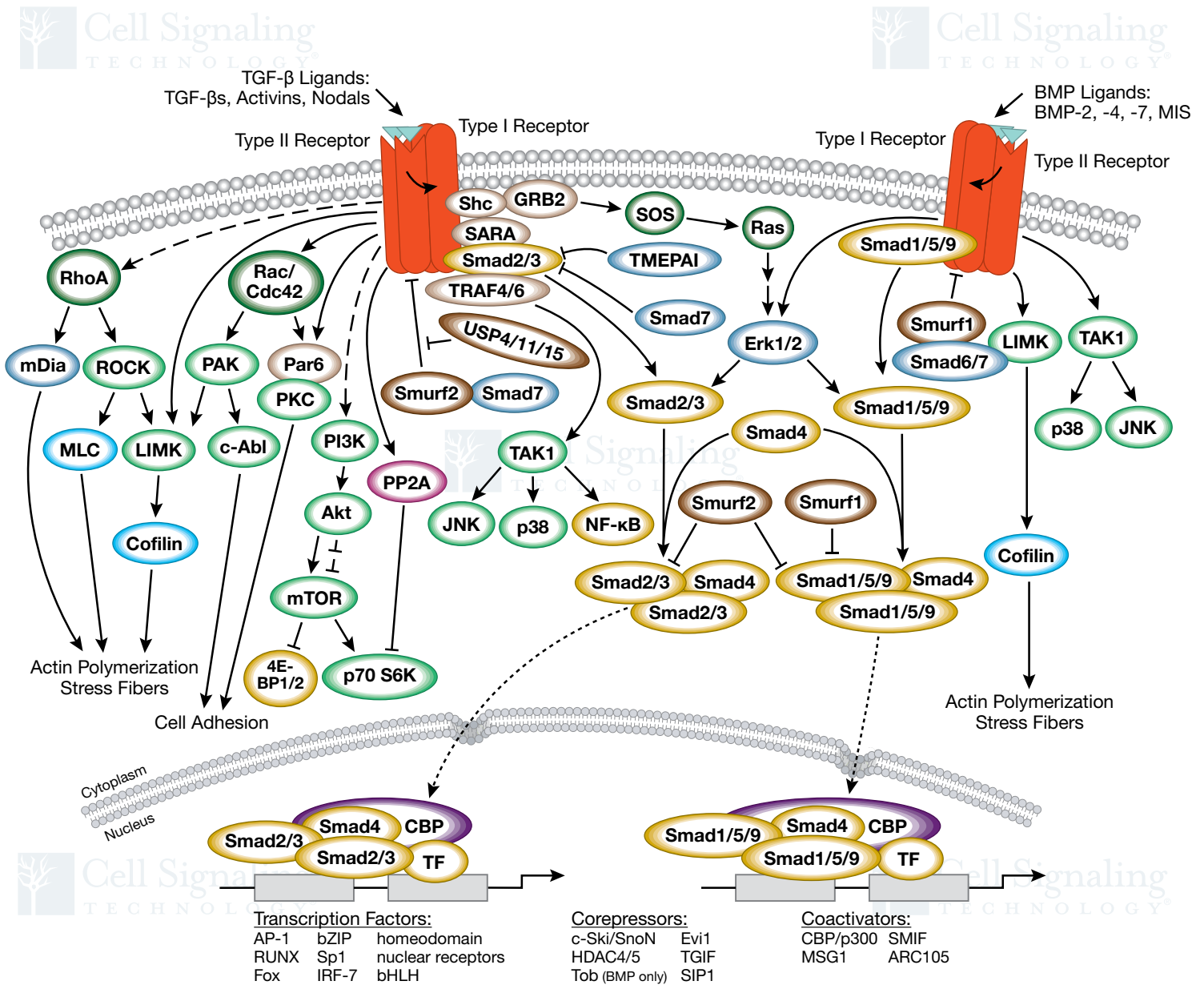




TGF-β / Smad Signaling



Pathway Diagram Key

- | | | | | | | | |
|-----------|-------------------------------|--|----------------|--------------------------------|-----------------|--|----------|
| 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