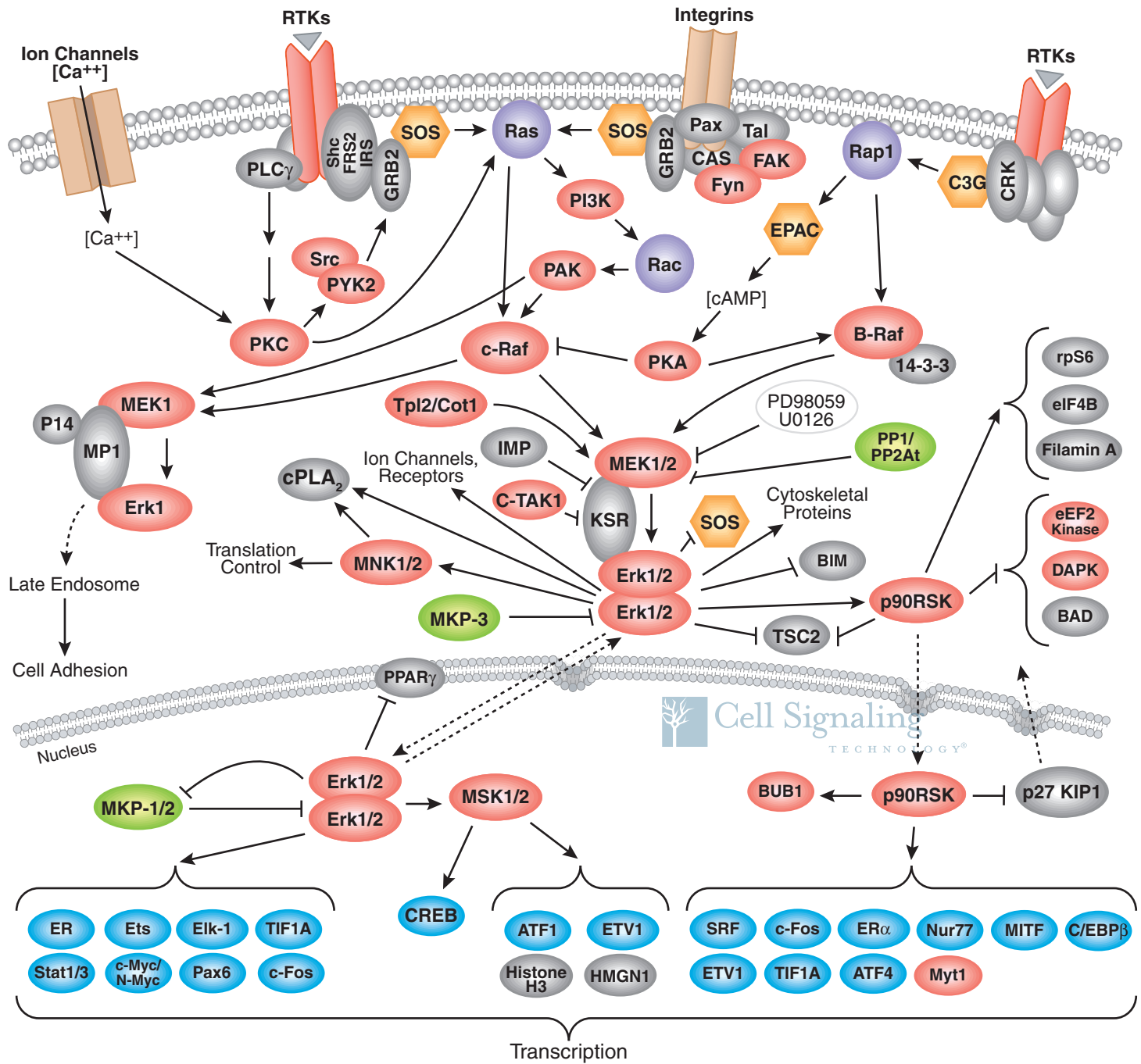


MAPK/ERK in Growth and Differentiation



KEY

- | | | |
|----------------------|------------------------------------|---|
| Kinase | Direct Stimulatory Modification | Transcriptional Stimulation |
| Phosphatase | Direct Inhibitory Modification | Transcriptional Inhibition |
| Transcription Factor | Multistep Stimulatory Modification | Translocation |
| | Multistep Inhibitory Modification | Separation of Subunits or Cleavage Products |
| | Tentative Stimulatory Modification | Joining of Subunits |
| | Tentative Inhibitory Modification | |