



**Figure 3. Epigenetic Regulation of Replication Timing in Yeast**

One of the best examples of epigenetic effects on replication was demonstrated in the yeast *Saccharomyces cerevisiae*. Insertion of a late-replicating origin into a circular plasmid results in early replication in S phase, and late replication is restored upon linearization of the plasmid and addition of telomeres (Ferguson and Fangman 1992; Weinreich et al. 2004).