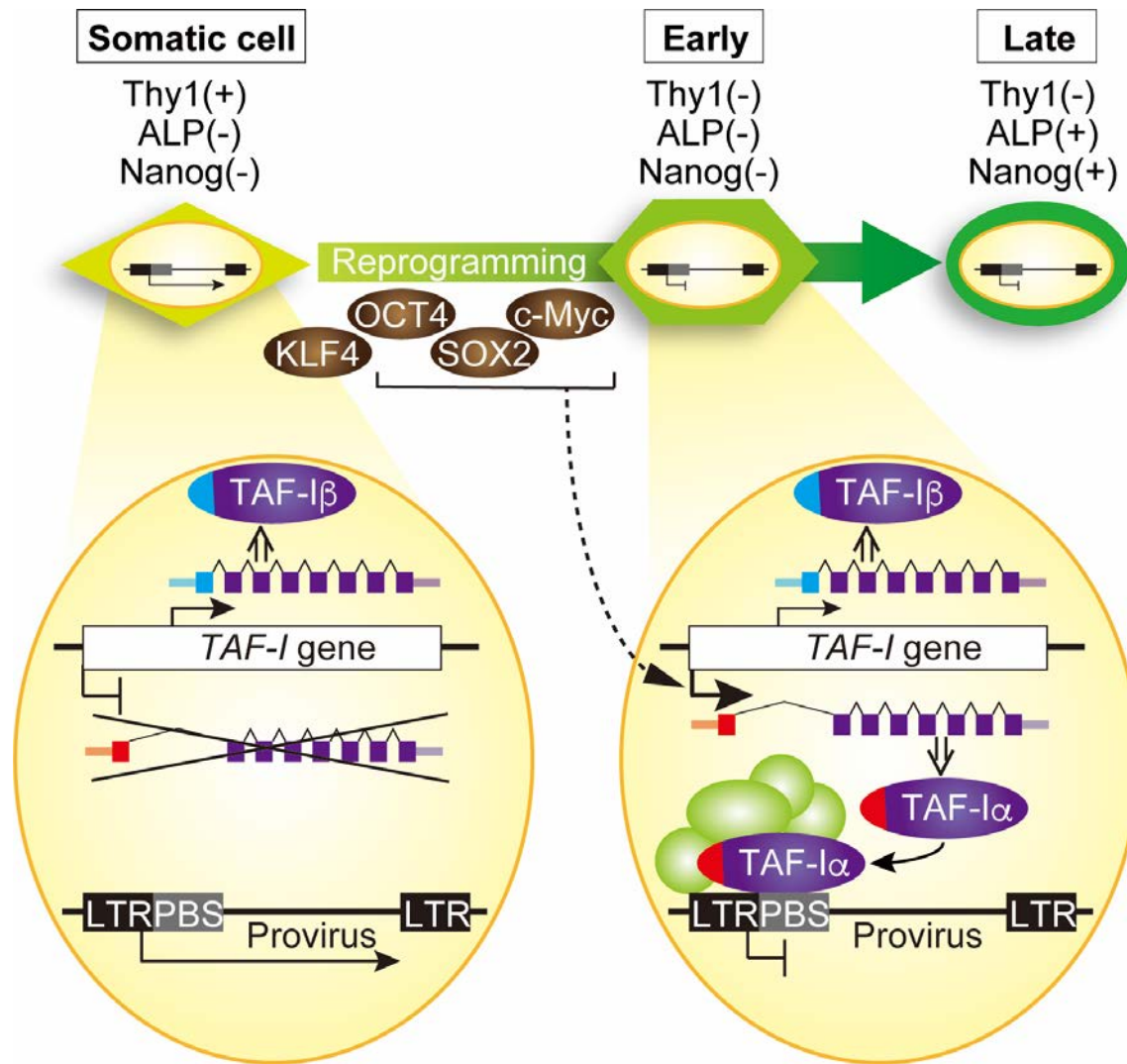


Template Activating Factor-I α Regulates Retroviral Silencing during Reprogramming



We use replication-defective and persistent Sendai virus (SeVdp)-based vectors to monitor retroviral silencing during reprogramming and find that the silencing occurs earlier than acquisition of pluripotency. The insertional chromatin immunoprecipitation (iChIP) identifies TAF-I α , a SET/TAF-I isoform predominant in ESCs, as a factor that facilitates the retroviral silencing.

References: Bui et al., *Cell Reports*. 2019; 29(7): 1909-1922.
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