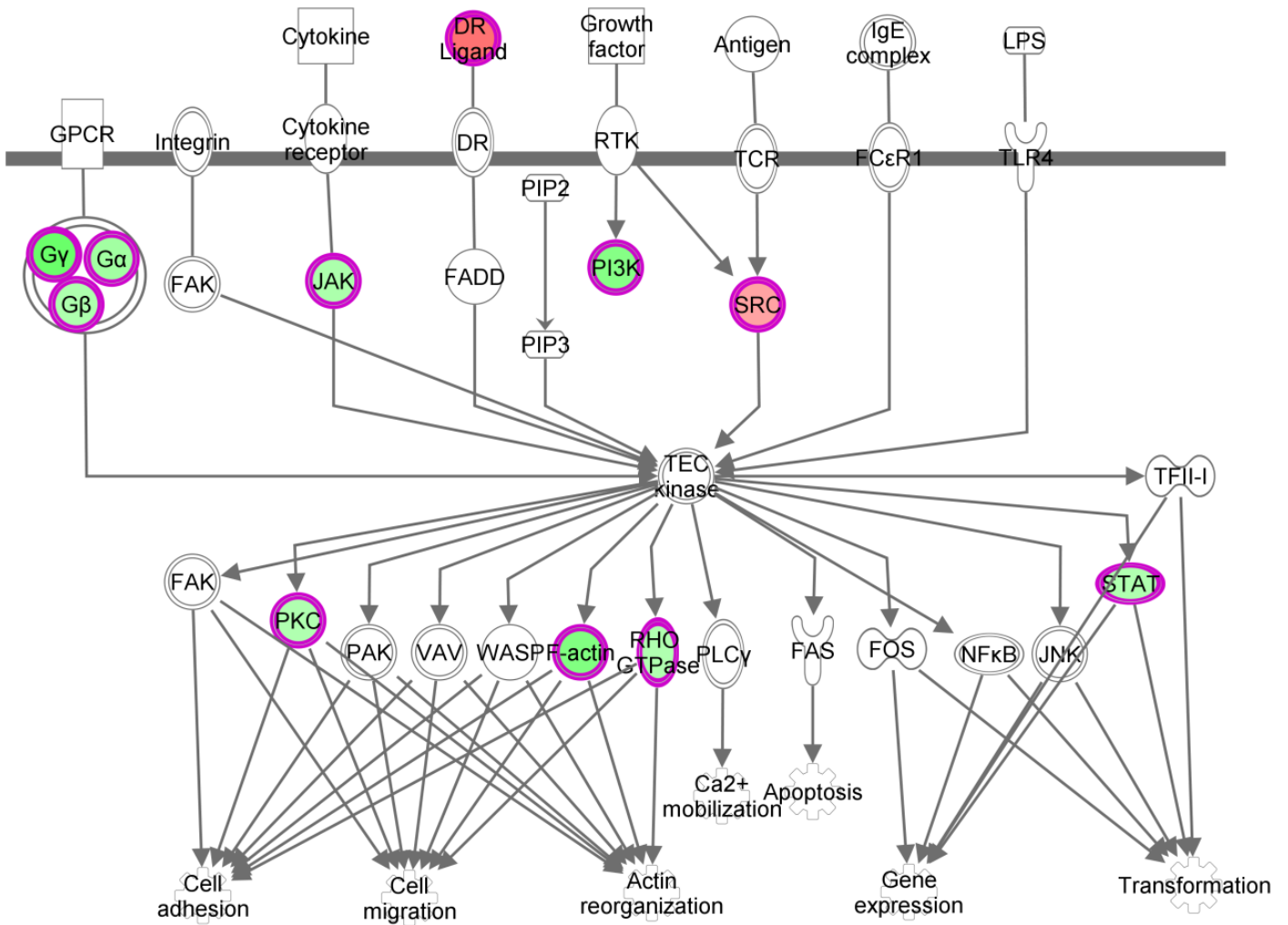
25. Signaling by Rho family GTPases



26. Antiproliferative role of somatostatin signaling



27. Tec kinase signaling



28. Thrombin signaling

