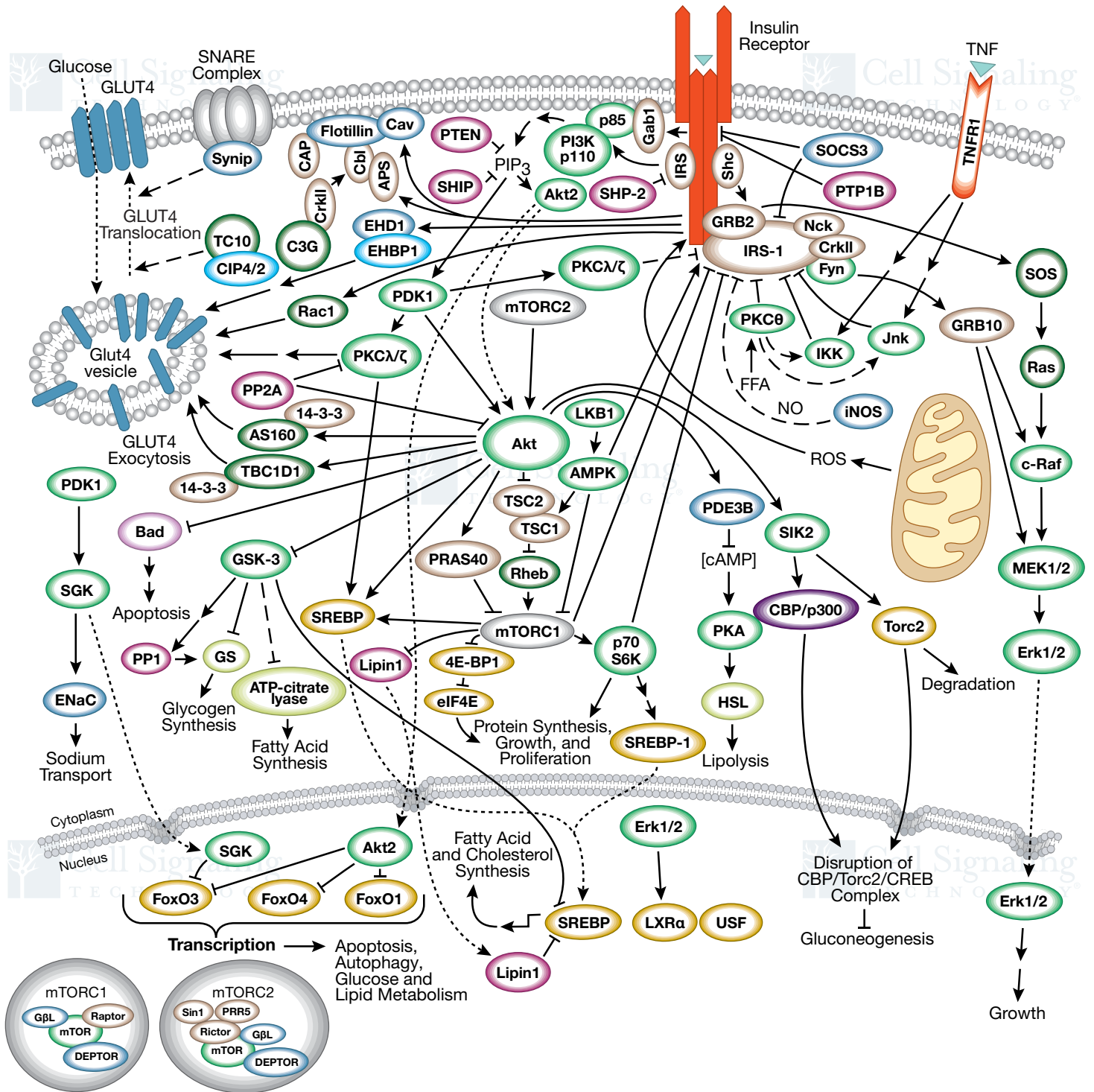




Insulin Receptor Signaling



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Pathway Diagram Key

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Acetylase	Apoptosis/Autophagy Regulator	Deacetylase or Cytoskeletal Protein	GTPase/GAP/GEF	Metabolic Enzyme	Phosphatase	Ubiquitin/SUMO Ligase or Deubiquitinase	Receptor
Adaptor	Cell Cycle Regulator	Growth Factor/Cytokine/Development Protein	Kinase	Methyltransferase or G-protein	Protein Complex	Transcription Factor or Translation Factor	Other
— Direct Process		- - - Tentative Process		- - - - - Translocation Process		→ Stimulatory Modification	
				Inhibitory Modification		└ Transcriptional Modification	