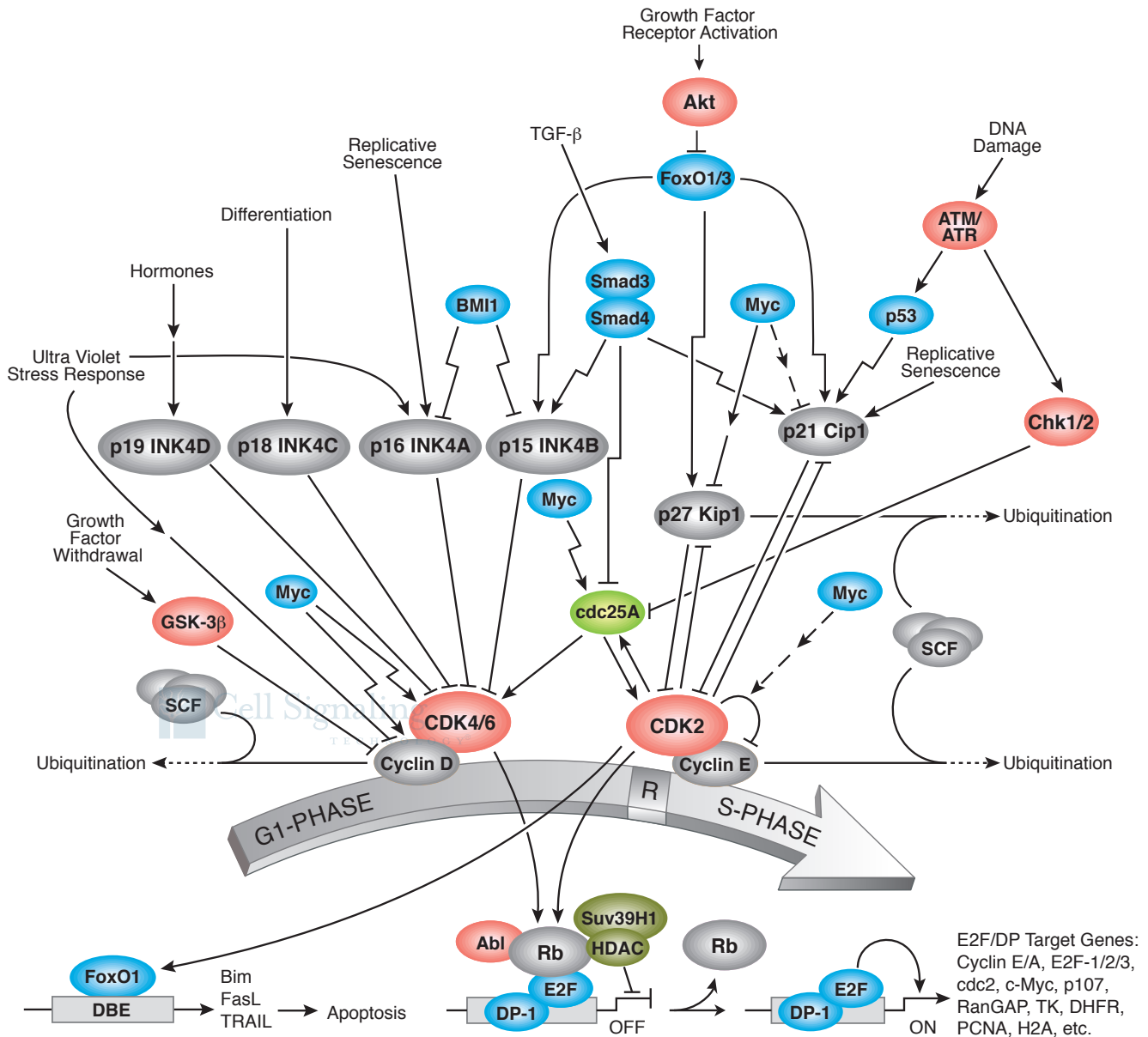


Cell Cycle Control: G1/S Checkpoint



Pathway Diagram Keys

| | | | | | |
|----------------------|---------------|-------------------|------------------------------------|---|--|
| Kinase | Enzyme | G-protein | Direct Inhibitory Modification | Tentative Inhibitory Modification | Translocation |
| Phosphatase | pro-apoptotic | Acetylase | Multistep Stimulatory Modification | Separation of Subunits or Cleavage Products | Transcriptional Stimulatory Modification |
| Transcription Factor | pro-survival | Deacetylase | Multistep Inhibitory Modification | Joining of Subunits | Transcriptional Inhibitory Modification |
| Caspase | GAP/GEF | Ribosomal subunit | Direct Stimulatory Modification | Tentative Stimulatory Modification | |
| Receptor | GTPase | | | | |