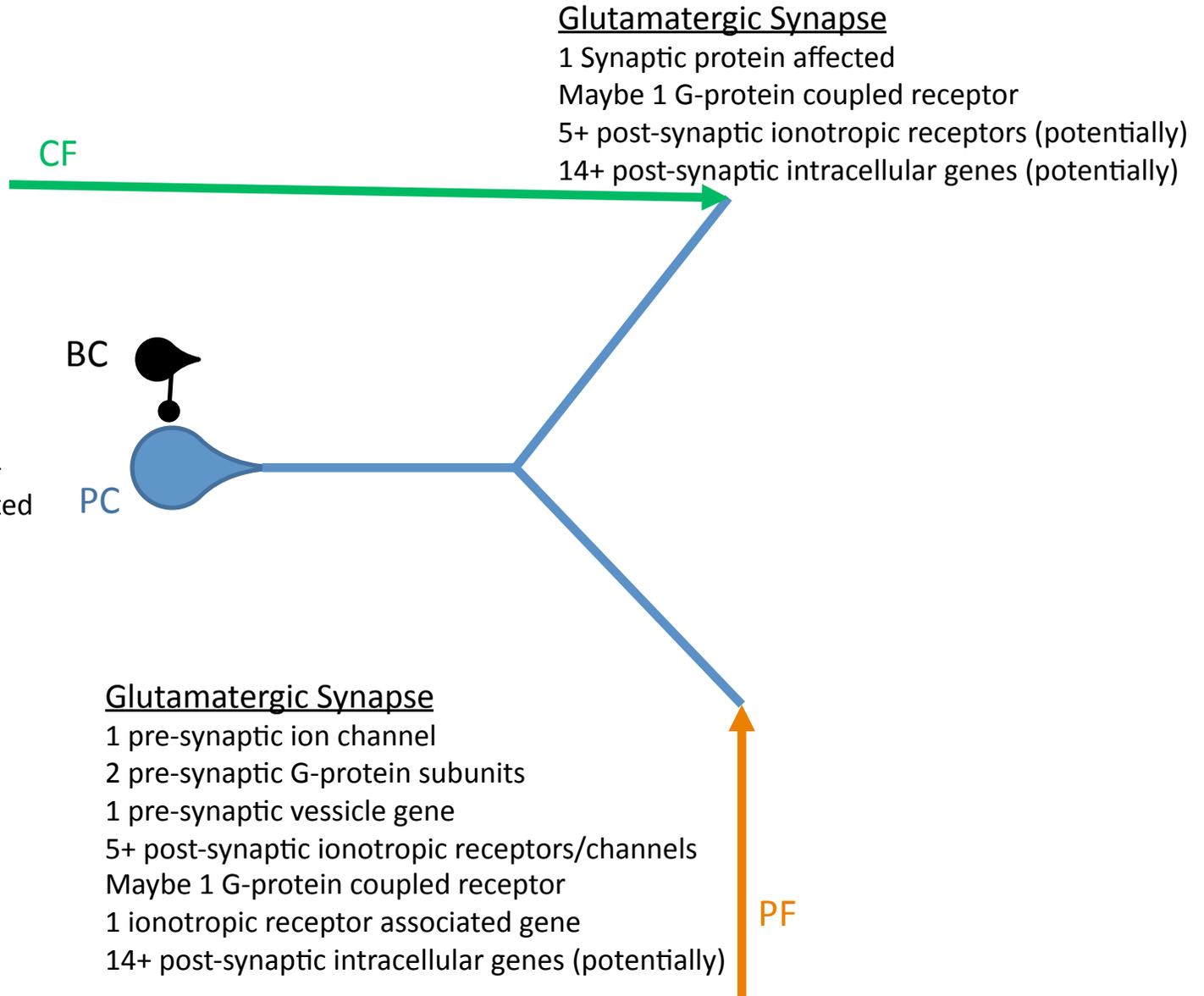
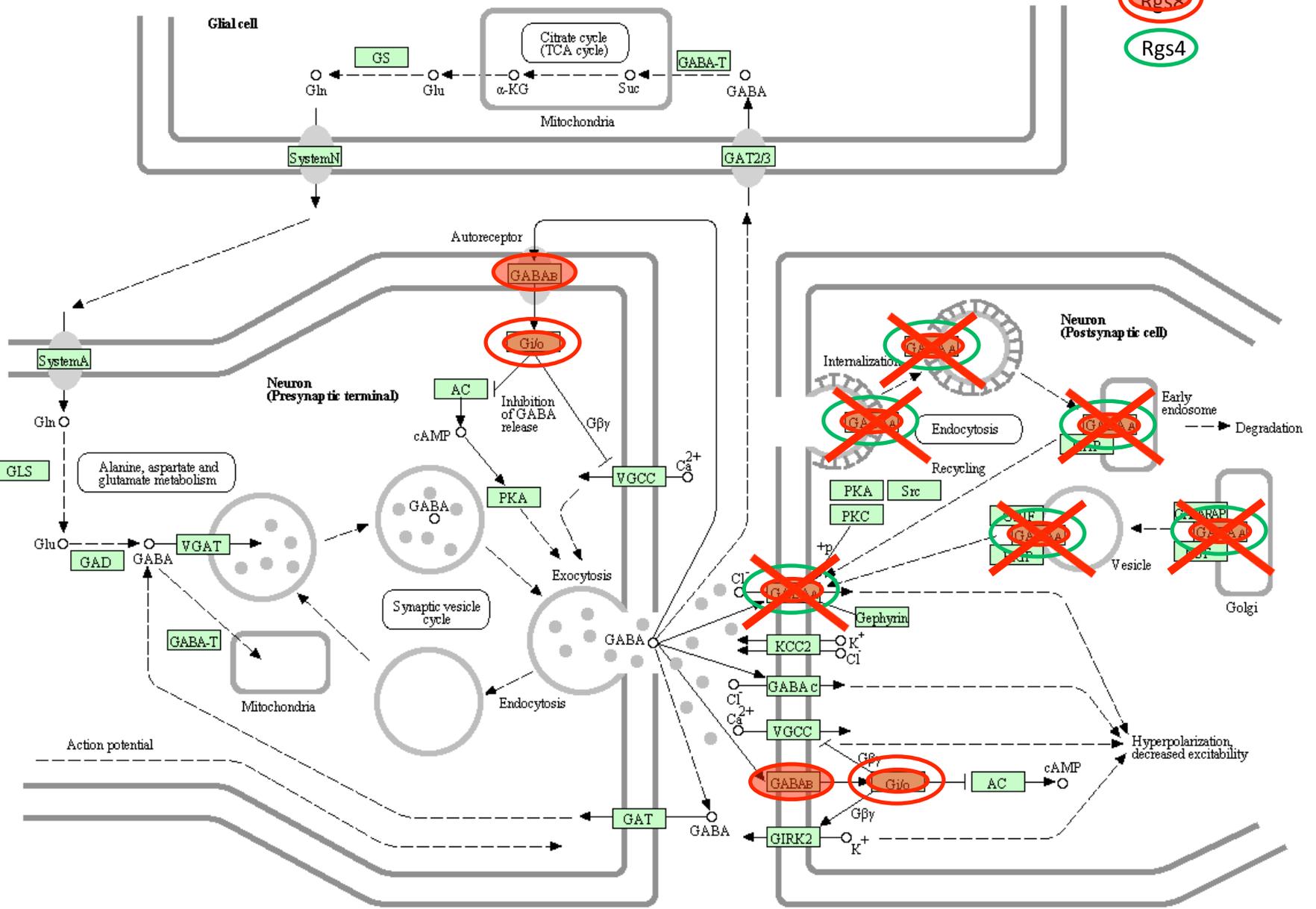


GABAergic Synapse  
5 GABAR subunits affected  
pre- and post-  
2 G-protein subunits affected

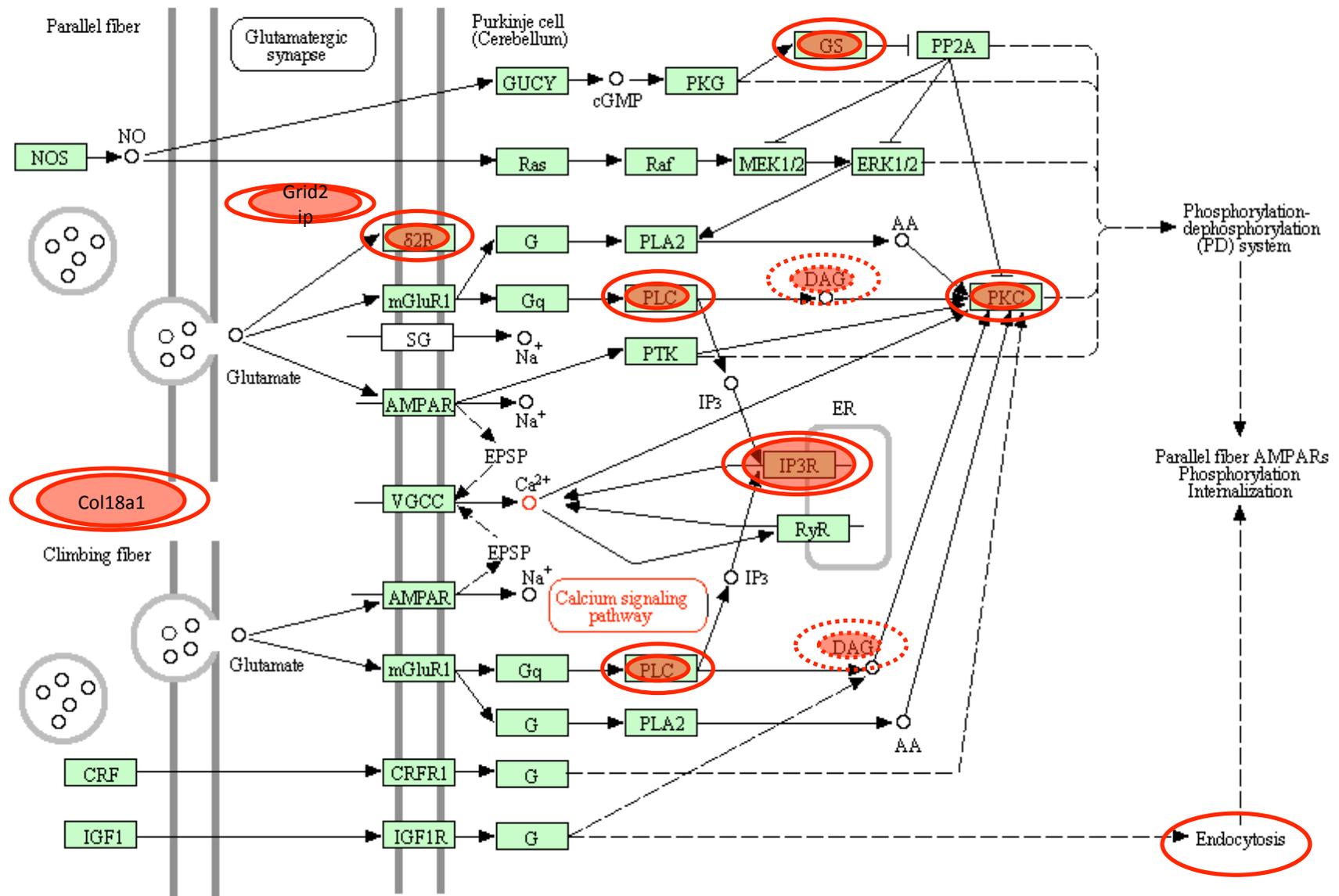


GABAergic synapse

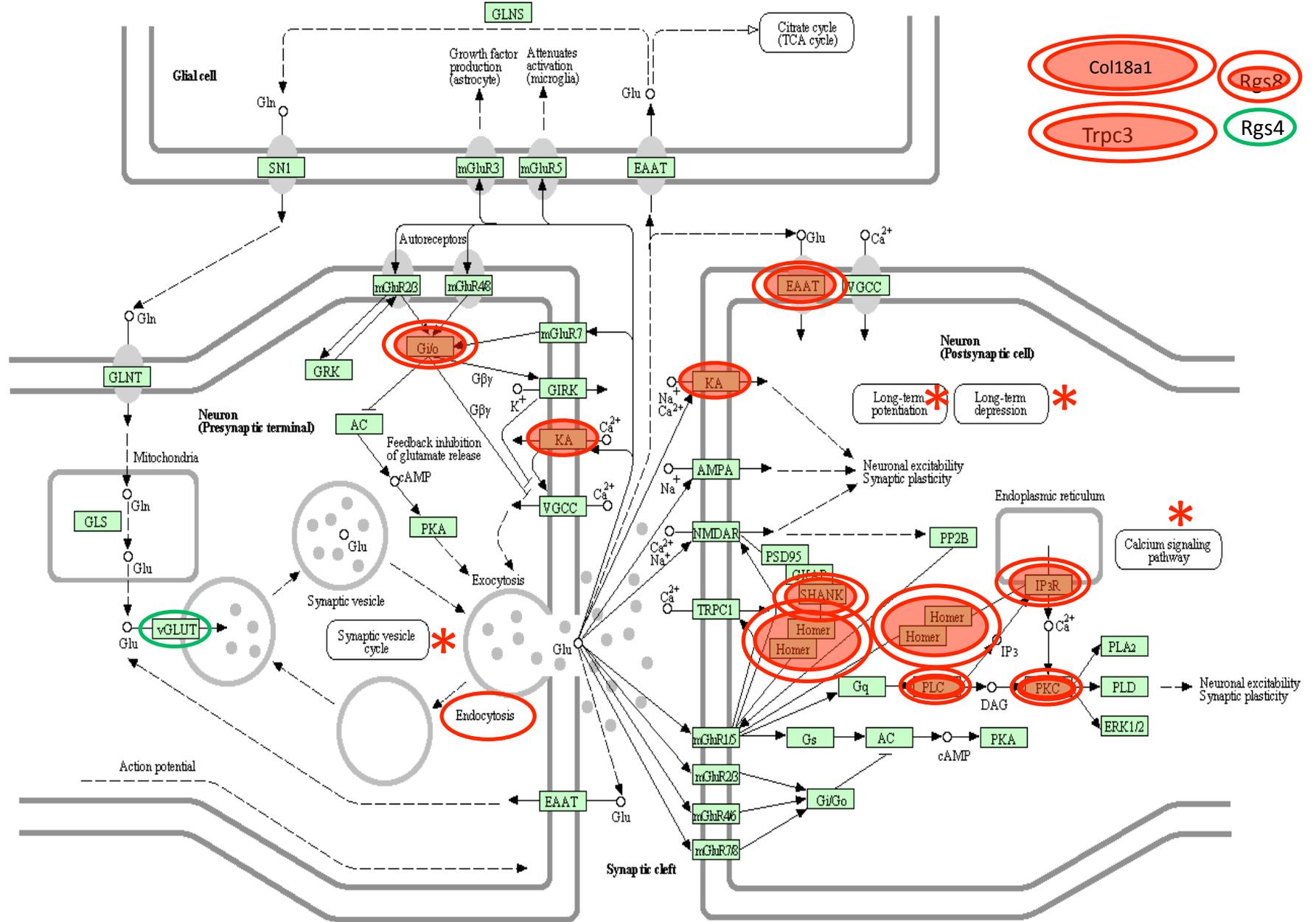
Rgs8  
Rgs4



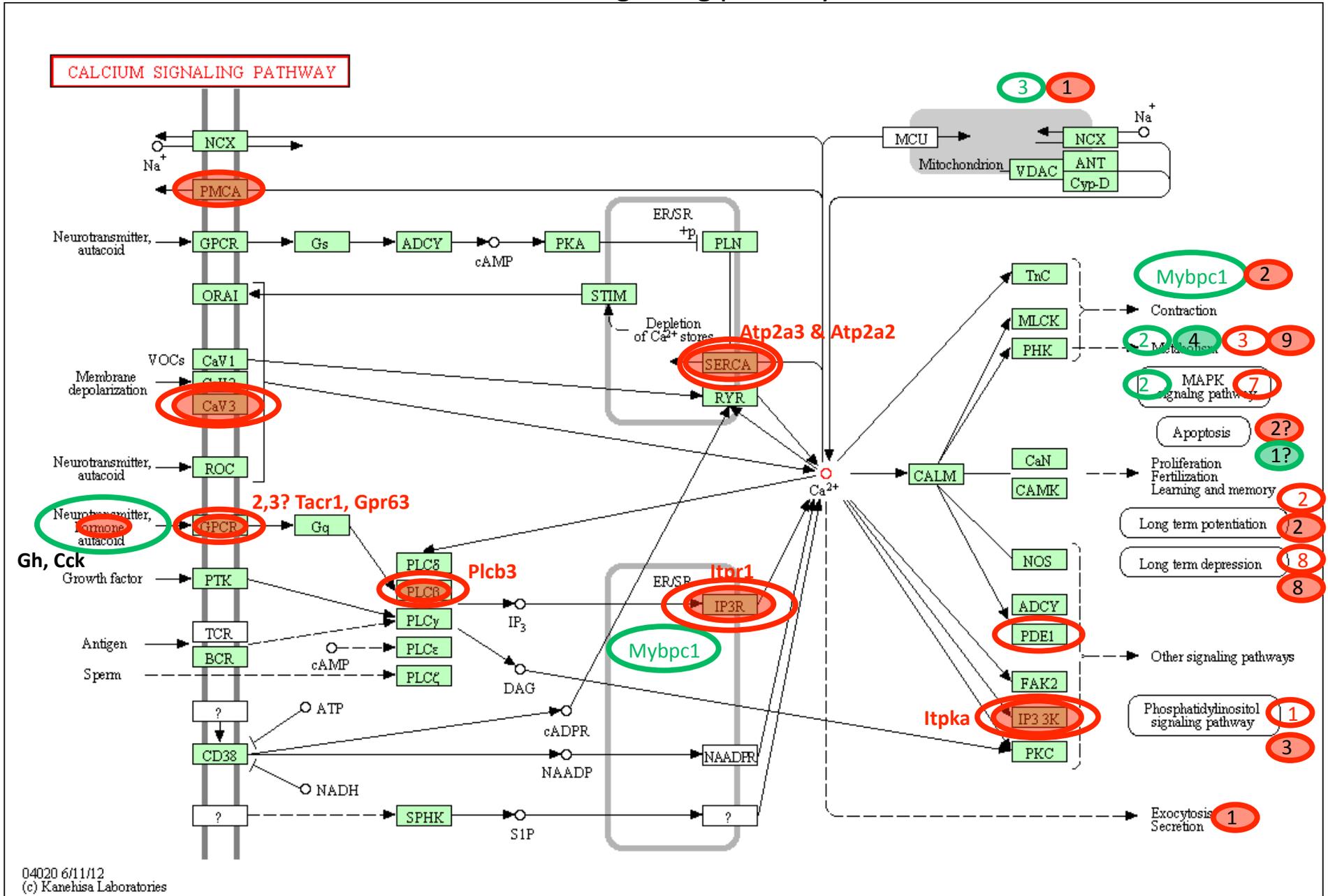
**LONG-TERM DEPRESSION**



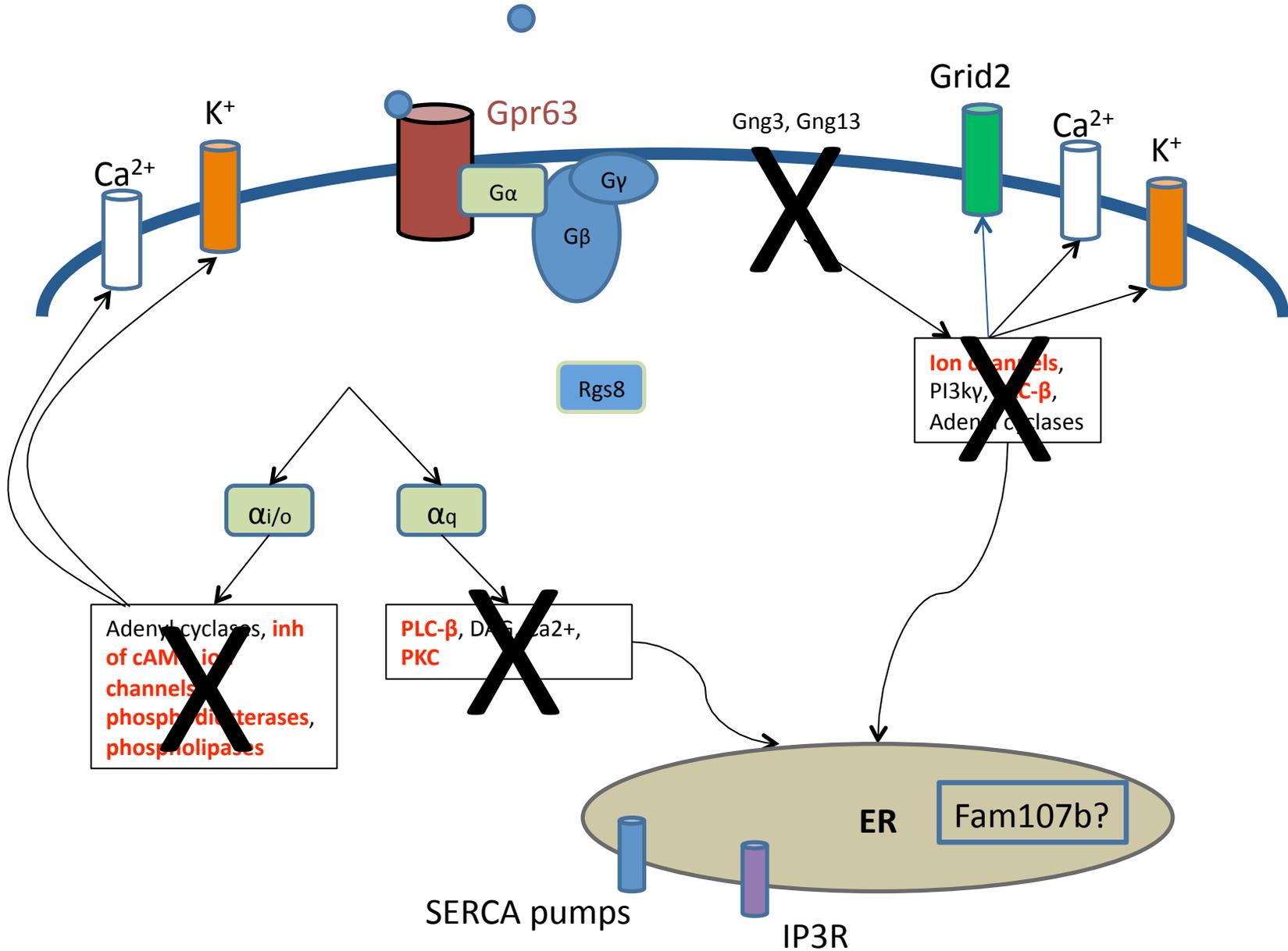
**GLUTAMATERGIC SYNAPSE**



# Q127 effects on Ca<sup>2+</sup> signaling pathway at 8 weeks



Unknown ligand – possibly Sphingosine 1-phosphate (low affinity), Dioleoylphosphatidic acid (low affinity), Or maybe Growth hormone or Cck?



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