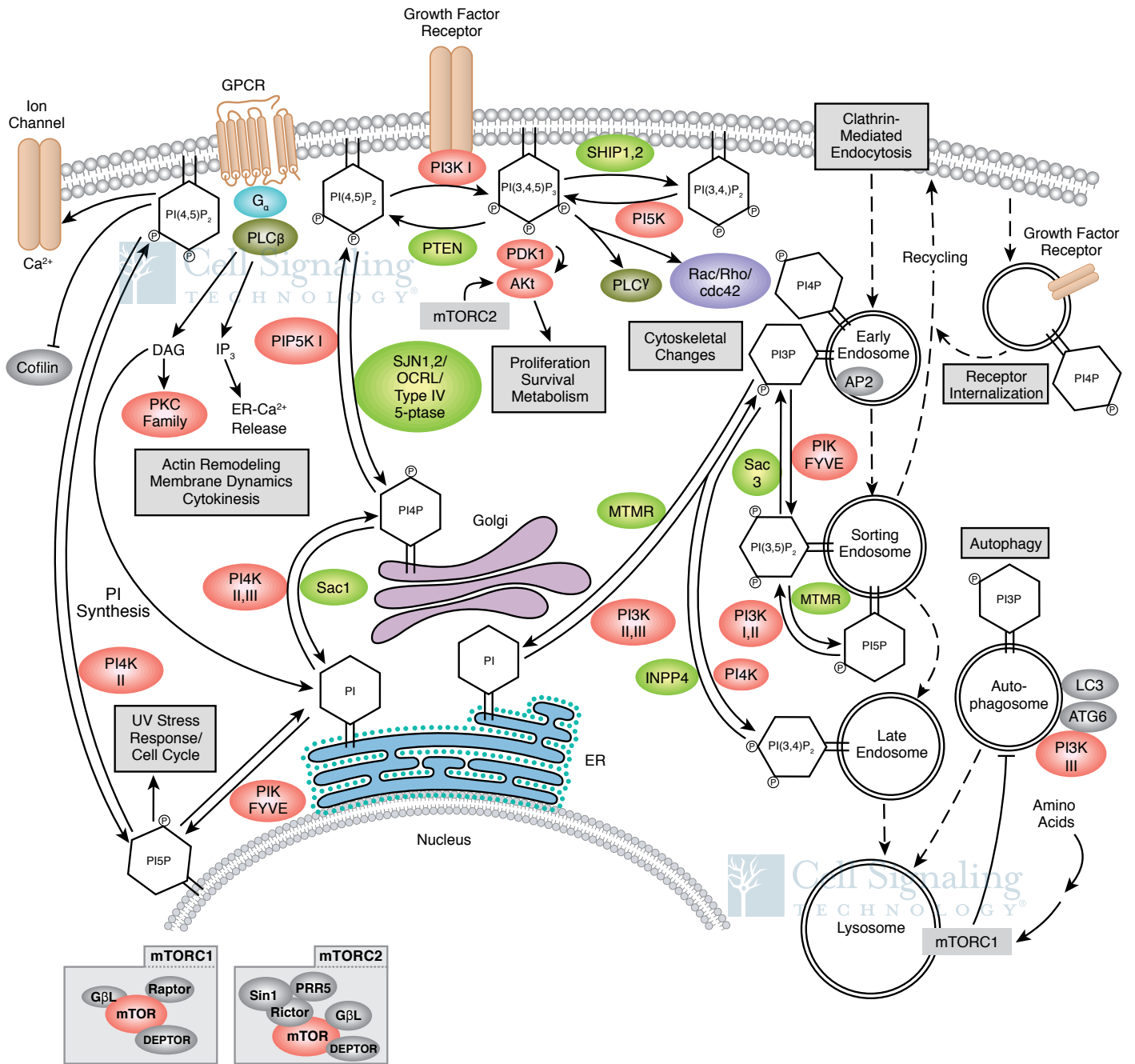


# Phosphoinositide Signaling



## Pathway Diagram Key

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