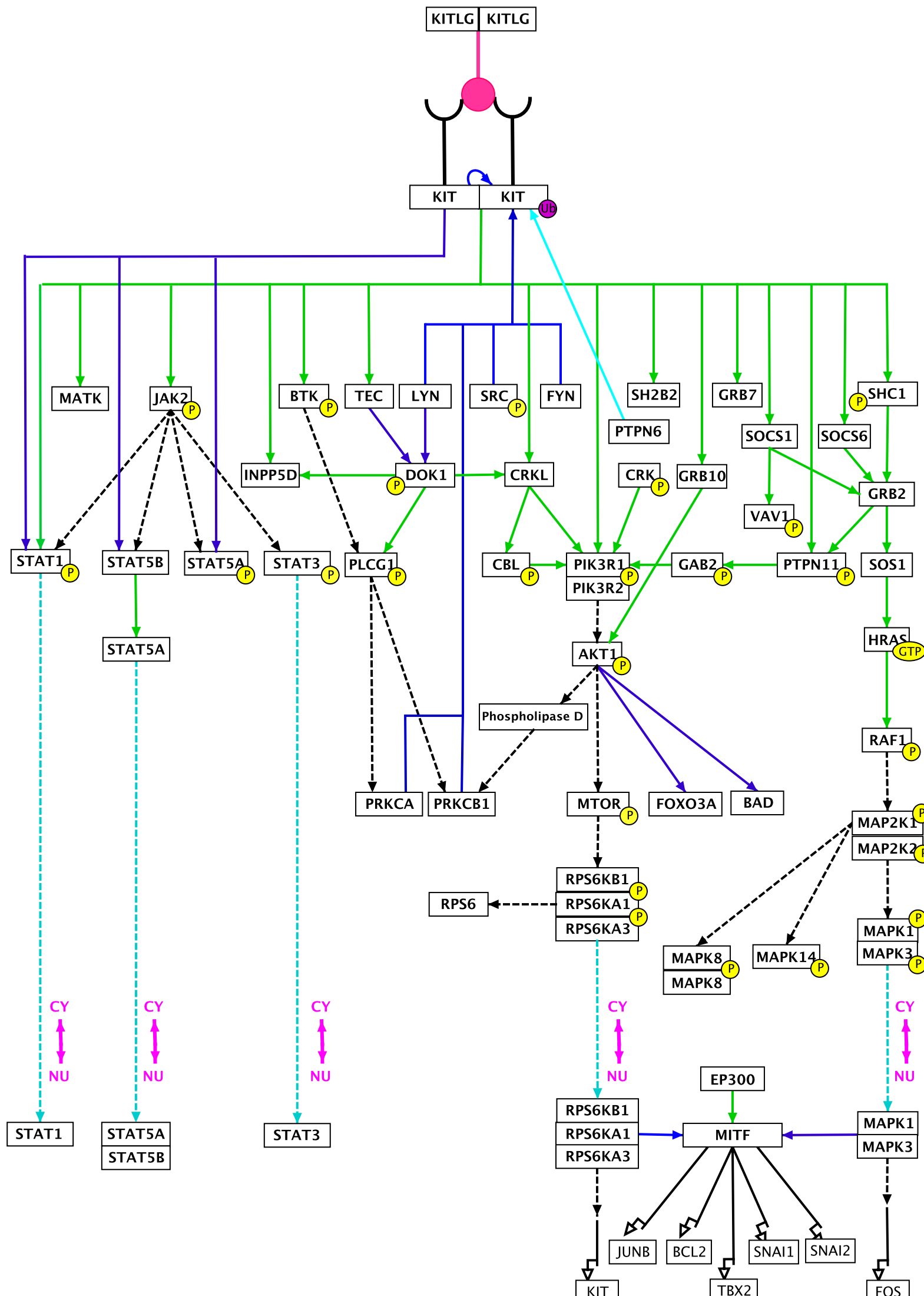




LEGEND

Ligand

Receptor

Protein

mRNA

Protein-protein interaction
 Leads to through unknown mechanism
 Positive regulation of gene expression
 Negative regulation of gene expression
 Auto catalysis
 Acetylation
 Deacetylation
 Phosphorylation
 Dephosphorylation
 Sumoylation
 Desumoylation
 Ubiquitination
 Deubiquitination
 Methylation
 Demethylation
 Palmitoylation
 Proteolytic cleavage
 Inhibition
 Transport
 Induced catalysis

Protein

Translocation

PM Plasma membrane
 CY Cytoplasm
 EC Extracellular
 EN Endosome
 ER Endoplasmic reticulum
 GO Golgi apparatus
 MT Mitochondrion
 NU Nucleus