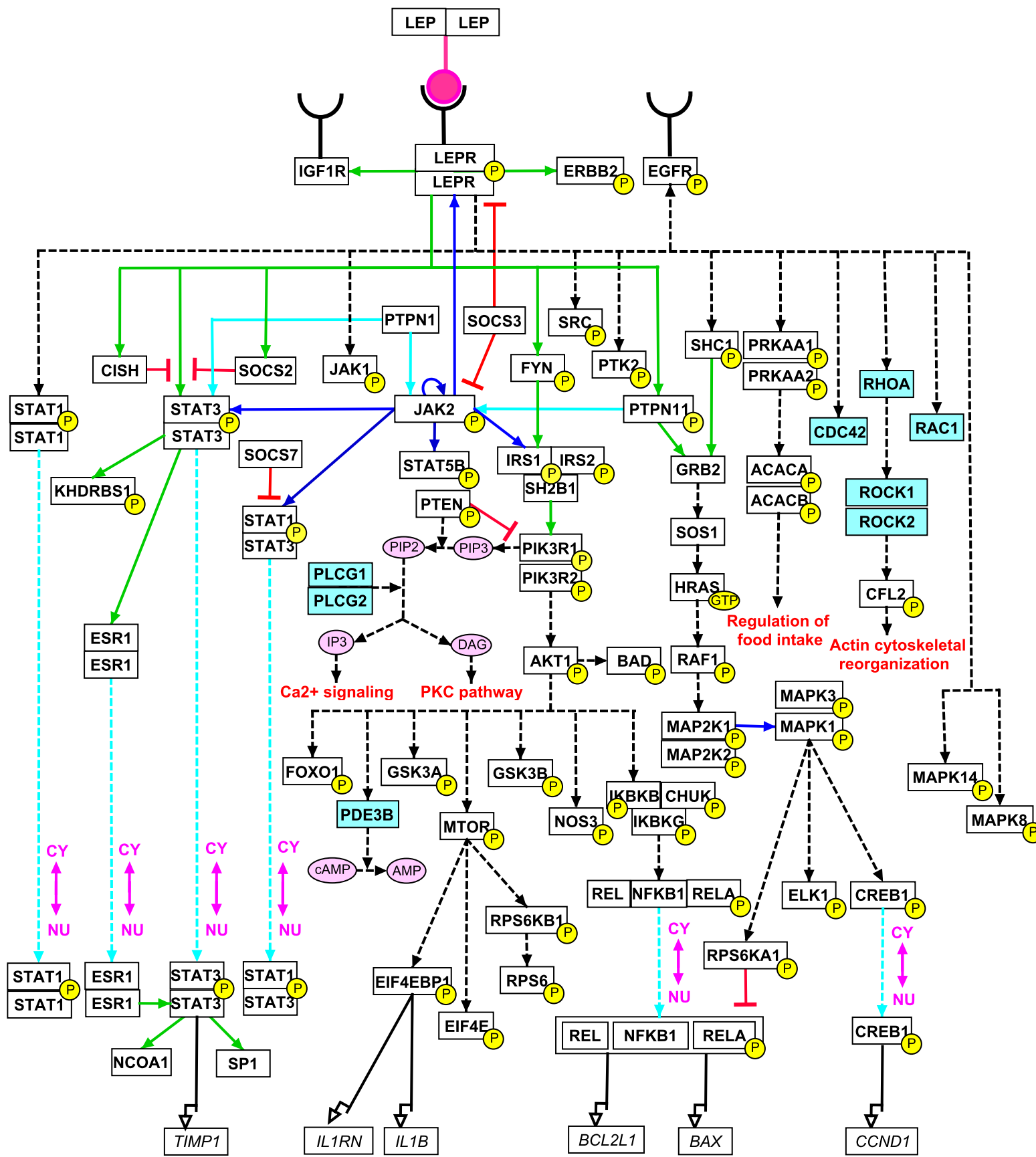


Leptin Signaling Pathway



LEGEND

	Ligand		Receptor		Protein		mRNA
					Enzyme complex		

	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
	Transport
	Induced catalysis
	Induced activation
	Small molecule
	Translocation
	PM Plasma membrane
	CY Cytoplasm
	EC Extracellular
	EN Endosome
	ER Endoplasmic reticulum
	GO Golgi apparatus
	MT Mitochondrion
	NU Nucleus