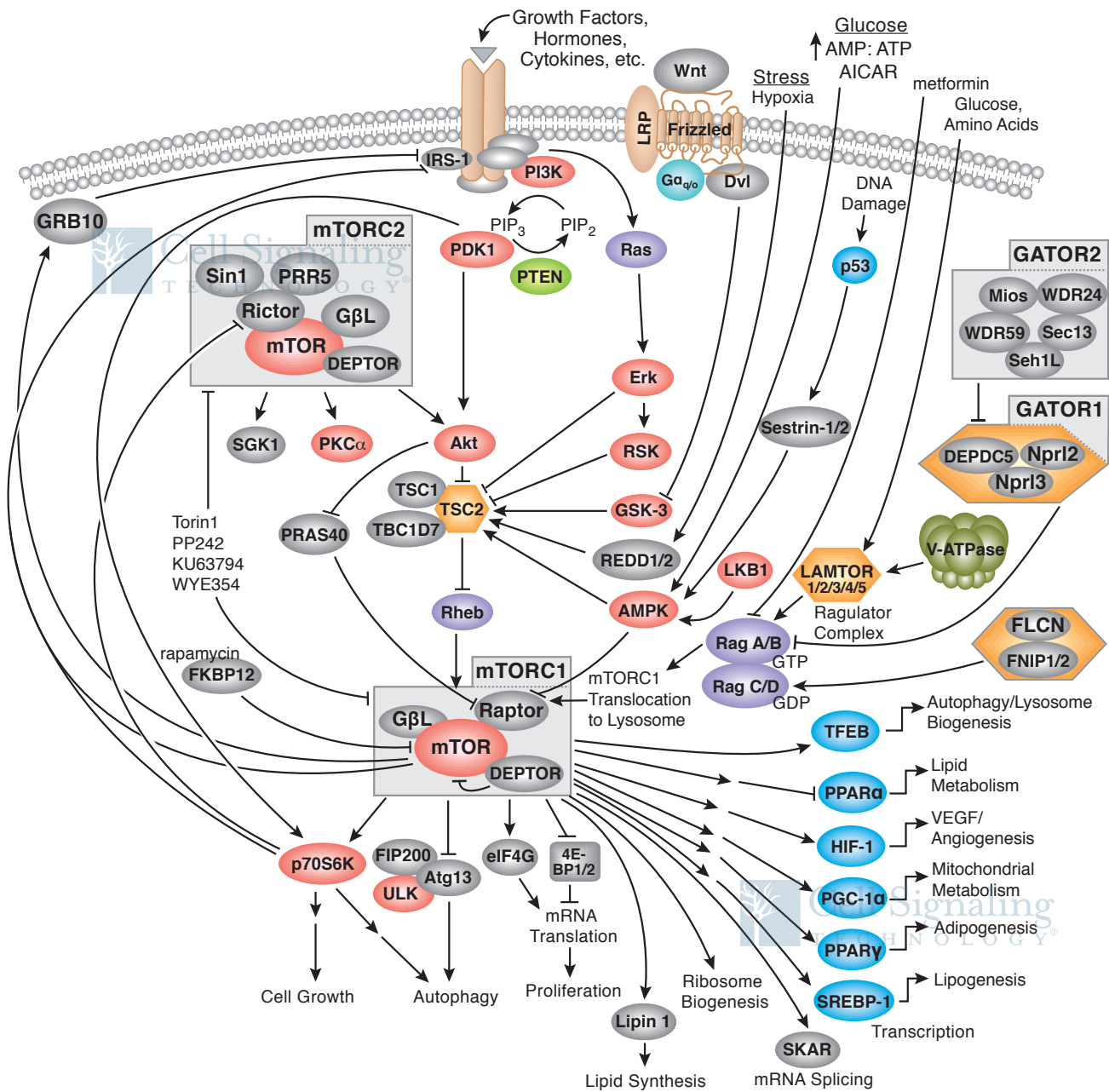


mTOR Signaling



Pathway Diagram Key

- | | | | | | | | |
|----|------------------------------------|----|------------------------------------|----|------------------------------------|----|-----------------------------------------|
| → | Direct Stimulatory Modification | → | Multistep Inhibitory Modification | — | Direct Inhibitory Modification | →→ | Tentative Stimulatory Modification |
| — | Direct Inhibitory Modification | →→ | Tentative Stimulatory Modification | →→ | Multistep Stimulatory Modification | →→ | Transcriptional Inhibitory Modification |
| →→ | Multistep Stimulatory Modification | — | Tentative Inhibitory Modification | →→ | Multistep Inhibitory Modification | | |
-
- | | | | | | | | | | | | | | |
|--|-------------|--|----------------------|--|----------|--|---------------|--|---------|--|-----------|--|-------------|
| | Kinase | | Transcription Factor | | Receptor | | pro-apoptotic | | GAP/GEF | | G-protein | | Deacetylase |
| | Phosphatase | | Caspase | | Enzyme | | pro-survival | | GTPase | | Acetylase | | |